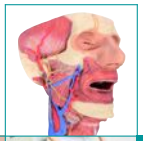
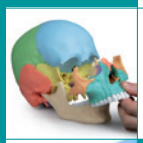
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Experts in medical education since 1950

We ♥ Anatomy



Medical Imaging

Medical Simulators

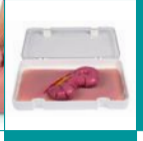


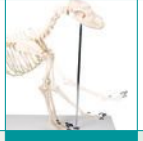



Anatomical Models






Anatomical Charts



Customized Products

3D Printed Anatomy






Physiotherapy accessories



Veterinary medicine


„ We want to continuously improve medical education by new innovations and thereby help people around the world to live healthier and longer lives. “



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★★★★★
Experts in medical education since 1950

Welcome

Dear Business Partners,
Dear Customers,

Our Vision is our Passion.

As the 4th generation we are committed to add a fresh breeze to old values.

Grown up in the Company we learned early on, that quality and customer orientation are not only words. For us these are aims and values we incorporate in our daily lives. Together with you we want to improve the medical education.

We and the whole Erler-Zimmer team are looking forward to a vivid cooperation with you. With this catalogue we will take you on a journey through one of the largest product lines in the world.

Sincerely



Patrick Probst
Management

Mathias Probst
Management

Watch Image Video here:

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HEALTH MADE IN GERMANY

About us



Management: Patrick, Walter, Ute, Mathias Probst

1950	1954	1981	1989	2015	2021
Founded by Johannes Erler	Walter Zimmer joins the company	Ute Probst joins the company	Walter & Ute Probst become managing directors	Patrick & Mathias Probst become shareholders	Patrick & Mathias Probst take over the operational business

The company Erler-Zimmer GmbH & Co.KG

Is specialized in the manufacturing and distribution of anatomical models and medical simulators for education in all medical fields.

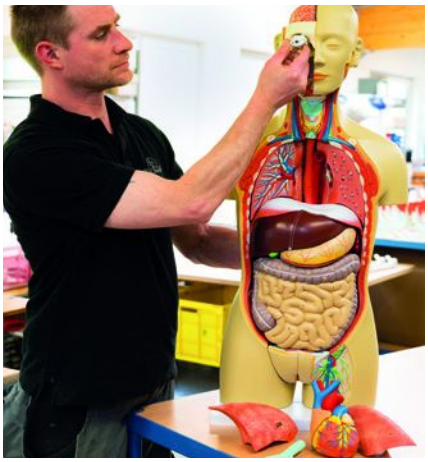
The company was founded in 1950 with headquarters in Lauf, Baden-Württemberg, Germany.

The name Erler-Zimmer was composed from the family names of the founder Johannes Erler and his son-in-law Walter Zimmer.

Today the company is run by Ute Probst, the daughter of Walter Zimmer and her husband Walter Probst. The sons Patrick and Mathias Probst are shareholders since 2015, the company is 100 % family owned.

Since 1950 high quality teaching materials are manufactured by hand in our production facilities in Germany.











First Class Quality in all Products and Processes

All business processes are optimized and are reviewed frequently by audits. The constant and high-grade quality is secured by ISO 9001 certification.

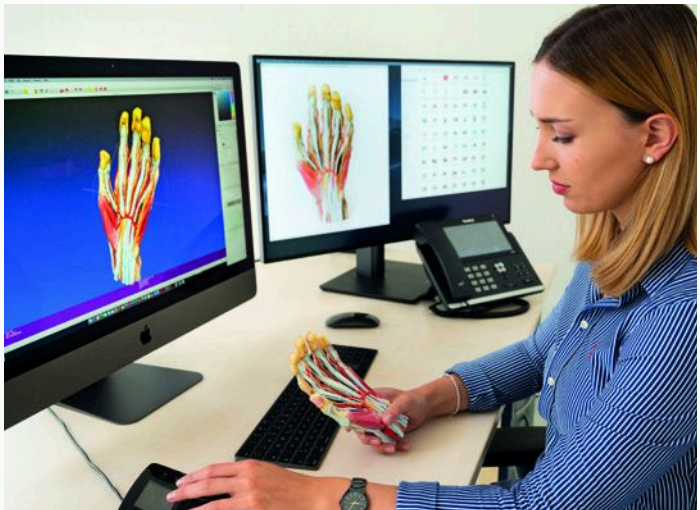
Customer satisfaction is our fundamental target, due to this we are able to modify our processes after the customers requirements to allow a high level of flexibility and customer orientation.

The final product testing is separated from the production process. There is a 100% Quality control for each product, you can be sure every single product is perfect. Because of this we are offering a 5 year warranty for all products manufactured by us.

- ✓ in Lauf, Baden Württemberg, Germany
- ✓ founded in 1950
- ✓ more than 1500 products in the product line
- ✓ worldwide distribution network
- ✓ Ownership & management Family Probst

Our values

- Commitment to quality
- Authentic customer orientation
- Continuous innovation
- Sustainable behavior
- Social responsibility
- Certification ISO 9001



Latest technologies – on the pulse of time

Modern product design and latest CAD technologies. Different prototyping processes, including latest full colour 3D printing.

Professional manufacturing with all common materials. Suitable machine sizes for economic manufacturing of most diverse projects.

Optimized processes in administration and production with the use of SAP software allow a fast and customer orientated processing of all projects. A paperless office shortens the processing time and additionally protects the environment.

ERLER ZIMMER

New . Innovative . Digital

Augmented-Anatomy-App

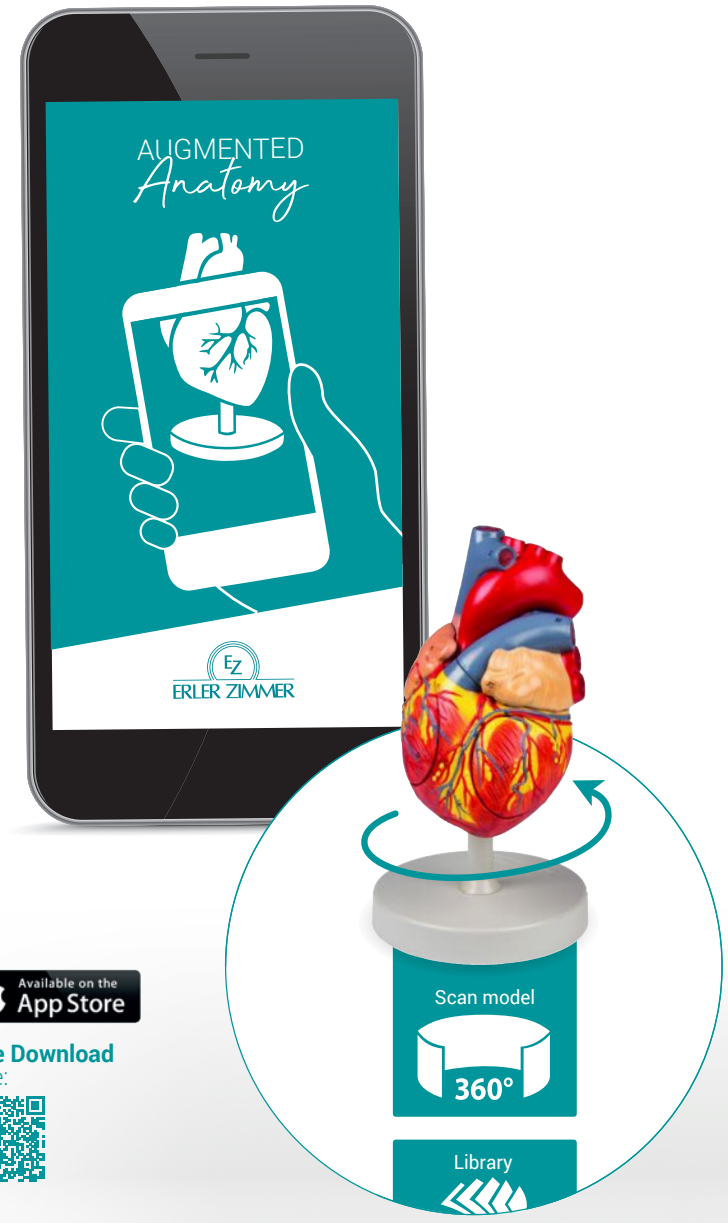
Our anatomical models are supplied with a nomenclature. But it might not be at hand at any time, so we invented the new Augmented Anatomy App. This app identifies our models automatically and shows the nomenclature in Augmented Reality with the model.

The App automatically recognizes compatible models, every day new models are added to the library. Ask you customer support if your model is compatible with the new App.

The App is free for you as our customer. The function will work for our models, even if you have purchased them in the past, the app does not need any specific tag or marking on the model.

Your benefits:

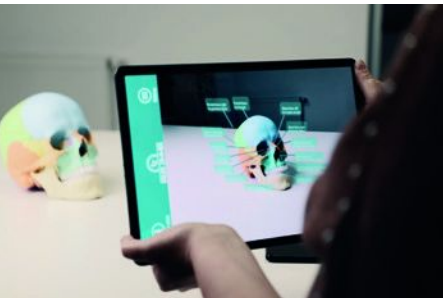
- ✓ Nomenclature available at any time and anywhere
- ✓ Completely free
- ✓ No registration
- ✓ No time limitation
- ✓ Works on all common devices
- ✓ With pursuing web links in the library



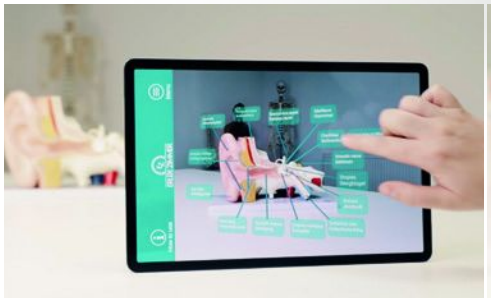
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Demonstration video
here:

GET IT ON Google Play
Free Download
here:

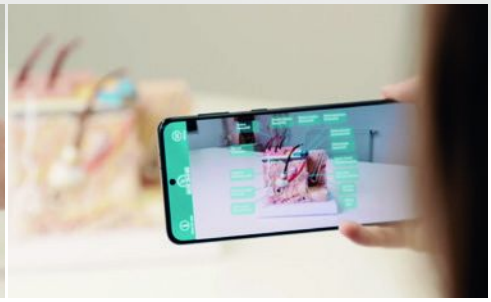
Available on the App Store
Free Download
here:



Automatic recognition through your camera



Display of the digital nomenclature



Works with smartphones & tablets



What sets us apart

- ✓ Excellent quality
- ✓ Unique products
- ✓ Reasonable prices
- ✓ Great value for money
- ✓ Short lead times
- ✓ Fast and personal customer service
- ✓ Idea creation
- ✓ Design / Layout
- ✓ Worldwide distribution network
- ✓ Shipment service by air, sea or road freight
- ✓ Owner operated family business
- ✓ Processing of customer specific formalities and customs requirements



✓ Development with latest technologies



✓ Products made in Germany

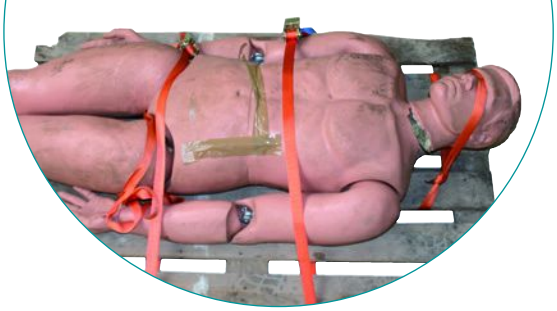


✓ 100 % quality control

REPAIR SERVICE

Got a broken model or simulator? No matter where you bought it or how old it is. We will repair it for you.

Send us the product or a photo of the defect, will make a repair offer and you decide if you want the product to be repaired.



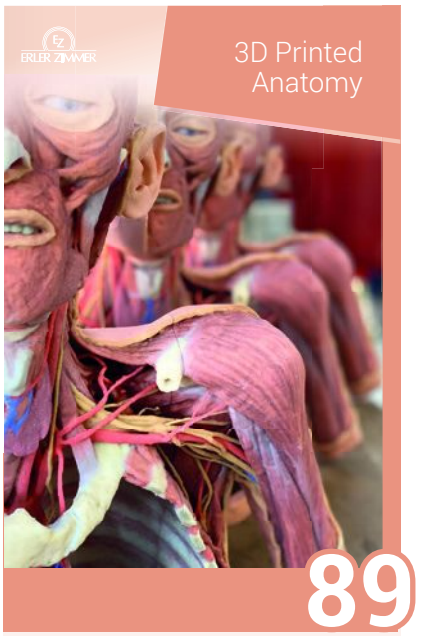
More than **1500 PRODUCTS** in our line

ERLER ZIMMER

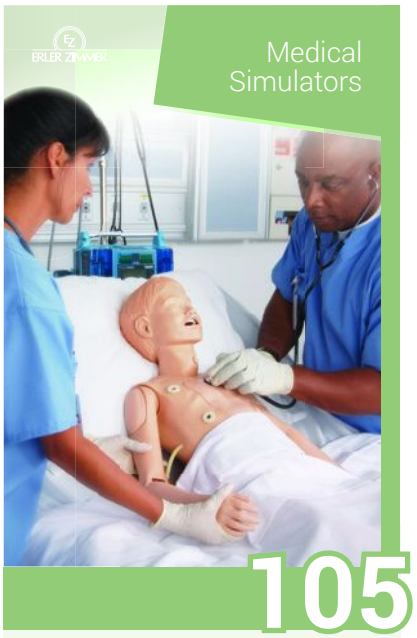
Content



Skeletons ..... 12 – 22
Pelvis ..... 23 – 24
Spines ..... 25 – 33
Vertebrae ..... 33 – 35
Skulls ..... 36 – 45
Lower Limb ..... 46 – 48
Upper Limb ..... 49 – 51
Joints ..... 52 – 54
Torsi 55
Musculature ..... 56 – 57
Head ..... 58 – 59
Nose 59
Brain ..... 60 – 62
Nerves 63
Skin 64
Eyes 65
Ears 66
Teeth ..... 67 – 68
Respiratory Organs ..... 69 – 71
Heart / Circulation ..... 72 – 75
Digestive System ..... 76 – 79
Urinary system ..... 80 – 81
Reproductive organs ..... 82 – 83
Pregnancy ..... 84 – 86
Acupuncture ..... 87 – 88



Nervous System 91
Upper Limb ..... 92 – 94
Lower Limb ..... 95 – 98
Pelvis ..... 98 – 99
Heart 100
Bronchial 100
Bowel 101
Head ..... 101 – 103
Brain ..... 103 – 104



Pregnancy / Birth ..... 106 – 119
Baby manikins ..... 120 – 126
Child manikins ..... 127 – 128
Hip examination 129
Adult manikins ..... 130 – 137
Sex Education ..... 138 – 139
Gynaecology ..... 140 – 143
Breast examination ..... 144 – 147
Urology ..... 148 – 150
Bandage 151
Decubitus ..... 152 – 153
Stoma care ..... 154 – 155
Nursing wounds ..... 156 – 158
Foot and leg wounds ..... 159 – 161
Diabetes 162
Mouth / Nose 163
Tracheostomy / Gastric tube ..... 164 – 167
Adiposis 168
Age simulation ..... 169 – 170
Catheterization ..... 171 – 175
Eye- / Ear examination ... 176 – 178
Blood pressure 178
Auscultation ..... 179 – 181
Examination ..... 182 – 183
Facial injection 184
Injection ..... 185 – 200
CVC and Port ..... 201 – 205
Dialysis 206
Pneumothorax / Thoracic drainage ..... 206 – 207
Thorax – Trauma ..... 208 – 209
ECMO 210
Intraosseous access 211
Cricothyrotomy ..... 212 – 213

Airway Management .....214 – 221
CPR .....222 – 241
Video – Debriefing .....242 – 243
Rescue manikins.....244 – 247
Emergency wound simulation.....247 – 258
Suture training.....258 – 263
Laparoscopy.....264 – 266
Gastroscopy .....266 – 267
Colonoscopy..... 268
Bronchoscopy 269
Dental training..... 270



X-ray Phantoms.....272 – 282, 289
CT Phantoms..... 283 – 287, ...290 – 293, 295, 297 - 301
Lung cancer screening 288
PET / SPECT.....288, 295, 305 - 308
Radiation therapy.....289
Stomach phantoms 294
Colonography 294
Tomosynthesis.....296
Mammography.....301
MRT.....302 – 304
FAST.....309 – 310
Abdomen Ultrasound.....310 – 311
Lung Ultrasound.....312
Gynaecological Ultrasound 313
Neonatal head Ultrasound.....314
Urine volume Ultrasound.....315
Rheumatism – Ultrasound.....315
Fundamental Ultrasound 315 – 316
Ultrasound QS Phantoms..... 316



Farm animal models .....318 – 319
Artificial insemination..... 320
Canine models.....320 – 323
Canine emergency .....324 – 331
Canine x-ray..... 332
Feline emergency..... 333
Lab animals .....333 – 334
Equine models.....335 – 337
Real skeletons..... 338
Animal skulls .....338 – 340



Veterinary Charts 343
Human Charts .....344 – 354



Disinfection station..... 356
Goniometer..... 356
Mobilisation wedges..... 356
Traction belts 356



Special solutions.....358 – 360

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QR codes are 2D codes that can be scanned and read by smartphones and tablets. They link the physical and the virtual world. Next to each product in this catalogue you will find a QR code guiding you to the article in our web shop.

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ERLER ZIMMER

Anatomical Models



Detailed article information at: **www.erler-zimmer.de**

SKELETON OVERVIEW

ERLER ZIMMER
Skeletons since 1950

Casts of real human skeletons in highest quality and attention to detail.

All bones are individually crafted and carefully assembled.

Easy to assemble. All individual parts are pre-assembled.



	Oscar Ref.no. 2960	Willi Ref.no. 3001	Hugo Ref.no. 3014	Otto Ref.no. 3004
rigid spine	✓	✓		✓
flexible spine			✓	
muscle marking				
Joint ligaments at shoulder, elbow, hip & knee				✓
Herniated Disc	✓			
Spinal Nerves	✓	✓	✓	✓
three part Skull	✓	✓	✓	✓
detachable arms	✓	✓	✓	✓
detachable legs	✓	✓	✓	✓
detachable feet	✓	✓	✓	✓
sliding joints shoulder	✓	✓	✓	✓
sliding joints hip	✓	✓	✓	✓
leg separates at knee	✓	✓	✓	✓
movable scapula		✓	✓	✓
Roller stand	✓	✓	✓	✓
Size incl. Stand (cm)	178	178	178	178
weight appr. (kg)	9	9	9	10

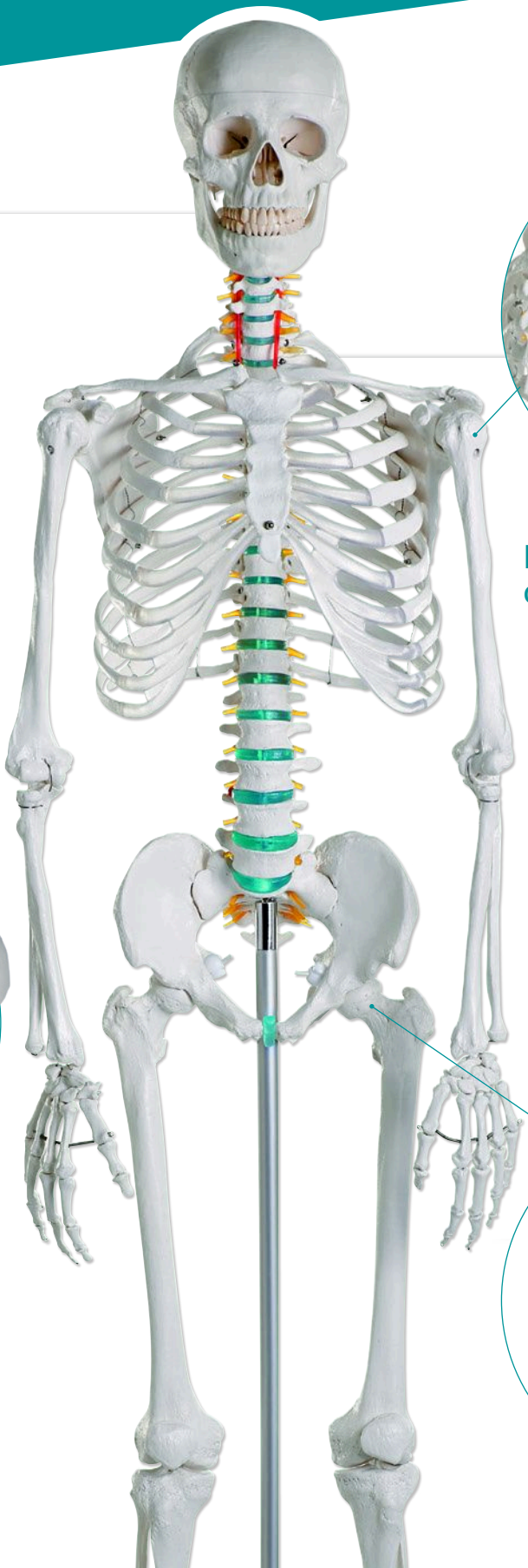


Toni	Arnold	Peter	Bert	Max
Ref.no. 3013	Ref.no. 3008	Ref.no. 3015	Ref.no. 3010	Ref.no. 3016
	✓		✓	
✓		✓		✓
	✓	✓	✓	✓
✓			✓	✓
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
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✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
178	178	178	178	178
10	9	9	10	10

ERLER-ZIMMER SKELETONS

All Erler-Zimmer skeletons are castings of natural skeletons of highest quality and authenticity. The models in resistant synthetic material show all the anatomical details, structures, fissures, foramina and processes. All bones are manufactured individually and have been carefully assembled. Hands and feet are mounted flexibly on wire. Arms, legs and the skull can be removed easily and partially disassembled. The 5-leg castor-mounted stand provides the model with a consistently good support and allows simple transport from one room to another.

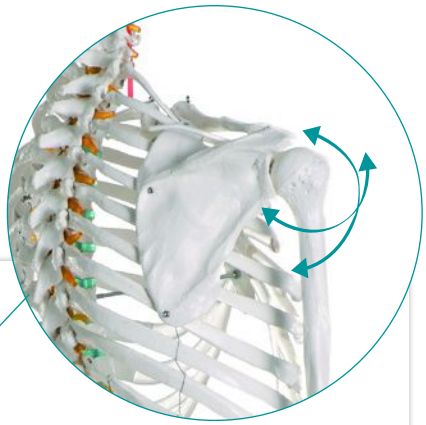
All human Skeleton models: Height: 1,78 m



Idealized Skull

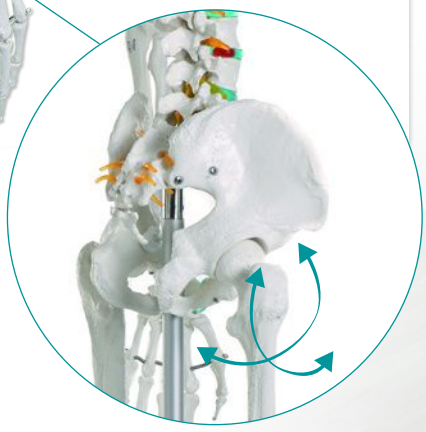
The three part skull was digitalized and modified to correspond with the standard anatomy. The size corresponds to European standard size, all important structures, fissures, foramen and processes are represented. The skull can be dismantled into base, lower jaw and skull cap. The skullcap is adjusted to the base with metal pins and held with magnets. Due to this technology no pin can break and there will be no gap between skull cap and base. This distinguishes the skull from most competitors skulls. There are no hooks that could break or deform.





Natural movement of the joints

Unlike the skeletons with metal joints Erler-Zimmer Skeletons are able to move the joints freely, the joint surfaces slide on each other and do not stick out like the joints in other skeletons do. This allows to demonstrate not only turning movements, but all possible joint movements. The quick fasteners allow to remove and reassemble the joint connections in seconds. This makes removing or assembling the limbs a childs play.



Didactic skeleton *Oscar*

BEST SELLER

First class reproduction of a male adult skeleton at a very reasonable price. This skeleton is manufactured according to our strict quality regulations. The stable mounting and robust structure guarantees a long lasting quality even in intensive use.

Ref.no. 2960
Details:



The spine of the skeleton Oskar shows spinal nerves, the vertebral artery and a dorsolateral disc prolapse.



Human Skeleton Model *Willi*

The ideal model for anatomical study. Actual cast of a real human skeleton in highest quality. All details and structures are faithfully reproduced.

Ref.no. 3001
Details:

Movable shoulder blades
The shoulder blades are mounted in such a way that they are capable of simultaneous motion with arm movements. Consequently, the natural movement process can be illustrated.



Flexible ankle joint
The upper ankle joint is mounted on elastic band and allows all movements. The foot can be simply removed in order to take it to a lesson, for example.

ERLER-ZIMMER THERAPY SKELETONS

In order to do justice to the increasing requirements of therapeutic training, the EZ-therapy skeletons offer a fully mobile vertebral column. Mounted on a highly robust and simultaneously optimally flexible metal spiral hose, this vertebral column can be simply set in any position. In addition to normal postures, malpositions and malpostures can be demonstrated very impressively. Owing to the special flexible intervertebral discs, the vertebral column can not only be flexed but also rotated itself. These intervertebral discs behave like natural discs when flexing the vertebral column, i.e. they can be compressed or expanded. Consequently, the vertebral column can be flexed in an anatomically correct manner, without a cleft arising between intervertebral disc and vertebra. The spinal cord and spinal nerves derived from it provide an additional important demonstration option.





Perfect for Physiotherapy and students!

Erler-Zimmer Skeletons with marking of muscle insertions and origins

The models Arnold, Bert, Peter, Max, Daniel and Fred have muscle markings. On the right body side of the skeleton the muscle origins (red) and insertions (blue) are marked. The markings are developed together with the teachers of a physiotherapy academy and comply with the special needs of physiotherapists. The didactical order of the key card fits the didactical order of the physiotherapy education. Suitable books are mentioned in the key card.



BEST SELLER

Human Skeleton Model *Hugo*

This therapy skeleton with a movable vertebral column is ideal for anyone who not only wants to learn anatomy, but also wishes as a therapist to understand or explain the connections between movements, postures and malpositions.

Ref.no. 3014
Details:



Human Skeleton Model *Arnold*

This anatomical skeleton model does not only show all bony structures in high detail, but also has marking of muscle attachments and origins on the right body half. It is perfect to learn the three dimensional function of the human musculature.

Ref.no. 3008
Details:

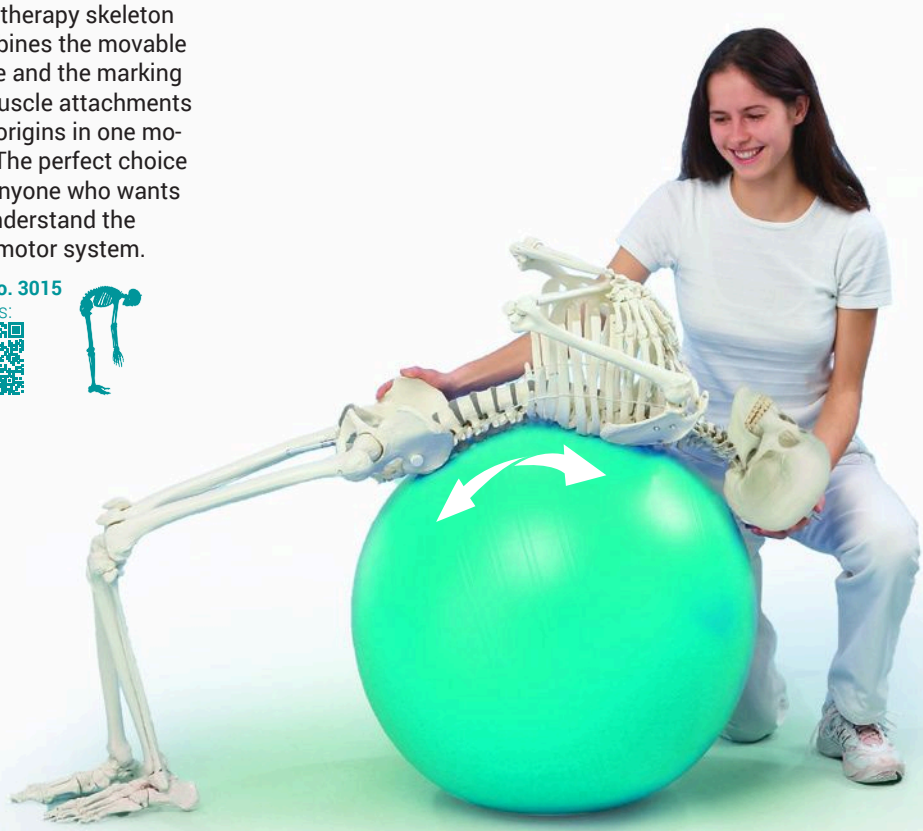




Human Skeleton Model *Peter*

This therapy skeleton combines the movable spine and the marking of muscle attachments and origins in one model. The perfect choice for anyone who wants to understand the locomotor system.

Ref.no. 3015
Details:



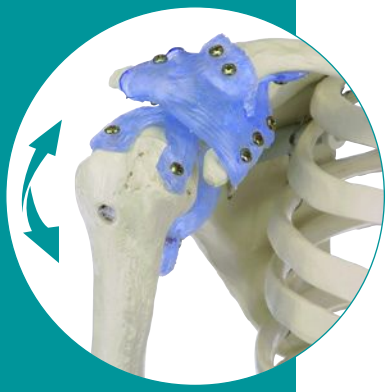
ARTICULAR LIGAMENTS

Flexible articular ligaments in the knee, hip, elbow and shoulder allow demonstration of movements and explanation of function. The most important ligaments in each case are represented.











Human Skeleton Model

Otto

with articular ligaments.
Anatomical skeleton model with representation of the articular ligaments of elbow, shoulder, hip and knee. All bony details and structures are shown in detail.

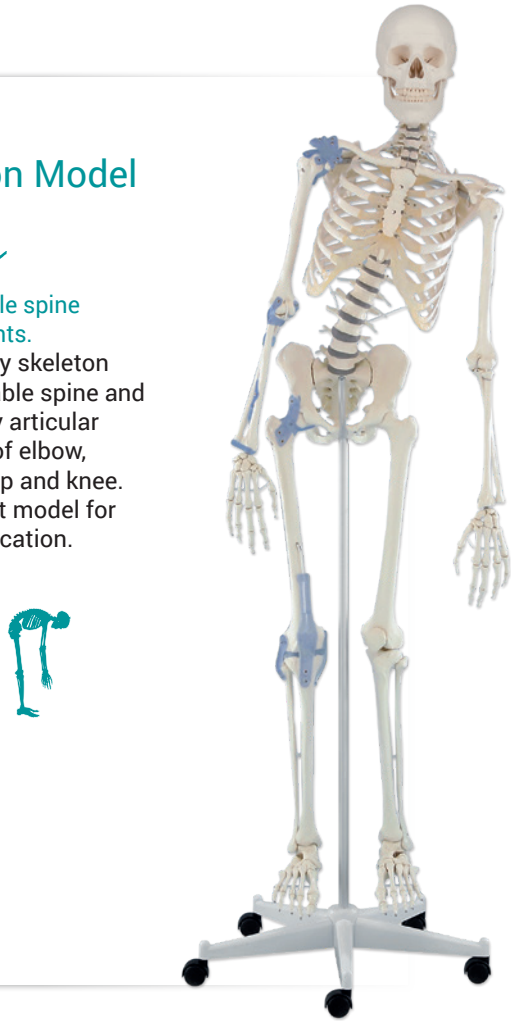
Ref.no. 3004
Details:

Human Skeleton Model

Toni

with movable spine and ligaments.
This therapy skeleton has a movable spine and additionally articular ligaments of elbow, shoulder, hip and knee. Thje perfect model for patient education.

Ref.no. 3013
Details:





Human Skeleton Model *Bert*

with movable spine and ligaments.
Anatomical Skeleton Model with articular ligaments in elbow, shoulder, hip and knee as well as marking of the muscle origin and insertion. All bony structures and details are represented in detail. A perfect model for education and patient education.

Ref.no. 3010
Details:

Accessories for skeleton models:

Foot, mounted on rubber

You may have the right foot of the skeleton models mounted on rubber band to allow demonstration of the rolling movement.

Ref.no. 3018R
Details:





BEST SELLER

Human Skeleton Model *Max*

with movable spine, muscle markings and ligaments.
This top model of our skeleton series combines all features in one skeleton and leaves nothing to be desired. The spine is fully movable, the articular ligaments of elbow, shoulder, hip and knee are represented, and the origin and attachments of muscles are marked. With this model you are well equipped for all tasks during education or on your job.

Ref.no. 3016
Details:



Dust cover for Skeleton

This rugged cover is made of plastic fabric and protects your skeleton model from dust and hides it at the same time. The cover is simply pulled over the skeleton without any zipper or other element that could break.

Ref.no. 3099
Details:



Fetal Skeleton, 30th week

An excellent detailed human fetal skeleton. The average body length measurements suggest an age of 8.5 to 9 months, but developmental osteologic features are most suggestive of 7 to 7.5 months.

Ref.no. 2850
Details:



↑ appr. 40 cm

Child Skeleton, 14 to 16-month-old

The 14 to 16-month-old child skeleton demonstrates the unfused epiphyses of the long bones, and the cartilaginous margins of many of the bones at this age of development.

Ref.no. 2870
Details:



↑ 65 cm

Child Skeleton, 5 year old

Our 5-year-old skeleton is produced from the skeleton of an average 5-year-old. The reproduction of this skeleton includes all of the primary and secondary centers of ossification which demonstrate sufficient morphological detail to be isolated, recognized, and identified out of anatomical context.

Ref.no. 2800
Details:

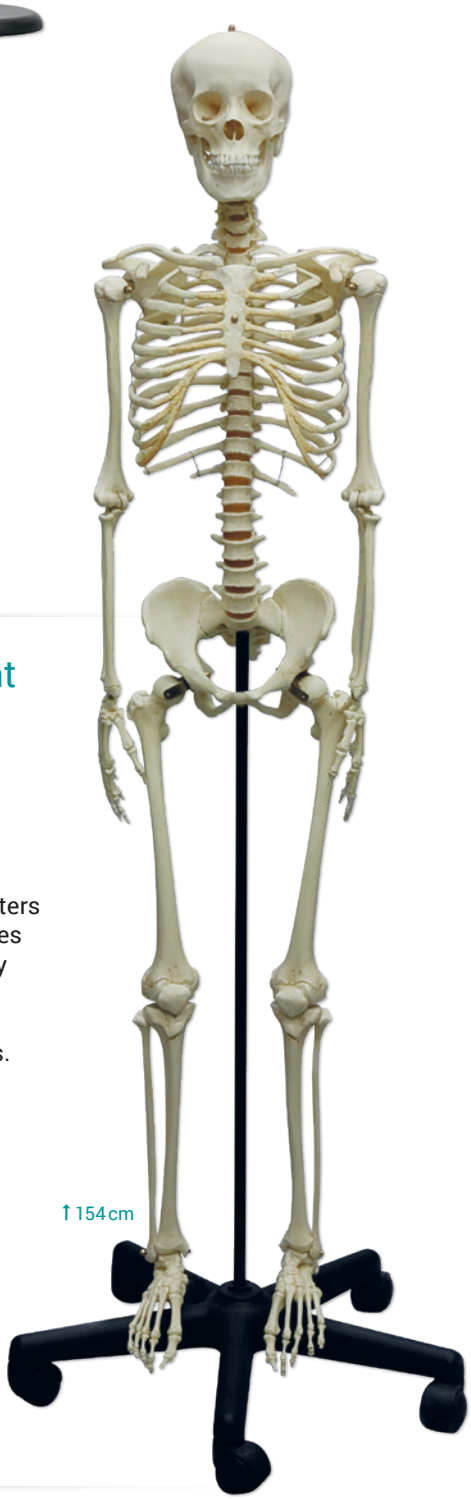


↑ 94 cm

Adolescent Skeleton

The developing skeleton is very different from adult skeletons -- the numerous ossification centers and growth plates can dramatically change the appearance of individual bones.

Ref.no. 2700
Details:



↑ 154 cm

MINIATURE – SKELETONS



Erler-Zimmer Miniature-Skeletons are complex reproductions of our life-size skeleton models and are always a good choice in case there is not enough space or if there are other reasons not to buy a life size one. The reproductions are about ½ life size and are as movable as the life-size counterparts. This series also offers a variety of features to allow everyone to find the suitable model.

BEST SELLER

Miniature-Skeleton *Tom*

This reasonable priced skeleton offers everything a student, or a beginner will need. Skull, arms and legs are removable, the skeleton can be taken off the stand.

Ref.no. 3032
Details:

All skeletons are detachable from the stand.



Miniature-Skeleton *Patrick*

The standard skeleton of the miniature-skeleton series. The spine is non-movable, the limbs can be moved and taken off like the three part skull.

Ref.no. 3030
Details:

Miniature-Skeleton *Paul*

with movable spine.
This miniature-skeleton has a spine, that can be moved easily in any desired position. The three part skull and the limbs can be removed.

Ref.no. 3040
Details:





Miniature-Skeleton *Daniel*

with muscle marking.
This miniature model is marked carefully with the muscle origins and insertions. Due to this the model offers the same information as the life size model.

Ref.no. 3035
Details:



Miniature-Skeleton *Fred*

with movable spine and muscle marking.
Fred comes with a fully movable spine and is marked carefully with the muscle origins and insertions. Due to this the model offers the same information as the life size model.

Ref.no. 3045
Details:



Bone-collection



Skeleton, unassembled

BEST SELLER

All bones of the human skeleton loosely in a storage box. One of the hands and one of the feet is mounted on wire, the other is supplied loosely in a bag. No construction kit, not suitable for self-assembly!

Ref.no. 3020
Details:

Half skeleton, unassembled

All bones of a human skeleton loosely as a set. Twin bones are in the box only once (e.g. only right ribs.). The hand and foot are mounted on wire.

Ref.no. 3024
Details:

Individual bone components

Do you require only certain bone components? Using the following order numbers, you can compose your own individual bone collection.

Ref.no. 3050 foot bones, unmounted
Ref.no. 3051 tibia
Ref.no. 3052 fibula
Ref.no. 3053 patella (kneecap)
Ref.no. 3054 femur
Ref.no. 3055 half pelvis
Ref.no. 3060 sacrum with coccyx
Ref.no. 3062 vertebra, individual (state C1 to L5)
Ref.no. 3070 ribs (12 items, one side)
Ref.no. 3071 sternum
Ref.no. 3080 hand bones, unmounted
Ref.no. 3081 ulna
Ref.no. 3082 radius
Ref.no. 3083 humerus (upper arm)
Ref.no. 3084 scapula (shoulder blade)
Ref.no. 3085 clavicle (collar bone)

Ref.no. 3050-3085
Details:

Pelvis with sacrum f/m

Pelvis of a female adult.

Ref.no. 4054
Details:

Pelvis of a male Adult.

Ref.no. 4052
Details:



Pelvis with sacrum and 2 lumbar vertebrae f/m

Adult female pelvis. Wings of ilium, sacrum and flexibly mounted L5 and L4.

Ref.no. 4058
Details:

Adult male pelvis. Wings of ilium, sacrum and flexibly mounted L5 and L4.

Ref.no. 4056
Details:



Pelvis with sacrum, 2 lumbar vertebrae and femoral stumps f/m

Adult female pelvis.
The vertebrae are mobile mounted and the femoral stumps are movable and removable.

Ref.no. 4059
Details:

Adult male pelvis.
The vertebrae are mobile mounted and the femoral stumps are movable and removable.

Ref.no. 4057
Details:

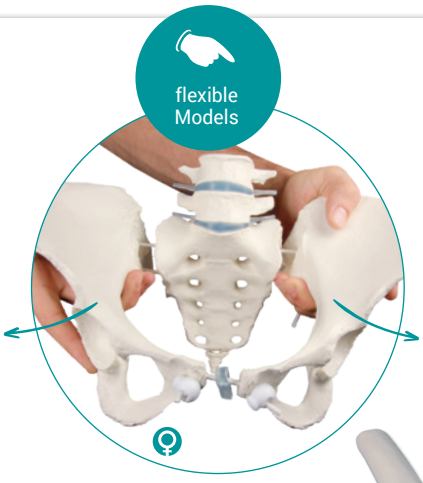


Pelvis with sacrum and 2 lumbar vertebrae, flexible

Adult female pelvis. The pelvis can be disassembled easily. It is mounted with rubber bands to allow an exceptional range of movement. With flexible L5 and L4.

Ref.no. 4058G
Details:

BEST SELLER



Pelvis with sacrum, 2 lumbar vertebrae and femoral stumps, flexible

Adult female pelvis The pelvis can be disassembled fast and easily. It is completely mounted with rubber bands to allow an exceptional range of movement. With flexibly mounted L5 and L4. The femoral stumps are movable and removable.

Ref.no. 4059G
Details:



Pelvis with sacrum, flexible

Adult female pelvis. The pelvis can be disassembled fast and easily. It is completely mounted with rubber bands to allow an exceptional range of movement.

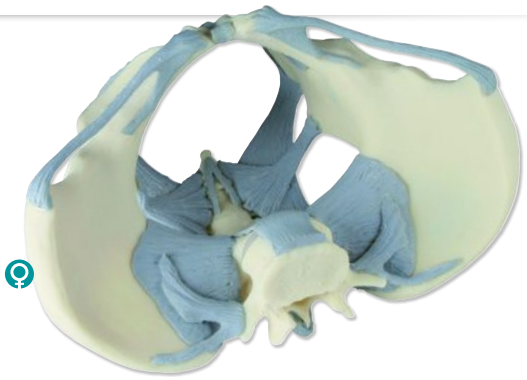
Ref.no. 4054G
Details:

Pelvis of a 5 year old child

Size approx 10 x 15 cm.

Ref.no. 4051
Details:

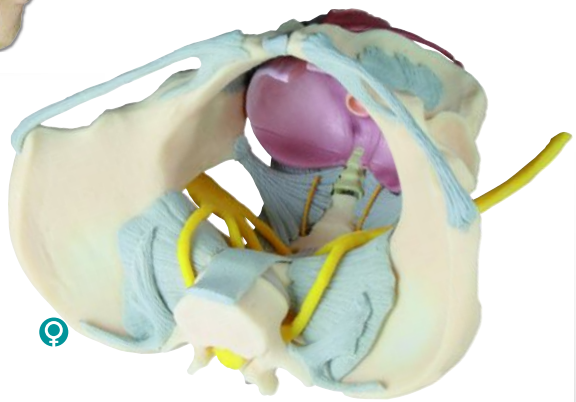




Ligamented female pelvis

Female Pelvis model
with ligaments. Life size.

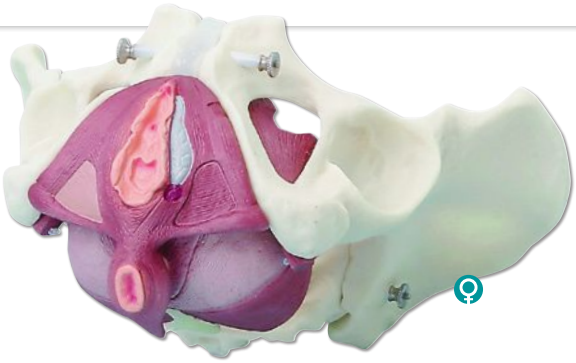
Ref.no. 4070L
Details:



Pelvis with Ligaments, Nerves and Pelvic Floor

Female pelvis with Ligaments,
Nerves and Pelvic Floor.

Ref.no. 4070B
Details:



Female pelvis with pelvic floor musculature

With 4-part collapsible pelvic floor

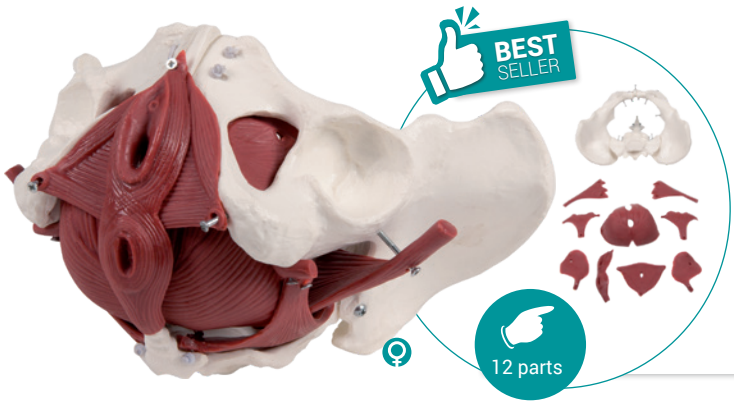
Ref.no. 4070
Details:



Male Pelvis with pelvic floor muscles

The muscle layers in this model
are in two parts.

Ref.no. 4070M
Details:



Female pelvic floor model, 12 parts

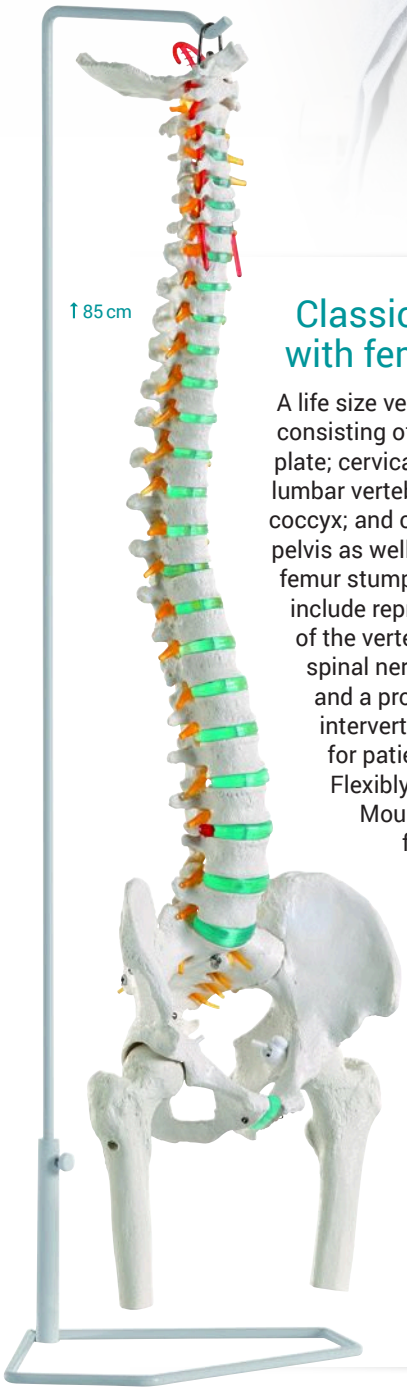
This new model of a female pelvis with pelvic floor musculature represents the pelvic floor in its layers. The muscles are fixed with pins, allowing to remove them for demonstration of the layers.

Ref.no. 4075
Details:



BEST SELLER

Flexible Spine



Classic Spine with femur stumps,

A life size vertebral column consisting of the occipital plate; cervical, thoracic and lumbar vertebrae; sacrum; coccyx; and complete pelvis as well as movable femur stumps.Features include representations of the vertebral arteries, spinal nerve branches, and a prolapsed L3–L4 intervertebral disc. Perfect for patient education. Flexibly mounted. Mounted on a stand for hanging.

Ref.no. A251
Details:



Classic Spine

A life size vertebral column consisting of the occipital plate; cervical, thoracic and lumbar vertebrae; sacrum; coccyx; and complete pelvis. Features include representations of the vertebral arteries, spinal nerve branches, and a prolapsed L3–L4 intervertebral disc. Perfect for patient education. Flexibly mounted. Mounted on a stand for hanging.

Ref.no. A250
Details:

ERLER-ZIMMER VERTEBRAL COLUMNS

have flexible intervertebral discs which compress on one side and expand on the other during flexion. True to life, as in human. The elastic intervertebral discs prevent an unnatural cleft from occurring between vertebra and intervertebral disc when the vertebral column is flexed. All bone components are cast from a natural vertebral column and show all the structures, fissures, foramina and processes with anatomical accuracy. In addition to this exact reproduction of the individual vertebrae, particular importance has been attached to mobility. Via the use of an unbreakable, mobile metal hose, the vertebral column has lasting flexibility and is still as movable as on the first day, even after years of intensive use.

Our most frequently sold model for training, further instruction, patient information and demonstration. Particularly suitable for manual therapy.









Flexible vertebral columns



This model is capable of showing its superiority particularly in the demonstration of lordoses, kyphoses and scolioses in addition to in manual medicine.

Flexible intervertebral discs, emerging spinal nerves and the natural mobility provide a very good display of the interplay of the intervertebral disc, vertebra and nerves. The iliosacral joint is movable and the pelvis can be removed.

Owing to the elegant table stand, it is possible to leave the vertebral column in all natural positions for demonstration purposes. The optional stand is easy to fit and remove via a simple push-fit connector. The stand is easily portable and only 6 cm high.

Recommended by lecturers and course leaders!

Made in ♥ Germany

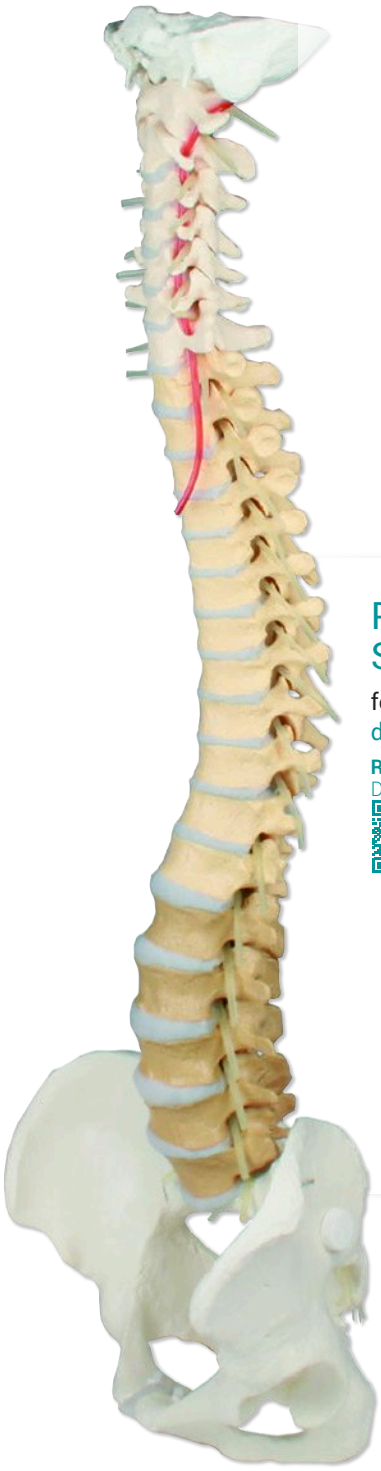


Professional Spine

for intensive use.

Ref.no. 4006
Details:

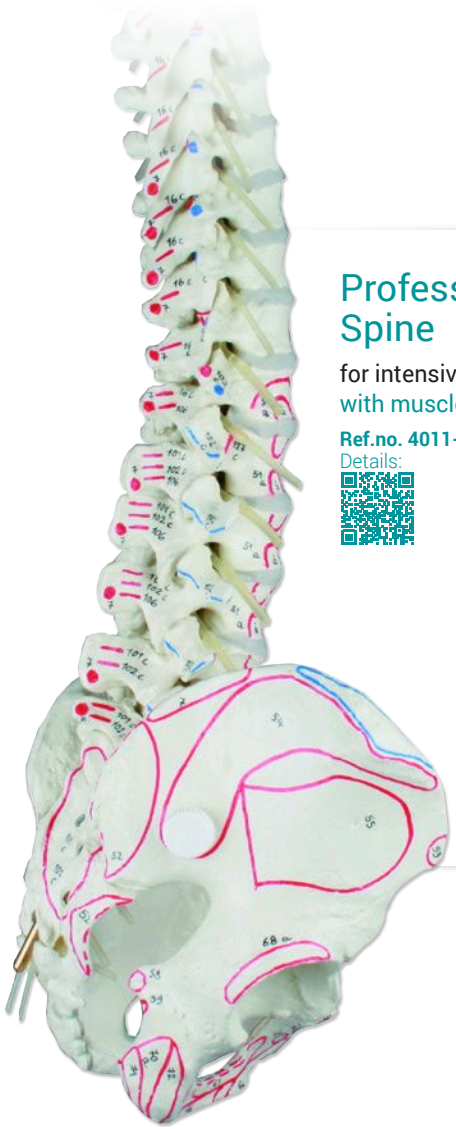
BEST SELLER



Professional Spine

for intensive use,
didactical coloured.

Ref.no. 4010-1
Details:



Professional Spine

for intensive use,
with muscle marking

Ref.no. 4011-1
Details:



TIP!
Stand for
Erler-Zimmer
Spines
Art. Nr. 4099

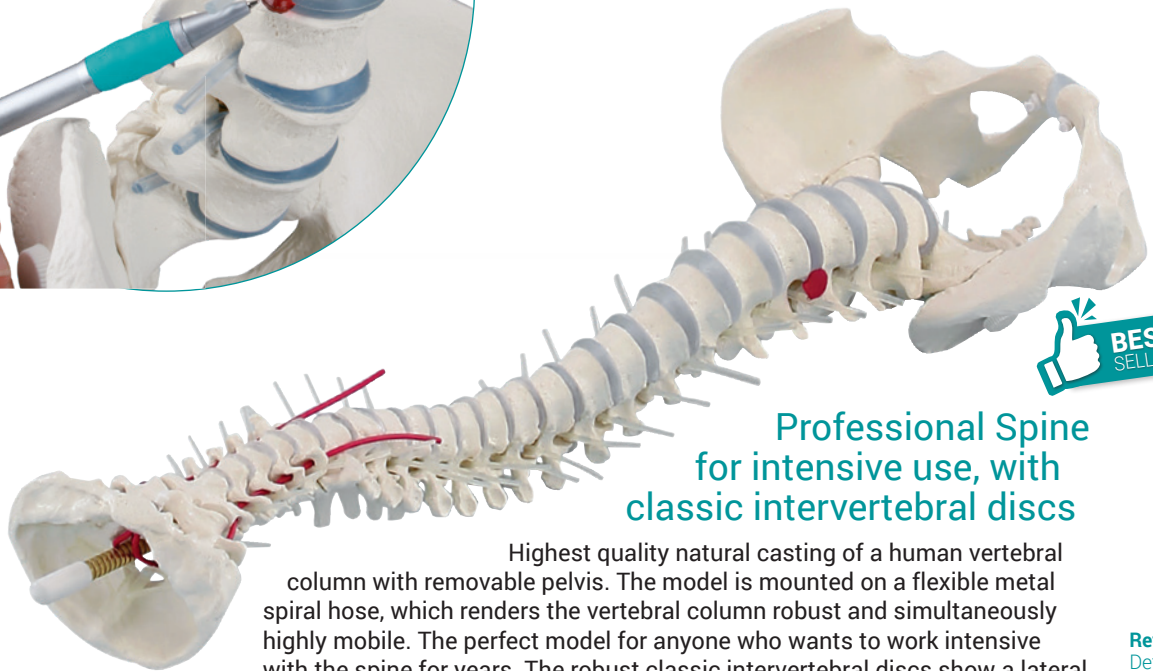


Professional Spine

for intensive use, Version with femur stumps.
The femur stumps are mounted movably and can be easily removed.

Ref.no. 4014-1
Details:





BEST SELLER

Professional Spine for intensive use, with classic intervertebral discs

Highest quality natural casting of a human vertebral column with removable pelvis. The model is mounted on a flexible metal spiral hose, which renders the vertebral column robust and simultaneously highly mobile. The perfect model for anyone who wants to work intensive with the spine for years. The robust classic intervertebral discs show a lateral prolapse between L2 and L3. The spinal nerves and vertebral artery are also represented. Without stand.

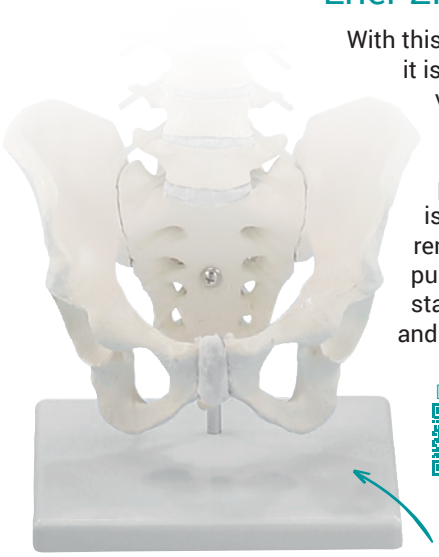
Ref.no. 4024
Details:



Professional Spine for intensive use, with classic intervertebral discs, Version with femur stumps

Highest quality natural casting of a human vertebral column with removable pelvis. The model is mounted on a flexible metal spiral hose, which renders the vertebral column robust and simultaneously highly mobile. The perfect model for anyone who wants to work intensive with the spine for years. The robust classic intervertebral discs show a lateral prolapse between L2 and L3. The spinal nerves and vertebral artery are also represented. With removable and articulating femur stumps. Without stand.

Ref.no. 4033-1
Details:



Stand for Erler-Zimmer Spines

With this elegant table stand, it is possible to leave the vertebral column in all natural positions for demonstration purposes. The stand is easy to fit and remove via a simple push-fit connector. The stand is easily portable and only 6 cm high.

Ref.no. 4099
Details:



Miniature Spinal Column

Scaled down model of the human spinal column, approx. ½ life size. With plug-on stand.

Ref.no. 4001
Details:

Miniature Spinal Column on hanging stand

Reduced size model of a human spine in about ½ life size. On hanging stand.

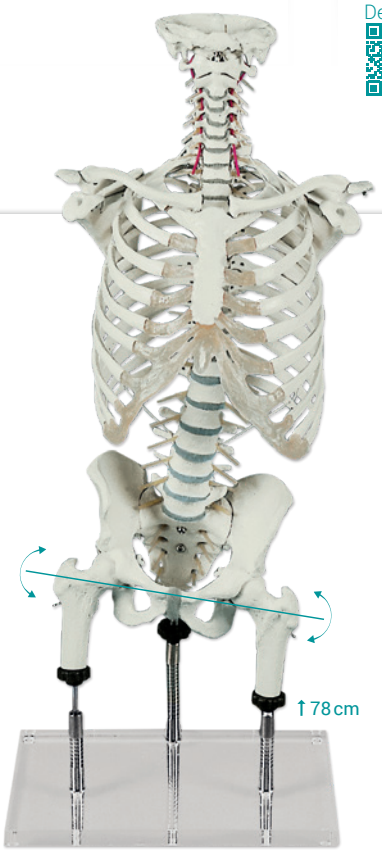
Ref.no. 4002
Details:



Vertebral column

for demonstration of malpositions. The femurs can be raised and lowered respectively and unilateral shortening of the leg and the resulting pelvic inclination can be simulated.

Ref.no. 4017
Details:



Vertebral column

for demonstration of malpositions (according to Zilgrei). Specially developed for Zilgrei training, but also suitable for physiotherapy, massage and music teaching institutions and for orthopaedics.

Ref.no. 4018
Details:



Vertebral column with thoracic cage

Mounting of the rib cage (thorax) with the shoulder girdle allows explanation of the combination of movements of the vertebral column and thoracic cage during breathing.

Ref.no. 4020
Details:



Lumbar vertebral column

With dorsolateral prolapse. With stand.

Ref.no. 4036
Details:



with pelvis

With dorsolateral prolapse. With stand.

Ref.no. 4040
Details:

Lumbar vertebral column with pelvis and femur stumps

With dorsolateral prolapse. With stand.

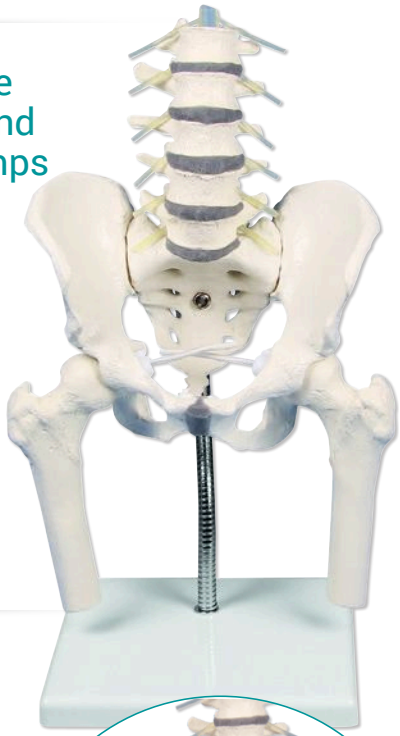
Ref.no. 4045
Details:

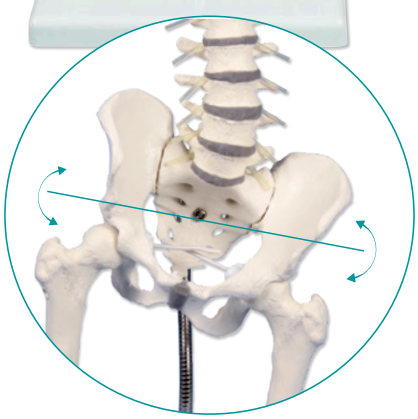


Lumbar spine with pelvis and femoral stumps

for demonstration of malpositions.
With flexible stand, allowing demonstration of malpositions e.g. one-sided shortening of the leg.

Ref.no. 4045G
Details:





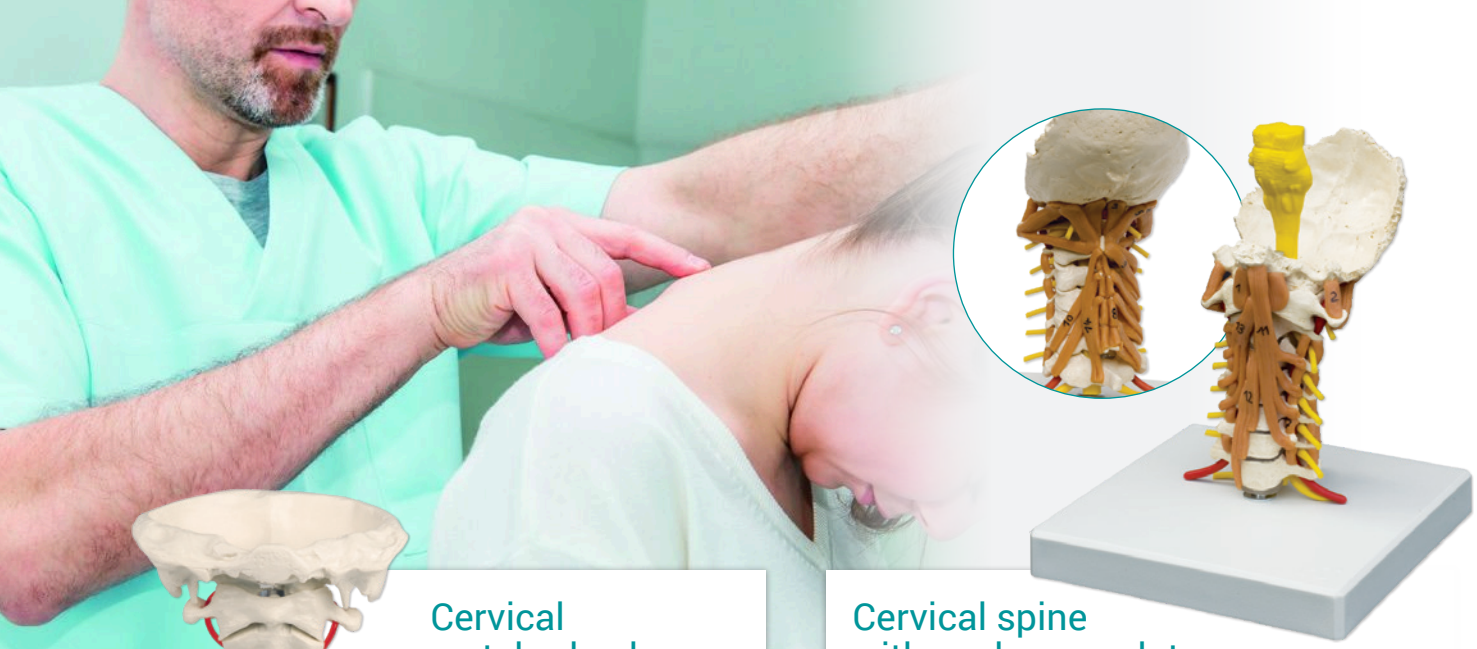
Pelvis, lumbar spine and lumbar mucles

Model showing superficial, deeper and deep musculature of the lumbar spine.

Ref.no. 4050
Details:

With spinal cord and nerves







Cervical vertebral column

C1 to C7 and a segment of the skull are flexibly mounted. With stand.

Ref.no. 4073

Details:

BEST SELLER

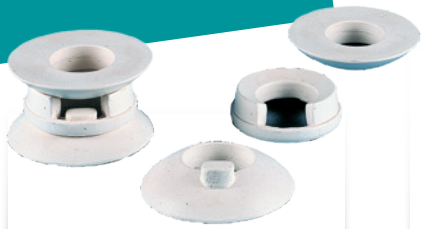
Cervical spine with neck musculature

This cervical spine shows deeper muscle layers. On base.

Ref.no. 4034

Details:

HEAD ARTICULATIONS



schematic

Schematic representation of the head joints demonstrating the movements in the atlantooccipital articulation and atlantoaxial articulation.

Ref.no. 4079

Details:



2x enlarged

With this unique model in double life size all movements in the atlanto-occipital and atlantoaxial articulation can be demonstrated admirably. With stand.

Ref.no. 4083

Details:



natural size

With this unique model in life size all movements in the atlanto-occipital and atlantoaxial articulation can be demonstrated admirably. With stand.

Ref.no. 4080

Details:



Vertebra collection, 8 vertebrae

2 lumbar vertebrae, 2 thoracic vertebrae, 2 cervical vertebrae as well as atlas and axis. On stand, mounted with intervertebral discs.

Ref.no. 4097

Details:



Without stand. Loose on Rubber.

Ref.no. 4098

Details:



2 lumbar vertebrae

elastically mounted.

Ref.no. 4090
Details:



3 thoracic vertebrae

elastically mounted.

Ref.no. 4092
Details:



Thoracic vertebral column

Th1 to Th12 are flexibly mounted. With stand.

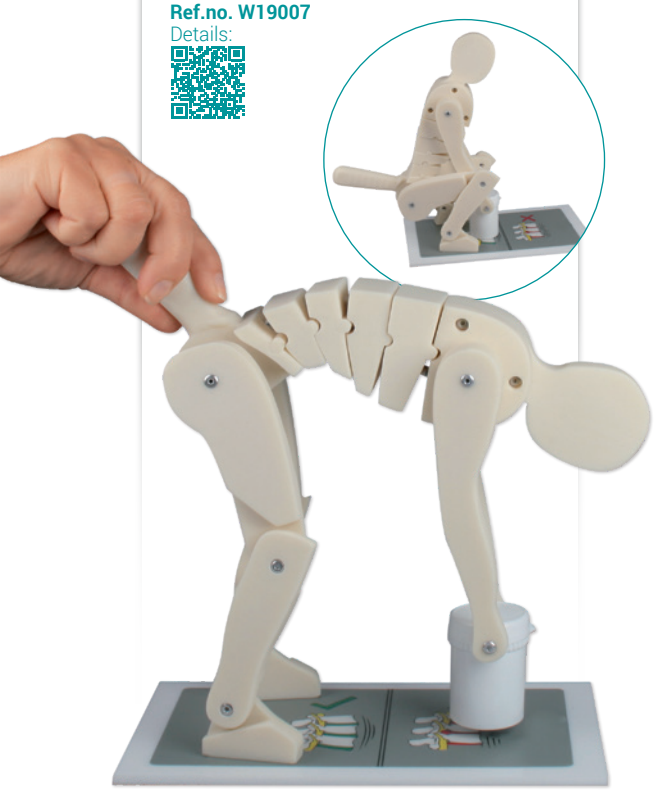
Ref.no. 4060
Details:



Vertebral column

loose on rubber

Ref.no. 4094
Details:



Demonstration figure

“correct and wrong lifting”

Ref.no. W19007
Details:



Bone structure model

500times life size.
Compact bone magnified approximately 500 times

Ref.no. A92
Details:

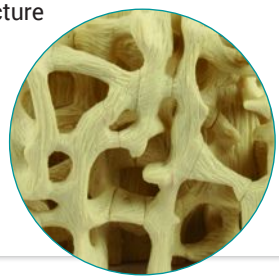




Healthy / osteoporotic bone structure comparison model

This model shows healthy structure on one side and osteoporotic changes on the other side.

Ref.no. 4062
Details:

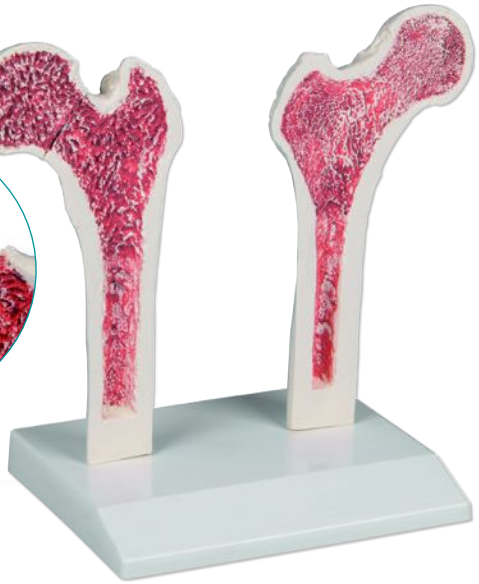


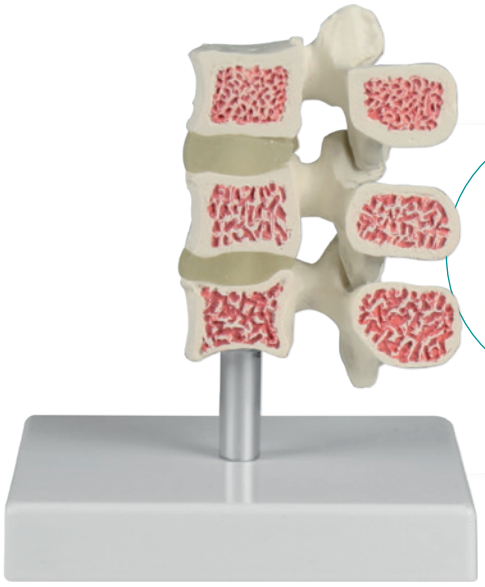
Osteoporosis Femur

This model shows the difference between a normal and osteoporotic femur.

Ref.no. 4030
Details:









Osteoporosis vertebrae model, 3 vertebrae

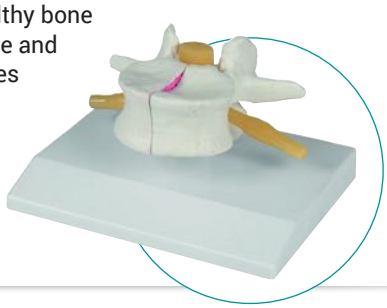
This model consists of three medially cut lumbar vertebrae with intervertebral discs.

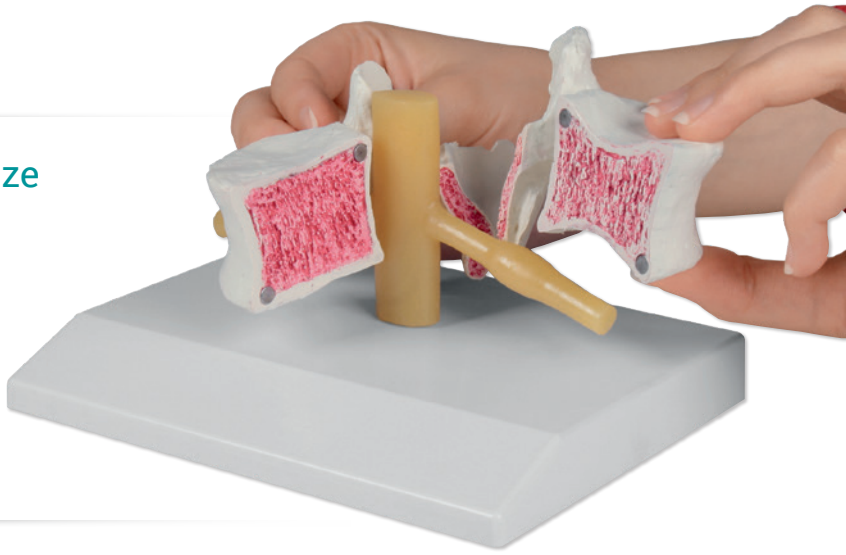
Ref.no. 4078
Details:

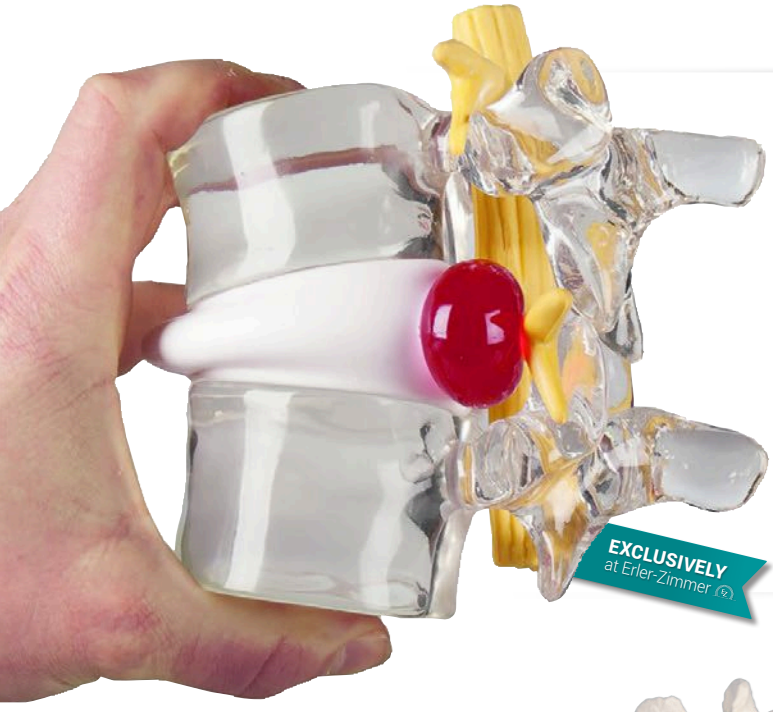
Osteoporosis vertebra, 2 times life size

This model of a human lumbar vertebra shows healthy bone structure on one side and osteoporotic changes on the other side.

Ref.no. 4068
Details:







Herniated disc simulator

This model of two lumbar vertebrae in about double life size has the opportunity to demonstrate a lateral intervertebral disc hernia. If the two vertebrae are pressed together, the inner core of the disc will be protruding to the outside, forming a hernia.

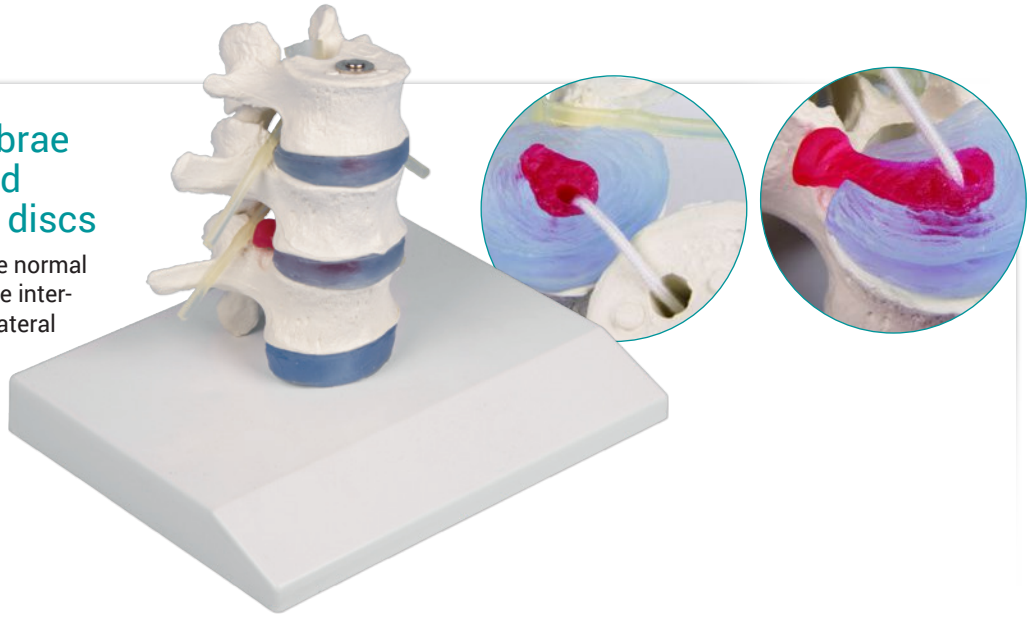
Ref.no. 4400
Details:



Lumbar vertebrae with prolapsed intervertebral discs

This model shows one normal intervertebral disc, one intervertebral disc with a lateral prolapse and one intervertebral disc with a medial prolapse. With stand.

Ref.no. 4047
Details:

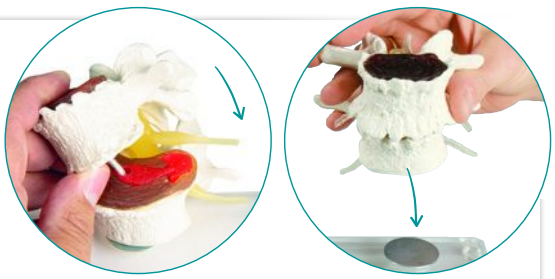


Stages of Disc Degeneration

This model shows the normal condition, slight disc damage, prolapse with bone degeneration and advanced bone and disc degeneration.

Ref.no. 7577
Details:

BEST SELLER





Skull cap



Skull base



Lower jaw

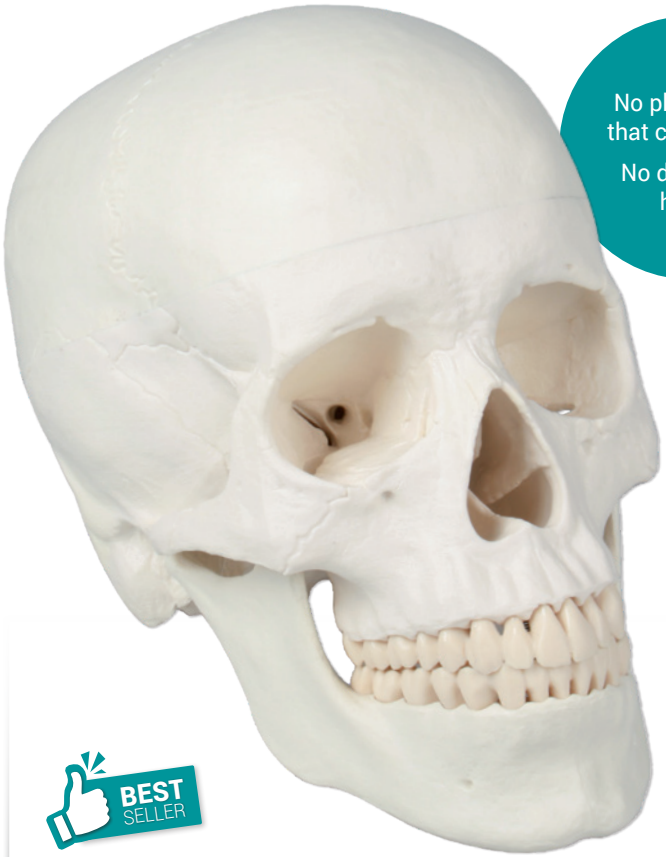




The fitting brain for these skulls can be found on page 60

No plastic pins that could break

No disturbing hooks



BEST SELLER

Skull model, 3 parts

Developing this lifelike reproduction of a human skull we have used the latest technology to digitalize a real human skull and idealized it under the aspects of medical education. This means the skull was adjusted to be anatomically ideal, all anatomical details and structures are present and correspond to anatomical teaching.

- ✓ The three part model consists of skull base, skull cap and lower jaw.
- ✓ The teeth correspond with real dentition concerning position and embrasure. The lower jaw is movably mounted and can be removed.
- ✓ The skull cap is aligned with the skull base using metal pins and held by strong magnets.
- ✓ Due to this there is no need for disturbing hooks, no plastic pins that could break and no risk of having a gap between skull cap and skull base. This distinguishes the model from competitor's skulls with plastic pins and disturbing metal hooks.

The model corresponds with an average European adult concerning size and proportions.

Ref.no. 4500
Details:

★

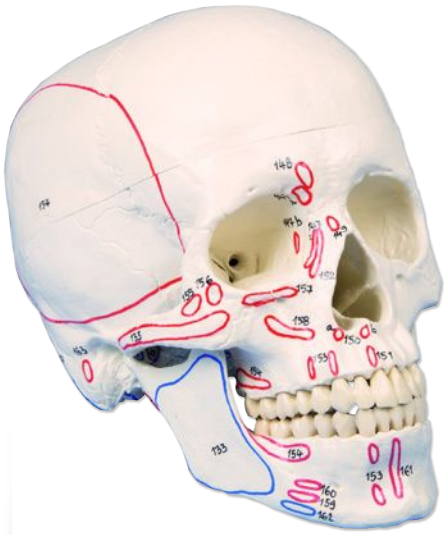
Due to modern production technologies and high production volume this very successful model can be offered at a very reasonable price, so everyone can afford this extraordinary model.



Skull model numbered

3-part. With numbered bones and structures. With nomenclature.

Ref.no. 4505
Details:



Skull model with muscle marking

3-part. With marking of muscle insertions and origins. With nomenclature.

Ref.no. 4509
Details:



Skull model didactical painted

3-part. With didactical painting of individual bones on one side of the skull.

Ref.no. 4508
Details:



Skull with masticatory muscles

3-part. The masticatory muscles are represented in the form of elastic bands. It is possible to demonstrate the function of the masticatory muscles with closure of the mandible, induction of opening of the mandible and lateral and forward displacement of the mandible.

Ref.no. 4512
Details:



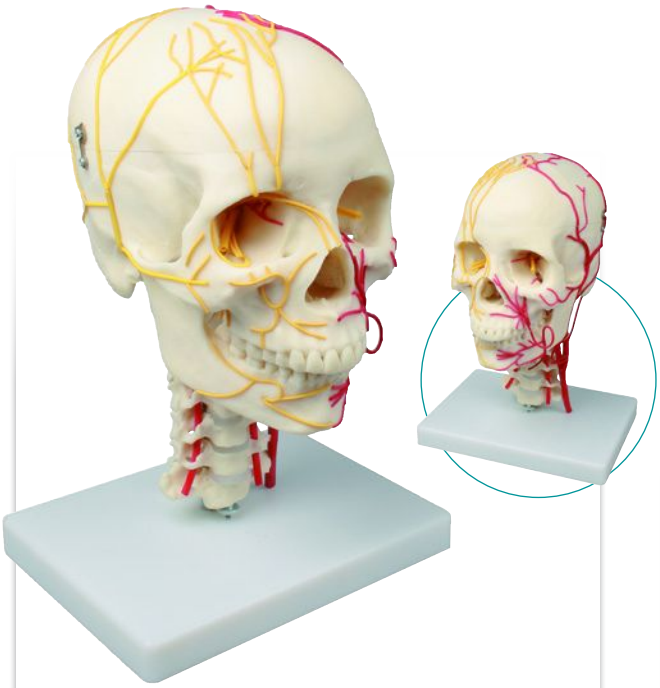
Skull with musculature

Human skull with the most important head muscles on one half.

Ref.no. 4514
Details:



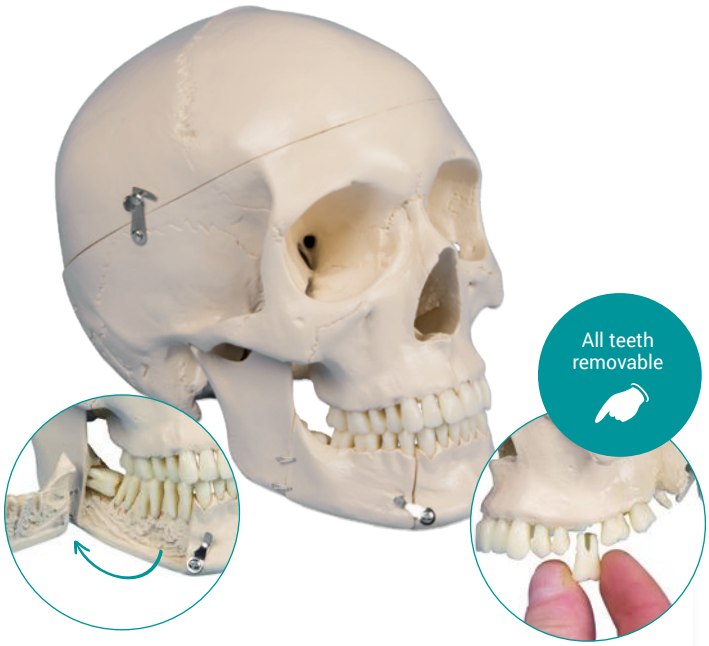
BEST SELLER



Neurovascular Skull

The arteries are shown on one side and nerves on the other. Removing the vault exposes the main nerves and arteries inside the skull. The 12 cranial nerves and their branches are also shown.

Ref.no. 4516
Details:



Dental skull, 4 parts

Complete dentition of 31 individual teeth with full roots. You may pull teeth of maxillae and mandible for individual demonstration and place them back into the socket, only the ones behind the bone flap are fixed. The bony flap on one side of mandible can be opened to show nerve canal, bony structure, roots of teeth and an impacted third molar.

Ref.no. 4513
Details:



Skull model, 3-part with spine skull stand

3-part skull 4500 on stand in the shape of a flexible spine. The spine shows vertebrae C1 to Th3. The spine is movable, the skull can be removed.

Ref.no. 4533
Details:



Miniature skull, 3 part

Miniature of a natural skull in about half life size. With movable mandible and removable skull cap. On removable stand.

Ref.no. 4650
Details:

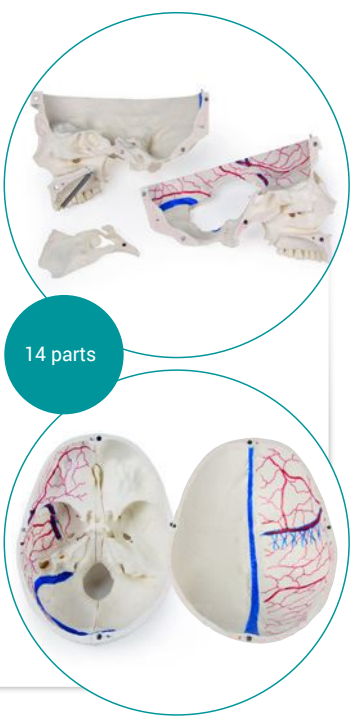


Deluxe demonstration skull for advanced studies

This skull model is a natural cast of a real human skull and shows all anatomical structures in highest detail. It was developed for students of anatomy, medicine, surgery, otorhinolaryngology, ophthalmology and dentistry.

The skull is complexly cut and joined together with metal and magnetic connections. The model can be disassembled into 14 parts and joins together without clips or similar only by magnets. Vascular courses are marked in colour in the skull, in the jaw, vessels and nerve courses are reproduced. In the right lower jaw the teeth are cut, which makes the skull even more interesting.

Ref.no. 4800
Details:

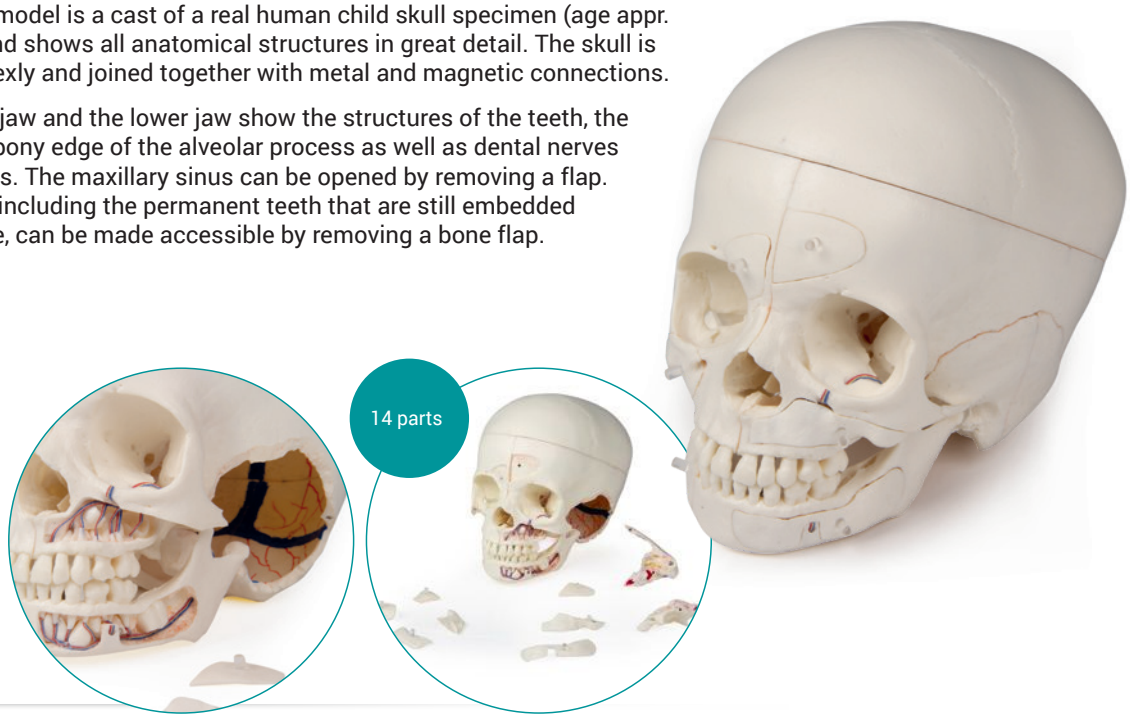


Luxury Demonstration Child Skull for advanced studies

This skull model is a cast of a real human child skull specimen (age appr. 3 years) and shows all anatomical structures in great detail. The skull is cut complexly and joined together with metal and magnetic connections.

The upper jaw and the lower jaw show the structures of the teeth, the roots, the bony edge of the alveolar process as well as dental nerves and vessels. The maxillary sinus can be opened by removing a flap. The teeth, including the permanent teeth that are still embedded in the bone, can be made accessible by removing a bone flap.

Ref.no. 4810
Details:



OSTEOPATHIC SKULL MODEL 22-part



The following bones are represented:

- ✓ Parietal bone left and right
- ✓ Occipital bone
- ✓ Temporal bone left and right
- ✓ Sphenoid bone
- ✓ Frontal bone
- ✓ Ethmoid bone
- ✓ Vomer
- ✓ Palatine bone, left and right
- ✓ Inferior nasal concha left and right
- ✓ Maxilla with teeth, left and right
- ✓ Lacrimal bone left and right
- ✓ Nasal bone left and right
- ✓ Zygomatic bone left and right
- ✓ Mandible with teeth

Anatomical version

This fascinating model of an average European adult skull can be disassembled into 22 single bones. During development of this model we have digitalized a real human skull with latest technology and idealized it, meaning it was adjusted to the standard anatomy. This distinguishes it remarkably from almost all competitor's products. Amongst these some are too small, others show improper detail.

Stable parts with convenient magnet connections make handling of the product a child's play. The detailed bones do not need any complicated pins to be stuck into holes, they almost slide into position, guided by realistic bone sutures and held by strong magnets. Using this technology we have almost completely avoided the use of connection pins like in other model because these are not durable and tend to break.

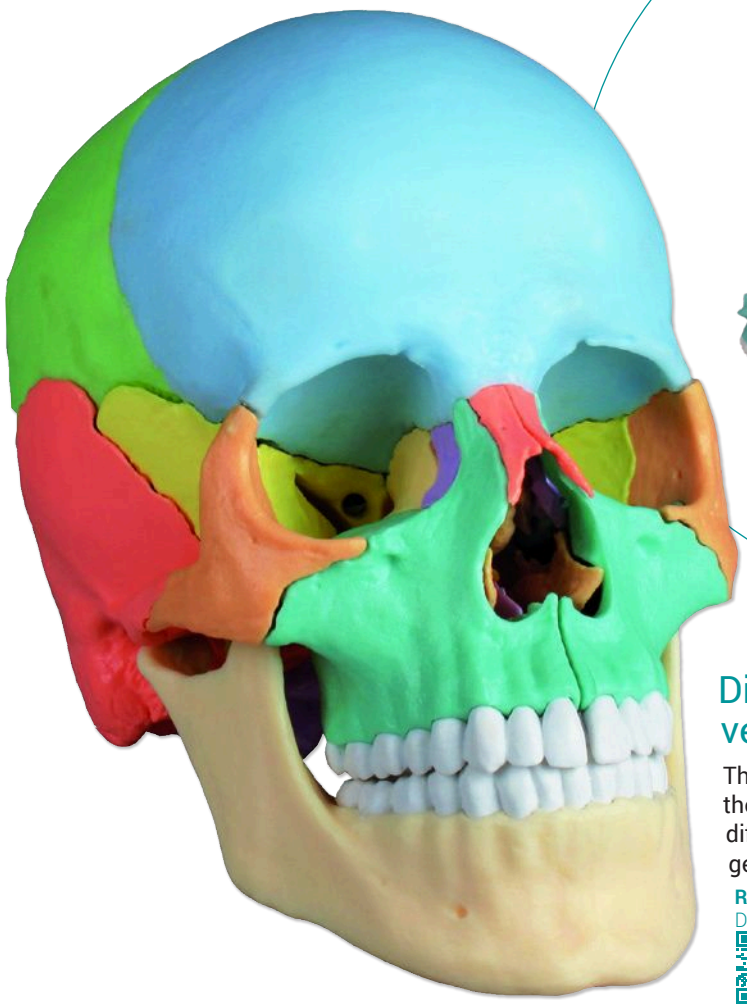
Supplied with users guide in English and German as well as a CD with Key card document in Latin, German, English, French, Spanish, Portuguese, Italian, Polish, Russian, Arabic, Korean and Japanese.

Model in natural bone color.
Ref.no. 4701
Details:

Because of the excellent anatomy and ease of usage this model is the perfect tool for osteopaths.



The fitting brain for these skulls can be found on page 60





UNIQUE IN THE WORLD

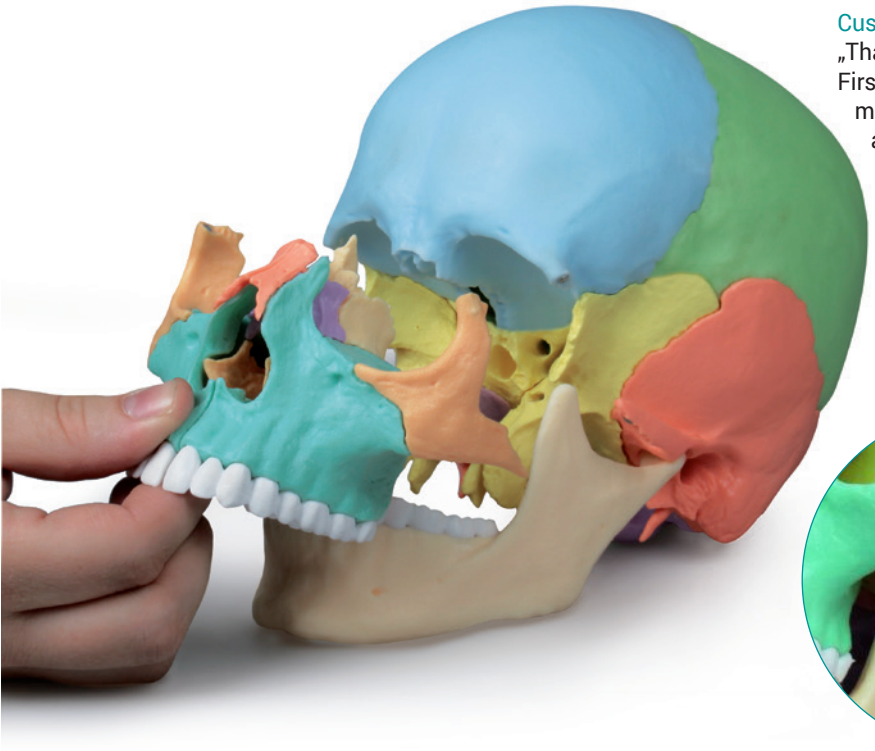
BEST SELLER

Didactical version

This version is perfect for visual distinction of the single bones. The bones are produced in different colors, commonly used in anatomy, geminate bones do have identical color.

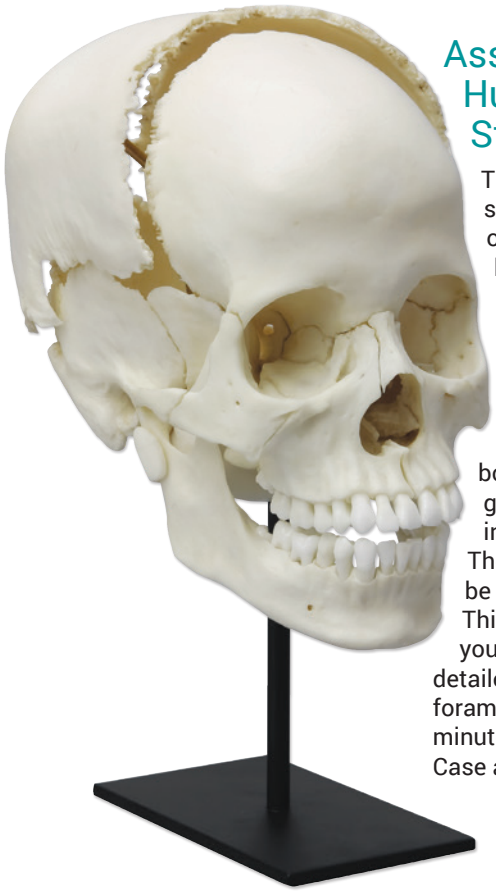
Ref.no. 4708
Details:

Customers reply about this product:
„Thank you for sending this skull so quick. First experiences are completely positive. The magnetic connections are surprisingly stable, all bones are like they are shown in anatomical books with amazing details, and the materials on DVD are also very good. The included replacement for the small bones is an excellent and foresightful service."
MTRA school of the University Hospital of Tuebingen





Can be dismantled into 22 single bones



Assembled Human Medical Study Skull

This premier anatomy skull is a composite of 22 separate cranial bones and 32 separate teeth. It is articulated bone by bone from the completely disarticulated version and is cradled on a stand with both parietal bones separated, thereby giving access to the interior of the cranium. The 32 separate teeth may be removed individually. This skull of a probable young adult female is finely detailed, showing all the foramina, canals, sutures and minute details of a real skull. Case and Stand Included.

Ref.no. 4705
Details:

Disassembled Human Medical Study Skull

The Museum-quality casting procedures preserve minute surface detail with the appearance and texture of real bone. There are no casting „flash lines“ that can obscure detail. The skull is much more durable and will withstand much more handling than real bone. All foramina have been rendered patent, allowing even small branches of nerves and small blood vessels to be traced through this skull. Comes in a premium custom case, lined with foam for protection and archival durability.

Ref.no. 4706
Details:





Scaphocephalic Skull

An excellent example of a condition in which the skull is abnormally long and narrow, as a result of premature closure of the sagittal suture, with heavy centers of ossification in the line of the suture.

Ref.no. 4778
Details:



Disarticulated Human Fetal Skull Full Term

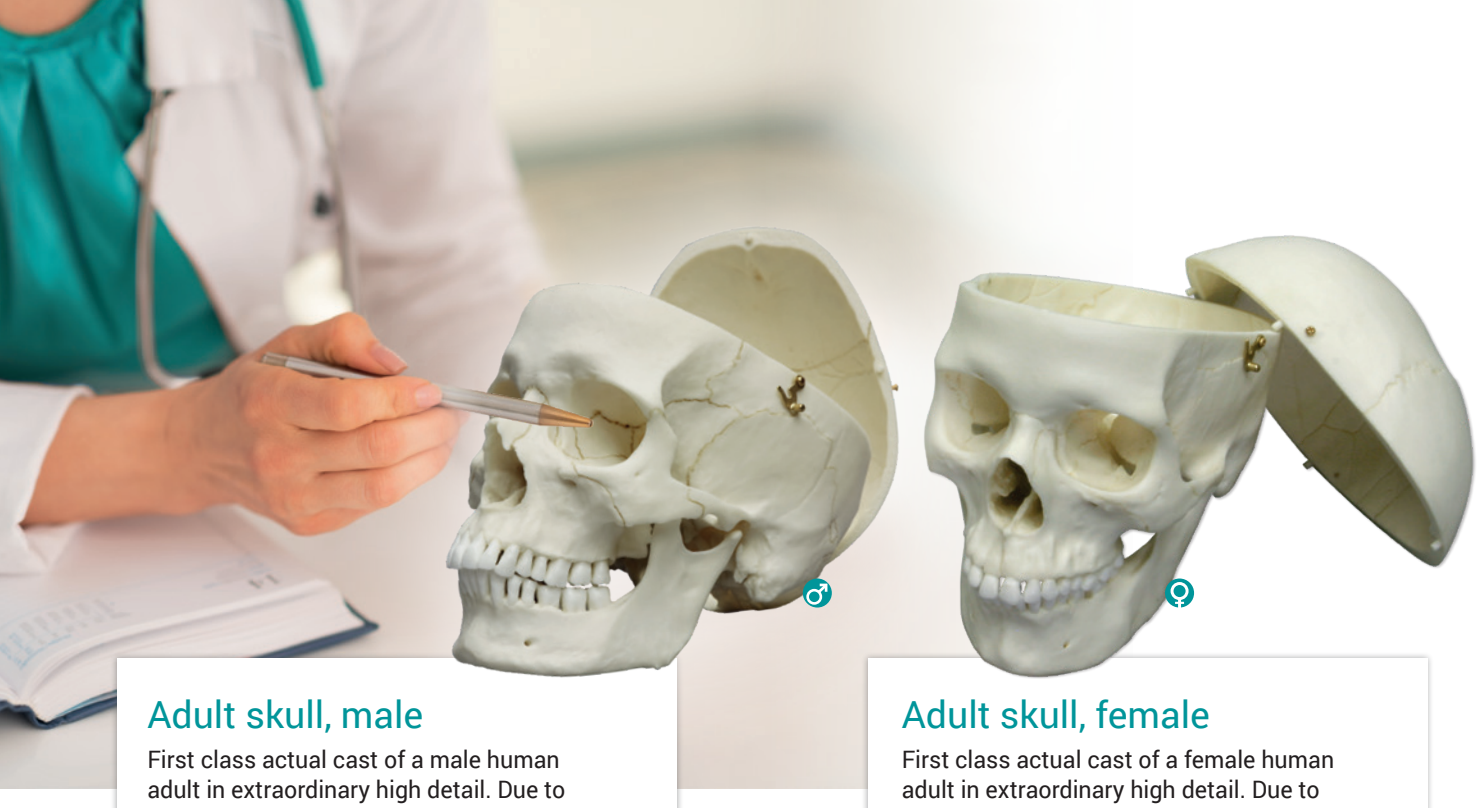
It was possible to reproduce every bone, small and large, in precise detail. A perfect specimen for study in forensic anthropology, physical anthropology and anatomy.

Ref.no. 4728
Details:



supplied with storage box





Adult skull, male

First class actual cast of a male human adult in extraordinary high detail. Due to the very special production technology even smallest details are reproduced and the model looks and feels almost like a real human skull.

Ref.no. 4710
Details:





Fitting brains for the skulls 4710 and 4715 can be found on page 61

Adult skull, female

First class actual cast of a female human adult in extraordinary high detail. Due to the very special production technology even smallest details are reproduced and the model looks and feels almost like a real human skull.

Ref.no. 4715
Details:





Adolescent skull

female. First class actual cast of a female human adolescent in extraordinary high detail. Due to the very special production technology even smallest details are reproduced and the model looks and feels almost like a real human skull. Two part model.

Ref.no. 4721
Details:

13 year old

This skull offers an excellent example of an adolescent. With the exception of the wisdom teeth, all permanent teeth are fully erupted, and no deciduous dentition remains.

Ref.no. 4739
Details:

12 year old

First class actual cast of a female human adolescent in extraordinary high detail. Two part model.

Ref.no. 4725
Details:

9 year old

First class actual cast of a 9 year old child in extraordinary high detail.

Ref.no. 4779
Details:

5 year old

First class actual cast of a 5 year old child in extraordinary high detail.

Ref.no. 4730
Details:

CHILD SKULL





4 year old

First class actual cast of a 4 year old child in extraordinary high detail.

Ref.no. 4774
Details:



3 year old

First class actual cast of a 3 year old child in extraordinary high detail. This skull also shows numerous Wormian (sutural) bones.

Ref.no. 4776
Details:



1½ year old

First class actual cast of a 1 1/2 year old child in extraordinary high detail.

Ref.no. 4775
Details:



15 months old

First class actual cast of a 15 months old child in extraordinary high detail.

Ref.no. 4740
Details:



14 months old

First class actual cast of a 14 months old child in extraordinary high detail.

Ref.no. 4777
Details:



1 year old

First class actual cast of a 1 year old child in extraordinary high detail and calvarian cut.

Ref.no. 4770
Details:

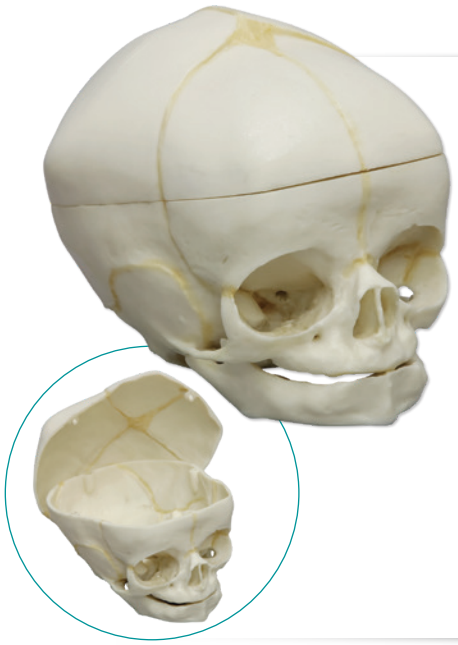
FETAL HUMAN SKULL



This amazing series of foetal skull reproductions is unique in the world. The extreme high quality of the models makes it difficult to distinguish between a real skull and the model. This series gives an impressive overview over the development of the skull in utero.

1. 40½ weeks **Ref.no. 4742**
2. 40 weeks **Ref.no. 4745**
3. 35 weeks **Ref.no. 4746**
4. 34 weeks **Ref.no. 4747**
5. 32 weeks **Ref.no. 4750**
6. 31 weeks **Ref.no. 4755**
7. 30 weeks **Ref.no. 4757**
8. 29 weeks **Ref.no. 4760**
9. 21½ weeks **Ref.no. 4762**
10. 20 weeks **Ref.no. 4765**
11. 17 weeks **Ref.no. 4767**
12. 13 weeks **Ref.no. 4768**

Ref.no. 4742-4768
Details:



40th week with Calvarium Cut

We are excited to offer what is, perhaps, the only fetal skull with the calvarium cut. The detail present in this skull, including the ossicles, all calvarial sutures, and fontanelles, will guarantee its value as a teaching tool both for the educator and practitioner.

Ref.no. 4727
Details:



30th week Fetus skull

This model represents a human foetal skull in the 30th week of pregnancy.

Ref.no. 4519
Details:



38th week Didactic Foetal Skull

A very realistic model of a 38-week foetal skull manufactured from our unique bone-like material. The main bones of the skull coloured for easy identification. Supplied with key card.

Ref.no. 4518
Details:



Skeleton of hand

All hand bones are individually mobile mounted on wire.

Ref.no. 6001
Details:



Hand skeleton on Nylon

Because of the lose mounting on nylon wire all bones can be separated and studied individually.

Ref.no. 6004
Details:



Skeleton of the hand with bone numbering

All hand bones are individually mobile-mounted on wire. With numbering. With nomenclature.

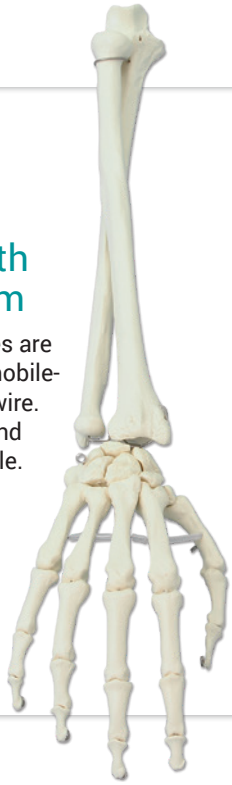
Ref.no. 6002
Details:



Hand-skeleton

Natural, non-movable one-piece casting of a human hand. On stand.

Ref.no. 6040
Details:



Hand with lower arm

All hand bones are individually mobile-mounted on wire. With radius and ulna. Moveable.

Ref.no. 6008
Details:



Hand with ligaments of the wrist

Hand and lower arm with representation of the wrist ligaments.

Ref.no. 6010
Details:

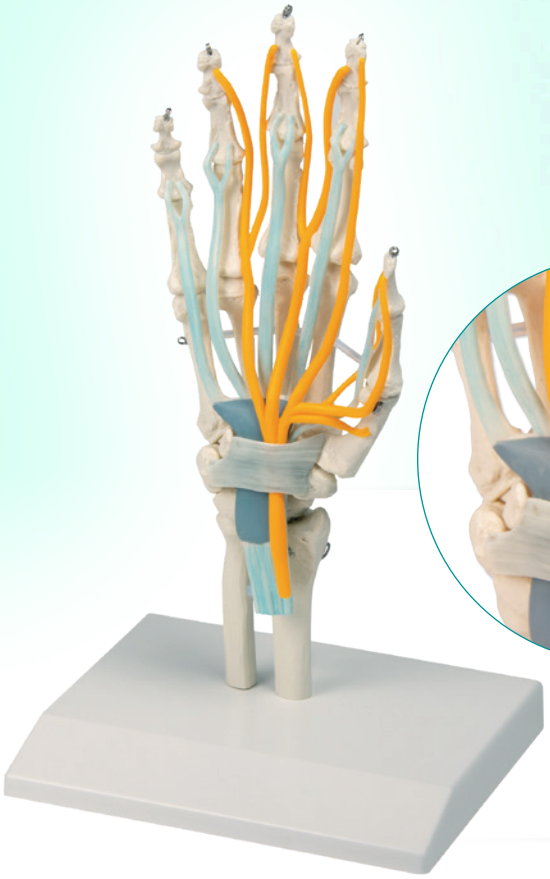
Human Magnetic Hand, Right

All but the medial/ distal phalanges are magnetic assembled and completely separable. Base included.

Ref.no. 6005
Details:









BEST SELLER

Hand with Tendons, Nerves and Carpal Tunnel

Hand with start of lower arm, with Tendons, Carpal Tunnel and Nerves.

Ref.no. 6011
Details:



Hand anatomy structure model

Shows all important structures like muscles, tendons, ligaments, bones and nerves. The model is not dissectible and can be removed from the stand.

Ref.no. M260
Details:

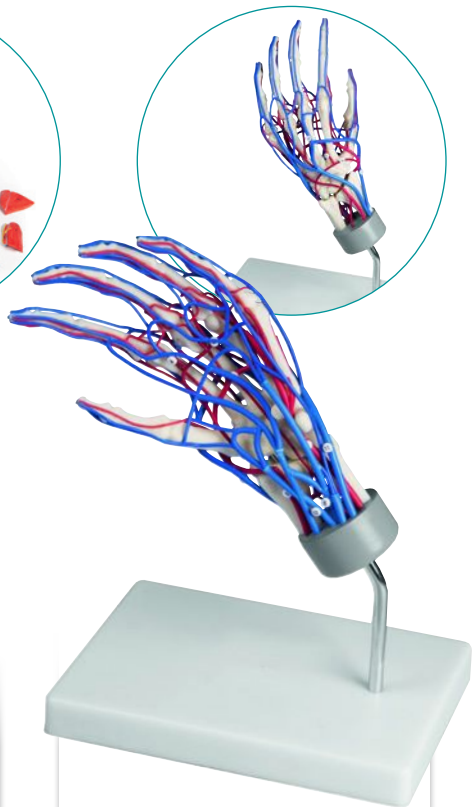


NEW PRODUCT

Layer model of the hand

The superficial layers can be removed one by one and reveal the structures beneath. Muscles, blood vessels, nerves, tendons, ligaments and bones are shown in detail.

Ref.no. M161
Details:



Vascular Hand

Life size model of the hand with all major veins and arteries depicted. On stand.

Ref.no. 6081
Details:

Skeleton of arm with shoulder girdle

True to life casting of a skeleton of the human arm. The rolling movements of the bones of the lower arm (pronation and supination) and movements of the hand joint can be demonstrated. The hand is mobile-mounted on wire.

Ref.no. 6016
Details:

BEST SELLER



★ Sliding Joints in the shoulder

Allow all natural movements in the joint.



Skeleton of arm with shoulder girdle and muscle marking

True to life casting of a skeleton of the human arm. The rolling movements of the bones of the lower arm (pronation and supination) and movements of the hand joint can be demonstrated. The hand is mobile-mounted on wire. Including marking of muscle origins and insertion points.

Ref.no. 6021
Details:

Skeleton of arm

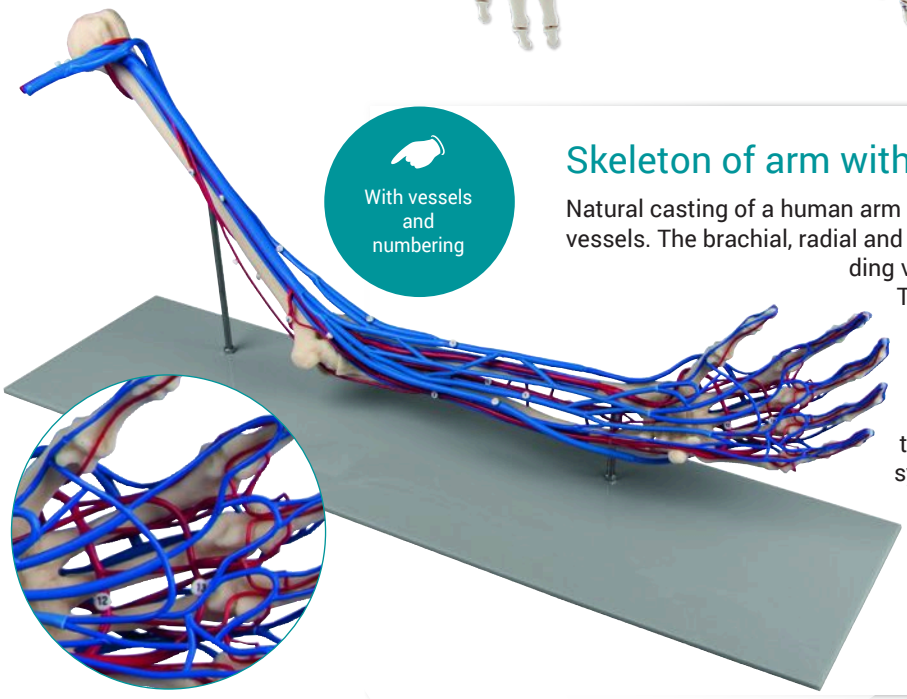
Model as 6016,
but without shoulder girdle.

Ref.no. 6012 (not pictured)
Details:

Skeleton of arm with muscle marking

Model as 6021,
but without shoulder girdle

Ref.no. 6020 (not pictured)
Details:



With vessels and numbering

Skeleton of arm with vessels

Natural casting of a human arm with representation of the blood vessels. The brachial, radial and ulnar arteries with their corresponding veins and root arteries are shown. The complete dorsal and palmar circulatory system of the hand is represented. Emphasis has been placed on the correct size ratio between the individual vessels in order to facilitate study of the vascular system of the arm. On stand.

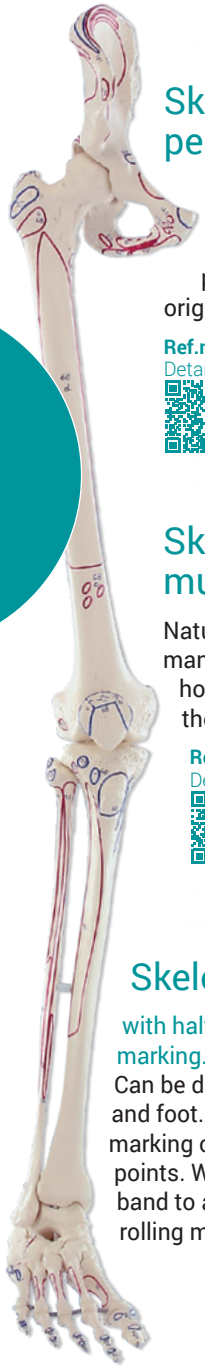
Ref.no. 6080
Details:



Skeleton of leg with half pelvis

Natural casting of a human leg. Can be dismantled into femur, tibia, fibula and foot. With removable half pelvis.

Ref.no. 6068
Details:



Skeleton of leg with half pelvis and muscle marking

Natural casting of a human leg. Can be dismantled into femur, tibia, fibula and foot. With removable half pelvis. With marking of the muscle origins and insertion points.

Ref.no. 6070
Details:

Sliding joints
in shoulder, hip and ankle allow all natural movements.

Skeleton of leg

Natural casting of a human leg. Can be dismantled into femur, tibia, fibula and foot. Without removable half pelvis.

Ref.no. 6062 (not pictured)
Details:

Skeleton of leg with muscle marking

Natural casting of a human leg. Can be dismantled into femur, tibia, fibula and foot. Without removable half pelvis. With marking of the muscle origins and insertion points.

Ref.no. 6071 (not pictured)
Details:

Skeleton of leg

with half pelvis and movable foot. Natural casting of a human leg. Can be dismantled into femur, tibia, fibula and foot. With removable half pelvis. With a foot mounted on rubber band to allow demonstration of the rolling movement.



Ref.no. 6069
Details:

Skeleton of leg

with half pelvis and flexible foot, with muscle marking. Natural casting of a human leg. Can be dismantled into femur, tibia, fibula and foot. With removable half pelvis. With marking of the muscle origins and insertion points. With a foot mounted on rubber band to allow demonstration of the rolling movement.

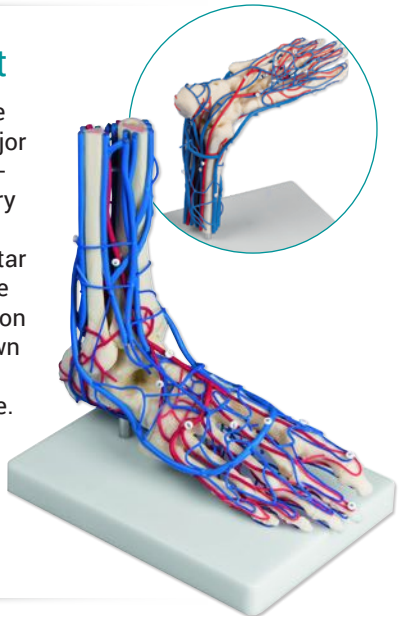


Ref.no. 6072
Details:

Vascular Foot

Life size model of the right foot with all major veins and arteries depicted. The circulatory system is shown on both dorsal and plantar surfaces. Foot can be removed and placed on the stand upside down to facilitate viewing of the plantar surface. Mounted on a stand.

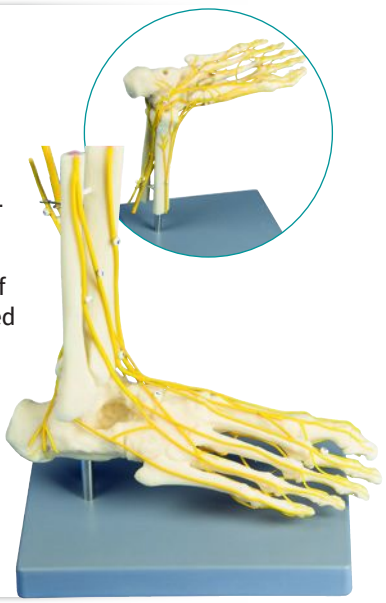
Ref.no. 6082
Details:



Neuro Foot

Life size model of the right foot with all major nerves depicted, shown on both dorsal and plantar surfaces. Foot can be removed and placed on the stand upside down to facilitate viewing of the plantar surface. Mounted on a stand with keycard.

Ref.no. M28
Details:



FOOT SKELETONS





Skeleton of foot

Natural casting of a human foot. All bones flexible mounted on wire.

Ref.no. 6050
Details:



Skeleton of foot

numbered. Natural casting of a human foot. All bones flexible mounted on wire. With bone numbering.

Ref.no. 6051
Details:



Foot skeleton on Nylon

This foot skeleton is very handy for those who want to study single bones in detail. Because of the lose mounting on nylon wire all bones can be separated and studied individually. Nevertheless they always stay in correct anatomical position within the foot.

Ref.no. 6061
Details:



Skeleton of foot with tibia and fibula insertion

Natural casting of a human foot flexible mounted on wire. With tibia and fibula insertion.

Ref.no. 6053
Details:



Skeleton of foot with tibia and fibula insertion

numbered. Natural casting of a human foot flexible mounted on wire. With tibia and fibula insertion. With bone numbering.

Ref.no. 6054
Details:



Foot, block model, immovable

Natural one-piece casting of a human foot. Representation of all structures and anatomical details. With tibia and fibula insertion.

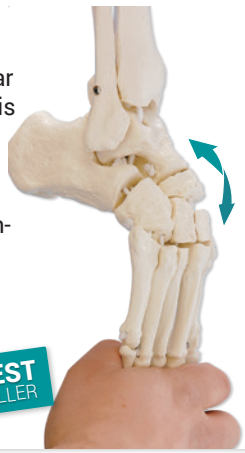
Ref.no. 6060
Details:

Skeleton of foot with tibia and fibula insertion

movable mounting. True to life casting of a human foot with tibia and fibular insertion. The foot is movable mounted on rubber and the rolling motion can therefore be demonstrated admirably.

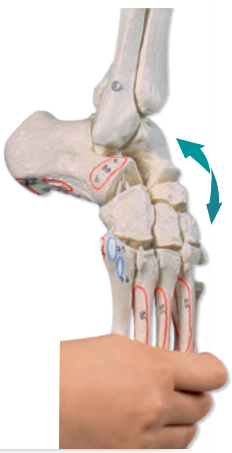
Ref.no. 6056
Details:

BEST SELLER



movable and numbered With bone numbering and nomenclature.

Ref.no. 6057
Details:



Foot Model Series

This life size model of a right human foot is medially opened and shows bones, joints, ligaments, fatty tissue and muscles. The start of lower leg is also represented as cross-section and shows tibia and fibula as well as the corresponding muscles, ligaments, vessels and fatty tissue.



Normal foot
Ref.no. M230
Details:



Flat foot, pes planus
Ref.no. M231
Details:



Hollow foot, pes cavus
Ref.no. M232
Details:

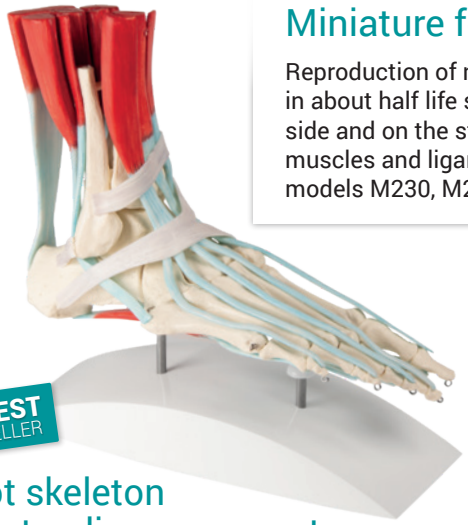


Miniature feet set



Reproduction of normal foot, flat foot and arched foot in about half life size. The models are cut open on the side and on the start of the lower leg, they show bones, muscles and ligaments. Scaled down reproduction of models M230, M231 and M232. Only available as set.

Ref.no. M233
Details:



BEST SELLER

Foot skeleton with tendinous apparatus

Life size foot skeleton with representation of the tendinous apparatus with related muscles. All bones of the foot as well as start of tibia and fibula are represented separately. With removable stand and Key Card in Latin, German and English.

Ref.no. 6052
Details:

BEST SELLER

Anatomy of the foot

This 9-part model shows significant structures of the foot such as muscles, nerves, vessels and ligaments.

Ref.no. M139
Details:





9 parts

Human Magnetic Foot, Right

An innovative concept that adds a dynamic component to the study of foot anatomy! Strategically built-in magnets help guide the assembly as students learn about the intricate features of the individual bones and their articulations. All but the phalanges are completely separable in this unique Magnetic Foot. Base included.

Ref.no. 6009
Details:



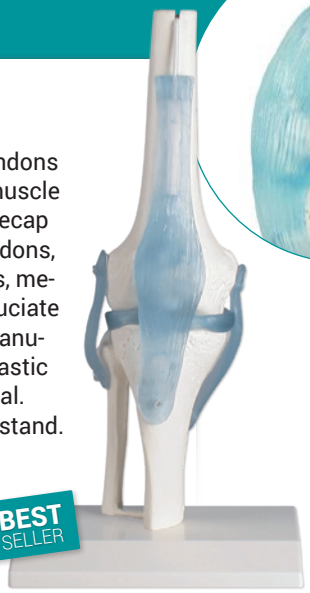
Knee joint

The insertion tendons of the straight muscle of the thigh, kneecap with patellar tendons, lateral ligaments, meniscuses and cruciate ligaments are manufactured from elastic synthetic material. With removable stand.

Ref.no. 4552
Details:

BEST SELLER





with ligaments



Hip joint

The ligamentary apparatus with the iliofemoral ligament, ischiofemoral ligament and pubofemoral ligament allow demonstration of the movements of the hip joint. With removable stand.

Ref.no. 4553
Details:

Elbow joint

The ligamentary apparatus and the interosseous membrane are manufactured from elastic material. With removable stand.

Ref.no. 4556
Details:





BEST SELLER

Shoulder Joint

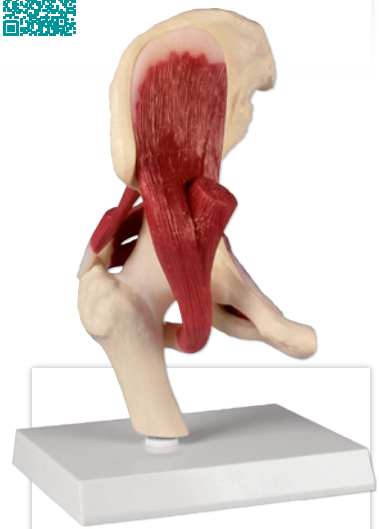
Human shoulder joint in life size with rotator cuff (Supraspinatus, infraspinatus, teres minor, teres major and subscapularis muscle) as well as the biceps brachii tendon. Limited movability. On stand.

Ref.no. 4550
Details:



life size, with muscles





Knee Joint

Human knee joint in life size with all important muscles and ligaments (collateral ligaments, meniscus, crucial ligaments, patellar tendon). Not movable. On stand.

Ref.no. 4662
Details:

Shoulder Joint

Human shoulder joint in life size with rotator cuff (Supraspinatus, infraspinatus, teres minor, teres major and subscapularis muscle) as well as the biceps brachii tendon. Limited movability. On stand.

Ref.no. 4661
Details:

Hip Joint

Human hip joint in life size with all important muscles and ligaments. Limited movability. On stand.

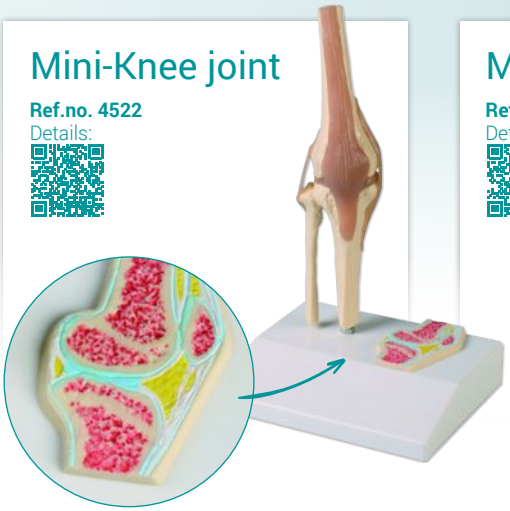
Ref.no. 4663
Details:

Miniature joints with cross section

These joint models in about ½ life size show the structures of the joint as well as the major ligaments. The inner structures can be explained with the cross section mounted on the base of the model.

Mini-Knee joint

Ref.no. 4522
Details:



Mini-Shoulder joint

Ref.no. 4520
Details:



Mini-Hip joint

Ref.no. 4523
Details:



Longitudinal section-model knee

Frontal longitudinal section of the human knee joint.

Ref.no. 4570
Details:



Model of Shoulder

with Deep Muscles. This model illustrates in great details the muscles, ligament and bones of the shoulder. Life size model in on piece.

Ref.no. 4569
Details:

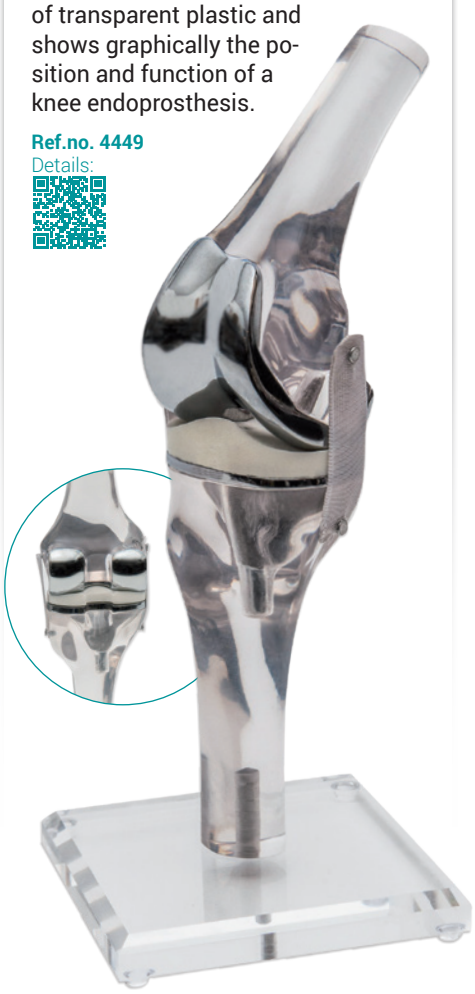


Knee model with endoprosthesis

BEST SELLER

This life size knee model is made of transparent plastic and shows graphically the position and function of a knee endoprosthesis.

Ref.no. 4449
Details:



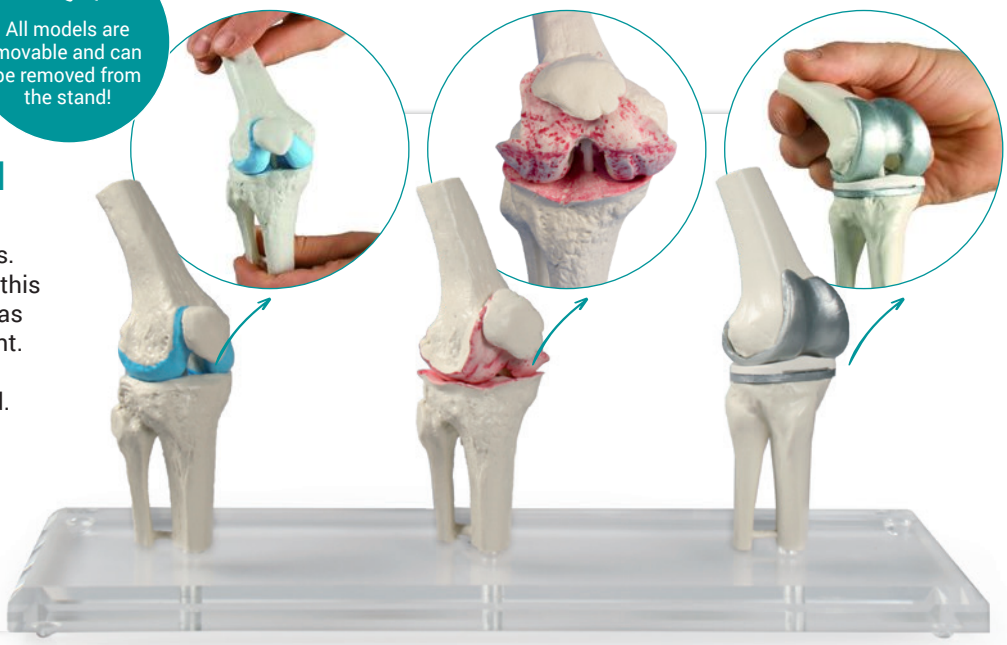
All models are movable and can be removed from the stand!

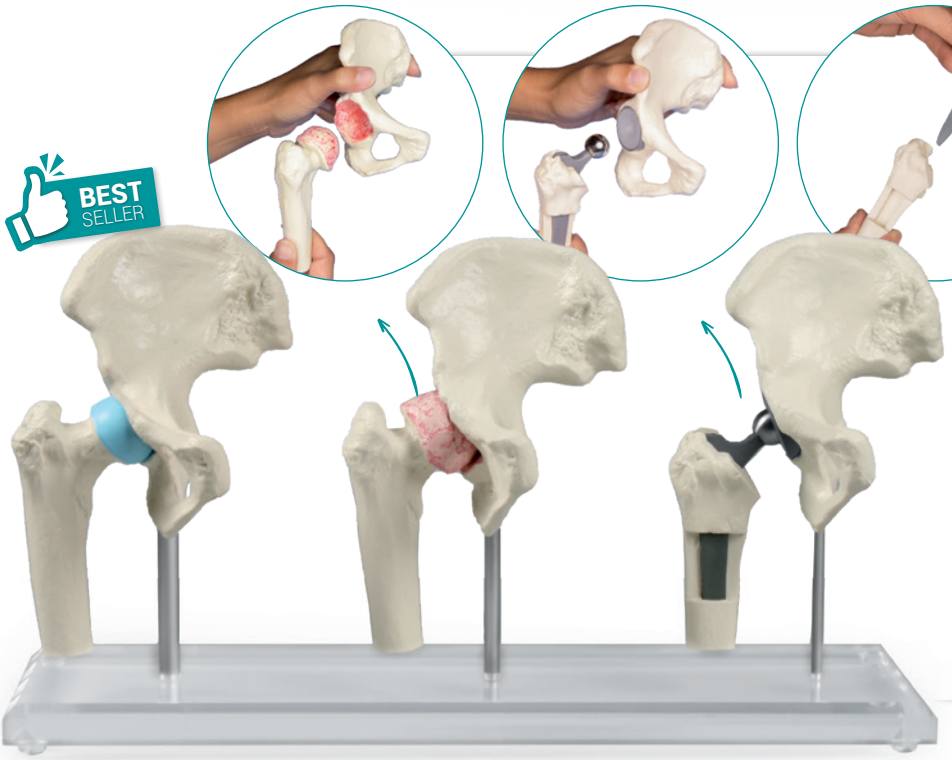
Knee-Implant-Model

This impressive model shows three scaled down knee models. In addition to the healthy knee this model shows a diseased knee as well as a knee with knee implant. All models are movable, upper and lower leg can be separated. Supplied on Plexiglas stand.

Ref.no. 1125
Details:

BEST SELLER





BEST SELLER

Hip-Implant-Model

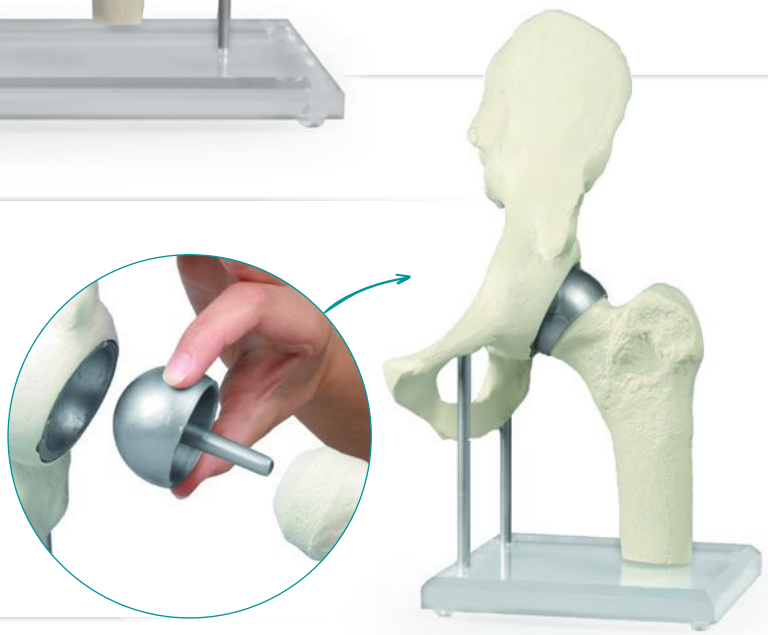
This impressive model shows three scaled down hip models. In addition to the healthy hip this model shows a diseased hip as well as a knee with hip implant. All models are movable, pelvis and femur can be separated, the implant can be removed from the femur. Supplied on plexiglass stand.

Ref.no. 1115
Details:

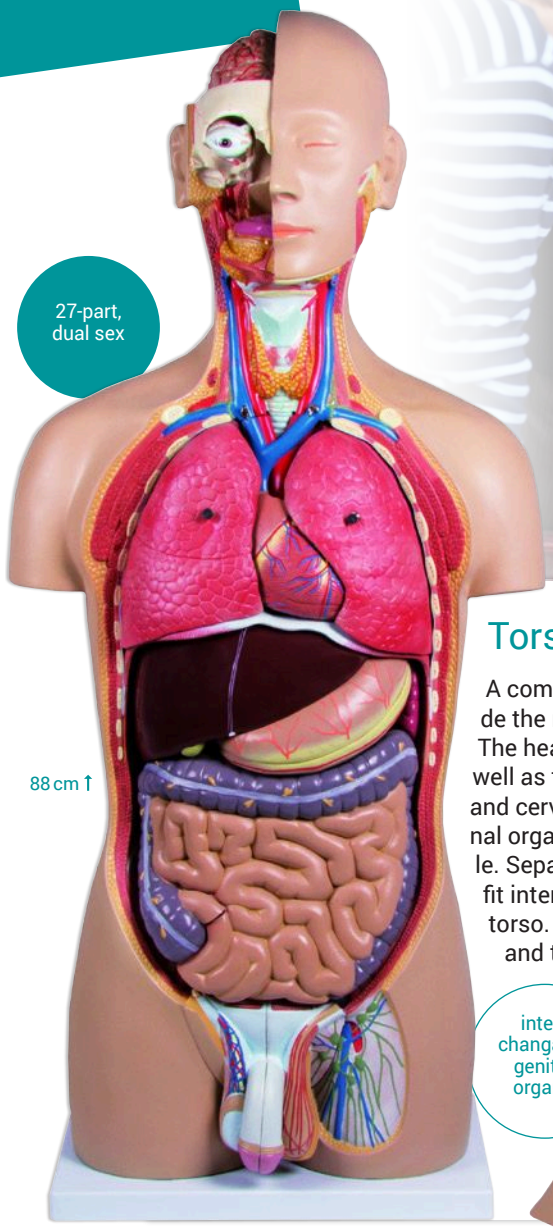
Hip joint with resurfacing implant

This hip joint in life size shows a “Birmingham Hip”. The implants can be removed to allow the doctor to explain the function to the patient. The model can easily be removed from the stand and disassembled. Comes on Plexiglass stand.

Ref.no. 1118
Details:



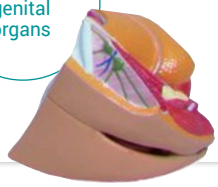




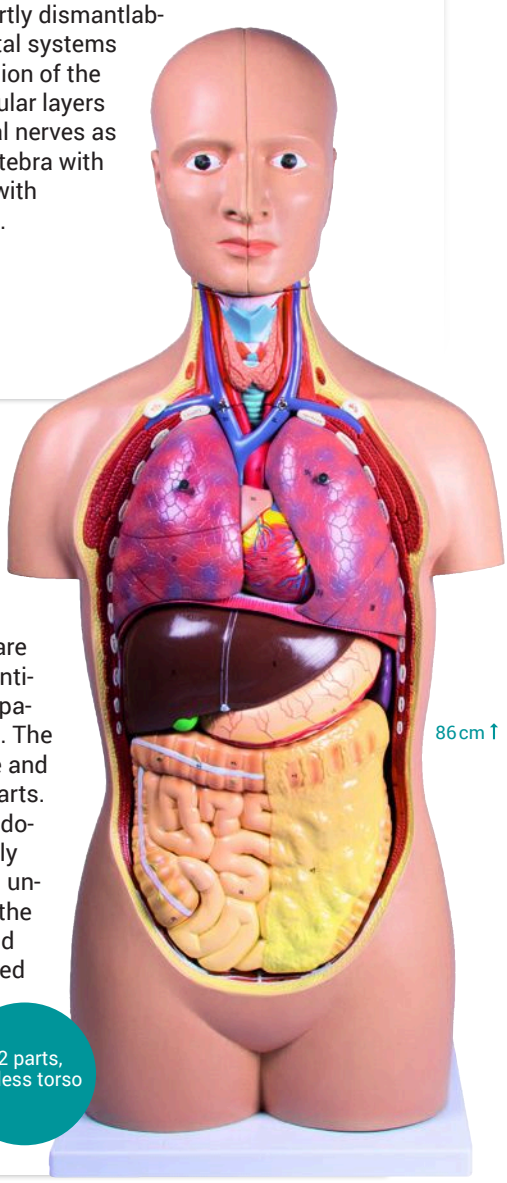
BEST SELLER

Torso with open back

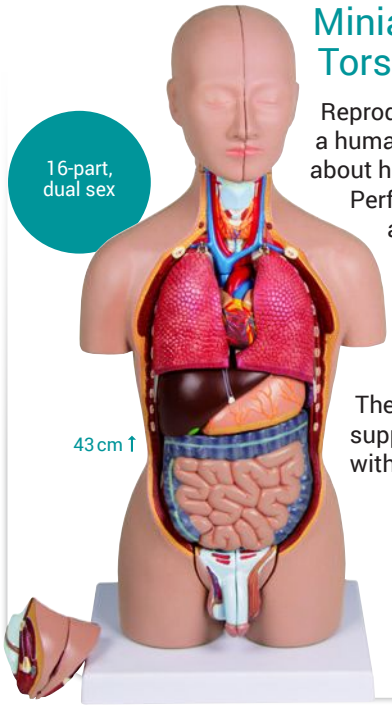
A complete life size torso with open back, composed of 27 parts that provide the most important organs and anatomical structures in the human body. The head is sectioned to expose the skull, brain, mouth and throat region as well as the eye. In addition, the neck is dissected to expose larynx, thyroid and cervical vessels. The thorax and abdomen are completely open; all internal organs can be removed and are partly dismantlable. Separate male and female urogenital systems fit interchangeably into the main portion of the torso. The open back exposes muscular layers and the vertebral column, the spinal nerves as well as a removable vertebra with spinal cord. Supplied with CD human torso guide.



Ref.no. B235
Details:



Miniature Torso



Reproduction of a human torso in about half life size. Perfect for use as desktop model or for studying the basic anatomy. Size 43 cm. The model is supplied on base with manual.

Ref.no. B223
Details:

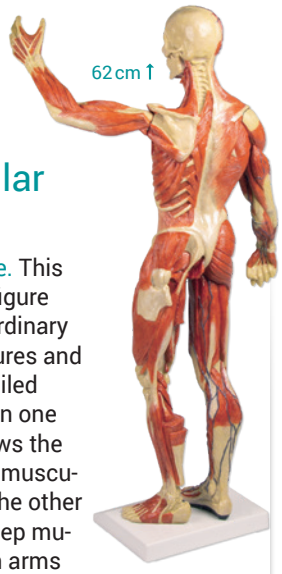
Standard Torso

This sexless life-size torso with 12 parts. Structures are numbered and identified on the accompanying Torso Guide. The head is removable and divided into two parts. The thorax and abdomen are completely open, affording an unrestricted view of the internal organs and structures. Mounted on base.

Ref.no. B109
Details:

12 parts,
sexless torso





Muscular figure

1/3 life size. This muscular figure has extraordinary fine structures and a very detailed painting. On one side it shows the superficial musculature, on the other side the deep muscles. Both arms are detachable. Important superficial vessels are also represented.

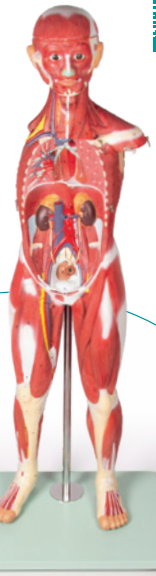
Ref.no. B90
Details:

NEW PRODUCT

Muscular figure

This 1/2 life size high quality model represents a replica of the complete human muscular and organs anatomy. It illustrates with excellent detail the superficial and deeper muscles, tendons, ligaments, vessels and body structures. The internal organs are removable for closer examination to study the relationships among all the body structures.





30 parts

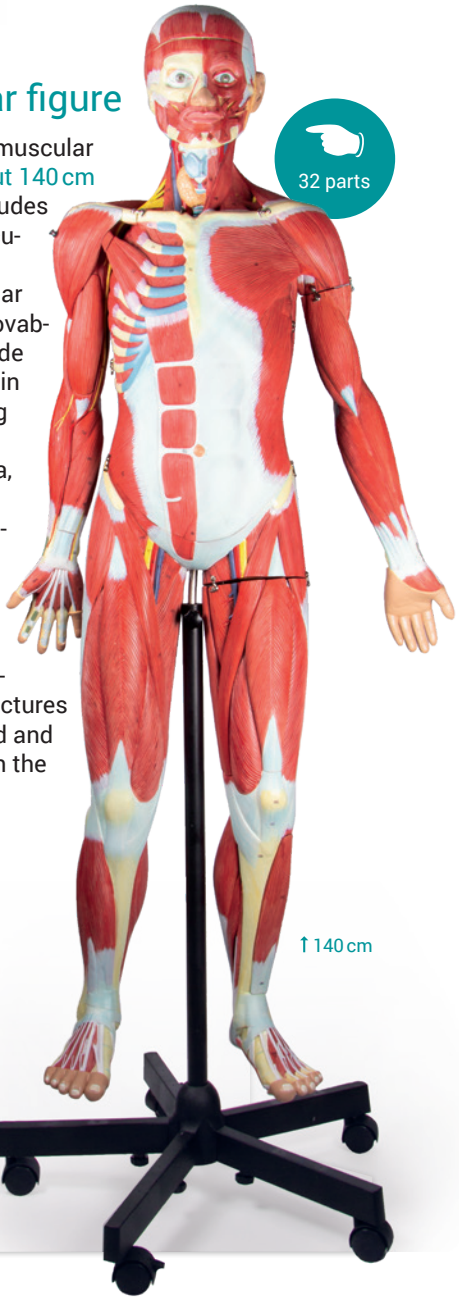


Ref.no. B160
Details:

Muscular figure

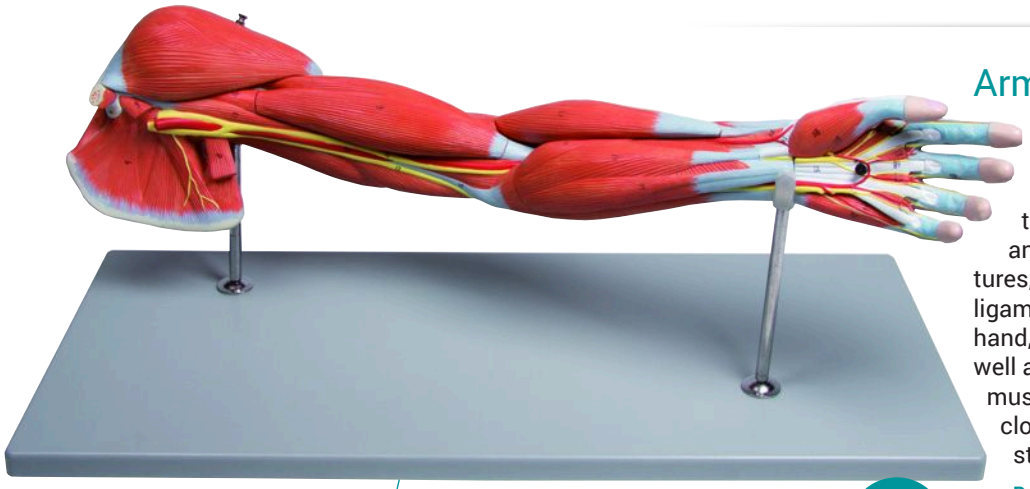
This 32 part muscular figure is about 140 cm high and includes a 6part muscular arm and a 8part muscular leg. The removable parts include skull cap, brain (3 parts), lung halves, 2part heart, trachea, oesophagus, liver with gallbladder, duodenum with pancreas and spleen and the intestines. All structures are numbered and referenced on the supplied key

32 parts



Ref.no. B190
Details:

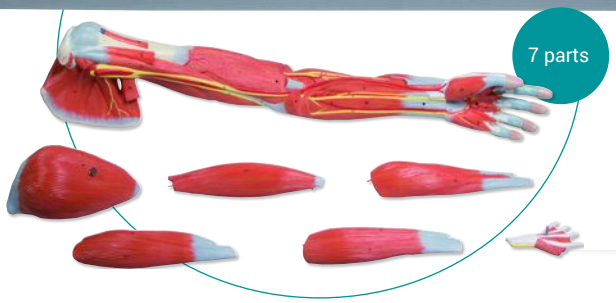
NEW PRODUCT



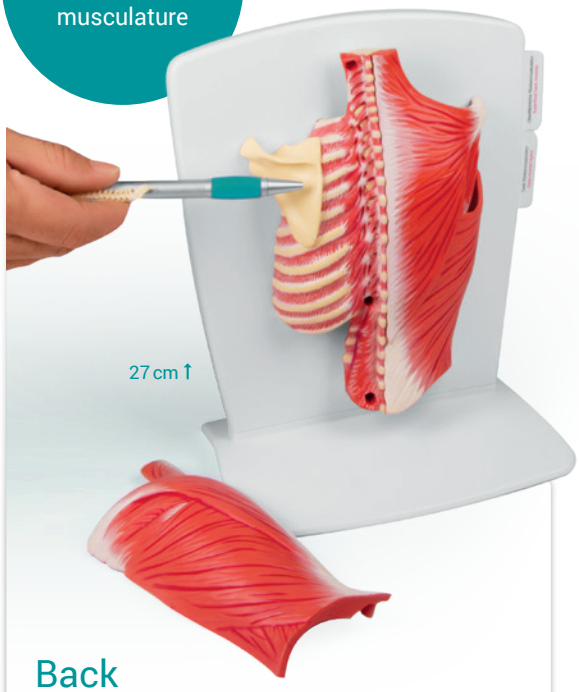
Arm Muscles

This life size model shows the musculature of the human arm in detail. It shows superficial and deep muscle structures, vessels, nerves and ligaments. The model shows hand, lower and upper arm as well as shoulder girdle. Single muscles can be removed for closer study. Supplied with stand and manual.

Ref.no. M211
Details:



Soft, flexible muscles, removable musculature



Back Muscle Model

Soft and flexible, the superficial and intermediate muscle layers are removable and expose the deep muscles, making the understanding of anatomical relationships an easy, interactive experience. Two pull-out cards give information on the muscles.

Ref.no. M290
Details:

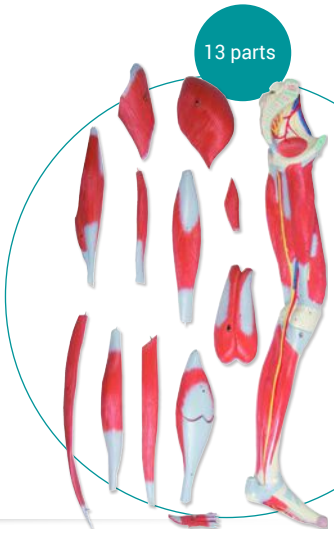


Leg muscles

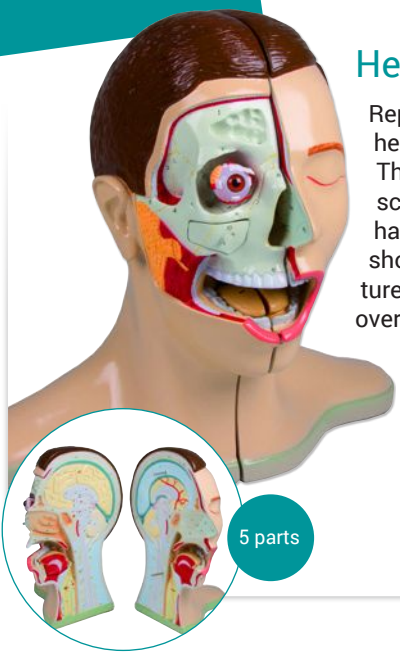
This life size model shows the musculature of the human leg in detail. It shows superficial and deep muscle structures, vessels, nerves and ligaments. The model shows foot, lower and upper leg as well as a half pelvis. Single muscles can be removed for closer study.

Ref.no. M220
Details:





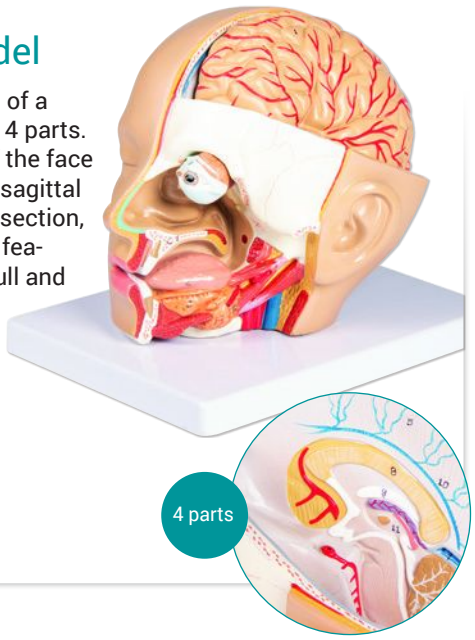
Head and Neck



Representation of a head, medially divided. The skin and facial muscles of the right outer half are removed to show the deeper structures. Eyeball, bone cover over the sinus maxillaries and right tongue half are removable.

Ref.no. C60
Details:

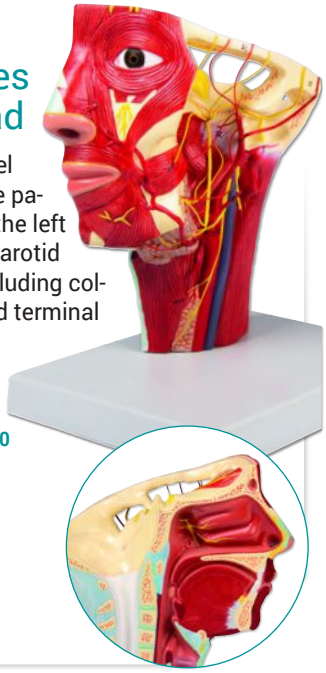
Head Model



Life size model of a human head in 4 parts. The left side of the face is dissected in sagittal and horizontal section, showing many features of the skull and brain, as well as the oronasal cavity.

Ref.no. C250
Details:

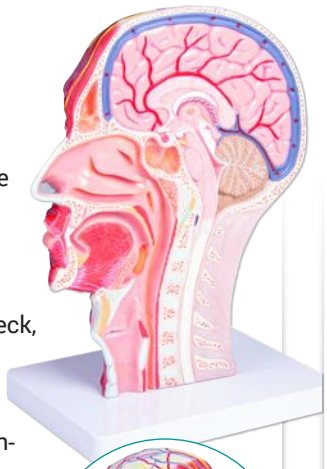
Arteries of head



This model shows the pathway of the left external carotid artery, including collateral and terminal branches. Mounted on base.

Ref.no. C130
Details:

Half head

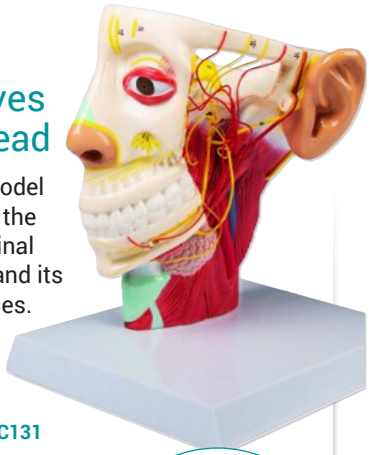


life size. Life size model shows the right half of the human head and neck, sectioned along the sagittal plane. Mounted on base.

Ref.no. C314
Details:

NEW PRODUCT

Nerves of head



This model shows the trigeminal nerve and its branches. Mounted on base.

Ref.no. C131
Details:

Veins of head

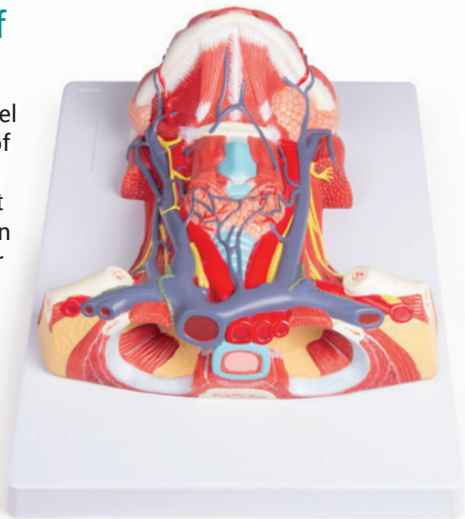


This model shows the pathway of the left internal jugular vein in the cervical and head region, including the tributary venous branches. Mounted on base.

Ref.no. C132
Details:

NEW PRODUCT

Anatomy of the Neck



This life size model is a ventral view of the human neck, showing excellent details of the main muscles, vascular structures, nerves and glands. Mounted on board.

Ref.no. C329
Details:

Frontal and median section of the head



Representation of the superficial and deep structures of the head. The comparison between both sections provides understanding of the anatomical relations of the head. Mounted on board.

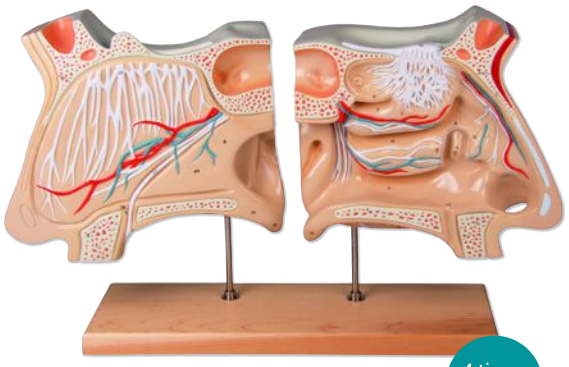
Ref.no. C213
Details:

Median section of the head



Representation of the superficial and the internal structures of the head. This relief model shows all structures of the human head in life size. Mounted on board.

Ref.no. C212
Details:



4 times life size

Nose and Olfactory organ

The nose halves are medially divided, from the base of the skull to the gum. Parts are numbered and the model is mounted on a wooden base.

Ref.no. C70
Details:

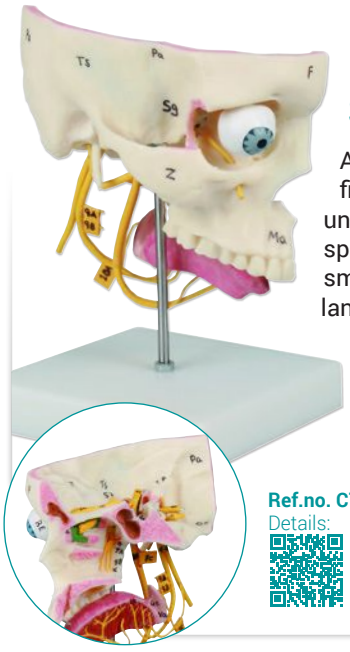
Nasal cavity



3 parts

3x life size; model shows a medial section of the nasal cavity. The nasal septum and part of the olfactory epithelium are removable to expose deep internal structures. Mounted on base.

Ref.no. C182
Details:



Special Senses

A unique model specifically designed to aid understanding of the five special senses – sight, smell, taste, hearing, balance – with their related nerves. The trigeminal nerve is flexible to allow exposure of the underlying petrosal nerve. Component bones are identified. With 18 minute lecture on Audio-CD and key card.

Ref.no. C78
Details:



Transparent model nose

Using this transparent model, it is possible to understand at a glance and explain simply the complex structure of the nasal cavities. The three-part model can be taken apart (two halves and a dividing plate).

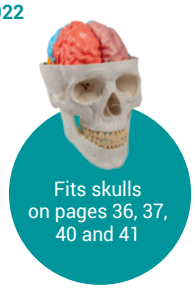
Ref.no. LM05
Details:



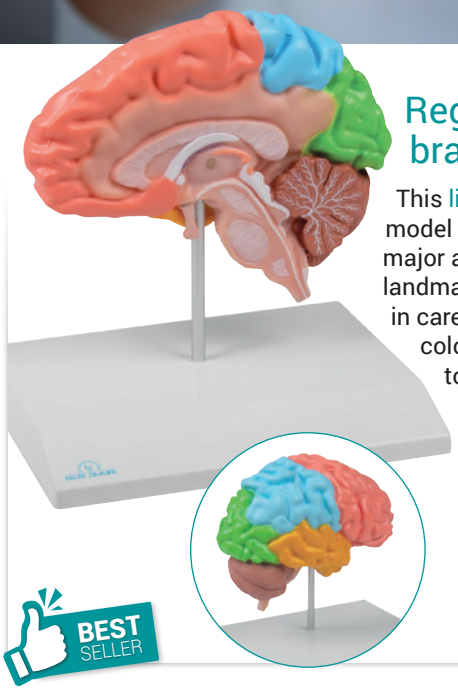
Functional and regional brain model

This life-size brain model shows the major anatomical landmarks and cortical areas of the brain in carefully painted color. The right half is painted to show the four lobes of the brain. The left half comes apart in four pieces. It is painted to show 5 cortical areas of the brain.

Ref.no. C922
Details:





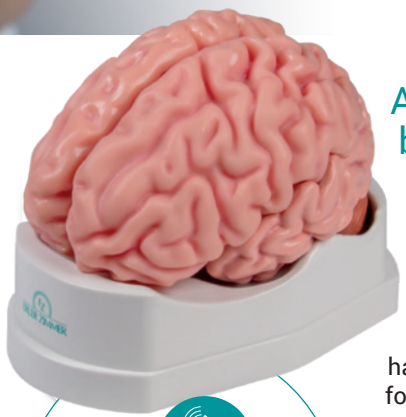


Regional brain half

This life-size brain model shows the major anatomical landmarks of the brain in carefully painted color. It is painted to show the four lobes of the brain.

Ref.no. C921
Details:

BEST SELLER

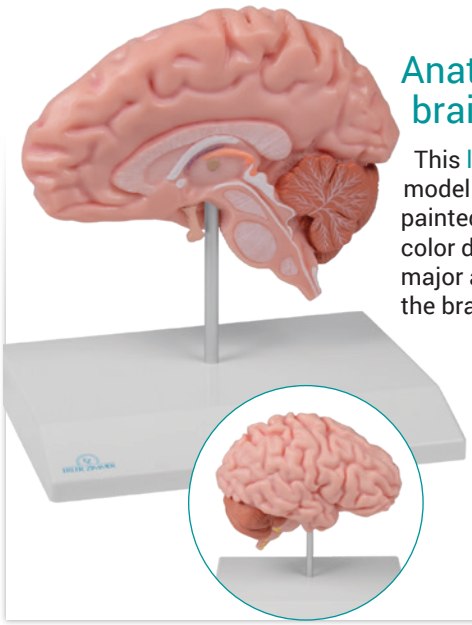


Anatomical brain model

This life-sized brain model is carefully painted in realistic color depicting the major anatomy of the brain. The left half comes apart in four pieces.

Ref.no. C918
Details:





Anatomical brain half

This life-sized brain model is carefully painted in realistic color depicting the major anatomy of the brain.

Ref.no. C915
Details:

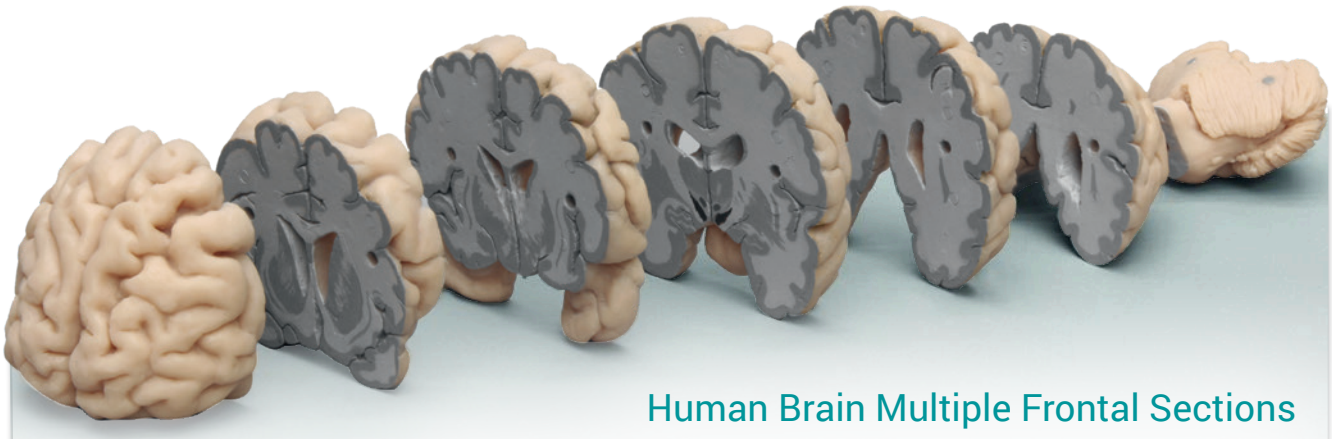




Falx cerebri model

This model shows the falx cerebri of the brain. It includes the ostia of bridging veins, lacuna with arachnoid granulations, the superior and inferior sagittal sinus, and the straight sinus. It fits with brain models C922 and C918.

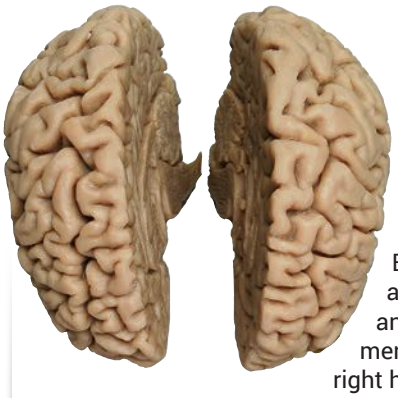
Ref.no. C925
Details:



Human Brain Multiple Frontal Sections

The Human Brain in Multiple Frontal (Coronal) Sections offers an innovative way to study the structure of the brain. Because of the three-dimensional characteristics of the adult brain, the appearance of gross neuronal structures differs depending on the plane of section. Discreet built-in magnets and push-fit mating surfaces make it easy to fit and hold sections of the brain firmly together.

Ref.no. C720
Details:



Human Brain

actual cast. This Human Brain is molded and cast from an actual specimen. The left and right hemispheres are separated, allowing for an interior view of the corpus callosum and cingulate gyrus, as well as the hypothalamus, pons, and cerebellum.



Fits into our male skull model 4710

Ref.no. C710
Details:



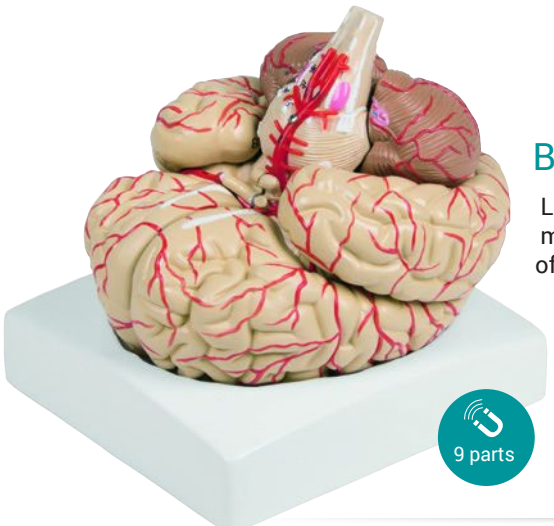
Human Brain

actual cast. This Human Brain is molded and cast from an actual specimen. The left and right hemispheres are separated, allowing for an interior view of the corpus callosum and cingulate gyrus, as well as the hypothalamus, pons, and cerebellum.



Fits into our female skull model 4715

Ref.no. C715
Details:



Brain model with arteries

Life size model of a human brain, can be divided in the medial plane along the longitudinal fissure. It consists of 9 parts. It shows also the arterial blood supply and the important anatomical structures in great detail. On base tray.

Ref.no. C220
Details:



Neuro-Anatomical Brain

This 2 times life-size brain is medially divided and dissectible into 4 parts. The model enables you to clearly see the motor, sensor, and functional centres which are shown in different colors. With stand.

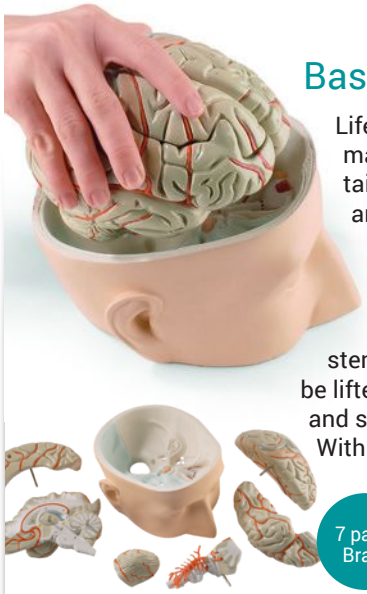
Ref.no. C75
Details:



Regional Brain

The following lobes and regions of this 2-times life-size brain are represented in different colors and labeled in English: Frontal lobe, parietal lobe, occipital lobe, temporal lobe, motor cortex, somatosensory cortex, limbic cortex, cerebellum, brain stem. With stand.

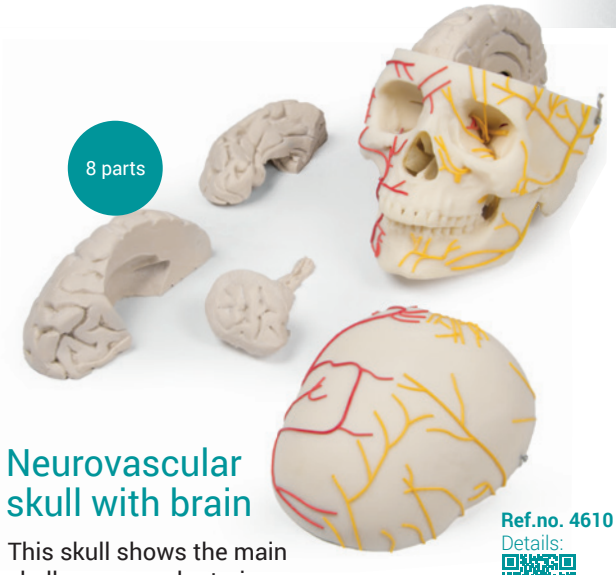
Ref.no. R10122
Details:



Base of Head

Life-size base of the human head, featuring a detailed brain, complete with arterial blood vessels, including the basilar artery and Circle of Willis, cranial nerves, and dissectible brain stem. The entire brain can be lifted from the cranial vault and separated in seven parts. With key card (English).

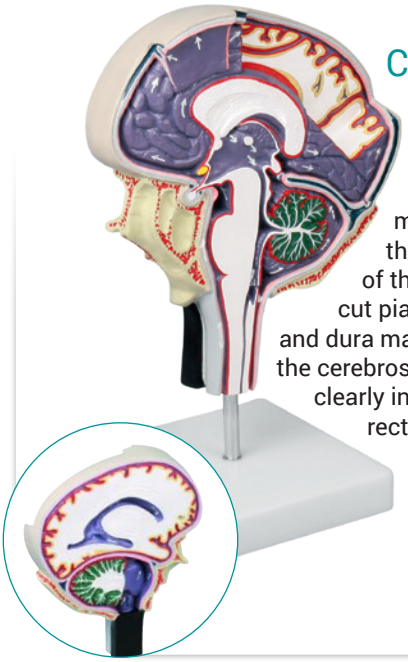
Ref.no. C320
Details:



Neurovascular skull with brain

This skull shows the main skull nerves and arteries. The brain has 8 parts.

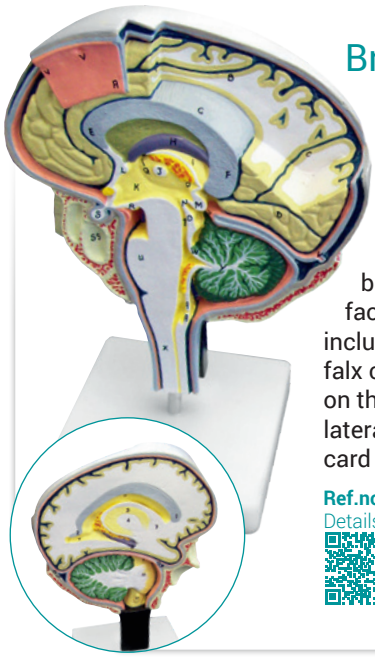
Ref.no. 4610
Details:



Cerebrospinal Fluid Circulation

Enlarged, detailed model of a section through the right half of the brain showing the cut pia mater, arachnoid and dura mater. The model has the cerebrospinal fluid areas clearly indentified and the direction of flow indicated by arrows. On stand.

Ref.no. C76
Details:



Brain Section

An enlarged and very detailed section through the right half of the brain including a portion of the skull. The pia mater has been removed. One surface is on the median line, including a section of the falx cerebri. A sagittal cut on the reverse exposes the lateral ventricle. With key card (English). On stand.

Ref.no. C77
Details:



Brain ventricle

Life size model of the human lateral ventricles, cerebral aqueduct, as well as the 3rd and 4th ventricle. With removable stand.

Ref.no. C263
Details:



Vertebra with spinal cord section

Individual cervical vertebra with cross sectional representation of the spinal cord. White and grey spinal cord substance and the spinal nerves shown. On baseboard.

Ref.no. 4067
Details:



Neuron model

with stages of multiple sclerosis.
This unique model shows an enlarged human neuron. The axon shows a healthy myelin sheath and three stages of myelin sheaths affected by multiple sclerosis. On base.

Ref.no. C45
Details:

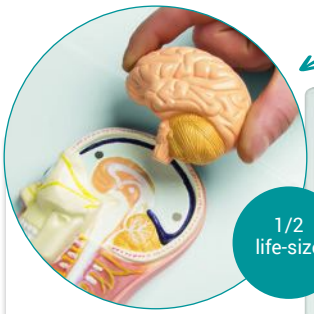


Spinal Cord

This model shows a segment of the upper thoracic spinal cord, laterally and longitudinally divided showing spinal nerve roots. On base.

Ref.no. R10116
Details:





Nervous system

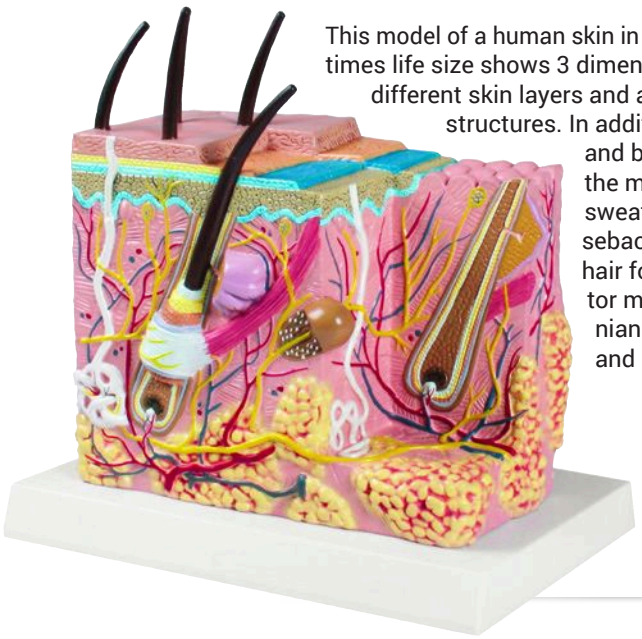
This approximately half life-size relief model shows a general view of the peripheral and central human nervous system: the head is open to remove a brain half with cerebellum; the pathway of the main nerves is well illustrated in relation to the skeleton.

Ref.no. C240
Details:



Skin block model

BEST SELLER



This model of a human skin in about 50 times life size shows 3 dimensional the different skin layers and anatomical structures. In addition to nerves and blood vessels the model shows sweat glands, sebaceous glands, hair follicles, erector muscles, Pacinian corpuscles and much more.

Ref.no. J213
Details:

Skin-hair-nail desktop model

With this model it is easy to compare the structures of hairy and hairless skin: sensitive corpuscles, blood vessels, sweat gland, nerves, hair and hair root. Additionally, a nail cross section model shows nail bed, nail plate and nail root. An enlarged hair root completes the model.

Ref.no. J214
Details:



White Skin Cancer Trainer



enlarged. This enlarged trainer shows a normal mole, basal cell carcinoma (basalioma), squamous cell carcinoma (spinalioma), and malignant melanoma. Variations of how the different types of skin cancer may appear are shown.

Ref.no. R11012
Details:

Tongue and tongue tissue

This item shows the anatomy of the life-size tongue, including the palatin and lingual tonsils, epiglottis and muscles. The model also includes a detailed 20X life-size enlargement of the tongue tissue to show its histology: taste buds, lingual and mucous glands, crypt and muscles are well represented. On base.

Ref.no. C166
Details:



Nail model



This approximately 5 times enlarged model of the terminal part of a typical digit with its associated bone structure shows three sectional views of the nail root and bed, germinative region and bone. On base.

Ref.no. J60
Details:



Eye model

Complex hand painted reproduction of a human eye in about 4 times life size. The model includes two halves of sclera with retina and eye muscle attachments as well as vitreous humour, lens, cornea and iris. The model has 6 parts in total. With stand.

Ref.no. F210
Details:

BEST SELLER





Eye Model

Model can be divided horizontally to show internal details. Cornea, iris, lens and vitreous body can be removed. Muscular attachments on the sclera and part of the choroid are also represented. On stand.

Ref.no. F220
Details:





Eyeball with Functional Lens

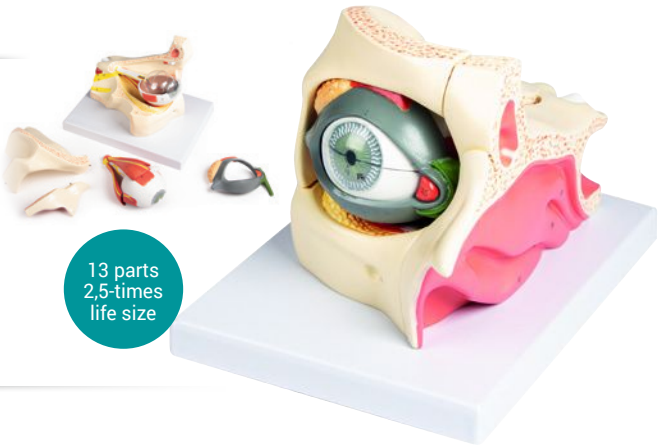
Featured on the exterior of the cornea are the large lacrimal gland, muscle attachments, optic nerve, and blood vessels. To study interior features, the iris/cornea unit can be removed as can the functional lucite lens which magnifies, and forms inverted images. Removing the transparent vitreous body exposes the choroid coat and retina complete with the blind spot and yellow spot containing the fovea. Rods, cones, and other retinal microstructures are detailed in a highly magnified diagrammatic cross section. On base.

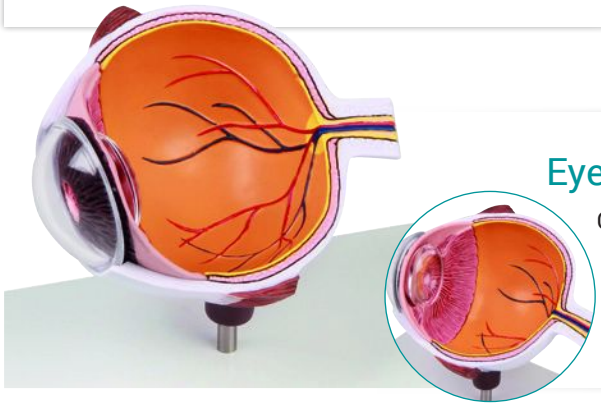
Ref.no. R10123
Details:

Eye in orbit with eyelid

shows the anatomy of the human eye. The orbit can be opened into 3 parts to reveal the internal structures such as eyelid with lacrimal gland, muscles (4 parts), cornea, iris, lens and vitreous body (3 parts). On base.

Ref.no. F160
Details:



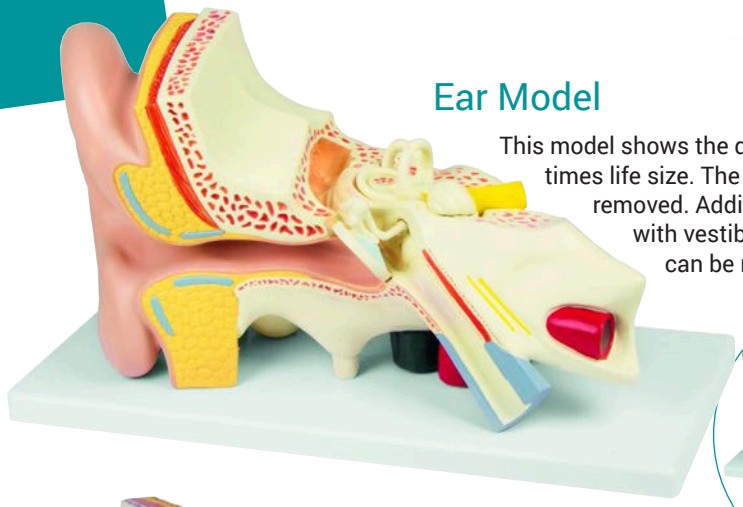


Eye half, enlarged

Cross section through the eyeball. The following anatomy is shown: Choroid, Retina, Macula, Optic disc, Optic nerve, central retinal artery and vein, retinal blood vessels, superior and inferior rectus muscle, ora serrata, lens, iris, cornea and sclera.

Ref.no. F50
Details:

Ear Model



This model shows the details of the external, middle and inner ear in three times life size. The eardrum with malleus, incus and stapes can be removed. Additional removable part is the cochlea and labyrinth with vestibular and cochlear nerves, one half of the cochlea can be removed. Mounted on baseboard.



Ref.no. E210
Details:



Ear Model

This slightly enlarged model of a human ear with detailed reproduction of all anatomical details shows the auditory canal, the tymphanic membrane, malleus, incus, stapes and cochlea. Surrounding bony structures are visible as well as muscular and cartilaginous tissues. A perfect model for desktop use.

Ref.no. E220
Details:



Auditory Ossicles

Hammer (malleus), anvil (incus) and stirrup (stapes) in three times life size.

Ref.no. E338
Details:



Labyrinth with Ossicles and Tympanic Membrane

The model shows instructive the organs of the middle and inner ear. The bony and membranous labyrinths are shown and the cochlea can be opened. On stand.

Ref.no. E339
Details:

Transparent Ear model

This excellent model shows the outer and inner structure of the ear from the outer ear to the eardrum. The flexible material allows to use this model also as training aid for audiphone insertion.

Ref.no. LM02
Details:



Ear ossicles set

The middle ear is composed of three tiny bones: the malleus (or hammer), incus (or anvil), and stapes (or stirrup). These bones carry and increase the amplitude of sound from the eardrum to the inner ear. They are found in the tympanic cavity of the temporal bone. When assembled to reflect their formation, they are small enough to fit on a fingernail. Ossicles are shipped embedded in a custom made foam insert inside a clear plastic petri dish. Ossicles can be removed easily.



Ref.no. E300
Details:





1,5-times life size with matching Toothbrush!

Oral hygiene model

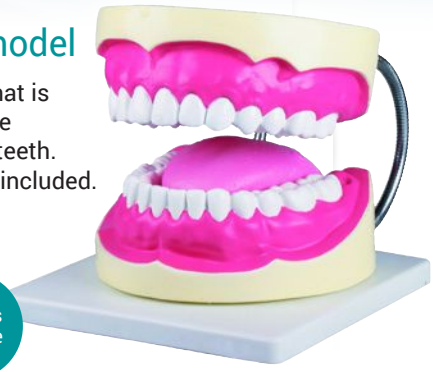
A 1.5x life size model that is useful for teaching the correct way to brush teeth. A giant toothbrush is included. Mounted on base.

Ref.no. D217
Details:

Oral hygiene model

A 3x life size model that is useful for teaching the correct way to brush teeth. A giant toothbrush is included. Mounted on base.

Ref.no. D216
Details:

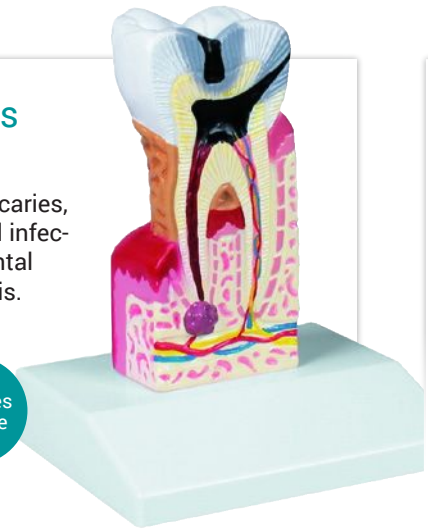


3-times life size

Dental caries model

Lower molar with caries, pulpitis and apical infection as well as dental tartar and gingivitis.

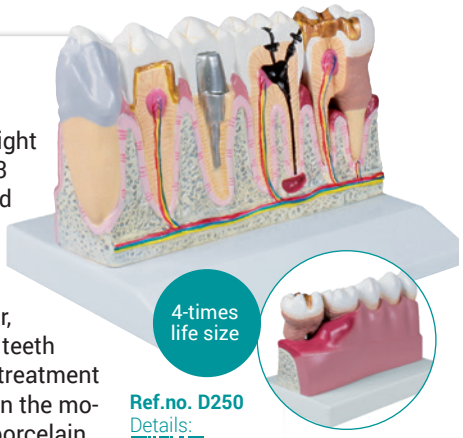
Ref.no. D214
Details:



10-times life size

Dental model

Representation of a right lower jaw with tooth 3 to 7 with diseases and treatment solutions. It shows discolouration, caries, apical infection, dental tartar, periodontosis, devital teeth (3&5). The following treatment solutions are shown in the model: veneer, bonding porcelain crown, root pin construction, full ceramic and gold inlay.



4-times life size

Ref.no. D250
Details:

Permanent Teeth Model

This life size model shows the upper and lower jaw of an adult. The lower jaw is movable to reproduce the natural chew. The model exposes the complete set of permanent teeth with roots and nerve fibres. Mounted on stand.

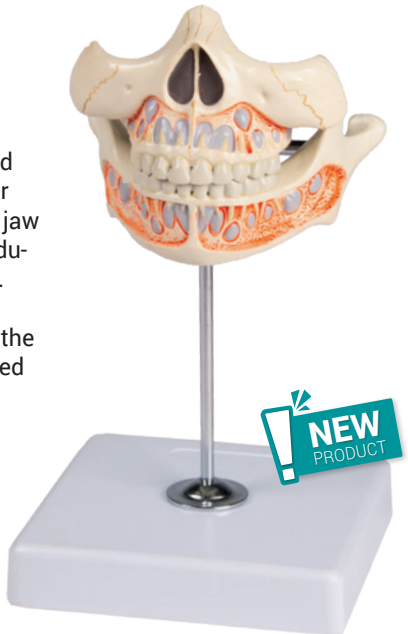
Ref.no. V181
Details:



Deciduous Teeth Model

This life size model shows the upper and lower jaw of a 5 year old child. The lower jaw is movable to reproduce the natural chew. The model exposes the arrangement of the young teeth. Mounted on stand.

Ref.no. V182
Details:



Upper & Lower Jaw Model

Enlarged 2.5 times. Mandible shows all teeth and anatomical features, glands, arteries, veins and nerves. The canine tooth is bisected to show the internal structure of a normal tooth. The maxilla shows all teeth, the maxillary nerve and its distribution to the teeth; also the maxillary sinus and its relationship to the nerves. Complete on stand with key card.

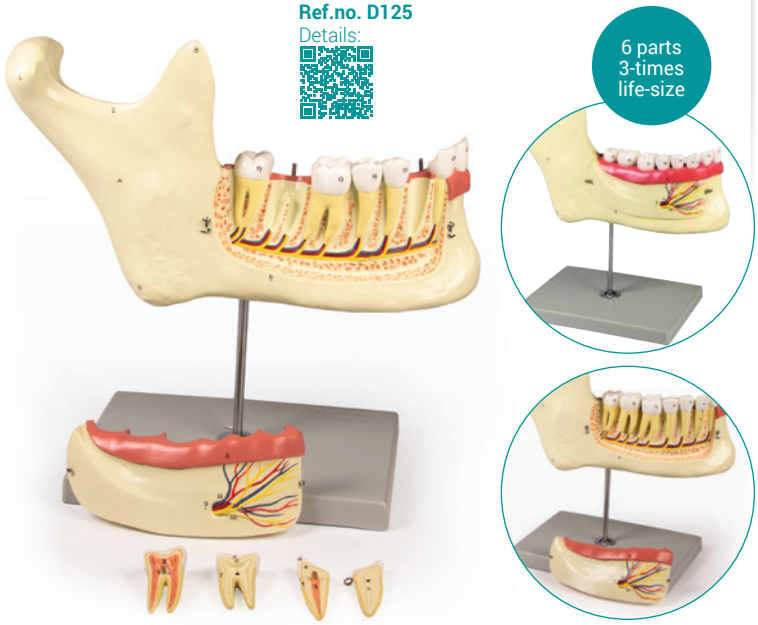
Ref.no. D325
Details:



Lower jaw

This 3x life size model is divisible into 6 parts to show all the characteristics of an adult half mandible. A portion of the jaw can be removed to show the roots of the teeth and the internal structure of the bone. Canine and molar teeth can be removed and bisected longitudinally to observe the tooth roots, pulp and nerves. Mounted on stand.

Ref.no. D125
Details:





Dental Morphology Series

Removable lateral incisor, canine, first premolar, bridge made of artificial first molar with gold coloured crown, and second molar. On transparent, jaw-shaped stand.

Ref.no. R10125
Details:

Transparent laryngopharynx model

This is a transparent model that reproduces the laryngopharynx three-dimensionally, from the oropharynx to the hypopharynx. The model can be split on the midline. The epiglottis, pyriform sinus, and glottis are faithfully reproduced, and the depth of the pyriform sinus and laryngeal vestibule can be understood. The complex 3-dimensional structure of the laryngopharynx can be intuitively grasped through visualization. The flow of food can also be seen from the outside.

Ref.no. LM104
Details:



Larynx Model



This life size model can be opened into 2 parts to show the anatomy of the human larynx and related structures: hyoid bone, cartilages, ligaments, muscles, vessels, nerves and thyroid gland. Mounted on stand.

Art Nr. G123
Details:



2 parts life size

Larynx Model

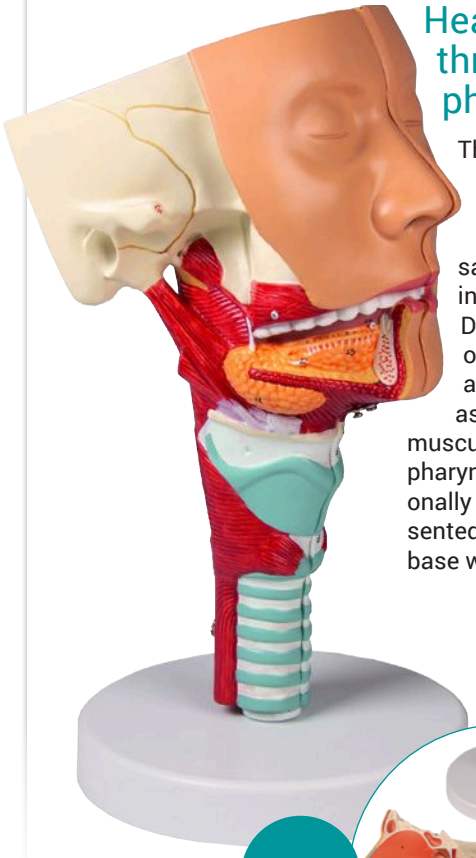
This 5-part model is sectioned longitudinally to reveal intimate details of internal structures, including the hyoid bone, cartilages, ligaments, muscles, vessels, nerves and thyroid gland. Mounted on stand.

Ref.no. G121
Details:



5 parts 2-times life-size

Head with throat and pharynx



This life size head model is dissected along the sagittal plane into 2 halves. Details of the oronasal cavity and larynx as well as musculature of the pharynx are exceptionally well represented. Mounted on base with stand.

Ref.no. C133
Details:



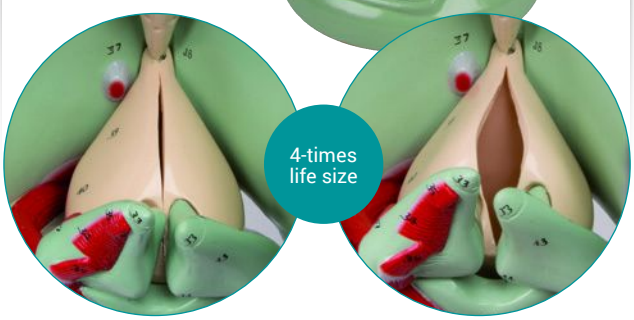
life size

Functional larynx



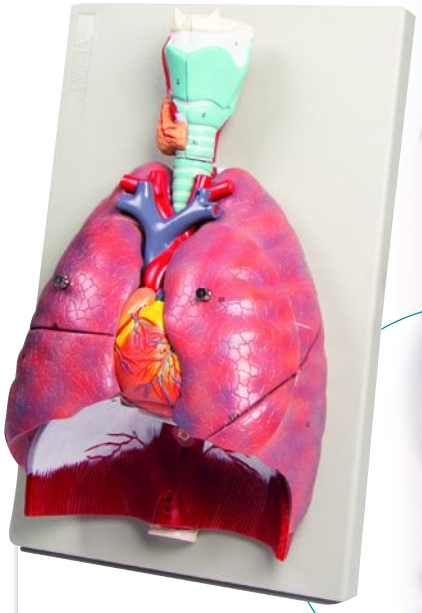
Enlarged Model of a human larynx with hyoid bone. It shows cartilaginous structures on the right side, the left side shows musculature. Movable mounted are vocal cords, arytenoid cartilages and epiglottis to demonstrate their functions. Mounted on stand.

Ref.no. G120
Details:



4-times life size







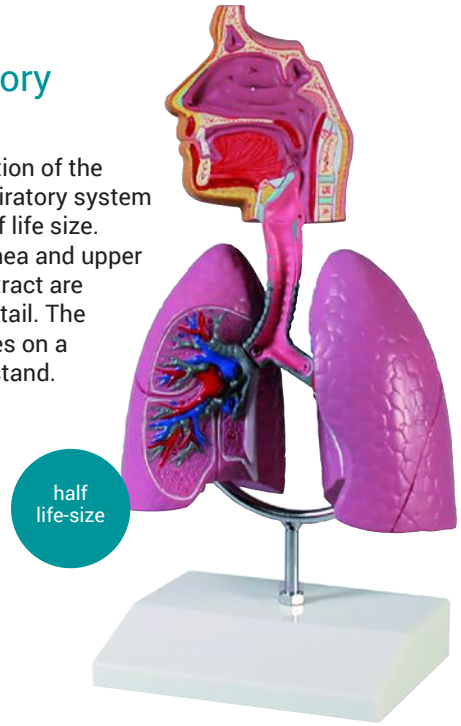
Lungs, Heart and Larynx

7 parts life-size

A life size reproduction of the complete human respiratory system. It is composed of 7 parts showing the larynx (dissected along the sagittal plane); the lungs (dissected along the frontal plane); and a two-part heart. Mounted on base.

Ref.no. G115
Details:

Human respiratory system

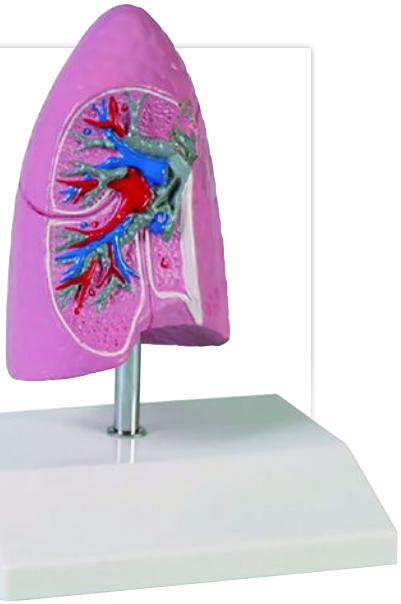


half life-size

Representation of the human respiratory system in about half life size. Lungs, trachea and upper respiratory tract are shown in detail. The model comes on a removable stand.

Ref.no. G216
Details:

Lung half

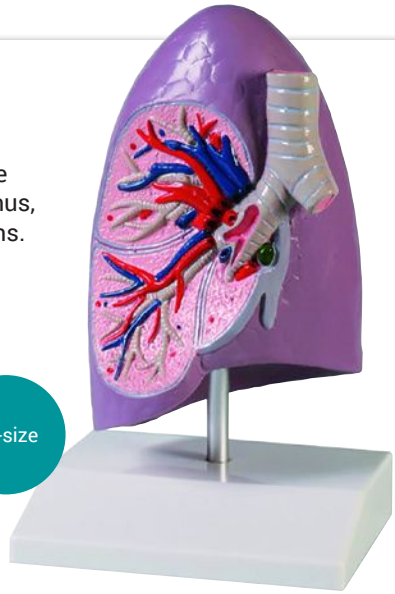


half life-size

Model of a right lung in about ½ life size with bronchus, arteries and veins. On stand.

Ref.no. G252
Details:

Lung half



life-size

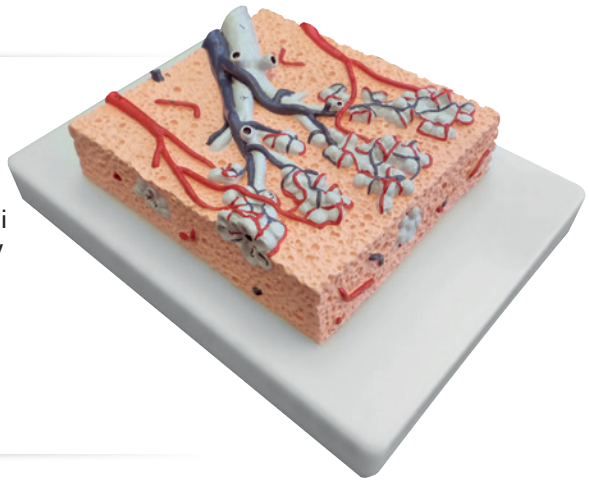
Model of a right lung in about life size with bronchus, arteries and veins. On stand.

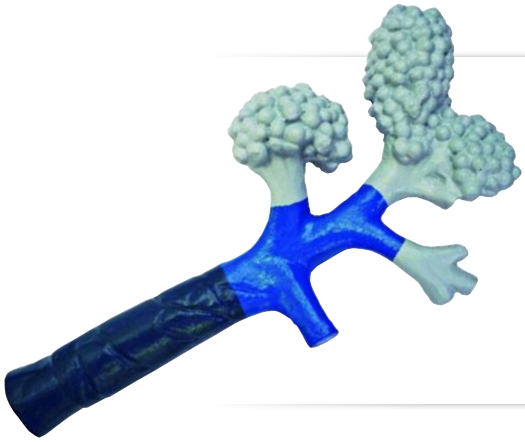
Ref.no. G253
Details:

Lung lobule

This model shows an approximately 20 times enlargement of a section through the lungs. A bronchus, bronchioles and alveoli are shown with the accompanying pulmonary and bronchial blood vessels. With key card.

Ref.no. G420
Details:





Bronchioles

A model of the terminal bronchiole system of the lungs. Greatly enlarged and manufactured in rigid unbreakable material.

Ref.no. G430
Details:

Lung cancer comparison model

These lung models give viewers a shocking, graphic view of the damage smoking causes. The healthy lung is pink and free of abnormalities. In contrast, the diseased lung is black, has a large greyish-white cancerous mass, and is covered with spongy bubbles caused by emphysema. Sure to make a lasting impression.

Ref.no. R10063
Details:





Lung cancer model

This impressive model shows the left lung half of a smoker. The model can be opened and shows a greyish-white, fibrous-feeling cancer. A model for real dramatically demonstration!

Ref.no. R10062
Details:





BEST SELLER

2 part life-size

Heart model

The front heart wall can be removed to show the inner structures in detail. All important structures are present such as ventricles, atriums, aortic, mitral, pulmonary and tricuspid valves. Heart muscle, fatty tissue, arteries and veins are painted in detail; the structures are shown on the educational card (German/English). On stand.

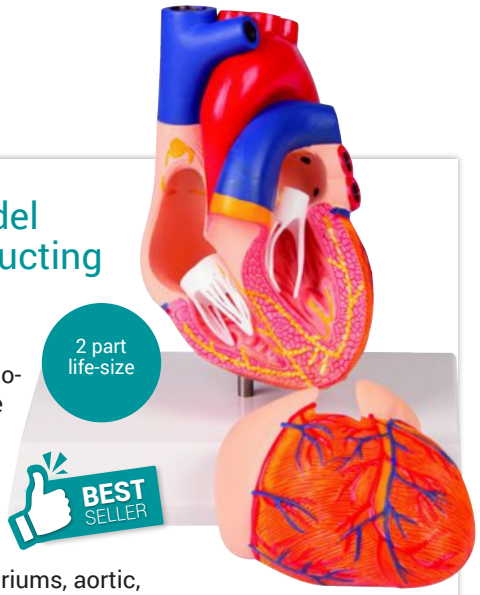
Ref.no. G310
Details:

2 part life-size

Heart with bypass

This life-size two-part model provides an extremely detailed illustration of the anatomy of the human heart with three coronary bypasses. The anterior wall can be detached to expose the inner chamber and valves. Mounted on stand.

Ref.no. G205
Details:



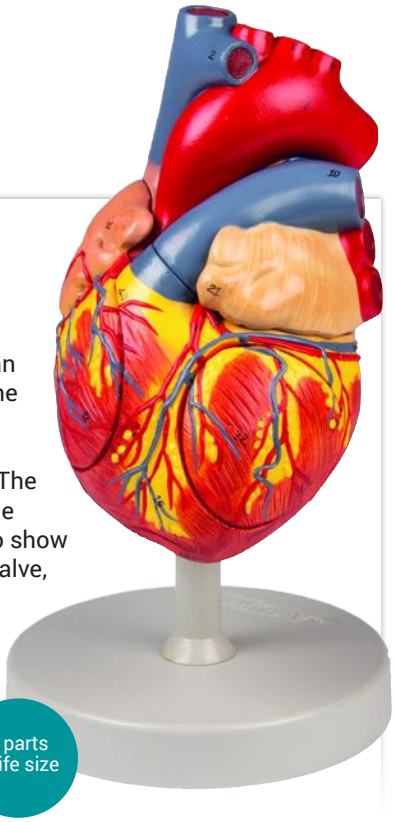
2 part life-size

BEST SELLER

Heart model with conducting system

The front heart wall can be removed to show the inner structures in detail. All important structures are present such as ventricles, atriums, aortic, mitral, pulmonary and tricuspid valves. Heart muscle, fatty tissue, arteries and veins are painted in detail, the conducting system is marked in color. On stand.

Ref.no. G207
Details:

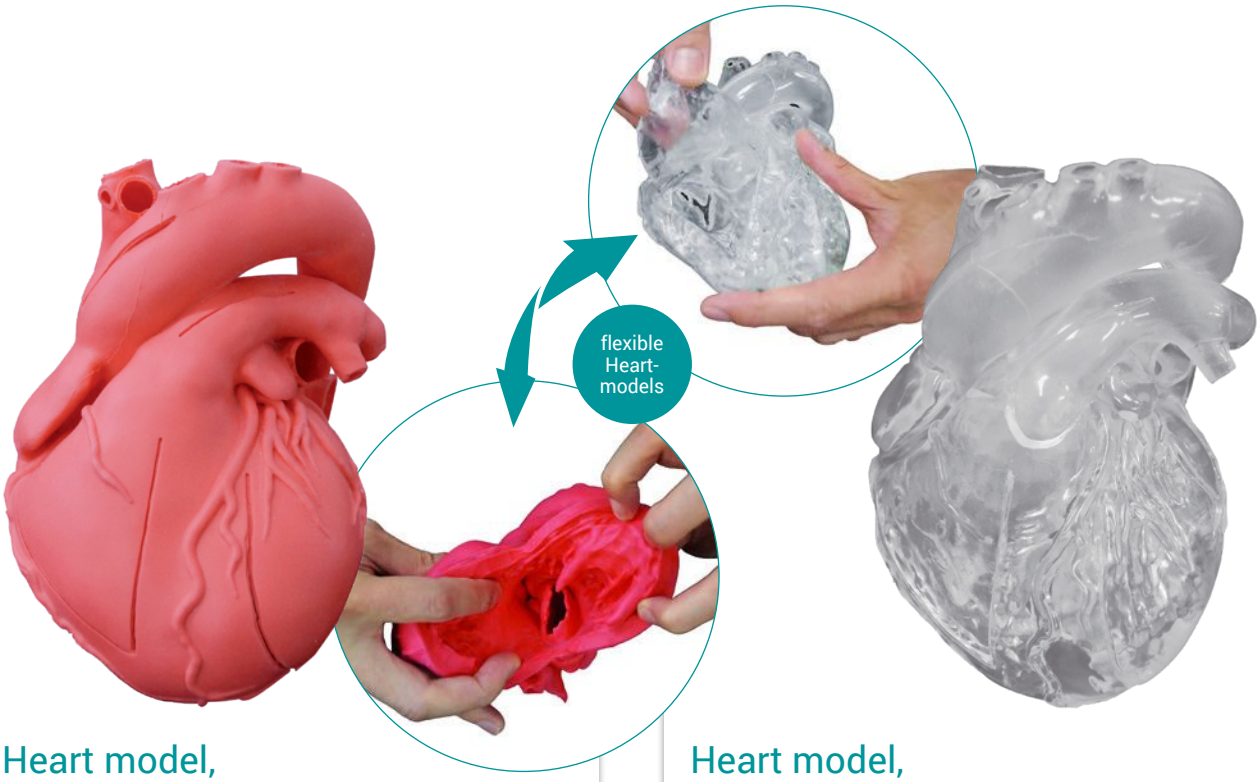


4 parts 2-life size

Human heart

The 2x life size model describes all the main structures of the human heart in great detail. The right part is detachable to expose the inner chambers and valves. The left auricle and ventricle wall can be removed to show the atrium, the mitral valve, the ventricle and papillary muscles.

Ref.no. G112
Details:



Heart model, flexible, didactical version

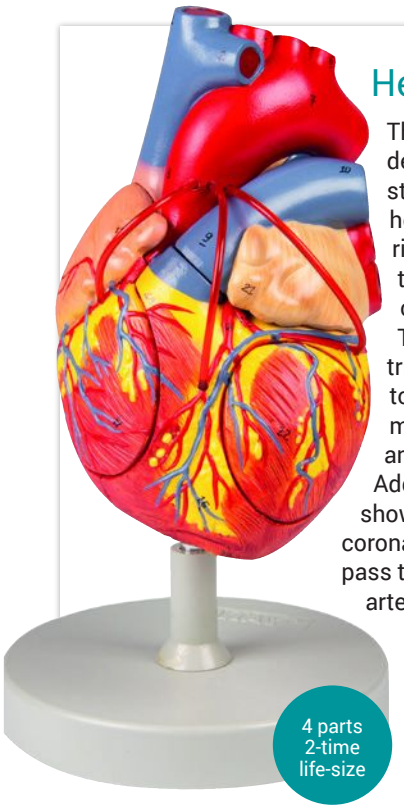
This world-wide unique model is based on CT scan data of a healthy, adult male and is anatomically correct inside and outside. The heart is made of soft and lifelike material. It is pre-cut at different positions to allow easy access to the internal structures. The perfect model for anatomical studies and for explaining the function of the heart.

Ref.no. G500
Details:

Heart model, flexible, didactical version

This world-wide unique model is based on CT scan data of a healthy, adult male and is anatomically correct inside and outside. The heart is made of soft and lifelike material and translucent. It is pre-cut at different positions to allow easy access to the internal structures. The perfect model for anatomical studies and for explaining the function of the heart.

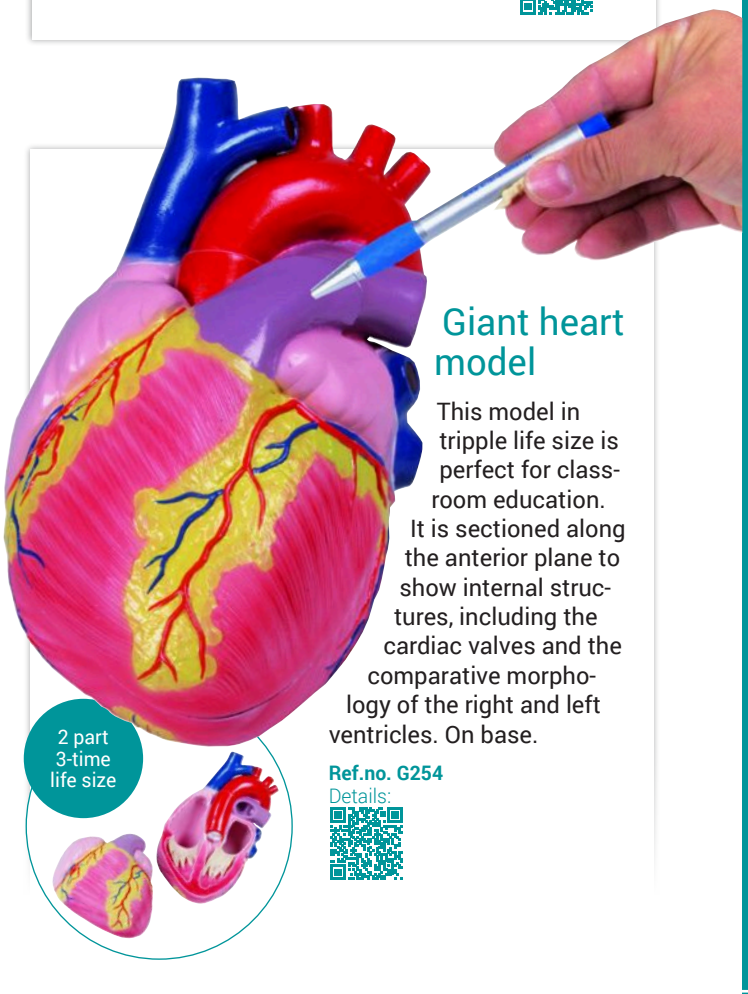
Ref.no. G510
Details:



Heart with Bypass

The 2x life size model describes all the main structures of the human heart in great detail. The right part is detachable to expose the inner chambers and valves. The left auricle and ventricle wall can be removed to show the atrium, the mitral valve, the ventricle and papillary muscles. Additionally this model shows bypass to the right coronay artery as well as bypass to the left interventricular artery and to the ramus circumflexus.

Ref.no. G206
Details:

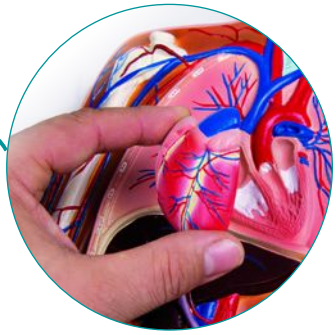


Giant heart model

This model in tripple life size is perfect for classroom education. It is sectioned along the anterior plane to show internal structures, including the cardiac valves and the comparative morphology of the right and left ventricles. On base.

Ref.no. G254
Details:





Circulatory system, relief model

The model pictures clearly the lung circulation, the heart with its chambers, artriums and valves, the large vessels and the blood supply to the extremities. Of course liver, kidneys, spleen and a part of the intestines are shown. The front wall of the heart can be removed. To locate the vessels the model shows the skeleton, allowing to understand the three-dimensional paths of the vessels. On base board, also suitable for hanging.

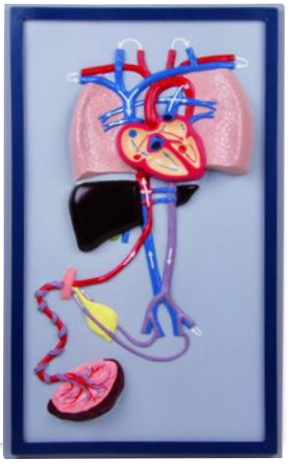
2 part, 1/2 life-size

Ref.no. G230
Details:

Foetal circulation

An one piece, half schematic model of the foetal heart, lungs, liver placenta and cord, aorta and vena cava. Marked to show the circulation and direction of flow of the blood.

Ref.no. G29
Details:





Placental Circulation

A natural-size model, showing all the structures of the placenta. The cotyledons on the maternal surface are shown, with the amnion and chorion membranes on the foetal surface. The umbilical vessels can be seen through the membrane of the cord. A section into the placenta exposes more structures. With key.

Ref.no. G28
Details:



20-times life size

Artery and Vein Model

In this single-piece model one artery and two veins are represented in great detail. One vein is longitudinally sectioned to show the closed and open venous valves; the artery and the right vein are cross-sectioned so the different layers, such as tunica media, elastic membrane and tunica adventitia, can be easily recognized. Mounted on base.

Ref.no. G142
Details:





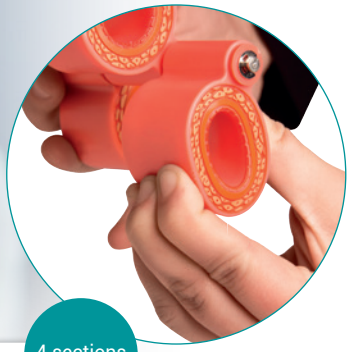
NEW PRODUCT

Mediastinum

This life size model is composed of 5 parts, including a 2-part heart. The sternum and thymus are removable to reveal the pericardial sac and the major pulmonary and systematic vessels. The trachea and esophagus are shown the inferior thoracic aperture is delimitated from the diaphragm musculature. Mounted on base.

Ref.no. V103
Details:





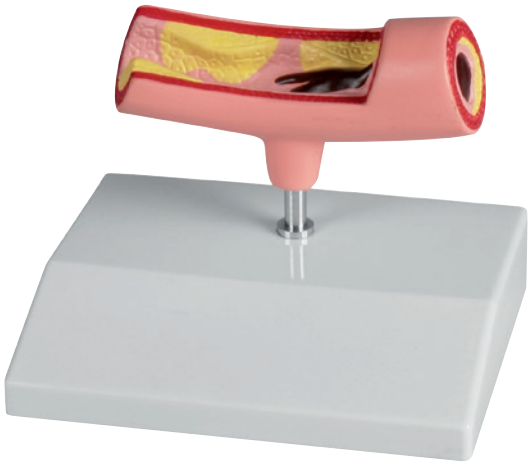
4 sections



Arteriosclerosis Model

Cross section of an artery showing 4 different stages of arteriosclerosis. The model demonstrates the narrowing of the artery due to buildup of fatty deposits (cholesterol) and formation of plaque. The Artery model is simulated with the softness of the real artery. Starting with the normal artery which is done in soft material, up to the blockage which is done in hard material. The stages are mounted rotatable. The model is movable and cannot be dismantled.

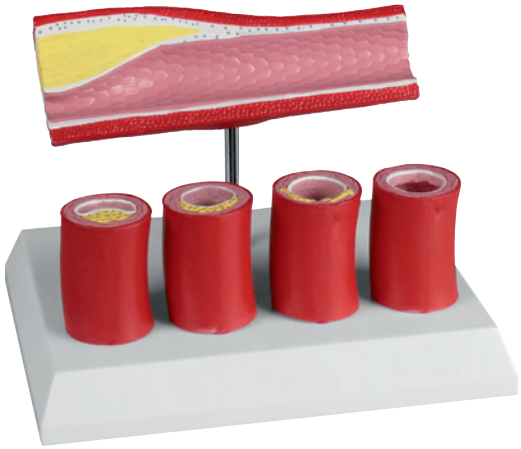
Ref.no. G265
Details:



Artery model

Longitudinal section of an artery with constriction caused by plaque adsorption and a blockage caused by a thrombus.

Ref.no. G241
Details:

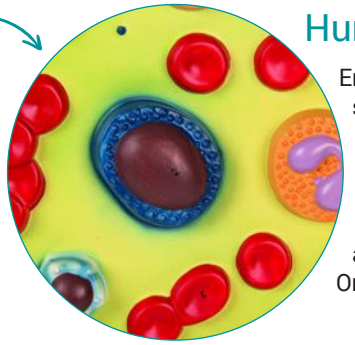


Artery with 4 artery sections

Longitudinal section of an artery with constriction caused by plaque adsorption. Four cross sections on the base show step-by-step build-up of plaque at the artery wall.

Ref.no. G240
Details:



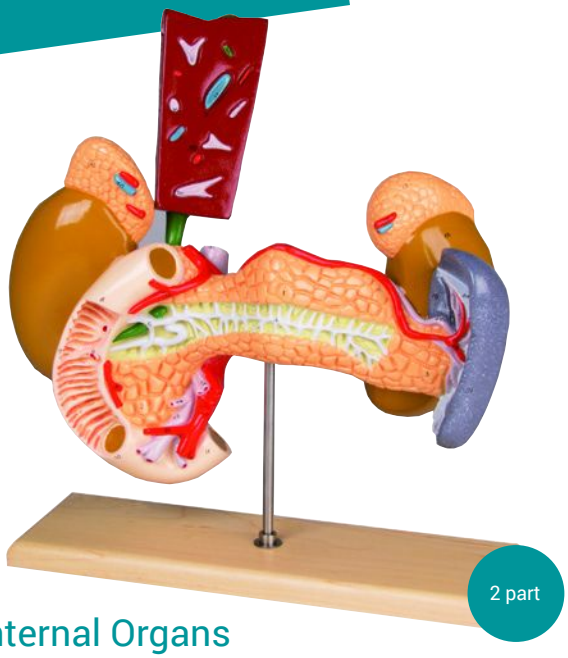


NEW PRODUCT

Human blood cells

Enlarged 2000 times, this model shows the various types of blood cells, including red blood cells; white blood cells (lymphocytes, monocytes, neutrophils, eosinophils and basophils); and blood platelets. On baseboard.

Ref.no. G165
Details:



Internal Organs

The organs are shown partially opened, and the gall bladder is removable with part of the liver. It depicts Pancreas, Duodenum, Gall bladder, Spleen, Kidneys, Adrenal glands and Blood vessels. Mounted on wooden stand.

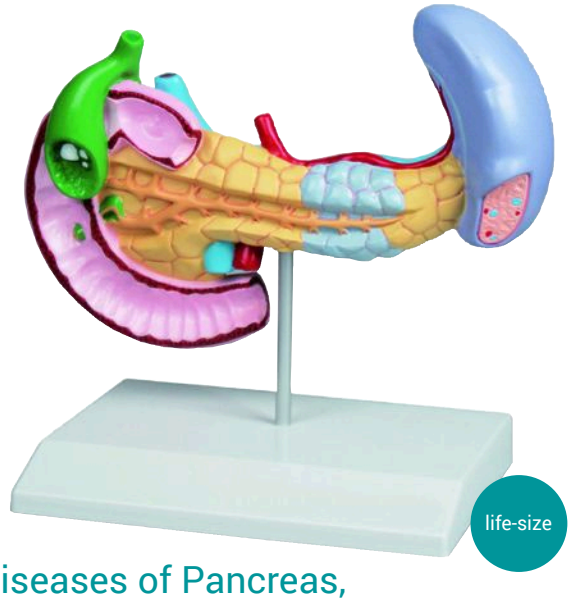
Ref.no. W42509
Details:



Pancreas and duodenum

This life size model is an accurate representation of the pancreas and duodenum. The pancreas is open to show the entire pancreatic duct. The duodenum is partially dissected to expose its internal structure. Mounted on stand.

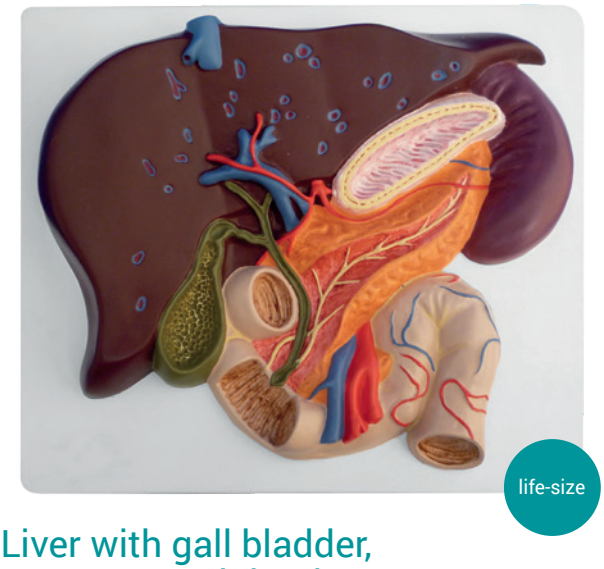
Ref.no. K222
Details:



Diseases of Pancreas, Spleen and Gall bladder

This full size model shows pancreatic cancer, the gallbladder with stones, a ruptured spleen and duodenum with an ulcer.

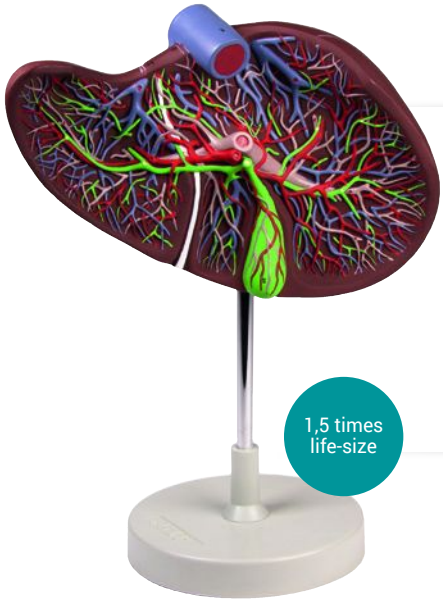
Ref.no. K295
Details:



Liver with gall bladder, pancreas and duodenum

This life size model shows a section of the liver with gall bladder, pancreas and duodenum; includes hepatic and pancreatic ducts. Mounted on board.

Ref.no. K440
Details:



Human liver

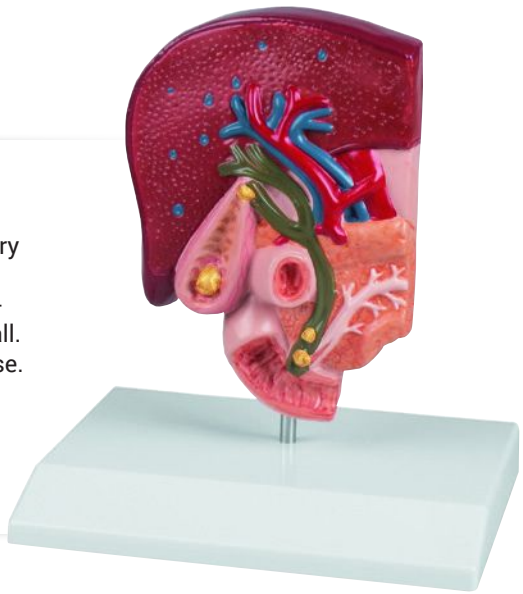
This model shows a liver that is dissected to expose the internal distribution of arteries and veins, the portal vein and the bile duct. Mounted on stand.

Ref.no. K108
Details:

Gallstone Model

This half natural size model shows the anatomy of the biliary system and its surroundings in great detail. Both the tissue changes caused by chronic inflammation and acute inflammation (cholecystitis) are represented in the gallbladder wall. Gallstones are shown in the typical places. Mounted on base.

Ref.no. K226
Details:





Liver model with gallbladder

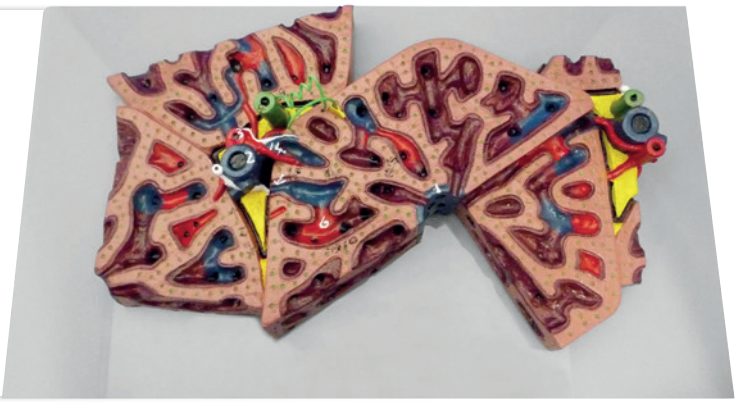
This realistic model reproduces a liver with the gall bladder. The hilus vessels are shown as well as the extrahepatic ducts and the main ligaments. Mounted on removable stand.

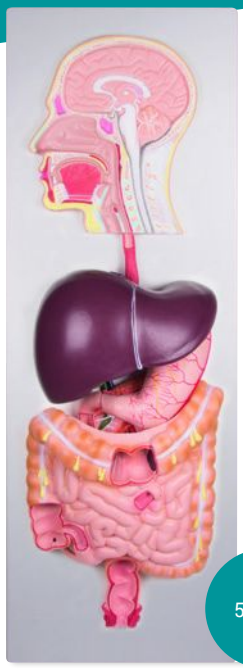
Ref.no. K225
Details:

Liver Lobule

This greatly enlarged model shows the fine detail of a single liver lobule, which is sectioned and shown in relationship to portions of surrounding lobules. The fine colouring distinguishes the portal veins and vessels, venous sinusoids and central veins with sections through the bile canaliculi. With key.

Ref.no. K78
Details:

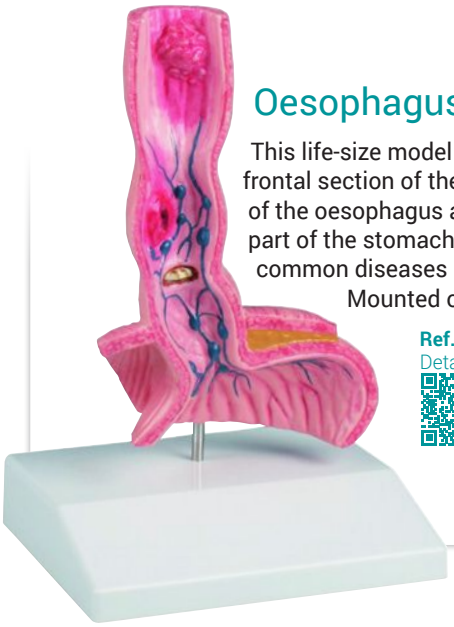




Human digestive system

The oral cavity, the pharynx and the first part of the esophagus are dissected along the medial sagittal plane. The liver is shown together with the gall bladder and is removable. The removable pancreas and duodenum are dissected. The stomach is removable and can be dismantled into two parts, the duodenum, caecum, part of the small intestine, large intestine and the rectum are open. On board.

Ref.no. K221
Details:

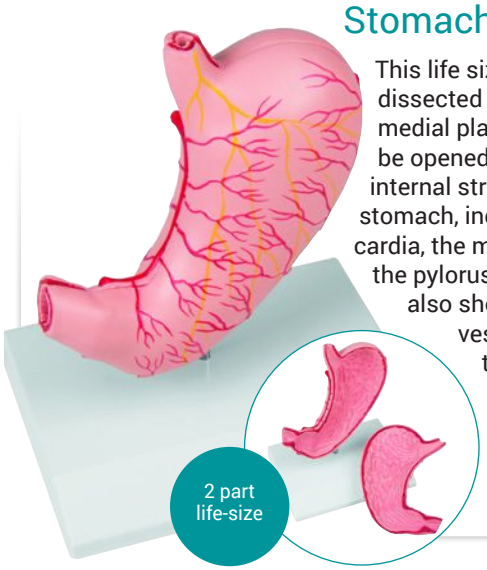


Oesophagus Diseases

This life-size model shows a frontal section of the lower part of the oesophagus and the upper part of the stomach. The most common diseases are depicted. Mounted on base.

Ref.no. K218
Details:

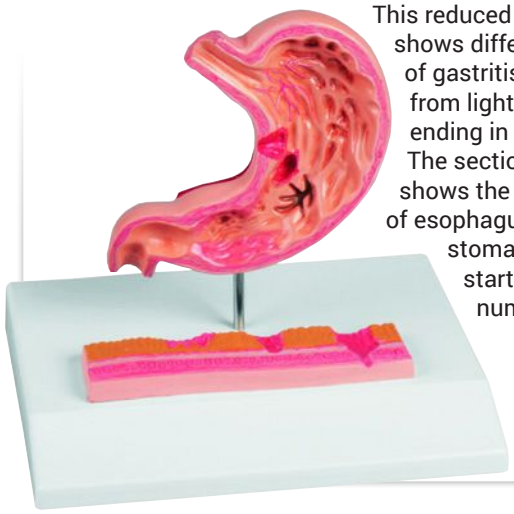
Stomach



This life size model is dissected along the medial plane and can be opened to show the internal structure of the stomach, including the cardia, the mucosa and the pylorus. The model also shows the blood vessels. Mounted on stand.

Ref.no. K215
Details:

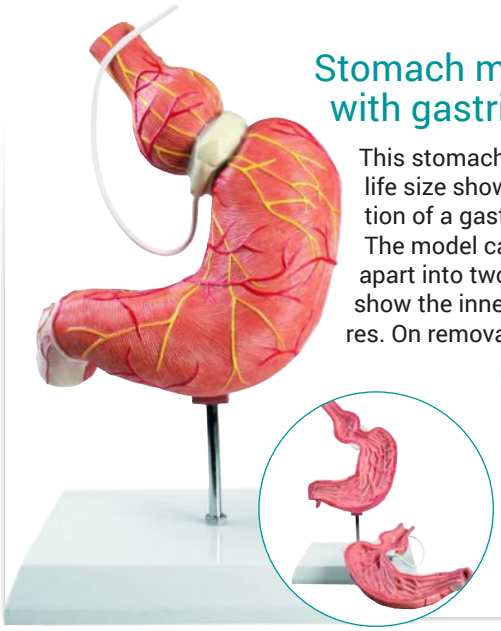
Stomach with Ulcers



This reduced size model shows different stages of gastritis starting from light ulcer and ending in perforation. The section model shows the lower part of esophagus, the stomach and the start of duodenum. On Stand.

Ref.no. K217
Details:

Stomach model with gastric band

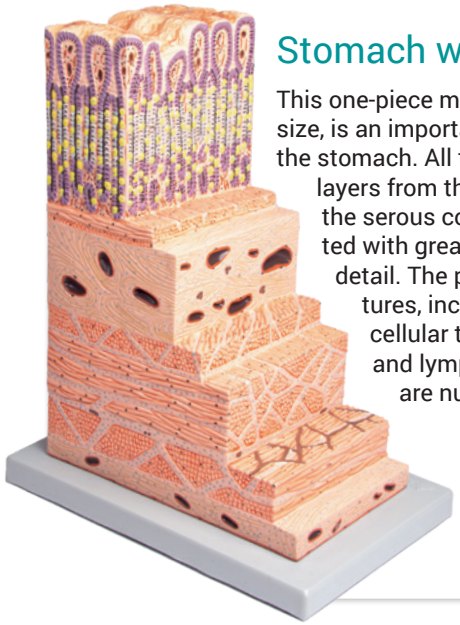


This stomach model in life size shows the function of a gastric band. The model can be taken apart into two halves to show the inner structures. On removable stand.

Ref.no. K82
Details:

Stomach wall

NEW PRODUCT



This one-piece model, 150x life size, is an important tool to study the stomach. All the different layers from the epithelium to the serous coat are represented with great accuracy and detail. The principal structures, including different cellular types, capillary and lymphatic vessels are numbered. Mounted on base.

Ref.no. K180
Details:





Villus

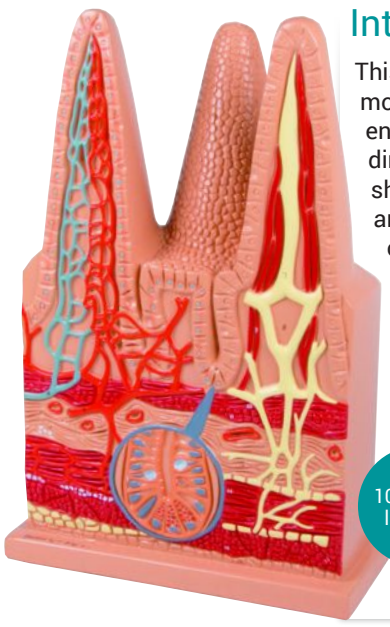
This greatly enlarged 2-part model of a villus from the small intestine shows detail from a transverse and longitudinal section. On base, with key card.

Ref.no. K490
Details:

Colon model with diseases

Reduced size model of a human colon showing ileum, caecum, ascending colon, transverse colon, descending colon, sigmoid colon and rectum. The following diseases are depicted: appendicitis, Crohn's disease, irritable bowel syndrome, ulcerative colitis, pseudomembranous colitis, diverticulosis, diverticulitis, carcinoma and colorectal polyps. On stand.

Ref.no. K285
Details:



Intestinal Villi

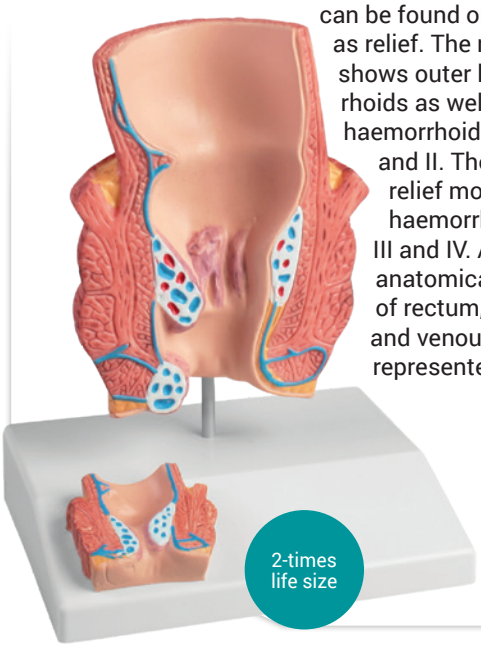
This 100 times life-size model consists of one entire villus, one longitudinally sectioned villus showing the arterioles and venules and one cross-sectioned villus to show the lymphatic vessels. Also includes a longitudinal section of Lieberkühn's crypt.

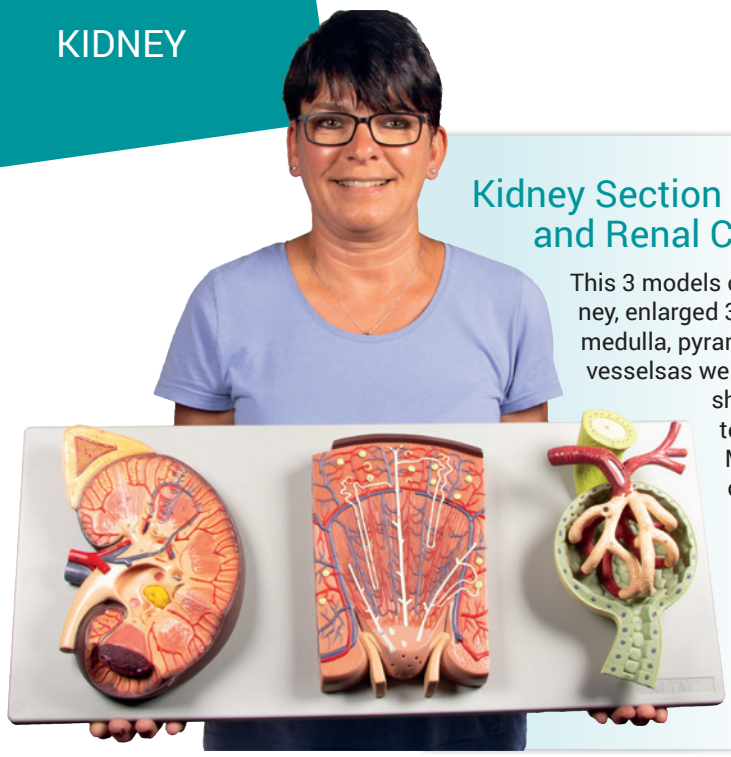
Ref.no. W42507
Details:

Haemorrhoids model

This model in twice life size shows a frontal section through the rectum. Additionally a smaller section can be found on the base as relief. The model shows outer haemorrhoids as well as inner haemorrhoids stage I and II. The additional relief model shows haemorrhoids stage III and IV. Also the anatomical structures of rectum, sphincter and venous plexus are represented.

Ref.no. K227
Details:





Kidney Section with Renal Nephron and Renal Corpuscle

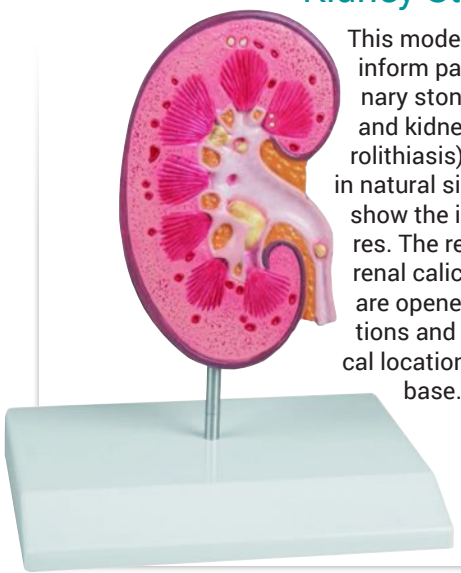
This 3 models consists of a frontal section of the kidney, enlarged 3 times, illustrates adrenal gland, cortex, medulla, pyramids with papillae, renal pelvis and blood vesselsas well as a nephron enlarged 120 times, shows renal tubules, a collecting tube system and Henle's loop and as third model a Malpighian corpuscle with the Bowman's capsule, 700 times life size.

Ref.no. K111
Details:

NEW PRODUCT



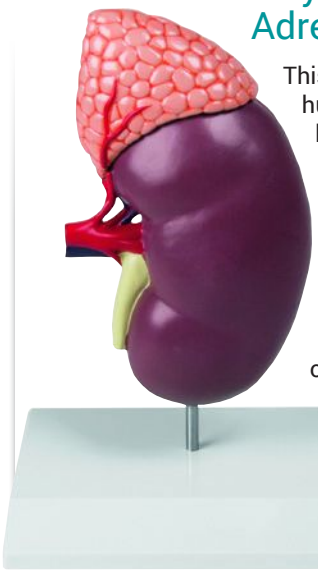
Kidney Stone Model



This model is designed to inform patients about urinary stones (urolithiasis) and kidney stones (nephrolithiasis). A right kidney in natural size is opened to show the internal structures. The renal pelvis, the renal calices and the ureter are opened to show concretions and stones in the typical locations. Mounted on base. With Key Card.

Ref.no. K229
Details:

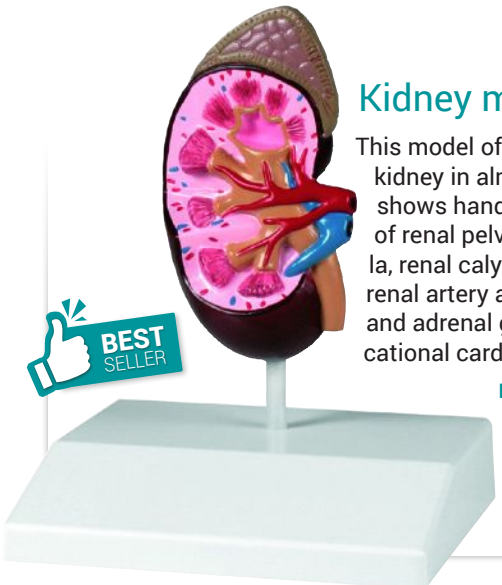
Kidney with Adrenal Gland



This 2-part model shows the human kidney in about double life size. It shows internal structures including cortex, medulla, pyramids, calyces, renal pelvis, ureter and origins of the renal artery and vein. The front of the model is removable for inner examination. Mounted on stand. With Key Card.

2 part
2 times
life size

Ref.no. K213
Details:

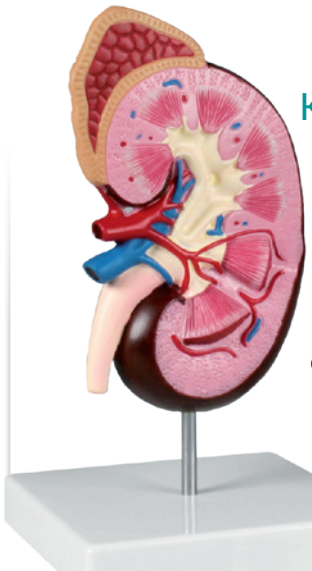


BEST SELLER

Kidney model

This model of a human kidney in almost life size shows hand painted details of renal pelvis, renal medulla, renal calyx, renal cortex, renal artery and vein, ureter and adrenal gland. With educational card and stand.

Ref.no. K212
Details:

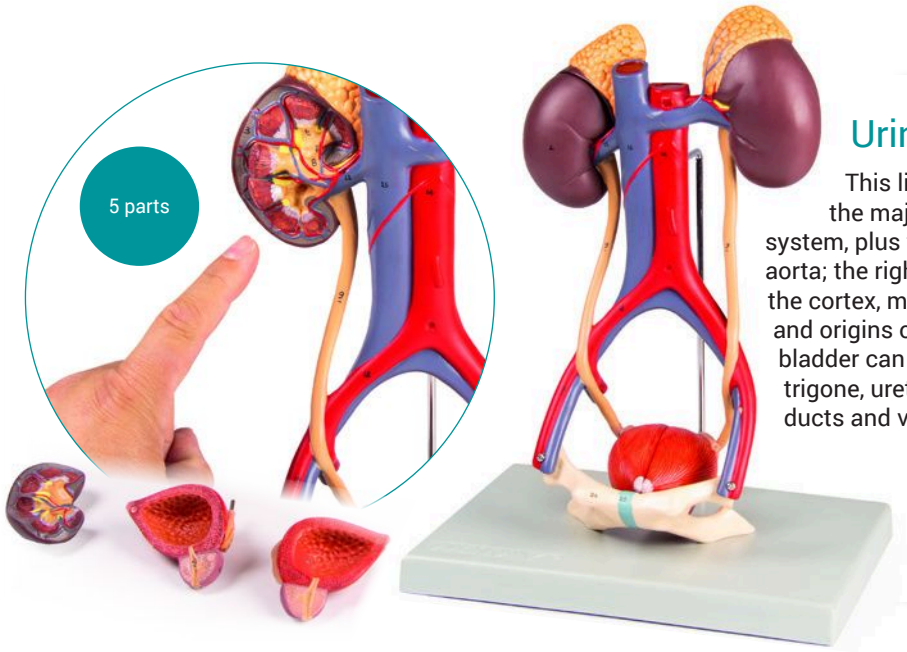


Kidney model

This model of a human kidney in about 2 times life size shows hand painted details of renal pelvis, renal medulla, renal calyx, renal cortex, renal artery and vein, ureter and adrenal gland. With educational card and stand.

2-times
life size

Ref.no. K260
Details:

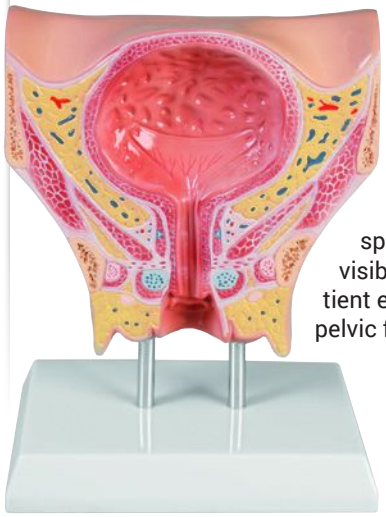


Urinary System

This life size 5-part model represents the major components of the urinary system, plus the vena cava and abdominal aorta; the right kidney is dissected to show the cortex, medulla, pyramids, calyces, pelvis and origins of the renal artery and vein. The bladder can be opened to reveal the mucosa, trigone, urethra, seminal vesicles, ejaculatory ducts and vas deferens. Mounted on base.

Ref.no. K132
Details:

Female bladder

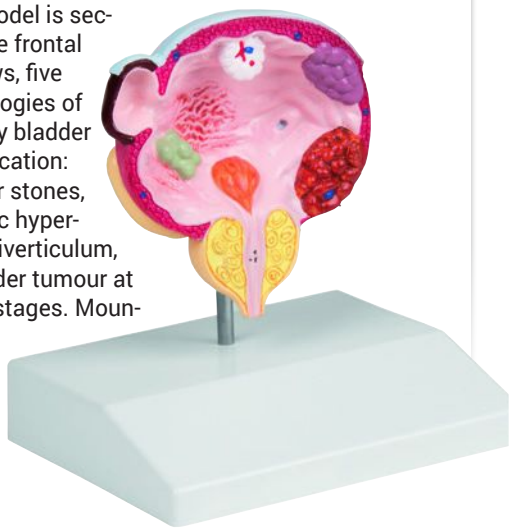


This model of a female bladder in about life size shows all anatomical structures as cross section. Bladder, urethra and sphincter are clearly visible. Perfect as patient education tool for pelvic floor training.

Ref.no. K245
Details:

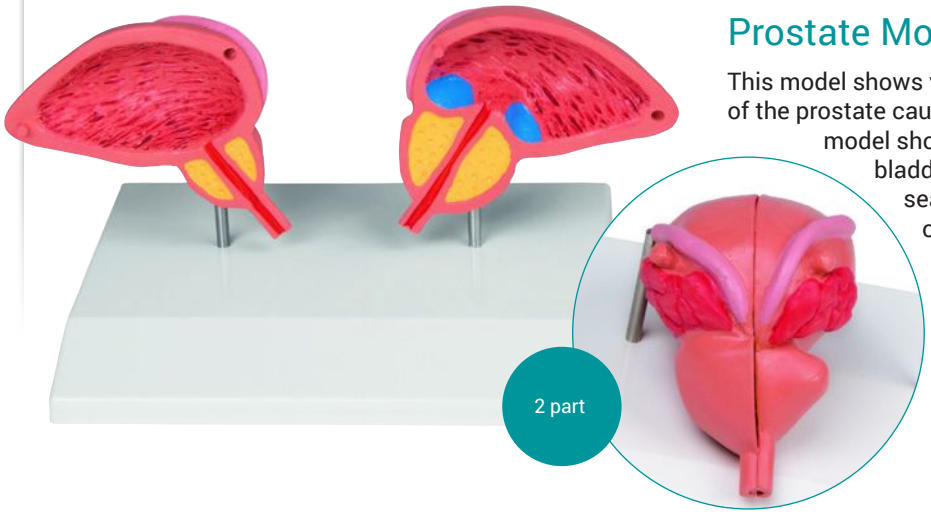
Diseases of bladder and prostate

This life-size model is sectioned along the frontal plane and shows, five different pathologies of the male urinary bladder in the typical location: cystitis, bladder stones, benign prostatic hypertrophy (BPH), diverticulum, as well as bladder tumour at three different stages. Mounted on stand.



Ref.no. K243
Details:

Prostate Model



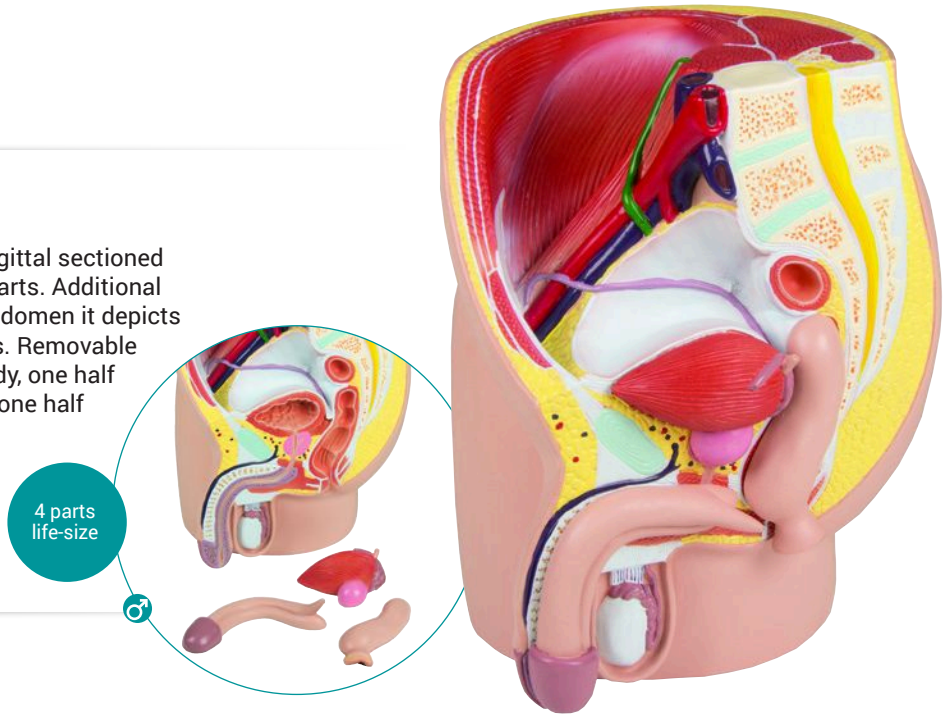
This model shows very impressive the changes of the prostate caused by BPH. One side of the model shows a healthy prostate with bladder and the other half has a diseased prostate with narrowing of the urethra and residual urine. On removable stand.

Ref.no. 1261
Details:

Male Pelvis

This life size model is median sagittal sectioned and shows the male pelvis in 4 parts. Additional to muscles and vessels of the abdomen it depicts particularly the urogenital organs. Removable are one half of the cavernous body, one half of the bladder with prostate and one half of bowel with rectum.

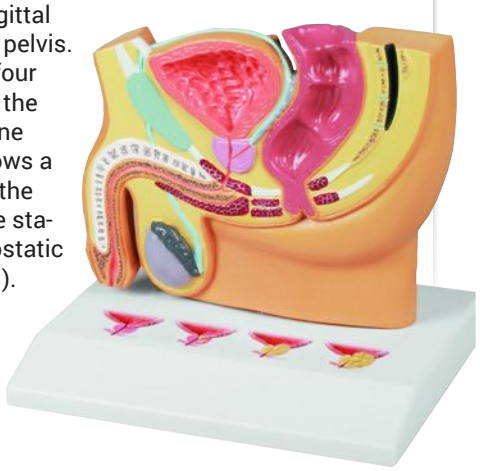
Ref.no. H211
Details:



Male Pelvis section with PBH

This model in about half life size schows a sagittal section of a male pelvis. The base shows four cross sections of the prostate gland. One cross section shows a helathy prostate, the others show three stages of Benign Prostatic Hyperplasia (BPH).

Ref.no. H224
Details:

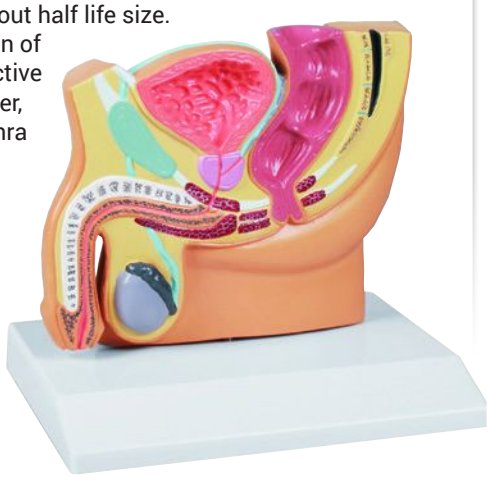


Male pelvis section

reduced size

Median section of a male pelvis reduced to about half life size. Representation of male reproductive system, bladder, prostate, urethra and rectum.

Ref.no. H221
Details:



Orchidometer, plastic

Orchidometer for diagnosis of testicle volume. Consists of prepubertal testicles (1 to 3ml) in yellow, pubertal testicles (4 to 12ml) in orange and adult testicles (15 to 25ml) in red. Strong plastic material, hygienic, on rope.

Ref.no. OM20
Details:

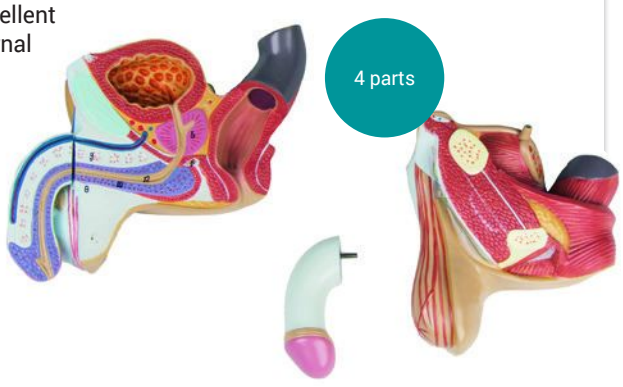
BEST SELLER

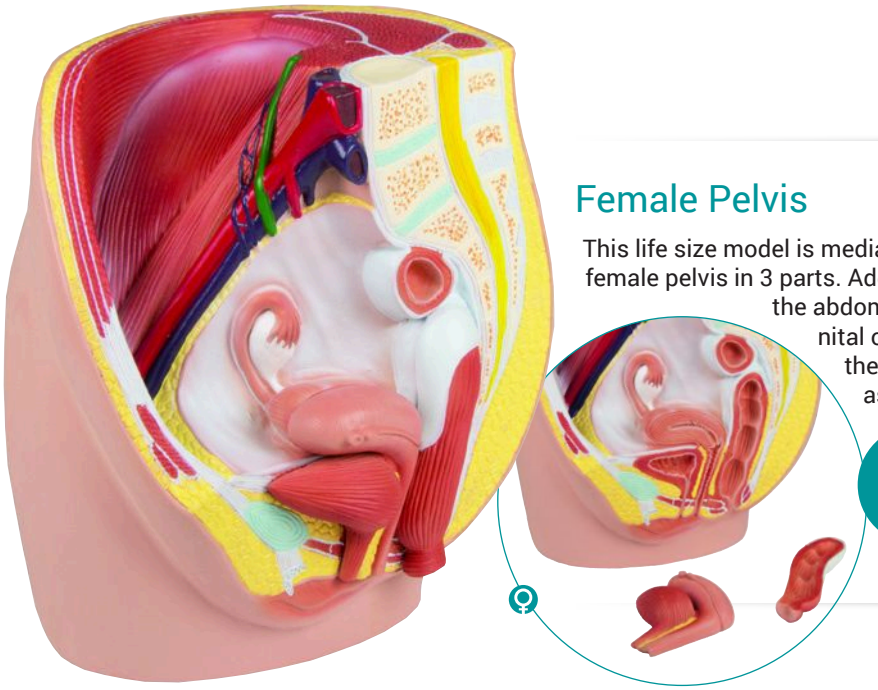


Male genital organs

This life size 4 part model is dissected through the median sagittal plane and provides excellent views of external and internal structures. The removable parts include two halves of the penis, showing medial and transverse sections, and two halves of the male reproductive system with excellent detailing of internal structures.

Ref.no. L250
Details:





Female Pelvis

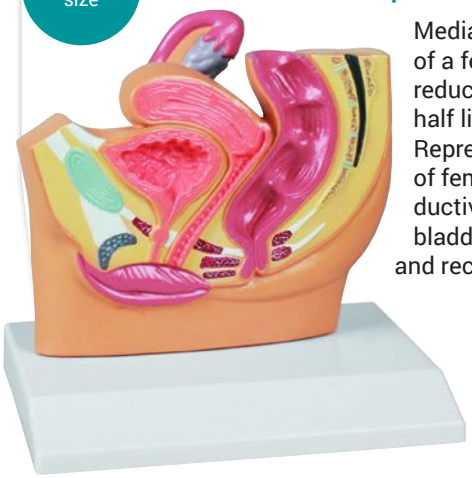
This life size model is median sagittal sectioned and shows the female pelvis in 3 parts. Additional to muscles and vessels of the abdomen it depicts particularly the urogenital organs. Removable are one half of the uterus, vagina and bladder as well as one half of bowel with rectum.

3 parts life-size

Ref.no. H210
Details:

Female pelvis section

reduced size

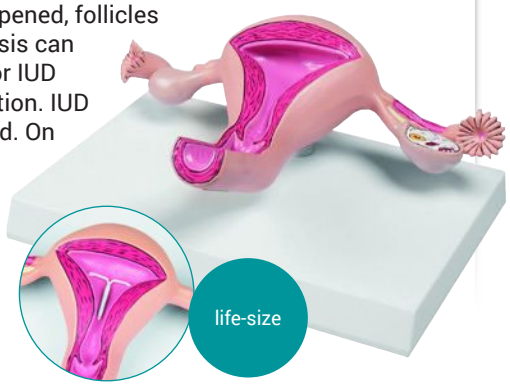


Median section of a female pelvis reduced to about half life size. Representation of female reproductive system, bladder, urethra and rectum.

Ref.no. H220
Details:

Uterus model

Life size model of a healthy uterus. Anatomy is shown in detail. Cervix, endocervical canal, uterine cavity are sectioned to show endometrium and myomterium. Also one fallopian tube and one ovary are opened, follicles and ookinesis can be seen. For IUD demonstration. IUD not included. On removable stand.



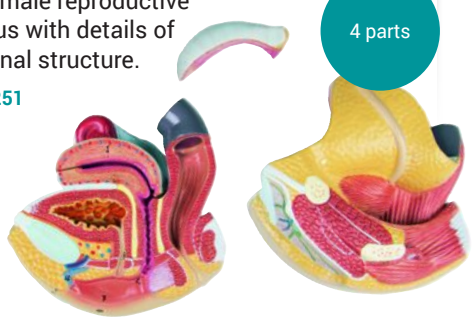
life-size

Ref.no. L261
Details:

Female genital organs

This life size model, composed of 4 parts, is a detailed representation of the female reproductive system as viewed through a median sagittal dissection. Removable parts include a 2-part uterus and two halves of the female reproductive apparatus with details of the internal structure.

4 parts



Ref.no. L251
Details:

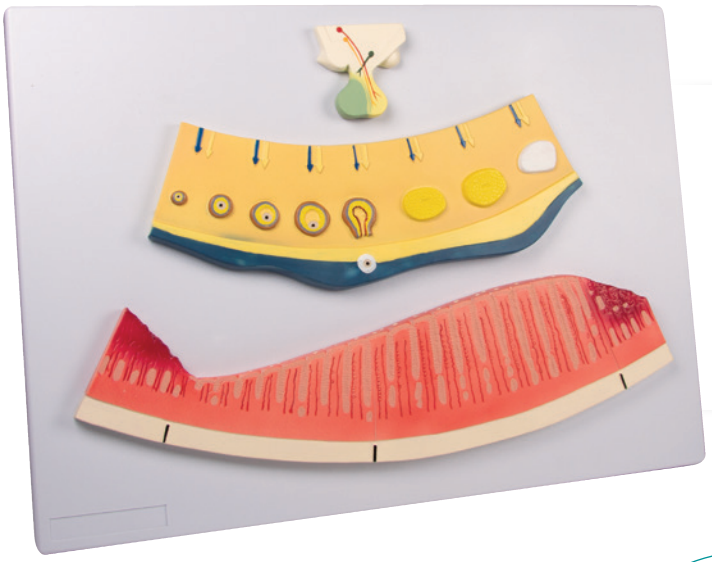
Uterus with diseases

Life size model of an uterus with multiple diseases. It shows endometriosis, cysts, adhesions, fibroma, cervical carcinoma, sarcoma, adenomyosis, polyps and salpingitis. Of course normal anatomy is also represented. It shows vagina, cervix, endometrium, myometrium, endocervical canal, uterine cavity, fallopian tube, ovary, fimbria, follicles and mesosalpinx. An educational card locates the diseases and anatomy. On removable stand.



life-size

Ref.no. L262
Details:



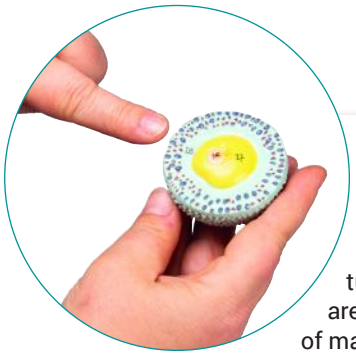
Periodic changes of female hormones

and internal layer of uterus.
This model shows the relationship between female hormone levels and changes in the uterine lining throughout the menstrual cycle. Mounted on board.

Ref.no. L106
Details:



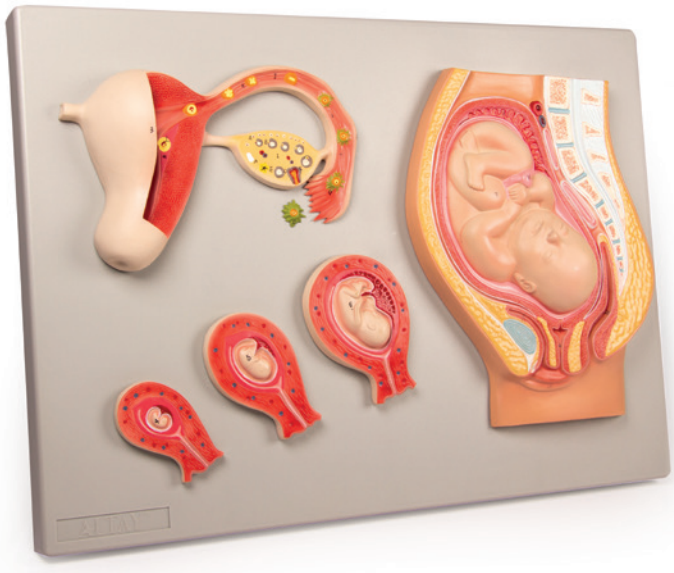
2 part,
5 times
life-size



Ovary structure

This model shows the anatomy of the human fallopian tube and ovary. The follicles are shown at different stages of maturation, from the primary follicle to the corpus albicans. A primary follicle is cross-sectioned, to illustrate the inner structure. The oocyte, zona pellucida and granulosa cells.

Ref.no. L103
Details:



Fetal development

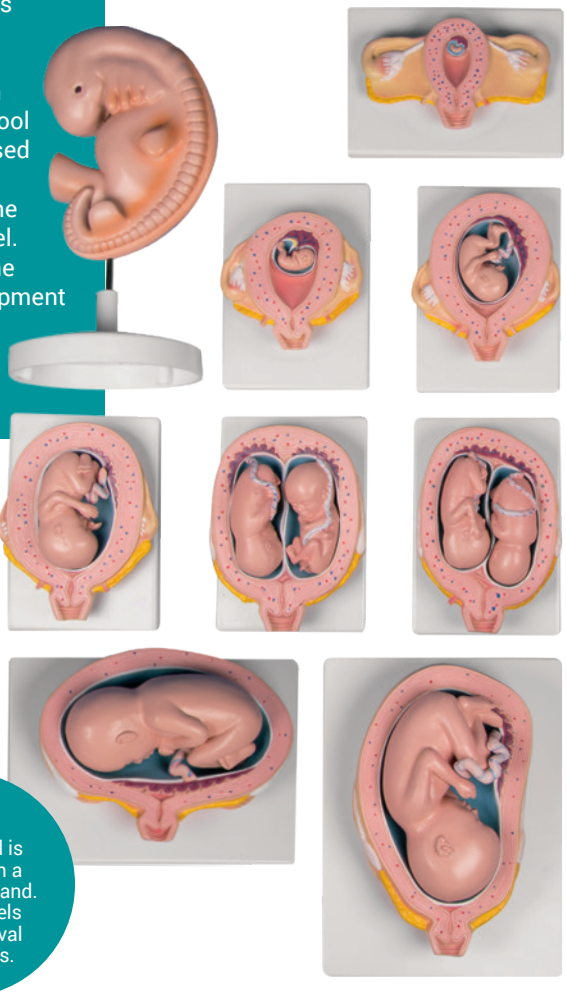
NEW PRODUCT

This model shows the process of fetal development from the unfertilized ovum to the 9th month of gestation. The model consists of 5 parts, mounted on a board that corresponds to the following developmental stages: ovulation; fertilization; zygote formation; and uterine implantation. The fetus is also shown at 2 weeks, 8 weeks, 12 weeks and 9 months of development. Mounted on board.

Ref.no. L101
Details:



This series was developed in cooperation with a German midwifery school and is composed of 8 life-size models and one enlarged model. It illustrates the human development from the 4th week to the 24th week.



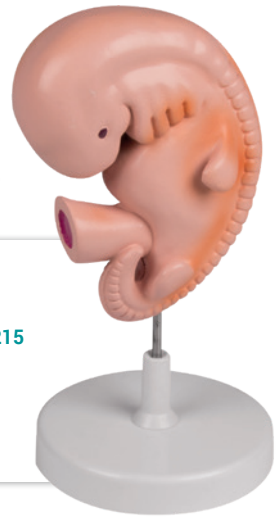
Pregnancy Model Set, 9 models

All the main anatomical structures of the uterus and embryo/fetus are well represented and explained on the manual. The models show:

- ✓ Embryo, 4 weeks, enlarged
- ✓ Embryo in uterus, 4 weeks
- ✓ Embryo in uterus, 8 weeks
- ✓ Fetus in uterus, 12 weeks
- ✓ Fetus in uterus, 16 weeks
- ✓ Fetus in uterus, transverse presentation, 24 weeks
- ✓ Twins in uterus, 2 separate placentas, 16 weeks
- ✓ Twins in uterus, 1 common placenta, 16 weeks

Each model is mounted on a removable stand. Some models allow removal of the fetus.

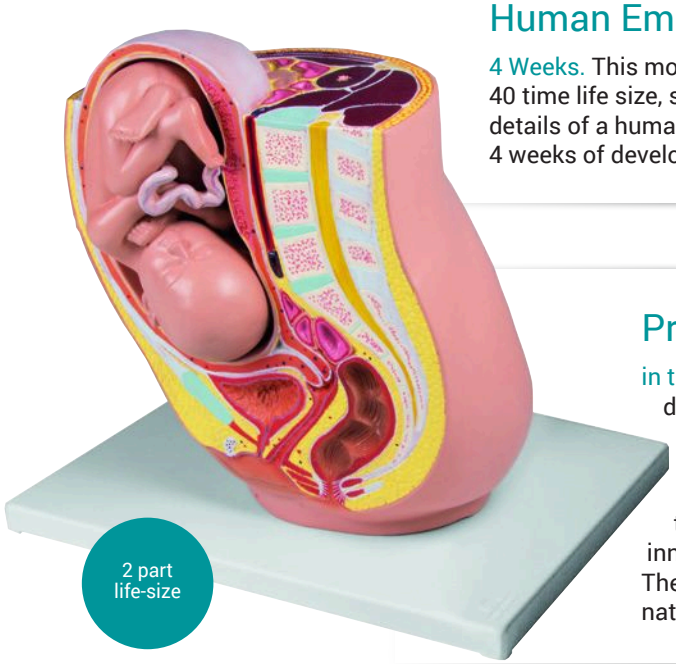
Ref.no. L204
Details:



Human Embryo

4 Weeks. This model, about 40 time life size, shows structural details of a human embryo at 4 weeks of development.

Ref.no. L215
Details:



2 part life-size

Pregnancy Pelvis with Fetus

in the 32nd week of pregnancy. This life size model depicts the female human pelvis in median section with a fetus in the 32nd week of pregnancy. The fetus is in the normal presentation and position. The model depicts graphically the position and relation of fetus and inner organs during normal pregnancy. The fetus is detachable for closer examination. Mounted on base.

Ref.no. L220
Details:



Female pelvis with fetus doll

With foetus doll, umbilical cord, and placenta. Natural casting of a female pelvis with life-size foetus doll made of cloth (plastic head). Comes in carrying bag.

Ref.no. 4071
Details:

Fetus doll with placenta
Ref.no. 4071-1
Details:

Fetus doll without Placenta
Ref.no. 4071-2
Details:

Model of Placenta & Umbilical Cord

The amniotic membrane allows you to show the fetal model inside the sac. The snap-on umbilical cord clearly shows the vein and arteries and a convenient drawstring closes the sac. Both amniotic and chorionic membranes are detailed accurately in two colors. Fits to model R10070.

Ref.no. R10071
Details:



Fetus doll

Simulating an average full-term fetus, made of soft and durable cloth (head plastic). The body is flexible to show all presentations and positions. Fits into pelvis R10072.

Ref.no. R10070
Details:

Miniature birth

demonstration set. In carrying bag.

Ref.no. 4072
Details:



Cloth Pelvis

Made of flexible cloth, this pelvic model shows how the different pelvic shapes affect pregnancy, labour and birth. Fits to Model R10070.

Ref.no. R10072
Details:



Bony pelvises and pelvic floor muscles can be found on page 23

Pelvis for demonstration of birth canal

With this model birth canal and the passage of the fetal head through the female pelvis during labour can be clearly demonstrated. The pelvic skeleton consists of flexible hip bones with movably mounted symphysis, sacrum with flexible coccyx and 2 lumbar vertebrae. The foetal skull is mounted with a flexible spiral rod on the base and can be moved freely.

Ref.no. L230
Details:





Male
50 cm
Ref.no. 2046
Details:



Female
48 cm
Ref.no. 2048
Details:

Chinese acupuncture figure

Original Chinese acupuncture figure with marking of the acupuncture points according to traditional Chinese teaching. Suitable for insertion of needles. Including instructions in Chinese and English.



Male
60 cm, 1,9 kg
Ref.no. 2051
Details:



Male
80 cm, 2,6 kg
Ref.no. 2050
Details:

Chinese acupuncture figure

This male model shows meridians and acupuncture points on one side, on the other side musculature and superficial nerves are represented. On base.

Chinese acupuncture figure



with marking of the acupuncture points according to traditional Chinese teaching. Highly economically priced model. Suitable for insertion of needles. Including instructions in Chinese and English.

Male
26 cm
Ref.no. 2044
Details:

Acupuncture ear, 22 cm



Enlarged representation of a human ear with marking of the acupuncture points according to traditional Chinese teaching. Suitable for insertion of needles. Including instructions in Chinese and English.

Ref.no. 2062
Details:

Acupuncture ears



Left and right acupuncture ear without marking of the acupuncture points according to TCM. Suitable for insertion of needles.

Ref.no. 2064
Details:

Chinese acupuncture set

This model set consists of: acupuncture figure, male, height 48 cm, acupuncture head, acupuncture hand, acupuncture foot and an acupuncture ear. With marking of the acupuncture points according to TCM. All parts suitable for insertion of needles. Including instructions in Chinese and English. Particularly economically priced in the set.

5 models:
Ref.no. 2052
Details:



Acupuncture head oder foot
according to traditional Chinese teaching. Including instructions in Chinese and English.

acupuncture head
Ref.no. 2070
Details:

acupuncture foot
Ref.no. 2068
Details:





Acupuncture figure with representation of the acupuncture points, musculature and internal organs.



Acupuncture dog

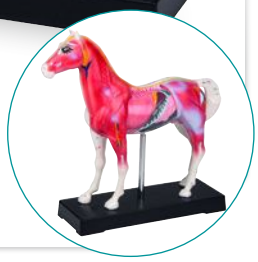
Size: 30 cm
Ref.no. 2060
Details:





Acupuncture horse

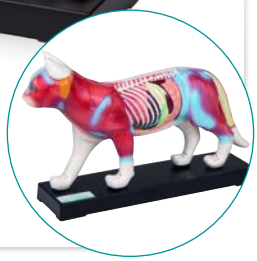
Size: 25 cm
Ref.no. 2058
Details:





Acupuncture cat

Size: 19 cm
Ref.no. 2055
Details:





Acupuncture pig

Size: 13 cm
Ref.no. 2054
Details:





Acupuncture cow

Size: 15 cm
Ref.no. 2056
Details:



ERLER ZIMMER

3D Printed Anatomy

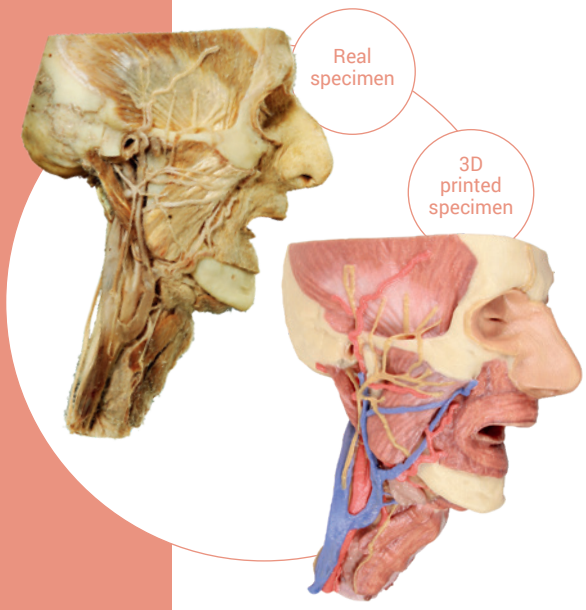


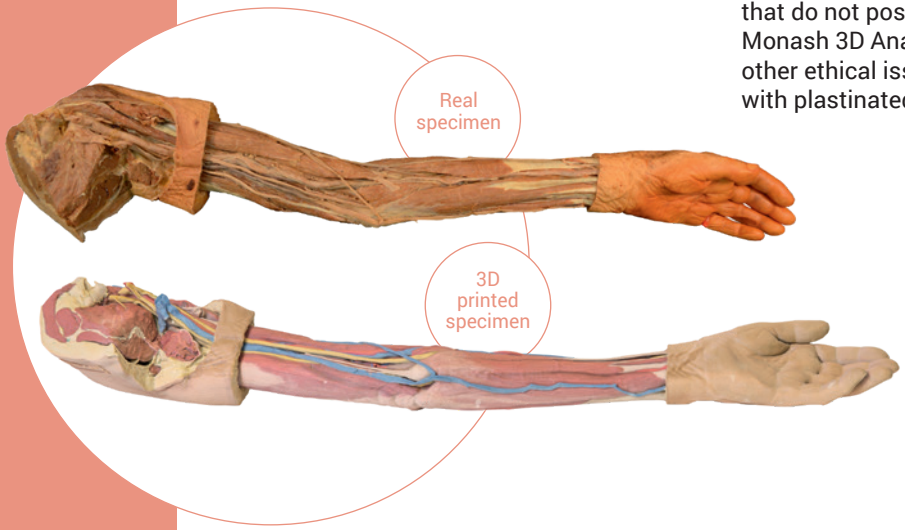
Detailed article information at: **www.erler-zimmer.de**

THE GROUND-BREAKING

Monash Anatomy Series represents an unique and unrivalled collection of colour-augmented human anatomy body replicas designed specifically for enhanced teaching and learning. This premium collection of highly accurate normal human anatomy has been generated directly from either radiographic data or actual cadaveric specimens using advanced imaging techniques. The Monash 3D Human Anatomy Series provides a cost effective means to meet your specific educational and demonstration needs in a range of curricula from medicine, allied health sciences and biological sciences. A detailed description of the anatomy displayed in each 3Dprinted body replica is provided.

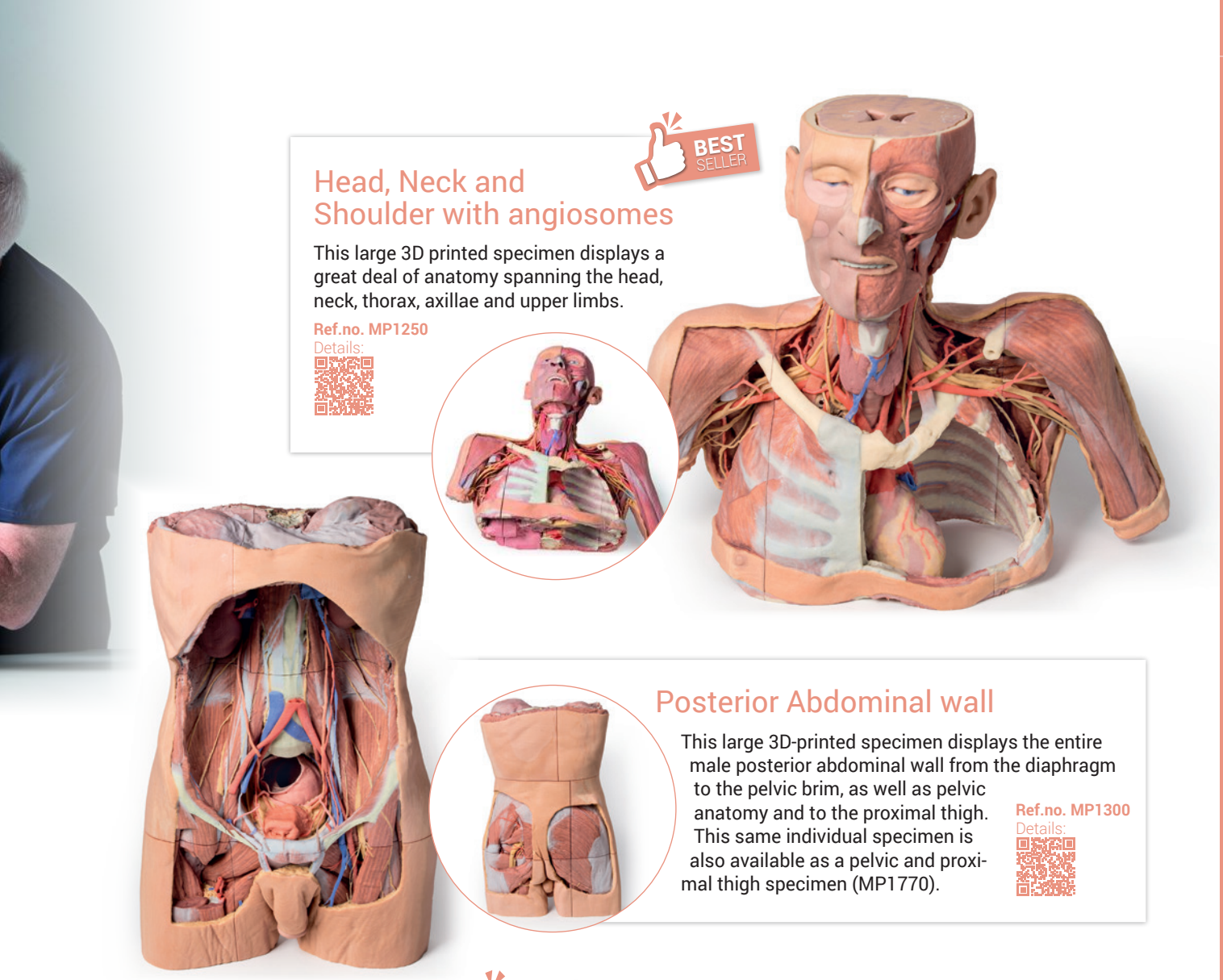






What advantages does The Monash 3D Anatomy Series offer over either plastic models or plastinated human specimens?

- ✓ Each body replica has been carefully created from selected radiographic patient data or high quality real human prosected cadaver specimens selected by a highly qualified team of anatomists at the Centre for Human Anatomy Education; Monash University to illustrate a range of clinically important areas of anatomy with a quality and fidelity that is not possible in conventional models – this is real anatomy and not stylised.
- ✓ Each body replica has been rigorously checked by a team of highly qualified anatomists at The Centre for Human Anatomy Education, Monash University, to ensure the anatomical accuracy of the final product.
- ✓ The body replicas are not real human tissue and therefore not subject to any barriers of transportation, importation or use in educational facilities that do not possess an anatomy license. The Monash 3D Anatomy Series avoids these and other ethical issues that are raised when dealing with plastinated human remains.



Head, Neck and Shoulder with angiosomes

BEST SELLER

This large 3D printed specimen displays a great deal of anatomy spanning the head, neck, thorax, axillae and upper limbs.

Ref.no. MP1250
Details:

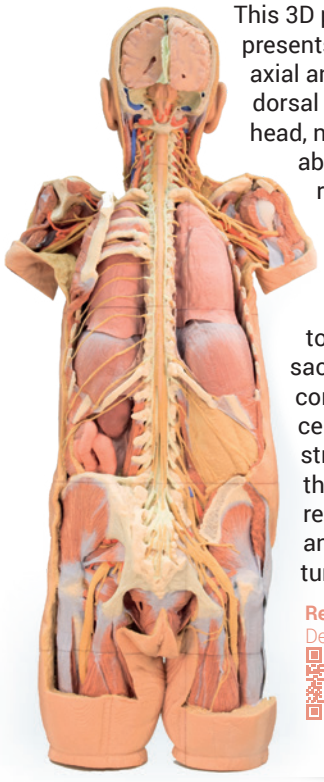
Posterior Abdominal wall

This large 3D-printed specimen displays the entire male posterior abdominal wall from the diaphragm to the pelvic brim, as well as pelvic anatomy and to the proximal thigh. This same individual specimen is also available as a pelvic and proximal thigh specimen (MP1770).

Ref.no. MP1300
Details:

Nervous System Dissection (posterior view)

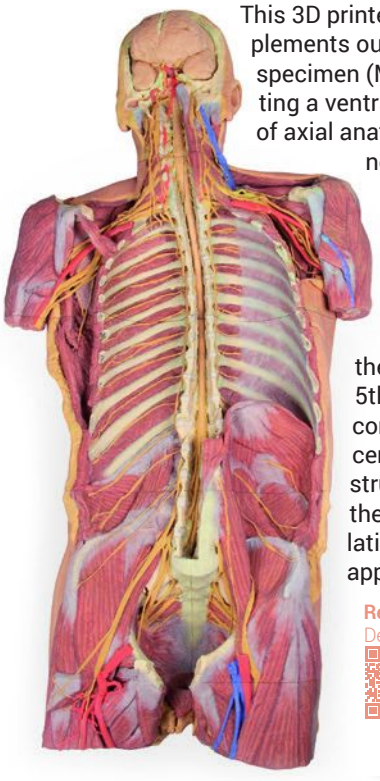
BEST SELLER



This 3D printed specimen presents a unique view of axial anatomy, presenting a dorsal deep dissection of the head, neck, axillae, thorax, abdomen, and gluteal regions. The removal of the posterior portions of the cranium and laminectomy from the cervical region to the opening of the sacral canal affords a continuous view of the central nervous system structures and origin of the segmental nerves relative to other axillary and appendicular structures.

Ref.no. MP1400
Details:

Posterior Body Wall / Ventral Deep Dissection



This 3D printed specimen complements our dorsal dissection specimen (MP1400) by presenting a ventral deep dissection of axial anatomy from the head, neck, axillae, thorax, and abdomen to the proximal portion of the thighs. The removal of the anterior portions of the cranium and vertebral bodies from the cervical region to the 5th lumbar provides a continuous view of the central nervous system structures and origin of the segmental nerves relative to other axillary and appendicular structures.

Ref.no. MP1410
Details:

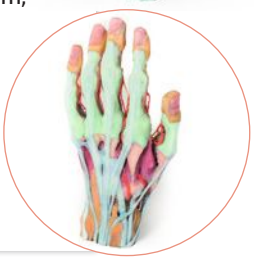
Hand

BEST SELLER



This 3D printed specimen demonstrates a superficial dissection of a left hand and wrist. Anteriorly, the transverse carpal and palmar carpal ligaments have been removed to expose the tendons and nerves traversing the carpal tunnel and Canal of Guyon. The palmar aponeurosis has been removed to demonstrate the course of the tendons through the palm, the superficial muscles of the thenar and hypothenar eminences (abductors and flexors), and the lumbrical muscles arising from the flexor digitorum tendon.

Ref.no. MP1530
Details:





Upper Limb

This 3D-printed specimen demonstrates the superficial anatomy of a left upper limb from the blade of the scapula to the hand. The skin and superficial and deep fascia has been removed from most of the limb except over the dorsum of the scapula, proximal arm, and over the hand. The superficial veins, including the median cubital vein, have been maintained; with the cephalic and basilica preserved from the wrist to the deltopectoral groove and termination in the brachial vein, respectively.

Ref.no. MP1500
Details:



Forearm and hand

– superficial and deep dissection.
This 3D printed specimen preserves a mixed superficial and deep dissection of the anterior aspect of a right distal arm, forearm and hand.

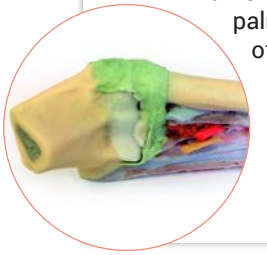


Ref.no. MP1512
Details:



Forearm and hand

– deep dissection. This 3D printed specimen of a left upper limb preserves a deep dissection from the distal humerus to the palmar surface of hand.



Ref.no. MP1514
Details:

Upper limb and hand



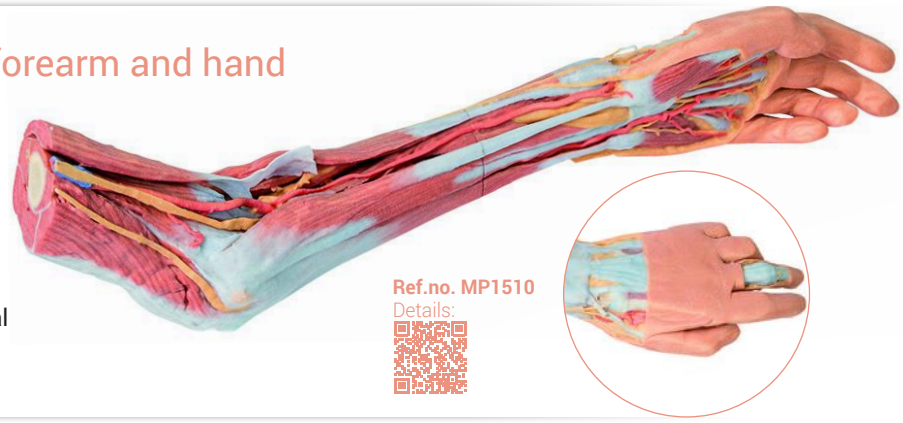
– deep dissection. This 3D print of a superficially dissected right upper limb specimen displays a mixture of the vascular, nervous and muscular anatomy of the distal arm, forearm and hand.

Ref.no. MP1513
Details:



Upper Limb – elbow, forearm and hand

This 3D-printed specimen displays a great deal of upper limb anatomy. In the distal arm and elbow/cubital fossa region it shows the arrangement of the biceps tendon, brachial artery and median nerve arranged from lateral to medial. The bicipital aponeurosis has been divided to reveal the structures deep to it.



Ref.no. MP1510
Details:

Upper Limb Ligaments

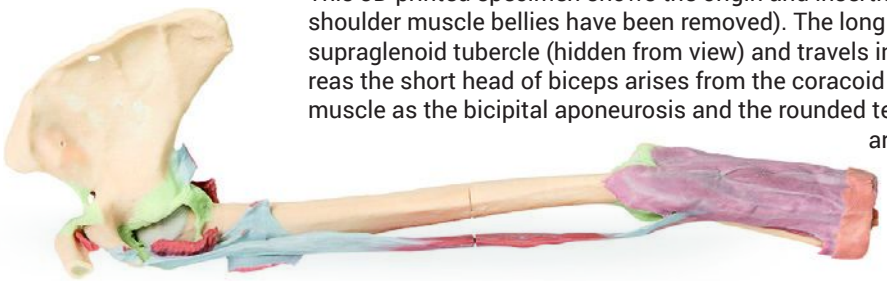
This 3D printed specimen presents the entire upper limb skeleton and ligaments from the pectoral girdle to the hand. Detailed anatomical description on request.

Ref.no. MP1520
Details:



Upper Limb – biceps, bones and ligaments

This 3D-printed specimen shows the origin and insertion of biceps (most other arm and shoulder muscle bellies have been removed). The long head of biceps arises from the supraglenoid tubercle (hidden from view) and travels inferiorly in the bicipital groove, whereas the short head of biceps arises from the coracoid process. The bifid insertion of the muscle as the bicipital aponeurosis and the rounded tendon which can be seen winding around the radius to insert into the radial tuberosity are clearly discernable.



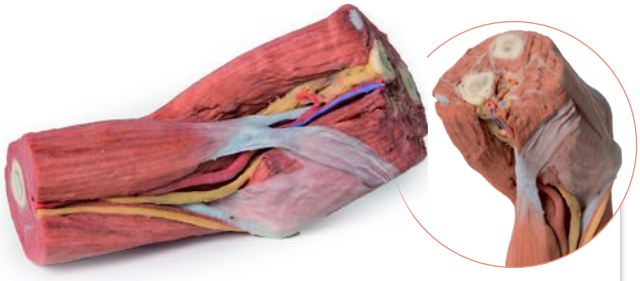
Ref.no. MP1515
Details:



Cubital Fossa

This 3D printed cubital fossa displays a superficial dissection of the right distal arm and proximal forearm. The skin and superficial fascia has been removed anteriorly, medially and laterally to expose the superficial veins (basilic, cephalic, and median cubital) and cutaneous (medial, lateral and posterior antebrachial) nerves.

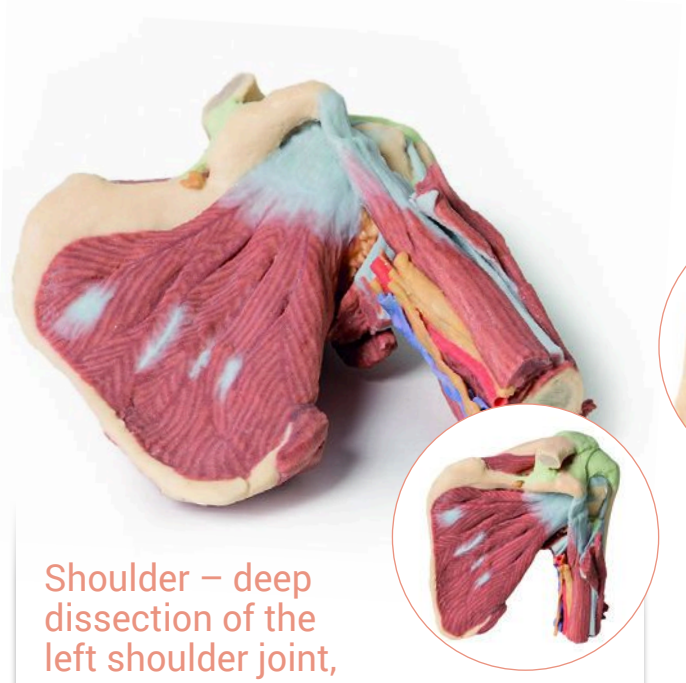
Ref.no. MP1750
Details:



Cubital fossa – muscles, large nerves and the brachial artery

This 3D printed specimen presents a left distal arm and proximal forearm with all skin, subcutaneous fat and superficial cutaneous nerves and veins removed. The elbow region partially flexed to display the arrangement of muscles and neurovascular structures of the cubital fossa.

Ref.no. MP1755
Details:



Shoulder – deep dissection of the left shoulder joint,

musculature, and associated nerves and vessels. This 3D printed specimen presents a deep dissection of the left shoulder joint, musculature, and associated nerves and vessels of the scapula and proximal humerus (to near midshaft). Anteriorly, the deltoid muscle has been detached from its origin to expose the underlying deeper structures of the shoulder joint and rotator cuff musculature.

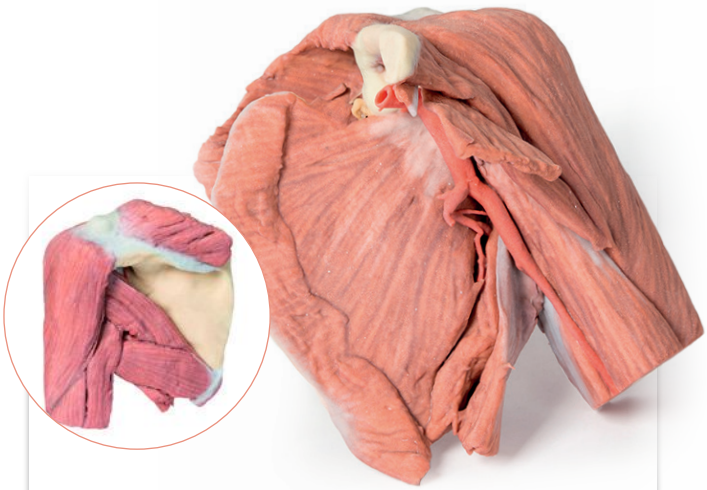
Ref.no. MP1525
Details:



Shoulder – deep dissection of a right shoulder girdle,

preserving a complete scapula, lateral clavicle, and proximal humerus. This 3D printed specimen preserves a deep dissection of a right shoulder girdle, consisting of a complete scapula, lateral clavicle, and proximal humerus. In the anterior view, the subscapularis muscle is present but sectioned to highlight the cross-sectional thickness of the belly within the subscapular fossa.

Ref.no. MP1527
Details:



Shoulder left – Superficial muscles and axillary/brachial artery

This printed 3D left shoulder specimen consists of the scapula, humerus (sectioned near midshaft) and clavicle (sectioned at midshaft) with the superficial muscles around the shoulder joint, the rotator cuff muscles and the axillary artery as it progresses distally to become the brachial artery. The muscles attached to the clavicle have been preserved including the subclavius muscle attachment to the inferior border of the clavicle and the deltoid covering the lateral aspect of the proximal upper limb (overlying the origins of the long head of biceps brachii and the lateral head of triceps brachii).

Ref.no. MP1523
Details:



Right thoracic wall – axilla, and the root of the neck

This 3D printed specimen preserves a dissection of the right thoracic wall, axilla, and the root of the neck. Structures within the right chest wall are visible deep to the parietal pleura, including the ribs, muscles of the intercostal spaces and the origins of the neurovascular bundle in each intercostal space. The pectoralis major has been reflected medially towards the sectioned edge of the specimen to expose pectoralis minor which acts as a useful landmark as it divides the axillary artery into its three parts. The clavicle has had its middle 1/3 removed, but the subclavius muscle has been retained. The brachial plexus and many of its branches are seen almost in its entirety from the roots of C5-T1 to its termination.

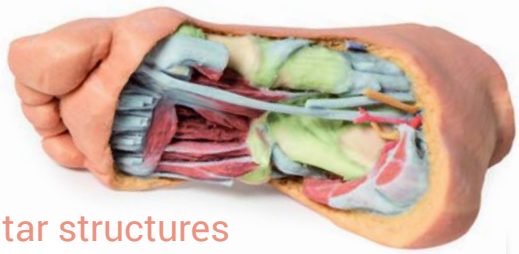
Ref.no. MP1521
Details:



Foot – Plantar surface

and superficial dissection on the dorsum.
This 3D printed specimen is a left foot with superficial structures exposed on the dorsum, and the superficial layer of muscles and nerves on the plantar surface. The anterior portion of the plantar aponeurosis has largely been removed to expose the first layer of muscles.

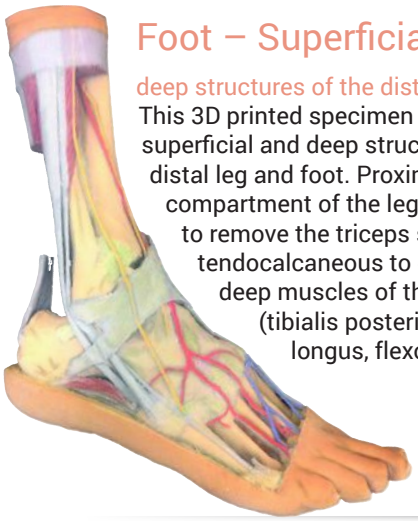
Ref.no. MP1910
Details:



Foot – Deep plantar structures

This 3D printed specimen provides a view of deep plantar structures of a right foot. Medially, the cut edge of the great saphenous vein is visible within the superficial fascia, just anterior to the cut edges of the medial and lateral plantar arteries and nerves overlying the insertion of the tibialis posterior muscle. The superficial fascias, the plantar aponeurosis, and superficial musculature have been removed to expose the deep (third layer) of musculature.

Ref.no. MP1940
Details:



Foot – Superficial and

deep structures of the distal leg and foot.
This 3D printed specimen presents both superficial and deep structures of a right distal leg and foot. Proximally, the posterior compartment of the leg has been dissected to remove the triceps surae muscles and tendocalcaneous to demonstrate the deep muscles of the compartment (tibialis posterior, flexor digitorum longus, flexor hallucis longus).

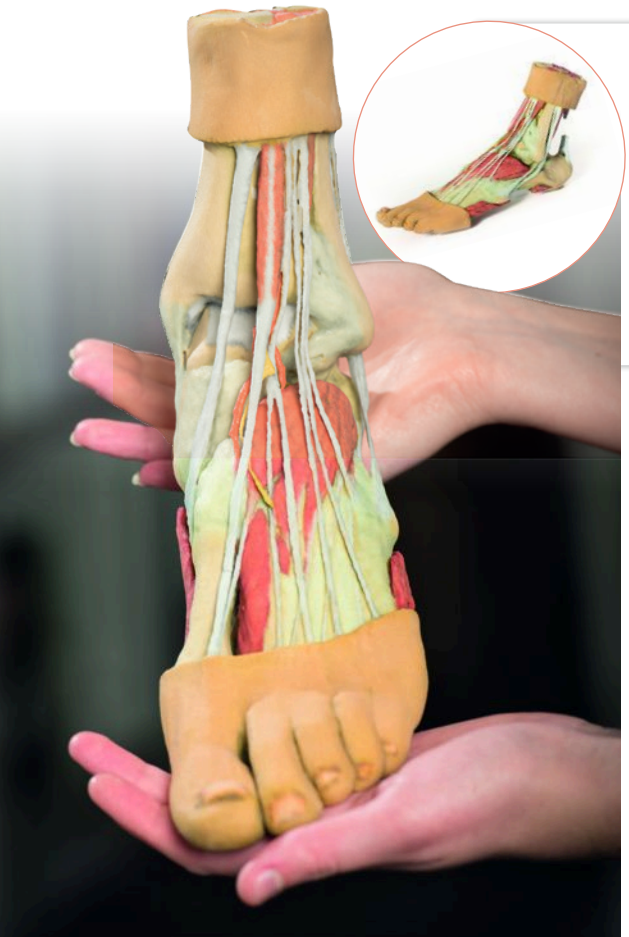
Ref.no. MP1930
Details:

Foot – Superficial and

deep dissection of distal leg and foot. This 3D printed specimens preserves a mixed superficial and deep dissection of a left distal leg and foot. Posteriorly, the compartment muscles and neurovascular structures have been removed to isolate the tendocalcaneous and expose the body of the calcaneus.

Ref.no. MP1920
Details:





Foot – Structures of the plantar surface

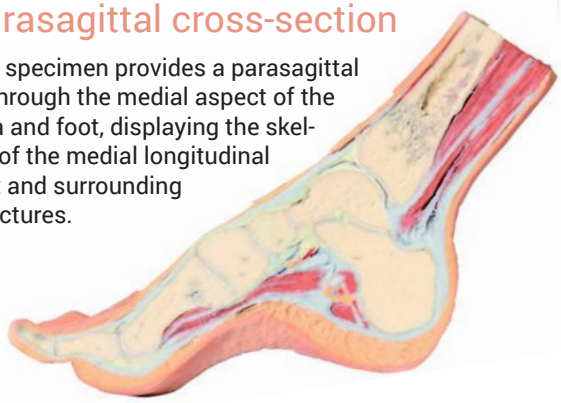
This 3D print records the anatomy of a right distal leg and the deep structures of the plantar surface of the foot. Proximally, the tibia, fibula, interosseous membrane, and leg muscles are discernable in cross-section. Medially, at the level of the ankle joint, the long tendons of the dorsi- and plantar-flexors are visible superficial to the capsular and extra capsular ligaments.

Ref.no. MP1900
Details:

Foot – Parasagittal cross-section

This 3D printed specimen provides a parasagittal cross-section through the medial aspect of the right distal tibia and foot, displaying the skeletal structures of the medial longitudinal arch of the foot and surrounding soft-tissue structures.

Ref.no. MP1850
Details:





Lower Limb – deep dissection

This 3D printed specimen consists of a right partial lower limb sectioned just proximal to the knee joint and complete through a partially dissected foot exposing the structures on the dorsum.

Ref.no. MP1809
Details:

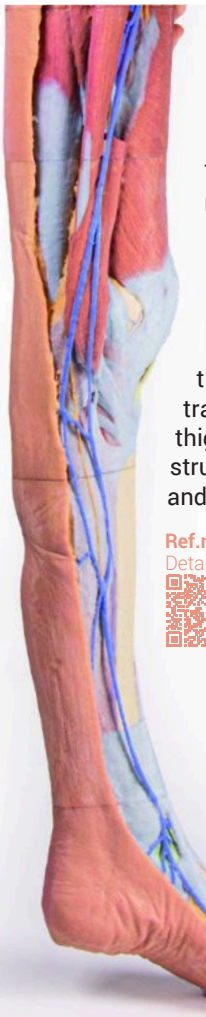




Lower Limb superficial veins

This 3D printed specimen presents a superficial dissection of a left lower limb, from just proximal to the knee joint to a complete foot. The skin and superficial fascia have been removed to display the superficial venous structures of the leg including the dorsal venous plexus, great saphenous vein (including numerous tributaries), and the small saphenous vein (including numerous tributaries) on the crural fascia.

Ref.no. MP1815
Details:

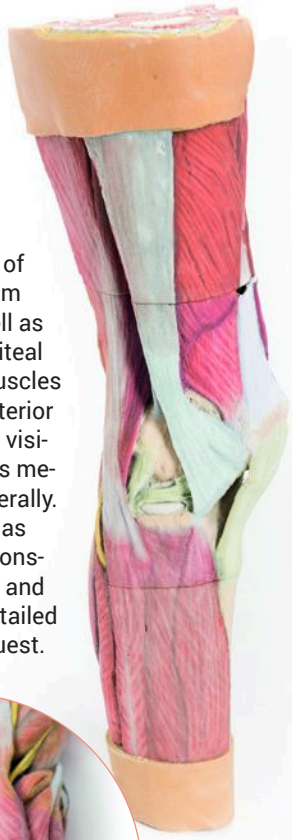


Lower limb – superficial dissection

This 3D printed specimen represents the remainder of the lower limb portions of our male abdominopelvic and proximal thigh specimen (MP1765), sectioned proximally near midthigh and continuous to the partially dissected foot. The transverse section through the thigh exposes the neurovascular structures of the anterior, medial and posterior compartments.

Ref.no. MP1816
Details:





Lower Limb Musculature

This 3D printed specimen preserves a superficial dissection of the lower limb musculature from the mid-thigh to mid-leg, as well as nerves and vessels of the popliteal fossa. The insertions of the muscles of the anterior, middle and posterior compartments of the thigh are visible, including the pes anserinus medially and the iliotibial tract laterally. The capsule of the knee joint has been opened anteriorly to demonstrate the menisci and the tibial and fibular collateral ligaments. Detailed anatomical description on request.

Ref.no. MP1810
Details:



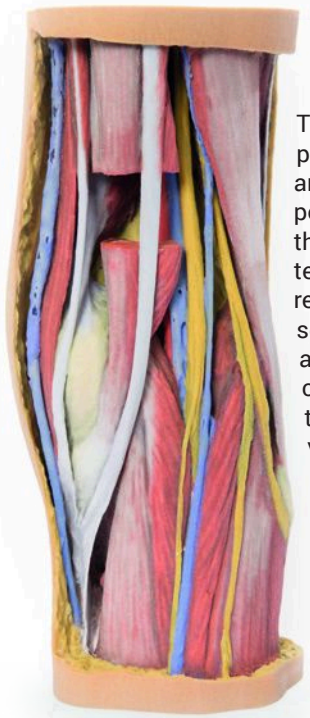


Popliteal Fossa distal thigh and

proximal leg. This 3D printed specimen preserves the distal thigh and proximal leg, dissected posteriorly to demonstrate the contents of the popliteal fossa and surrounding region.

Ref.no. MP1820
Details:





Popliteal Fossa

This 3D printed specimen preserves the distal thigh and proximal leg, dissected posteriorly to demonstrate the contents of the popliteal fossa and surrounding region. The proximal cross-section demonstrates the anterior, posterior and medial compartment muscles, with the femoral artery and vein visible within the adductor canal. The sciatic nerve and great saphenous vein are also visible.

Ref.no. MP1830
Details:

BEST SELLER





Flexed knee joint deep dissection

This 3D printed specimen displays a deep dissection of a left knee joint with the internal joint capsule structures relative to superficial tissues in a flexed position.

Ref.no. MP1807
Details:



Knee Joint, flexed

This 3D printed specimen demonstrates the ligaments of the knee joint with the leg in flexion. In the anterior view, with the patella and part of the patellar ligament removed, the medial and lateral menisci and anterior and posterior cruciate ligaments are visible.

Ref.no. MP1800
Details:



Knee Joint, extended

This 3D printed specimen demonstrates the ligaments of the knee joint with the leg in extension; it represents the same specimen as MP1800 knee joint printed in a flexed position. Both tibial and fibular collateral ligaments are intact.

Ref.no. MP1805
Details:

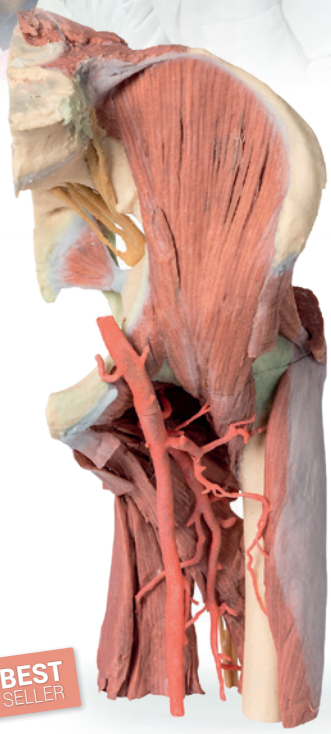




Lower limb – superficial dissection with male left pelvis

This 3D printed specimen combines the Lower limb – superficial dissection (Ref. no. MP1816) with the male left pelvis (Ref.no. MP1765).

Ref.no. MP1818
Details:



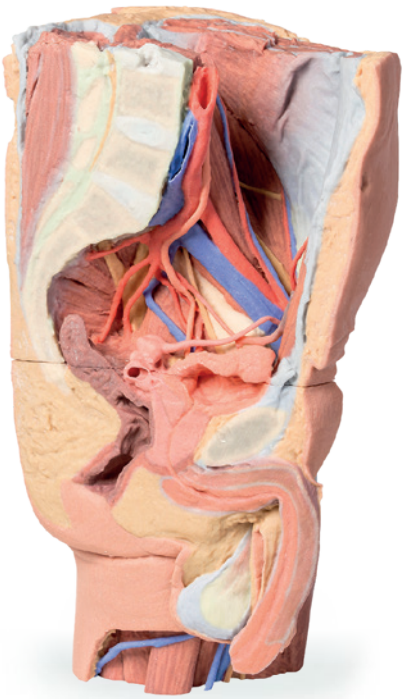
BEST SELLER

Lower Limb – deep dissection of a left pelvis and thigh

This 3D printed specimen presents a deep dissection of a left pelvis and thigh to show the course of the femoral artery and sciatic nerve from their proximal origins to the midshaft of the femur. Proximally, the pelvis has been sectioned along the mid-sagittal plane and the pelvic viscera are removed. In the pelvis the coccygeus muscle spans between the sacrum and iliac spine and the obturator artery and nerve entering the obturator canal superior to the obturator membrane.

Ref.no. MP1813
Details:



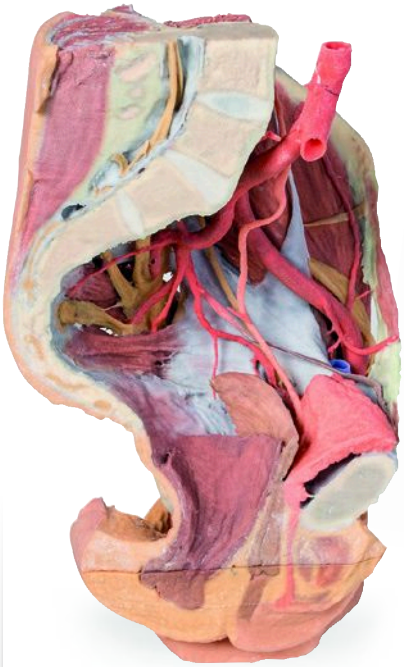


Male left pelvis and proximal thigh

This 3D printed male left pelvis and proximal thigh (sectioned through the midsagittal plane in the midline and transversely through the L3/4 intervertebral disc) shows superficial and deep structures of the true and false pelves, inguinal and femoral region. In the transverse section, the epaxial musculature, abdominal wall musculature (rectus abdominis, external and internal abdominal obliques, transversus abdominis), psoas major and quadratus lumborum are visible and separated from each other and the superficial fat by fascial layers such as the rectus sheath and the thoracolumbar fascia. The psoas major muscle lies lateral to the external iliac artery, with the left testicular artery and vein lying on its superficial surface. More laterally (and moving inferiorly), the ilioinguinal nerve, the lateral cutaneous nerve of the thigh and the femoral nerve are positioned over the superficial surface of the iliacus muscle.

Ref.no. MP1765
Details:





Female left pelvis and proximal thigh

This 3D printed female left pelvis and proximal thigh preserves both superficial and deep structures of the true and false pelves, inguinal region, femoral triangle, and gluteal region. The specimen has been sectioned transversely through the fourth lumbar vertebra, displaying the cross-section of the musculature (epaxial musculature, psoas and quadratus lumborum muscles) and cauda equina within the vertebral canal. The ventral and dorsal roots of the cauda equina are also visible exiting the intervertebral and sacral foramina in the sagittal section.

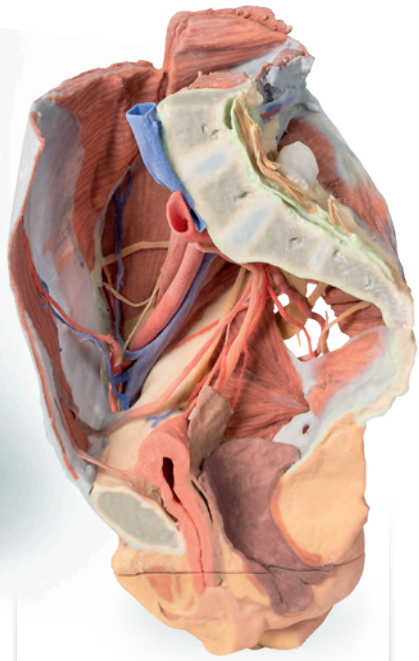
Ref.no. MP1780
Details:



Female right pelvis superficial and deep structures

This 3D printed female right pelvis preserves both superficial and deep structures of the true and false pelves, as well as the inguinal ligament, the obturator membrane and canal, and both the greater and lesser sciatic foramina. Somewhat unique is the removal of portions of the peritoneum (a grayish colour) to create 'windows' displaying extraperitoneal structures.

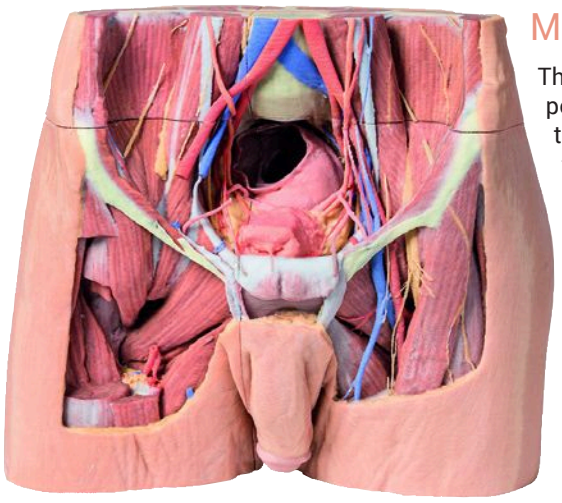
Ref.no. MP1783
Details:

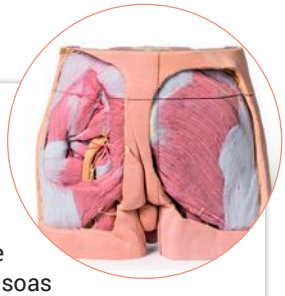


Female right pelvis

This 3D printed specimen represents a female right pelvis, sectioned along the midsagittal plane and transversely across the level of the L4 vertebrae and the proximal thigh. The specimen has been dissected to demonstrate the deep structures of the true and false pelves, the inferior anterior abdominal wall and inguinal region, femoral triangle and gluteal region.

Ref.no. MP1785
Details:

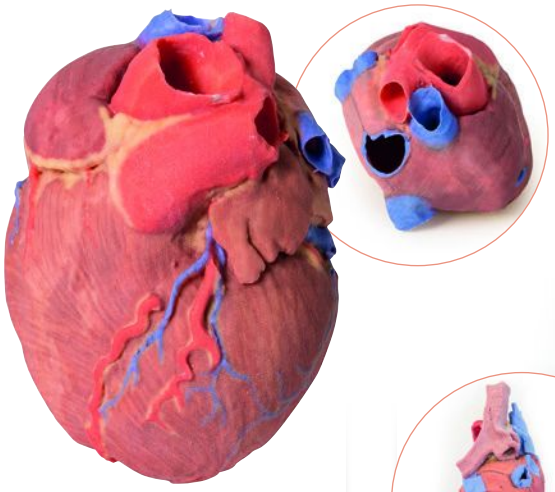




Male Pelvis

This 3D printed specimen represents the inferior posterior abdominal wall, the pelvic cavity and the proximal thigh. The common iliac veins unite to form the inferior vena cava. The iliacus and psoas muscles are easy to identify, the latter has a prominent psoas minor tendon. The nerves of the iliac fossa and their course is clearly visible, as is the genitofemoral nerves on the surface of psoas muscle. The ureters also descend on the superficial surface of the psoas and cross from its lateral to its medial border. They enter the pelvis at the bifurcation of the common iliac arteries into external and internal arteries. The external iliac arteries and veins running along the pelvic brim are clearly visible, as is the vas deferens crossing the brim from the deep inguinal ring to enter the pelvis.

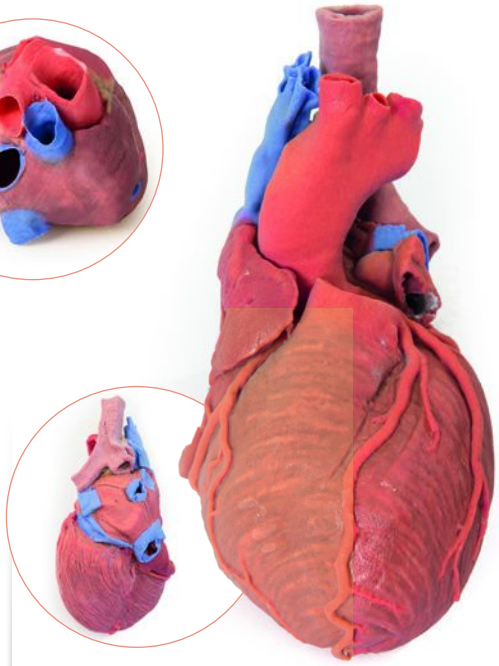
Ref.no. MP1770
Details:



Heart

This 3D printed heart specimen preserves superficial cardiac anatomy and the bases of the great vessels. All four chambers (atria and ventricles) are preserved, with the pericardial reflections on the left atrium demarcating the position of the transverse and oblique pericardial sinuses. On the posterior aspect, the coronary sinus receives all the cardiac veins (great, middle, small) and a prominent posterior vein of the left ventricle. The aortic and pulmonary semilunar valves are visible at the bases of the ascending aorta and pulmonary trunk, respectively.

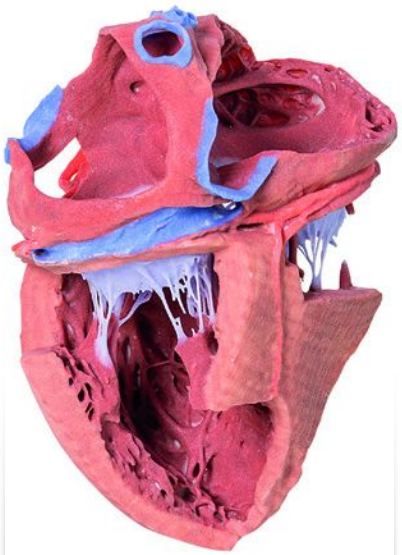
Ref.no. MP1700
Details:



Heart and the distal trachea, carina and primary bronchi

This 3D printed specimen preserves the external anatomy of the heart and the distal trachea, carina, and primary bronchi in the posterior mediastinum relative to the great vessels and left atrium The left auricle has been sectioned to demonstrate the course of the circumflex artery in the coronary groove. The pulmonary trunk has been removed to expose the (open) pulmonary semilunar valves, while the arch of the aorta is intact to display the origins of the brachiocephalic trunk, left common carotid, and left subclavian.

Ref.no. MP1710
Details:

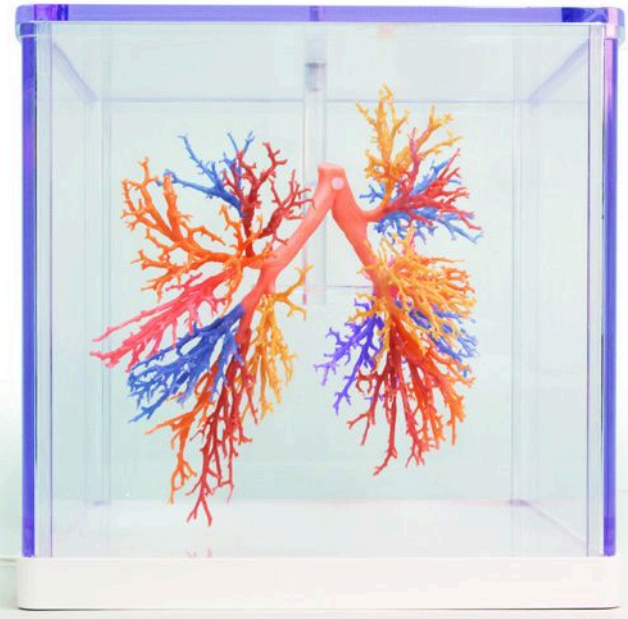


Heart internal structures

This 3D printed heart has been dissected to display the internal structures of the chambers. At the base of the heart the termination of the superior vena cava is preserved entering the right atrium. Part of the inferior vena cava is also preserved on the inferior aspect of the right atrium; however, most of the vessel lumen and much of the anterior wall has been removed to expose the pectinate muscles of the right auricle and the fossa ovalis. The anterior wall of the right ventricle has also been removed.

Ref.no. MP1715
Details:

BEST SELLER

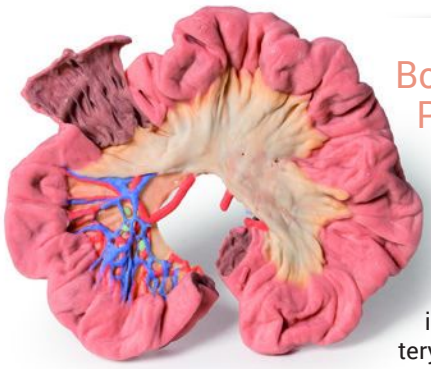


Bronchial Tree

This 3D printed specimen presents the conducting pathways of the respiratory system from the trachea, carina, and complete right and left bronchial trees to the level of the tertiary lobar bronchi. Each set of lobar bronchi have been colour-coded to demonstrate the bronchopulmonary segments of the right and left lobes.



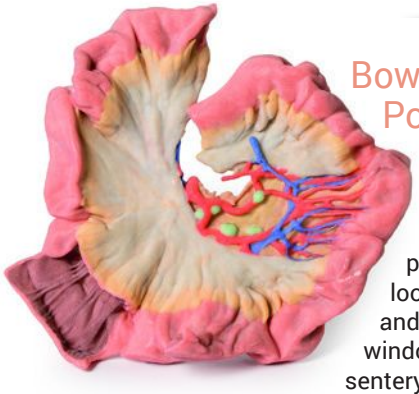
Ref.no. MP1690
Details:



Bowel – Portion of Ileum

This 3D printed specimen demonstrates a small loop of ileum and mesentery. A window into the mesentery has been dissected (removing fat and visceral peritoneum) to show arterial arcades in the mesentery.

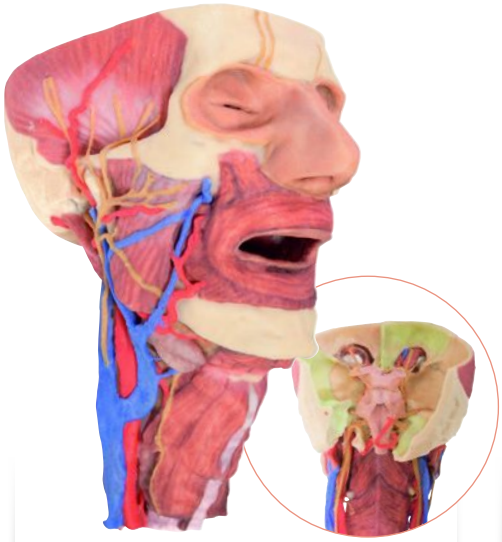
Ref.no. MP1725
Details:



Bowel – Portion of Jejenum

This 3D printed specimen presents a small loop of jejenum and mesentery. A window into the mesentery, fat and visceral peritoneum has been removed to illustrate the arterial arcades in the mesentery.

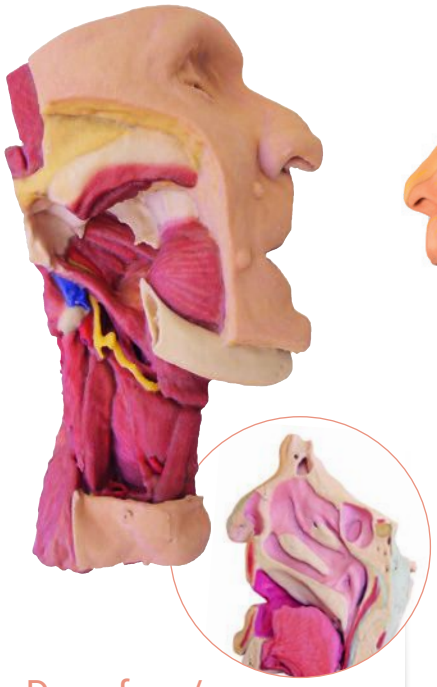
Ref.no. MP1730
Details:



Head and visceral column of the neck

This 3D print specimen preserves a series of features of the head and visceral column of the neck: The face: On the right side of the head the parotid gland has been removed to reveal the facial nerve and all its branches (temporal, zygomatic, buccal, marginal mandibular and cervical) and demonstrate the spatial relations of structures embedded in the gland from superficial to deep (facial nerve, retromandibular vein, external carotid artery). In the surrounding region the temporalis, masseter and posterior belly of digastric are exposed, as are and the facial artery, transverse facial artery and superficial temporal artery. The facial vein and transverse facial vein are clearly visible uniting to form the common facial vein which is joined by the retromandibular vein to form the external jugular vein.

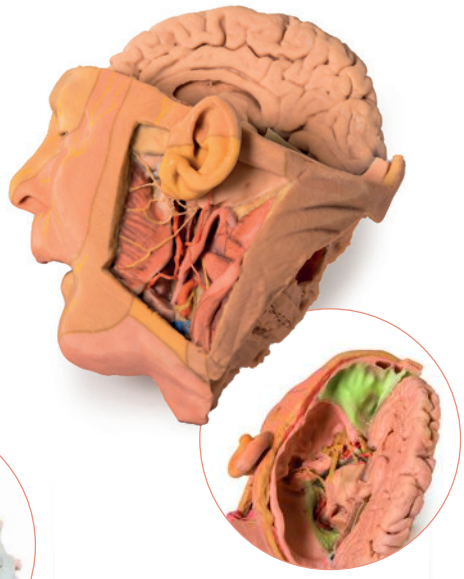
Ref.no. MP1670
Details:



Deep face/ Infratemporal fossa

In this 3D printed specimen of a midsagittally-sectioned right face and neck, the ramus, coronoid process and head of the mandible have been removed to expose the deep part of the infratemporal fossa. The pterygoid muscles have also been removed to expose the lateral pteygoid plate and posterior surface of the maxilla. The buccinator has been retianed and can be seen originating from the external aspect of the maxilla, the pterygomandibular raphe and the external aspect of the (edentulous) mandible.

Ref.no. MP1665
Details:



Head and Neck

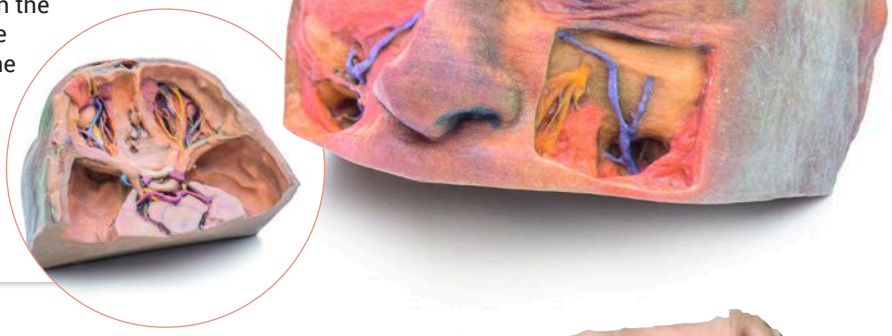
This 3D printed specimen of a parasagittally sectioned head and neck demonstrates a range of anatomical features: Lateral aspect of the face: A window has been created to expose the parotid region. The pinna of the ear has been left intact, however the mastoid process has been exposed by reflection of the sternocleidomastoid (SCM) muscle. The parotid gland has been carefully removed to display structures which are normally embedded or hidden by the gland. The attachment of the posterior belly of digastric arising from the digastric groove medial to the mastoid process can be clearly seen.

Ref.no. MP1660
Details:

Superior Orbit

This 3D printed model captures a dissection in which the calvaria and cerebrum have been removed to expose the floors of the anterior and middle cranial fossae. The midbrain has been sectioned at the level of the tentorium cerebelli and on the cross sectional surface one can identify the superior colliculi, cerebral peduncles and the substantia nigra. Anterior to the mid-brain the vertebral artery can be clearly identified rising from the posterior cranial fossa and dividing into the posterior cerebral arteries.

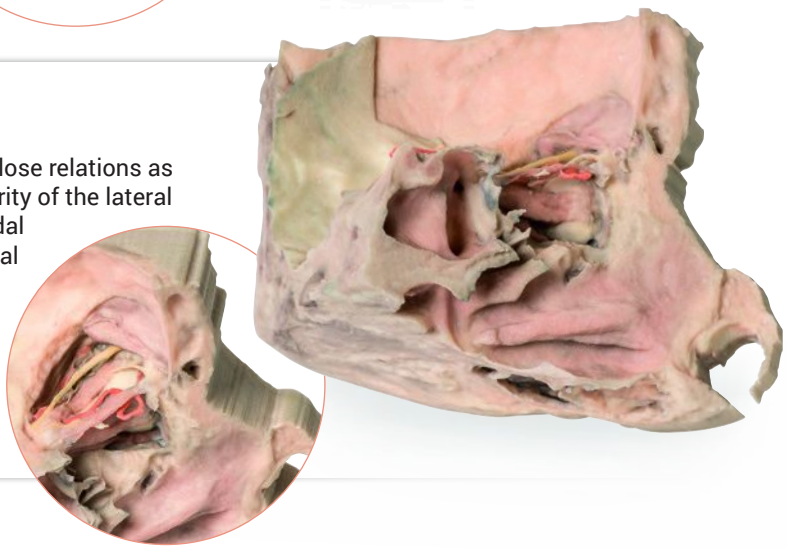
Ref.no. MP1675
Details:



Medial Orbit

This 3D print displays the orbital contents and its close relations as viewed from the medial perspective when the majority of the lateral wall of the nasal cavity and the intervening ethmoidal sinuses have been removed. The posterior ethmoidal nerve (PEN) (a branch of the nasociliary nerve, CN V1) can be seen passing between the medial rectus (MR) inferiorly and the superior oblique muscle superiorly. Detailed anatomical description on request.

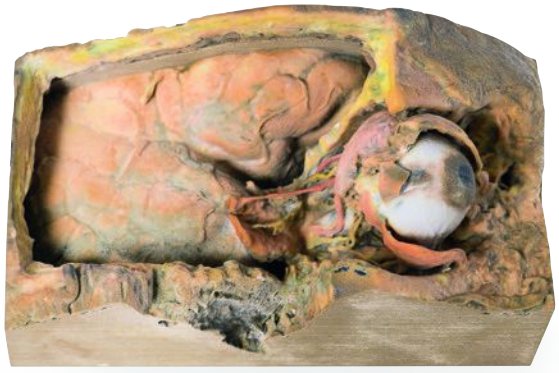
Ref.no. MP1685
Details:

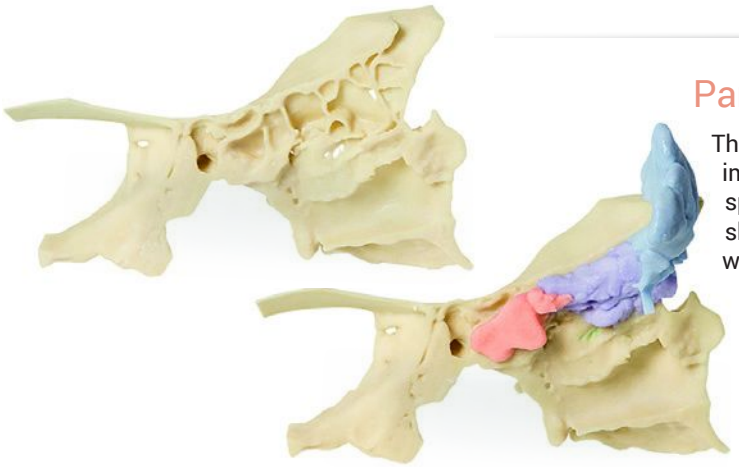


Lateral Orbit

This 3D printed specimen shows the orbit from the lateral perspective when the bony lateral wall and part of the calvaria of the skull have been removed. The frontal and temporal lobes of the brain are exposed. In the orbit the lateral rectus (LR) has been divided to demonstrate the intraconal space. The muscle near its insertion has been reflected anteriorly to reveal the insertion of inferior oblique muscle (IO). The portion near its origin from the annulus is reflected to reveal the abducens nerve (VI Nv) entering the bulbar aspect of the muscle belly.

Ref.no. MP1680
Details:





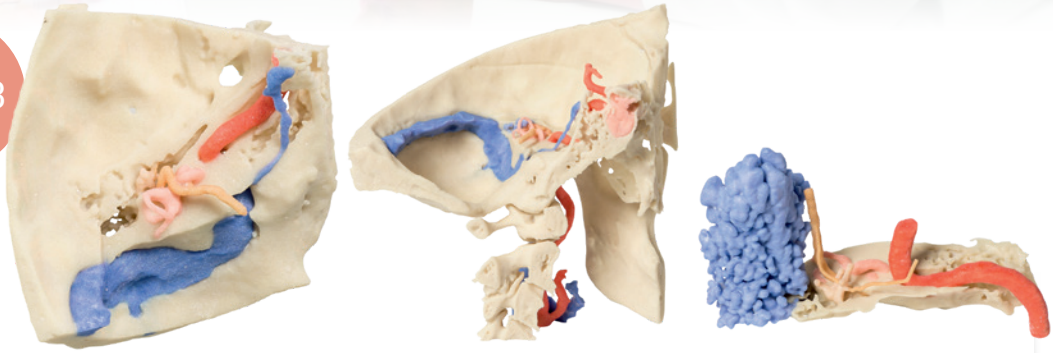
Paranasal Sinus model

This unique model has been created from CT imaging and segmentation of the internal spaces of the viscerocranium. Parts of the skull have been retained but sections or windows have been removed to expose the paranasal sinuses. The paired frontal sinuses, with the right being partially subdivided, are coloured blue.

Ref.no. MP1630
Details:



Set of 3



Temporal Bone Model

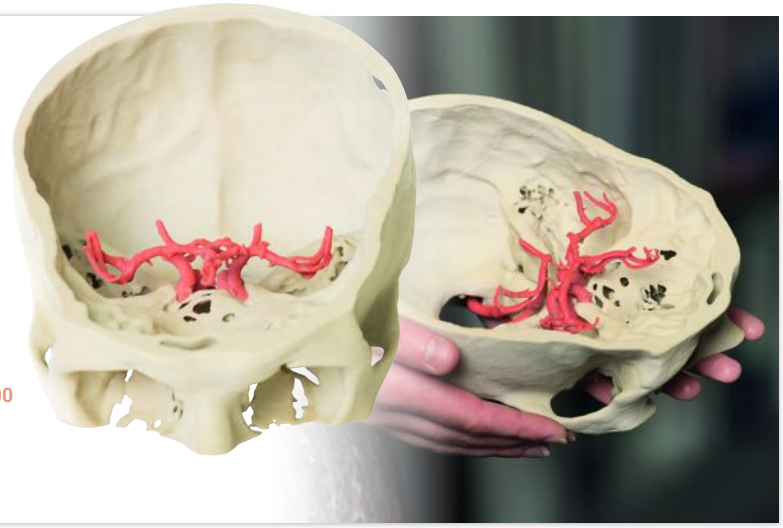
This 3 part 3D printed model derived from CT data highlights the complex anatomy of the temporal bone including bone ossicles, canals, chambers, foramina and air spaces. In addition, the spatial relations between temporal bone and other structures of otological importance, i.e. carotid artery, dural venous sinuses, related nerves and the dura mater are indicated. Internal casts (endocasts) of the bony chambers and canals have been created to aid visualisation of the internal anatomy of the temporal bone. The model set consists of three parts: Part 1 Skull Preparation. Part 2 The Petrous Part Of The Temporal Bone. Part 3 The Auditory And Vestibular Apparatus.

Ref.no. MP1620
Details:

Circle of Willis

This 3D printed specimen demonstrates the intracranial arteries that supply the brain relative to the inferior portions of the viscero- and neurocranium. This print was created by careful segmentation of angiographic data. The model shows the paired vertebral arteries entering the cranial cavity through the foramen magnum and uniting to form the basilar artery. The basilar can be seen dividing into their terminal posterior cerebral arteries. The superior cerebellar arteries arise just proximal to this termination.

Ref.no. MP1600
Details:



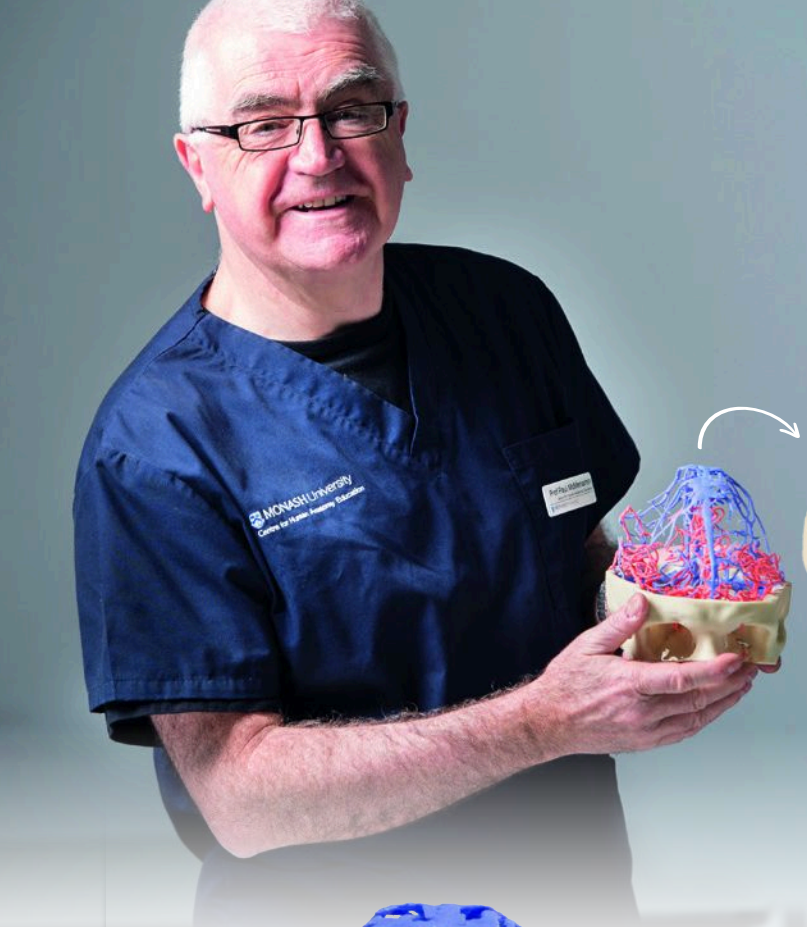
Dural Skull

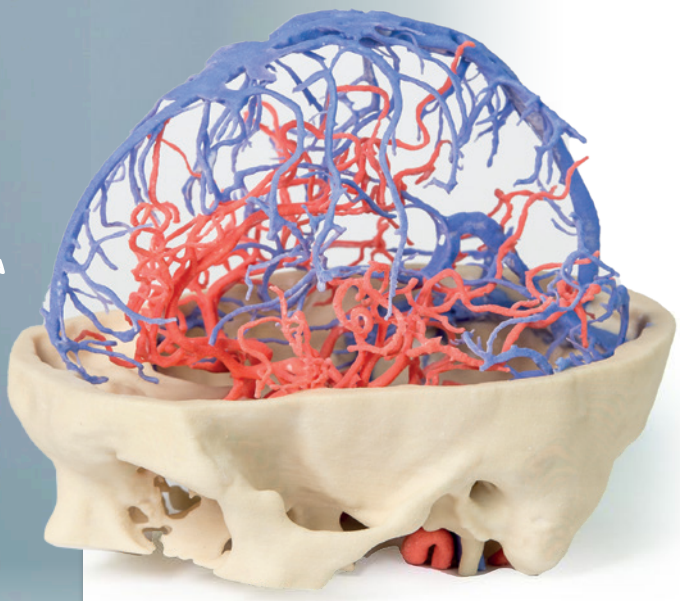
BEST SELLER

This 3D print of a dissected and opened cranial cavity displays the dural folds and dural venous sinuses, including the falx cerebri (preserved by a retained midsagittal portion of the calvaria. The intact tentorium cerebelli demonstrates the tentorial notch which normally houses the midbrain.

Ref.no. MP1610
Details:



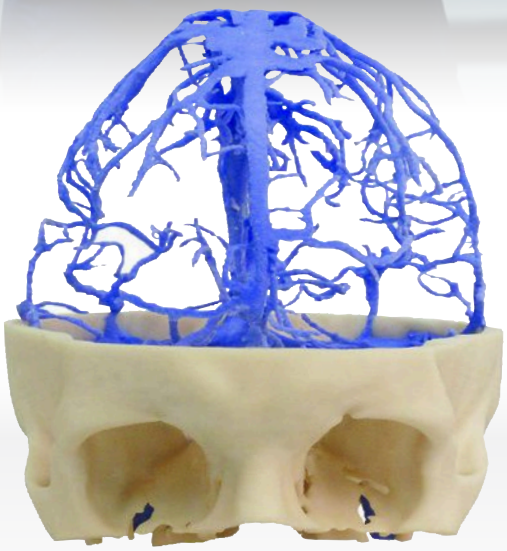




Arterial and Venous Circulation

This 3D print integrates segmented angiographic data of both the cranial arterial and venous circulation into a single model. This model is a combination of 'Circle of Willis' MP1600, 'Cranial Arterial Circulation' MP1650 and 'Cranial Venous Circulation' MP1645 prints.

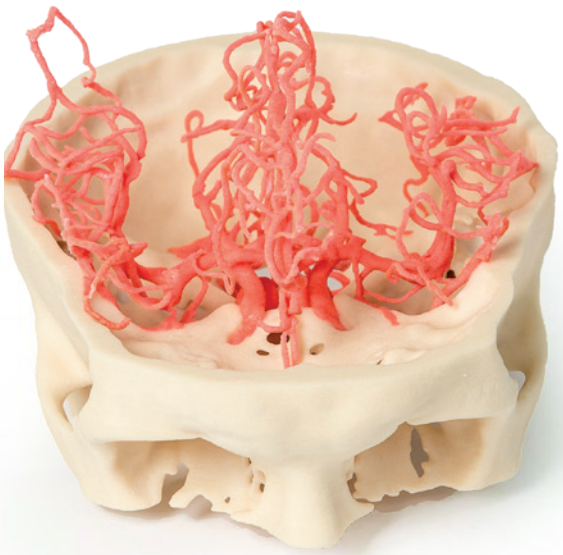
Ref.no. MP1640
Details:



Venous Circulation

Based on the same dataset as MP1600 and MP1650, in this 3D print the dural venous sinus network has been segmented based on structures visible from the circulation of contrast medium. As a result, while most of the sinuses are present, the lack of contrast in the anterior portions of the venous system means that some structures (cavernous sinus, petrosal sinuses) are not included in the model. The extensive network of dural veins and venous lacunae are visible, joined in the midline to the superior sagittal sinus. Deep to this network of sinus veins are the great cerebral vein, the inferior sagittal sinus and the straight sinus to its convergence with the superior sagittal at the confluence of sinuses. Several dural veins drain into the left and right transverse sinuses as they pass anterior towards the petrous portion of the temporal bone. The sigmoid sinuses can be seen in the posterior cranial fossa prior to exiting the skull at the jugular foramen and forming the internal jugular vein (visible on the inferior surface of the skull).

Ref.no. MP1645
Details:



Arterial Circulation

Like our circle of Willis print, this model demonstrates the internal carotid and vertebral arteries entering the skull, branching into the intracranial arteries that supply the brain. This more expanded 3D print of the internal carotid and vertebral artery anastomoses and branches, inclusive of the circle of Willis, displays the full branching pattern of the cerebral and cerebellar arteries.

Ref.no. MP1650
Details:

ERLER ZIMMER

Medical Simulators



Detailed article information at: **www.erler-zimmer.de**





Deluxe Childbirth Model Set

With this set you can easily demonstrate the birth process. The 48cm-long Fetal Model represents an average-sized, full-term baby. The body flexes to show all presentations and positions, and the head has palpable anterior and posterior fontanels. The Perineal Cloth Model (13 x 16,5 cm) demonstrates the stretching of the perineum, possible episiotomy, and the emergence of the fetal head. The cloth attaches to our Flexible Pelvis Model and accommodates the head of the Fetal Model. The Flexible Pelvis Model can be manipulated to demonstrate how the pelvis moves to accommodate delivery. The Placenta/Cord/Amnion/Chorion Model allows the Fetal Model to be shown inside a simulated amniotic sac. The amniotic and chorionic membranes are accurately detailed in two colors.

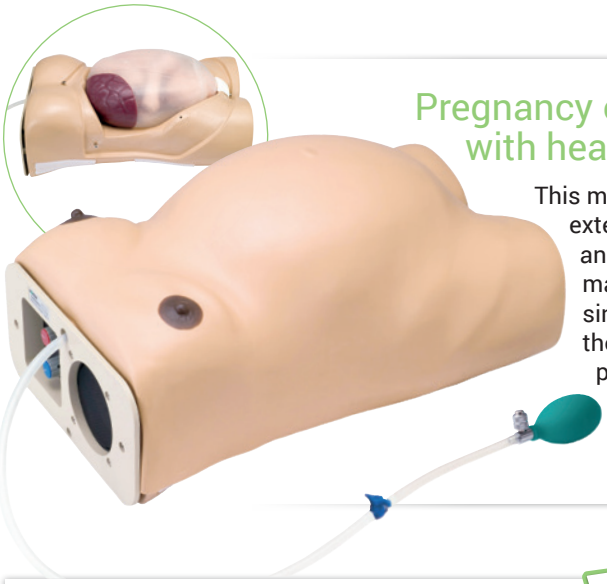
Ref.no. R10074
Details:

Abdominal Palpation Model Set

This model set is perfect for performing Leopold's maneuvers and for demonstrating palpation of the abdomen to determine fetal lie, presentation, and position. The Abdominal Palpation Model includes a fetus with movable arms and legs, firm buttocks, and a head with palpable anterior and posterior fontanels. The fetal body flexes to allow demonstration of all presentations and positions. The abdomen, a padded cloth attached by Velcro to the base, makes it easy to visualize and change fetal positions. With a gel pad that provides added cushion over the fetus for a more realistic feel and with a movable gel packs to simulate amniotic fluid.

Ref.no. R10075
Details:





Pregnancy examination model with heartbeat simulation

BEST SELLER

This model allows practice of examination using the 4 Leopold gestures, external pelvic measurement, auscultation of the foetal heartbeats and breast care. The abdominal wall consists of a special synthetic material, which conveys an entirely natural feel. By adding or releasing air, the simulated quantity of amniotic fluid can be adapted to the desired conditions. Any modification of foetal position is possible. The simulated heartbeats can be modified in both rate and intensity. By means of exchangeable inserts, it is possible to simulate a smaller or larger birth canal.

Ref.no. LM43N
Details:

Obstetric Examination Simulator

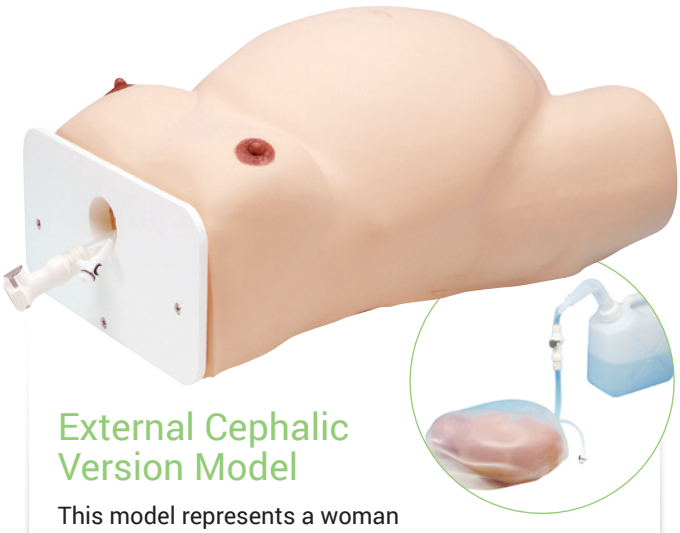
NEW PRODUCT

This simulator represents a pregnant woman in the 39th to 40th week of pregnancy and allows the training of the fundamental examination skills for prenatal check-up. Additionally to palpation and abdominal measurement it allows auscultation of foetal heart sounds. The soft and elastic skin provides a life-like sensation of palpation. The pelvis and fetus are anatomically correct. The following examination techniques are possible: Palpation, Leopold – maneuvers, Seitz – method. Measurement (Abdominal girth, Fundal height, External Pelvimetry).

Ref.no. R16140
Details:







External Cephalic Version Model

This model represents a woman in the 36th week of pregnancy. ECV technique can be practiced with this model. The amniotic sac can be filled with glycerine to simulate amniotic fluid. Different conditions can be simulated by the amount of glycerine inserted. The model is made of soft, skin like material to provide realistic feel and touch. The foetus head, hands and legs are harder than the other structures, the spine is structured, this allows palpation of the foetus position from outside.

Ref.no.LM80
Details:



Maternity Simulator

This simulation jacket gives an impressive experience about the difficulties a pregnant woman has to handle. The additional weight (7.2 kg) and the dimensions make even simple things very difficult. This simulator is designed to make understand the situation of a pregnant woman.

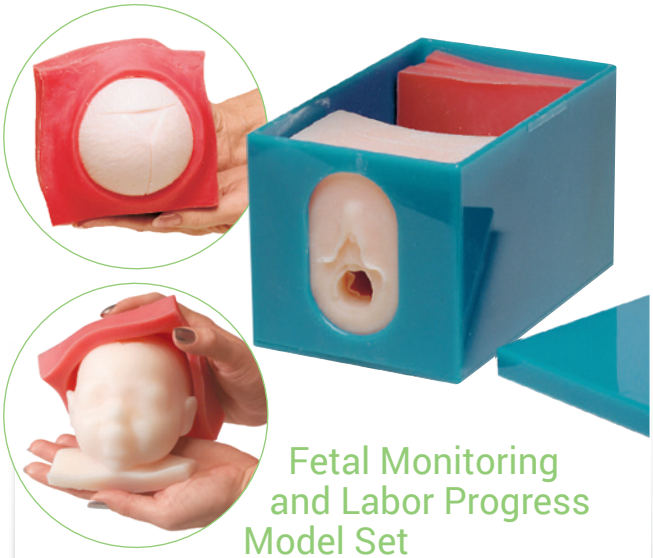
Ref.no. LM65
Details:



Cervical Dilatation and Effacement Simulators

These simulators are incredibly soft with a realistic feel and touch to enhance the simulation of cervical examination prior to birth. The set consists of six separate 10 x 11 x 12 cm pelvic blocks. The external appearance of all six blocks is identical, with the variations being in the internal structure. The simulators are clearly identified on the back side to indicate which condition exists internally. Students will gain a tactile understanding of no dilatation, 2 cm, 5 cm, 7 cm, 9 cm, and effacement conditions.

Ref.no. R10922
Details:



Fetal Monitoring and Labor Progress Model Set

Provide realistic simulation for vaginal examinations, labor progress, assessment of dilation, palpation of fetal fontanels and suture lines, and assessment of the position of the vertex. Model set includes fetal head, lower uterine segment, fetal buttocks for breech presentation, and four interchangeable cervical dilation models.

Training options:

- ✓ Performance of vaginal examinations
- ✓ Assessment of labor progress and dilation
- ✓ Palpation of fetal fontanels and suture lines
- ✓ Assessment of the position of the fetal head

Ref.no. R10925
Details:







Cervical Examination Simulator

This training model provides everything you need to perfectly train the manual examination of the cervix. The genital area is made of new and innovative material that excels in elasticity, durability and resilience.

Features:

- ✓ 5 exchangeable cervix inserts in different stages
- ✓ The position of the head is adjustable from -3 to +6
- ✓ The head has a frontal fontanel
- ✓ Anatomical landmarks such as iliac spine and symphysis
- ✓ The insertion of a bladder catheter can be practiced
- ✓ A pap smear test can be practiced

NEW PRODUCT

Ref.no. R16160
Details:



Delivery Assistance Simulator

This birth simulator provides training of the essential manual skills during birth. It covers all steps from perineal protection to the delivery of the placenta.

Ref.no. R16170
Details:

Features

- ✓ Anatomically correct vaginal canal, iliac spine, pubic symphysis and coccyx
- ✓ Different birth positions can be simulated
- ✓ Perineal protection can be practiced
- ✓ Forceps and vaccum delivery are possible
- ✓ Clamping, tying and cutting of umbilical cord are possible
- ✓ Delivery of placenta is possible
- ✓ The examination of placenta and amniotic sac can be practiced
- ✓ Insertion of bladder catheter is possible





Obstetric Training Simulator, Complete Set

This obstetric simulator provides the opportunity to train the whole birth procedure. A birth stages module for palpation of the cervix, a delivery module for learning manual assistance during birth and a perineal repair module make the complete set a perfect choice.

Features:

- ✓ This model has an innovative new vulva material which excels in elasticity, durability and resilience.
- ✓ Module for cervix examination
- ✓ Birth module including 5 stages of cervical dilatation
- ✓ Anatomical landmarks (Iliac spine, pubic symphysis)
- ✓ Anterior fontanel to determine the fetal position
- ✓ Possibility for speculum examination
- ✓ Possibility to perform a Pap smear test
- ✓ Insertion of a bladder catheter can be practiced
- ✓ Module for delivery assistance
- ✓ Anatomically correct vaginal canal, iliac spine, pubic symphysis and coccyx
- ✓ Different birth positions can be simulated
- ✓ Perineal protection can be practiced
- ✓ Forceps and vaccum delivery are possible
- ✓ Clamping, tying and cutting of umbilical cord are possible
- ✓ Delivery of placenta is possible
- ✓ Insertion of bladder catheter is possible
- ✓ Module for perineal repair
- ✓ Repeated training of first degree perineal tear repair
- ✓ Training of single interupted and vertical mattress suture



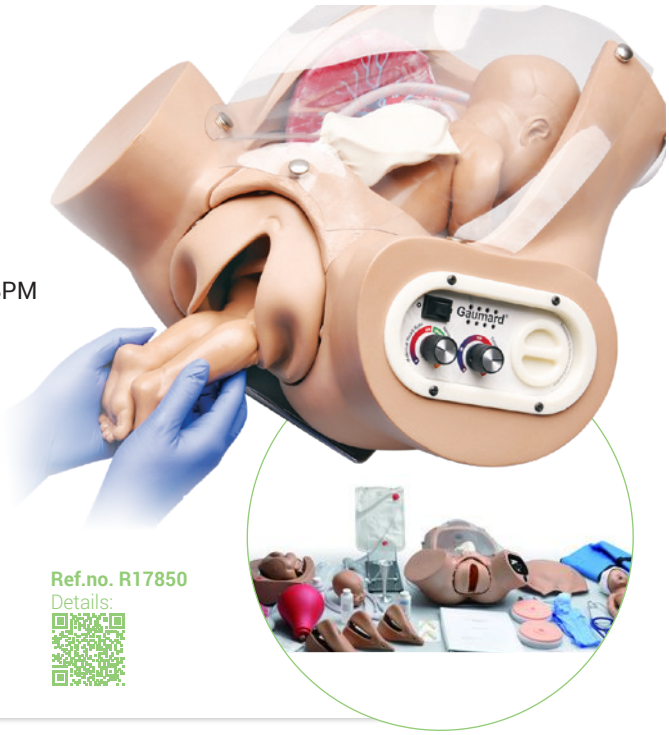
Ref.no. R16150
Details:

Advanced birthing torso

Versatile, lightweight birthing torso allows you to simulate every stage of the birthing process. Simulator is ideal for practicing Leopold maneuvers. Practice vaginal breech deliveries and free the legs using the Pinard maneuver. Includes torso, birthing baby, and newborn baby.

Features:

- ✓ Audible maternal and newborn heart sounds from 0-220 BPM
- ✓ Audible newborn cries, grunting, and stridor
- ✓ Bladder catheterization with variable urinary flow — use conventional urinary catheter to reduce bladder size
- ✓ Clamp placement and umbilical cutting
- ✓ Delivery of placenta — position placenta to simulate placenta previa
- ✓ Fetal palpation through transparent or abdominal cover
- ✓ Insertion of medication through rectum
- ✓ Use blood concentrate to simulate postpartum bleeding
- ✓ Uterine massage
- ✓ Vacuum assisted or forceps deliveries with or without abdominal cover
- ✓ Vertex or breech deliveries



Ref.no. R17850
Details:



Super OB *Susie*

The Super OB Susie childbirth training torso is designed to aid educators teach labor and delivery management skills to learners of all levels. The anatomically accurate pelvis and full-term neonate allows learners to develop clinical skills transferable to scenario-based exercises. The modular design allows the functionality to expand with growing specific training needs.

Features:

- ✓ Adult-sized lower torso from diaphragm to quadriceps
- ✓ Smooth skin with seamless joints for enhanced realism
- ✓ Anatomically accurate pelvic landmarks including ischial spines and coccyx
- ✓ Removable pregnant abdominal cover
- ✓ Articulating hip joints aid in performing McRobert's maneuver
- ✓ Removable cervix and birth canal
- ✓ Lifelike placenta with removable cotyledons
- ✓ Practice catheterization exercises with patent urethra
- ✓ Urine reservoir holds up to 400mL
- ✓ Patent rectum accepts suppositories
- ✓ Full-term neonate has palpable landmarks, articulating limbs, and soft full-body skin
- ✓ Seamless, articulated joints
- ✓ Nasal and oral cavities
- ✓ Palpable fontanelle and sutures
- ✓ Smooth, seamless scalp
- ✓ Realistically articulating neck and torso
- ✓ Detachable umbilical cord and cord stumps for additional cutting and clamping

Procedures:

- ✓ Execute cephalic deliveries
- ✓ Perform Ritgen's maneuver
- ✓ Practice breech deliveries (complete, frank, and footling)
- ✓ Perform Pinard's maneuver
- ✓ Simulate shoulder dystocia
- ✓ Practice emergency interventions including McRobert's maneuver, suprapubic pressure, posterior arm sweep, and Wood's Screw
- ✓ Perform placental and umbilical exercises (placental delivery, partial placenta previa, nuchal cord, cord prolapse, and many others)
- ✓ Practice Umbilical cord procedures like clamping and cutting
- ✓ Demonstrate internal rotation, expulsion, and external rotation Birthing Baby
- ✓ Perform operative deliveries with real instruments like vacuum suction delivery and forceps assisted delivery
- ✓ Simulate nasal and oral suctioning.

Package content:

- ✓ OB Susie® Childbirth Training Torso
- ✓ Pregnant Abdomen
- ✓ Full Term Neonate
- ✓ Placenta
- ✓ Umbilical Cord (2)
- ✓ Umbilical Stump (2)
- ✓ Cervices (2)
- ✓ Birth Canals (2)

BEST SELLER

Ref.no. R17860
Details:

Options

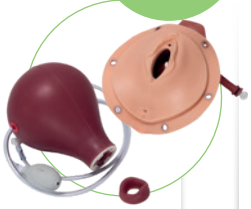
Postpartum hemorrhage management package:

The PPH Management Package enables the training of postpartum care and emergency management skills.

Features:

- ✓ Realistic post-delivery perineum
- ✓ Uterine hemorrhaging using built-in reservoir in training torso
- ✓ Uterine tamponade placement
- ✓ Adjustable uterine tone
- ✓ Urinary bladder catheterization
- ✓ Suppository administration

Package Contents: PPH Perineum. Boggy Uterus. PH Cervix. Blood Concentrate.



Ref.no. R17860-1
Details:

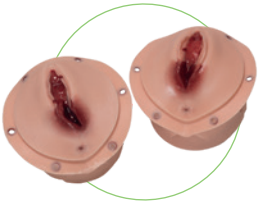
Postpartum episiotomy suture trainer:

The episiotomy repair trainers simulate human tissue and support the use of real sutures and instruments.

Features:

- ✓ Realistic soft skin
- ✓ Supports real sutures
- ✓ Durable self-healing skin

Package Contents:
Mediolateral left episiotomy perineum. Midline episiotomy perineum.



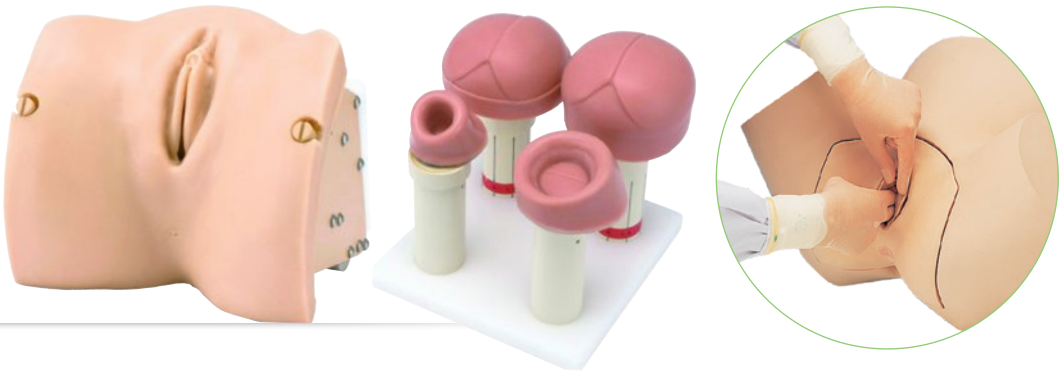
Ref.no. R17860-2
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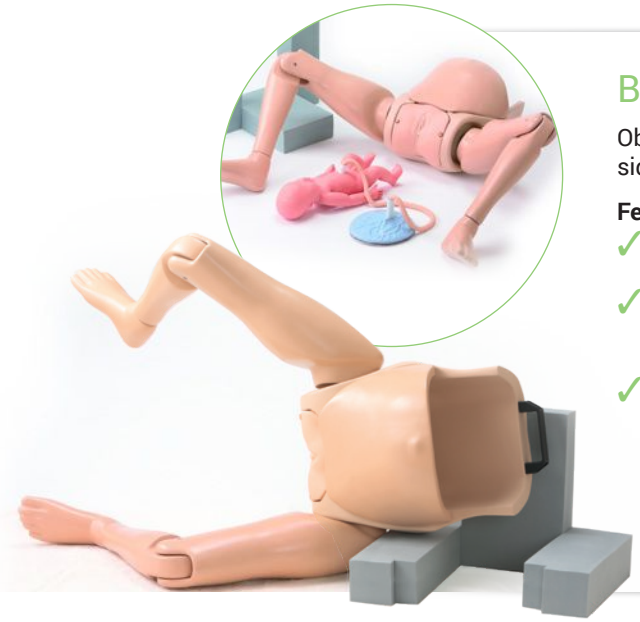
Stages-of-Birth Module

Model for upgrading LM114. For determining a Bishop Score. This module contains three different stages of the cervix as well as a foetal head. The foetal head can be placed in various positions. The cranial sutures and fontanels are palpable. Also useable as a stand-alone model with the optionally available lower torso. The model is made of a new type of highly flexible and durable material.

Ref.no. LM101F
Details:

Matching lower torso
Ref.no. LM637
Details:





Birthing simulator with Positioning option

Obstetric assistance during normal delivery, including the side-lying and hands-and-knees positions, can be practiced.

Features:

- ✓ obstetric assistance for normal delivery, side-lying and hands-and-knees position
- ✓ The fetal model can reproduce the extension of the head. This also makes it possible to practice assistance techniques during vacuum extraction and forceps delivery.
- ✓ The placenta model's umbilical cord can be manipulated with Kocher forceps and an umbilical clip. It is also possible to reproduce the nuchal cord.

Training of: Perineal protection, Delivery assistance, Cutting the umbilical cord, Delivering the placenta

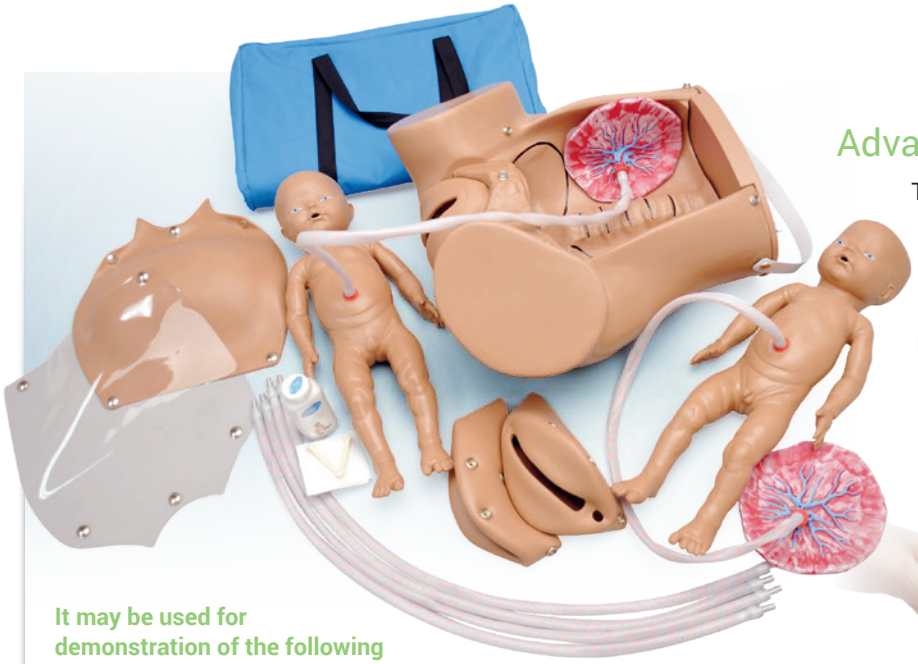
Ref.no. LM114
Details:

Obstetric Trainer

This modular model offers the practice capabilities of three individual simulators. It includes a stages of birth / palpation model for determining Bishop Scores. This module contains three different stages of the cervix as well as a foetal head. The foetal head can be placed in various positions. The cranial sutures and fontanel are palpable. The module is made of a new type of highly flexible and durable material. The second component of the model comprises a complete birth simulator that permits realistic simulation of birth. The highly flexible vulva made from new and extremely dilatable material makes it possible to learn protection of the perineum. The placenta and umbilical cord have a three-layer egg membrane. The umbilical cord can be cut and the cut area can be replaced. The foetus doll is made of highly realistic material, and can be used to learn how to examine and aspirate an infant. In addition to normal birth, it is also possible to show breech birth. The third module contains a simulator for practicing episiotomy sutures. The two included inserts can be sewed again and again.



Ref.no. LM101J
Details:



Advanced Childbirth Simulator

This versatile childbirth simulator is used worldwide by healthcare educators. It not only provides an excellent simulation of the normal delivery experience for the student and educator, but also provides instruction in abnormal and multiple deliveries.



It may be used for demonstration of the following obstetric procedures:

- ✓ Normal vaginal delivery
- ✓ Complete, frank, and footling breech birth
- ✓ C-section delivery
- ✓ Ritgen's maneuver
- ✓ Episiotomy
- ✓ Vertex presentation
- ✓ Intrauterine manipulation
- ✓ Vertex/vertex, vertex/breech, breech/vertex, or breech/breech presentation in multiple birth
- ✓ Prolapse of umbilical cord
- ✓ Demonstration of placenta previa: total, partial, and marginal
- ✓ Normal delivery of umbilical cord and placenta
- ✓ Palpation of fetal fontanelles
- ✓ Simulated suction of nose and mouth.

Features/Scope of Delivery: Removable diaphragm • end plate for manual positioning of fetal baby/babies • Removable stomach cover for positioning fetus • Life-size pelvic cavity with major anatomic landmarks • Hand-painted outline of the bony pelvis • Three soft vulval inserts for episiotomy exercises • One baby boy and one baby girl, each with umbilical cord and placenta • Anatomically accurate backbone and fontanelles on fetal baby/babies • One skin-tone stomach cover • Four extra umbilical cords • Two umbilical clamps • Talcum powder • Instruction manual • Soft carrying bag

Ref.no. R17840
Details:

Palpation Module for Leopold Maneuvers
Ref.no. R17840A
Details:

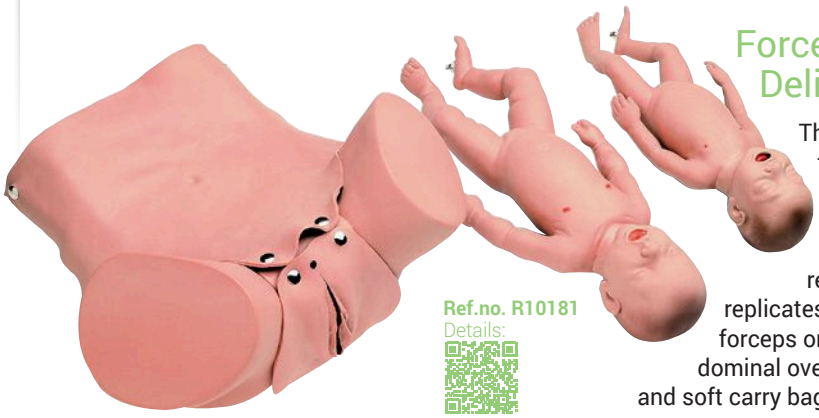
Articulating Newborn for Leopold Maneuvers
Ref.no. R17840B
Details:

Postpartum Suturing Trainer
Ref.no. R17840C
Details:

Labor Delivery Module
Ref.no. R17840D
Details:

Fetal baby, Umbilical Cord, and Placenta for Vacuum Delivery, smooth, soft skull with fontanelles for realistic vacuum delivery.
Ref.no. R17840E
Details:

Birthing Mechanism
Ref.no. R17840F
Details:



Forceps/Vacuum Delivery OB Manikin

The manikin used in Advanced Life Support in Obstetrics (ALSO) training programs. An anatomically correct pelvic model with both premature and full term foetuses to give trainees realistic practice in multiple techniques and to learn the procedure for emergency childbirth. The soft vinyl pelvis replicates the resistance encountered in a delivery requiring forceps or vacuum intervention. Comes with removable abdominal overlay, powder to make simulated blood, extra vulva, and soft carry bag. Forceps and vacuum extractor not included.

Ref.no. R10181
Details:



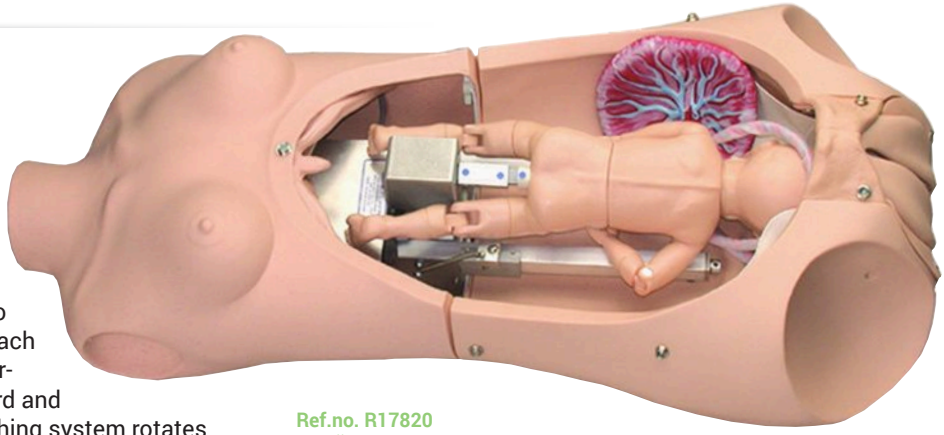


Obstetrical Manikin

An anatomically correct pelvic model with full term newborn and placenta to give your trainees realistic practice in multiple techniques, and to learn the procedure for emergency childbirth. Disposable umbilical cords with clamps, easily replaced extra vulva, powder to make simulated blood, a modular pregnant belly overlay with permanently installed foetus for training practice of Leopold's manoeuvre to determine the foetus' lie by palpating its skull and kneecaps, and a clear abdominal overlay to see positioning are all included. The lifelike pelvic cavity has pronounced pelvic landmarks, located spinal column, angled birth canal, ilium, ischium, sacrum, sacro spinous ligaments, and greater sciatic notch. The foetus provided is of a realistic newborn size with fontanels and cranial sutures. A soft carry bag is included.

Ref.no. R10180
Details:

Noelle Birthing Torso



An economical simulator for those programs dedicated to practicing all facets of childbirth. This full-size upper and lower female torso comes with removable stomach cover and one articulating birthing baby with umbilical cord and placenta. The automatic birthing system rotates baby as it moves through the birth canal. Allows you to listen to foetal heart sounds, measure head descent, and cervical dilation. Features multiple placenta positions. Replaceable dilating cervices, practice on postpartum suturing on vulval inserts, and practice of Leopold Maneuvers.

Ref.no. R17820
Details:















Birthing manikin *Hana*

This full body manikin forms the basis for a comprehensive simulation model in midwifery. The manikin as a basic platform offers general functions like airway management, oxygen administration, gastric tube, IV access in both elbows, and on the back of the hand. Placing an urethral catheter can be explained, IM and subcutaneous injections are possible. The manikin has a female breast for palpation as well as a puncture site for simulation of an epidural catheter. The manikin works as a platform and can be combined with different modules.

NEW PRODUCT

Manikin platform
Ref.no. R16200
Details:

Available modules:

Perinatal examination
Palpation (e.g. using Leopold's maneuvers, cephalopelvic disproportion assessment), repositionable fetus, auscultation of fetal sounds, with adjustable heart rates from 60 to 180, measurable abdomen girth, fundal height and external pelvimetry.

Ref.no. R16200-1
Details:

Ultrasound examination
Screening of 23 weeks fetus, fetal size assessment using BPD, AC, FL, and so on, measurement of amniotic fluid volume, determination of fetus presentation.

Ref.no. R16200-2
Details:

Cervical examination
5 types of cervical dilation models, determination of bishop score (cervix score), check fetal head position.

Ref.no. R16200-3
Details:

Birth module
Various positions: Supine, lateral, all-fours, perineal protection, cephalic and breech presentations, obstetric forceps delivery and vacuum extraction delivery, tying and cutting of the umbilical cord, delivery of the placenta, inspection of the amniotic sac, insertion of urinary catheter.

Ref.no. R16200-4
Details:

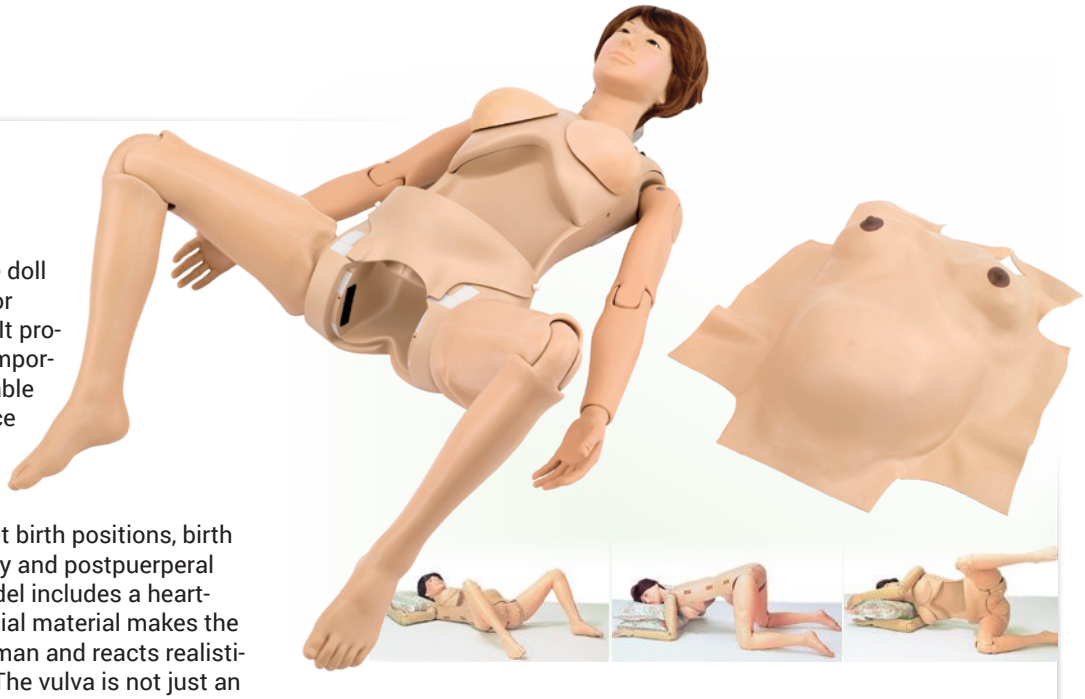
Perineal tear
Perineorrhaphy: -single interrupted suture -vertical mattress suture, repetitive suture practice for first degree perineal tear.

Ref.no. R16200-5
Details:

Puerperal assessment
Assessment uterine involution in early puerperium: 4 types of variations, measurement and palpation of uterine fundus, perineal cleaning and assessment, postpartum massage, assessment of anal prolapse.

Ref.no. R16200-6
Details:

Obstetric Practice Doll



This modular practice doll is the universal tool for Midwifery education. It provides training for all important skills. Exchangeable modules allow practice of Leopold-gestures, breast care, vaginal examination of birth process, different birth positions, birth simulation, Episiotomy and postpuerperal examination. The model includes a heartbeat-simulation. Special material makes the doll feel like a real human and reacts realistically during training. The vulva is not just an opening, it stretches like a real vulva during birth. As a full body manikin this model has the advantage against other simulators that it can be used in a complete theatre, for example the birth procedure can be practiced in a real birth position.

Ref.no. LM114H
Details:

The supplied modules are:



Pregnancy module
This module contains an amniotic sac with foetus (36th to 40th week of pregnancy), a heartbeat simulation and an abdominal wall with breasts. This module is suitable for practicing Leopold's gestures, palpation, and heartbeat monitoring (volume and rhythm can be modified by the teacher). The amniotic sac can be inserted in different ways to simulate different positions of the foetus within the womb. Additionally, the model can be used to teach breast care and breast feeding.



Obstetrics Module
This module can be used to practice birthing in all common birthing positions. The highly flexible vulva made of new extremely dilatable material responds very realistically, providing an ideal opportunity to practice protecting the perineum. The foetus doll is made of soft plastic, weights 2.3 kg, and is 42 cm long. The circumference of the head is 30 cm. The doll can be used to practice the initial examination and aspiration. The highly realistic umbilical cord and placenta complete the model. The umbilical cord can be cut and the cut area can be replaced. Birth can be demonstrated in breech position realistically.



Stages-of-Birth Module
The stages-of-birth module can be used to keep the Bishop Score. Three different stages of the cervix and a foetal head can be inserted. The foetal head can be placed in various positions; the cranial sutures and fontanels are palpable. All inserts can be rotated and modified. This module was redesigned and is now made of special soft and flexible material which makes it even more realistic and natural in touch and feel.



Postpartum Module
Four different uterus inserts permit postpartum palpitation and measurements. The module contains three normal uterus inserts (first, third, and fifth day) as well as an abnormal uterus (first day). The abdominal wall included has breasts for practicing breast care.



Obstetrics Module
Replaceable episiotomy inserts make it possible to teach and practice episiotomy sutures. The individual inserts can be reused repeatedly, provided the sutures are removed with due care.



Lucy Maternal and Neonatal Birthing Simulator, Basic

Lucy Maternal and Neonatal Birthing Simulator is a simulation system designed to present the complex needs of a growing demographic with unique health and physical challenges. Creating a new level of physical realism will allow a near-human connection and enhance the immersion in training. Designed to provide a comprehensive and economical birthing experience from prenatal to postnatal delivery scenarios. This anatomically accurate birthing simulator allows students to experience realistic normal and abnormal deliveries. The quality and simple design make Lucy easy to use and care for while teaching patient techniques for all levels of educator training.

Ref.no. R13100
Details:

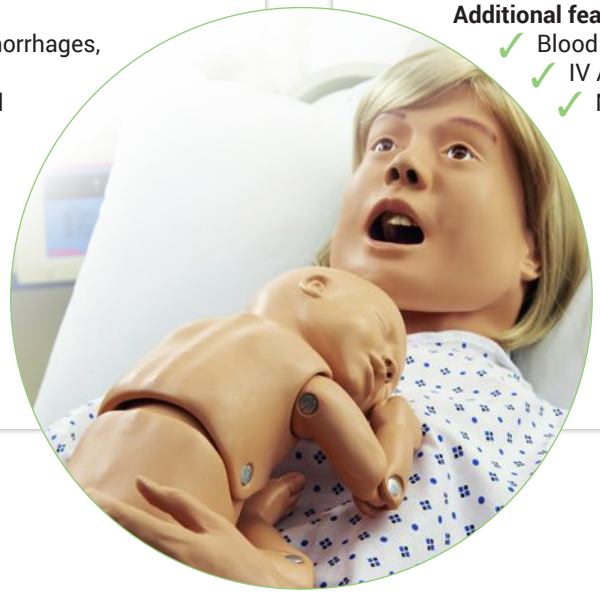
Lucy Maternal and Neonatal Birthing Simulator, Complete

Additional to the Functions and Features of the Basic Lucy manikin the Complete Lucy is supplied with a complete set of blot clots and hemorrhages as well as the Newborn Nursing Skills and ASL Simulator.

Includes all features and functions of “Basic” Lucy
Additional features of package “complete”:

- ✓ Large soft rolling carry case
- ✓ Complete Set of Clots and Hemorrhages, 5 - 1 each of small blood clot, medium blood clot, large blood clot, perineal hemorrhage, and hemorrhage blood pool
- ✓ Newborn Nursing Skills and ALS Simulator - fullterm newborn (BA96)

Ref.no. R13200
Details:



Lucy Maternal and Neonatal Birthing Simulator, Advanced

Additional to the Functions and Features of the Complete Lucy manikin the Advanced Lucy is supplied with an IV training arm, a Blood pressure training arm and a Micro-preemie Newborn Simulator.

Includes all features and functions of “Basic” Lucy
Includes all features of package “complete”
Additional features of package “advanced”:

- ✓ Blood Pressure Arm
- ✓ IV Arm
- ✓ Micro-Preemie Simulator (BA95)

Ref.no. R13300
Details:

Noelle Maternal and Neonatal Birthing Simulator with PEDI Blue Neonate

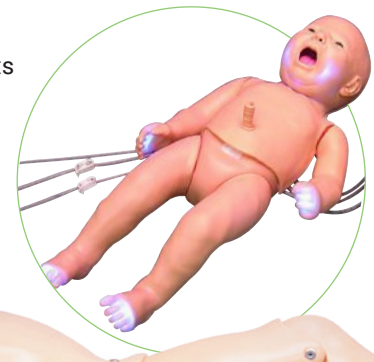
Designed to provide a complete birthing experience before, during, and after delivery.

Features:

- ✓ articulating full-body female manikin
- ✓ intubatable airway with chest rise
- ✓ IV arm for meds/fluids
- ✓ removable stomach cover
- ✓ practice Leopold maneuvers
- ✓ multiple fetal heart sounds
- ✓ automatic birthing system
- ✓ measure head descent and cervical dilation
- ✓ multiple placenta locations
- ✓ replaceable dilating cervices
- ✓ practice postpartum suturing on vulval inserts
- ✓ one articulating birthing baby with placenta and PEDI Blue Neonatal Simulator

Comes with PEDI® Blue Neonatal Simulator with SmartSkin™ technology. The PEDI® Blue Neonatal Simulator has the unique ability to change colour based upon an initial pre-selected condition and the effectiveness of airway ventilation and chest compression provided. A Code Blue® monitor, containing a small computer, observes ventilations and compressions and determines whether they meet or exceed conventional neonatal CPR standards. If acceptable, the monitor causes the skin to turn to a more healthy color. If ventilations and compressions are determined to be inadequate or nonexistent, the monitor causes the skin to turn toward an ominous blue color.

Ref.no. R17800
Details:





Noelle Maternal and Neonatal Birthing Simulator

Ref.no. R17810
Details:

Designed to provide a complete birthing experience before, during, and after delivery.

Features:

- ✓ full-size articulating female manikin
- ✓ intubatable airway with chest rise
- ✓ IV arm for meds/fluids
- ✓ removable stomach cover
- ✓ practice Leopold maneuvers
- ✓ multiple foetal heart sounds
- ✓ automatic birthing system
- ✓ measure head descent and cervical dilation
- ✓ multiple placenta locations
- ✓ replaceable dilating cervices
- ✓ one articulating birthing baby with placenta
- ✓ one resuscitation baby with intubatable airway and umbilical catheter site.







Noelle Maternal Birthing Simulator

Birthing Simulator like R17810, but without the additional resuscitation baby.

Ref.no. R17815
Details:

Postnatal examination and care model

This true to life replica of a female lower abdomen allows digital examination of the regressing uterus following birth. Special synthetic material conveys a highly natural feel. Exchangeable uterus models allow differentiation of normal and abnormal regression, in addition to regression during the first week (first, third and fifth day). In addition to these examination possibilities, the model is eminently suited to practice of postnatal care. The vulva is washable and the labia and anus can be examined.

Ref.no. LM55
Details:







Uterine Involution Assessment Simulator

This lower body provides anatomical landmarks such as symphysis, umbilicus, ribs and uterus (4 variations) and allows for training of examination of uterine involution in early puerperium. A soft and elastic abdominal wall provides lifelike haptics and allows to palpate the stage of uterine involution. The exchangeable uterine inserts show a healthy and an abnormal uterus on the first day as well as a healthy uterus on the third and on the fifth day.



Ref.no. R16190
Details:



Perineal Repair Simulator

BEST SELLER

This simulator provides the training opportunity for suturing a first-degree perineal tear. The skin is soft and flexible but strong and durable as well. The simulator allows for repeated training of suturing with single interrupted suture as well as vertical mattress suture. The simulator consists of a skin and supporting holder, an optional genital insert allows insertion into the optional birth simulator.



Ref.no. R16180
Details:

Episiotomy & Perineal Laceration Trainer

This Simulator gives students the opportunity to learn and train the techniques needed to treat the most common birth injuries. The student or teacher can cut the model after his needs to simulate all kinds of episiotomies or all stages of perineal laceration and to repair them. Embedded in the model there are representations of the bulbocavernous muscle, transverse perineal muscle and external anal sphincter, which can be cut and repaired individually. The tough tissue material is held in a plastic stand. The simulator comes with tissue pad in stand, instruments in foldover case, one suture and a soft carrying case.



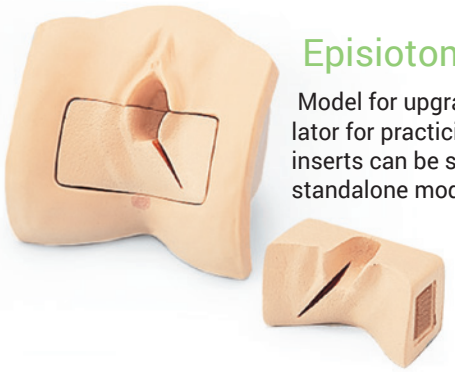
Ref.no. R10910
Details:

Replacement soft tissue insert
Ref.no. R10910A
Details:

Replacement soft tissue insert, set of 3
Ref.no. R10910B
Details:

Episiotomy Suture Simulator

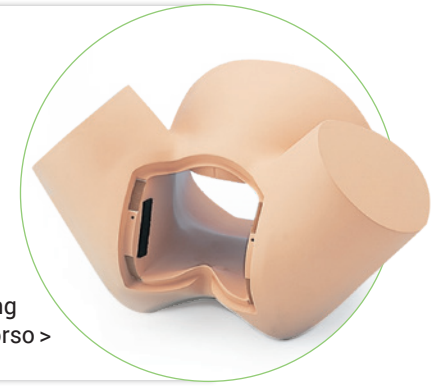
Model for upgrading LM101J and LM114. Contains a simulator for practicing episiotomy sutures. The two included inserts can be sewed again and again. Also useable as a standalone model with the optionally available lower torso.



Ref.no. LM635
Details:

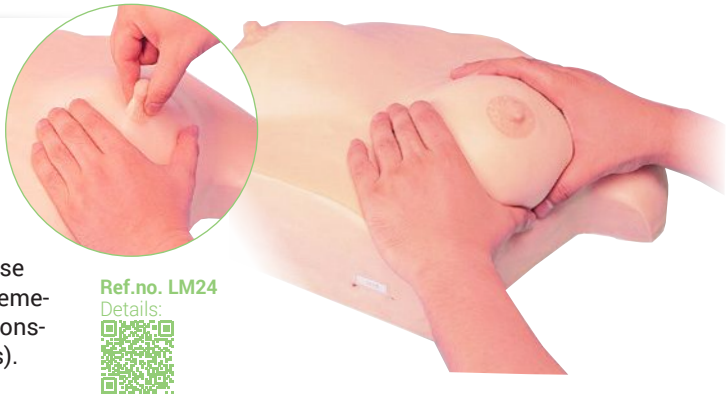
Ref.no. LM637
Details:

Matching lower torso >



Breast care and massage model

This replica of the breast of a puerperent corresponds to the natural conditions in terms of firmness, elasticity and mobility. The model is intended for practicing of breast care, breast massage and explanation of breastfeeding (smoothing of the breast, manipulation of milk pumps, correct application on the breast, etc.). Via the use of various special synthetic materials, this model is extremely realistic in appearance and feel. Also suitable for demonstration of lactation aids and appliances (e.g. milk pumps).



Ref.no. LM24
Details:

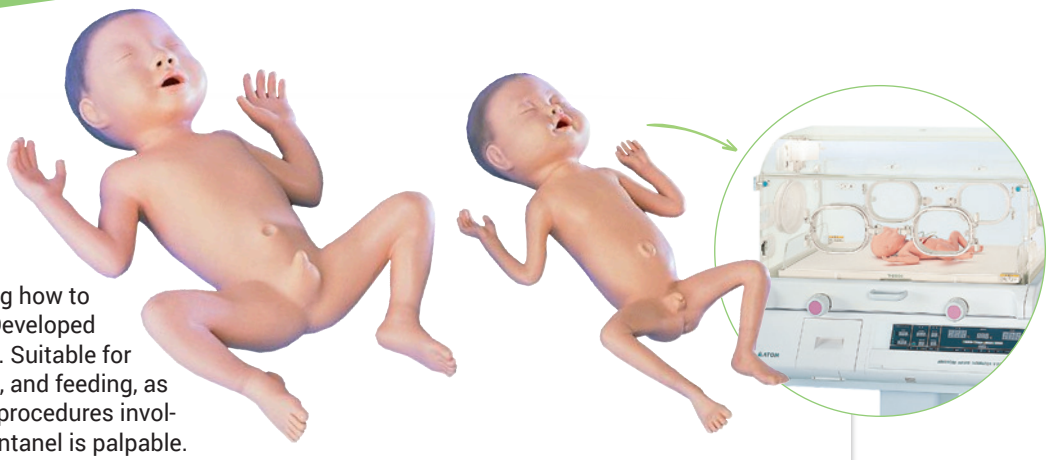
Breastfeeding simulation set



Ref.no. LM113A
Details:

Users can take a natural breastfeeding position. By attaching the strap-on-mask to a Baby manikin, users can simulate a baby's appropriate latch.

- ✓ Users can practice a „hands-on" approach to the support of breastfeeding.
- ✓ Users can observe and practice caring for the nipples and breasts.
- ✓ Simulation of engorgement of the breast enables users to observe the engorgement state and practice methods for alleviating engorgement.



Premature Infant Model

The ideal model for practicing how to care for premature infants. Developed for training in incubator care. Suitable for practicing washing, cleaning, and feeding, as well as aspiration and other procedures involving equipment. The front fontanel is palpable.

Model A: 30 week old boy
Size: 36 cm,
circumference of head: 30 cm,
Weight: 1.6 kg

Ref.no. LM62A
Details:

Model B: 24 week old boy
Size: 32 cm, circumference of head: 24 cm, Weight: 0.7 kg. On this model, the head can be turned to the side.

Ref.no. LM62B
Details:



Micro-Preemie-Simulator

The Micro-Preemie manikin simulates a 25-week neonate – the smallest, most realistically proportioned. The manikin is entirely flexible and offers training opportunities for a number of commonly performed procedures. Extraordinary realism is achieved with the preemie's pose and lack of muscle tone. Invaluable for simulation training in the care and handling techniques for infants requiring multiple medical interventions at the limits of viability. Perfect for NICU, emergency medical response teams, flight medics, mock code scenarios, nursing schools, medical schools, hospitals, and family education. Simple to use for simulation, requires no specialized equipment, and is compact and highly mobile.

Features & Functions:

- ✓ Airway, breathing, and ventilation
- ✓ Chest tube
- ✓ Cleaning and diaper changing
- ✓ Delivery
- ✓ GI
- ✓ IV access
- ✓ Monitoring
- ✓ Neural tube defect (Myelomeningocele)
- ✓ Observation and measurement
- ✓ Scenarios
- ✓ Simulated breathing
- ✓ Skin and wound care
- ✓ Skin is very soft and lifelike
- ✓ Stoma care
- ✓ Suction
- ✓ Umbilicus with optional omphalocele
- ✓ Various monitors, sensors, electrodes, etc., can be attached to the manikin wherever needed
- ✓ Ventilation

Age: 25-week gestation, length: 30 cm from head to heel, hand-to-hand, width: 22 cm, head circumference: 23 cm, head depth: 8 cm, shoulder-to-shoulder width: 10 cm, stomach circumference: 22 cm, toe-to-toe width: 15 cm, torso depth: 5 cm, weight: 0.91 kg.



Ref.no. BA95
Details:

BEST SELLER



Infant with extremely low birth weight (ELBW)

This manikin represents a male infant of 26-29 weeks gestational with 900g weight. It provides training opportunities for nursing and emergency.

Features:

Nursing procedures

- ✓ Positioning, hygiene in an incubator (not for bathing practice)
- ✓ Assessment and measurements of the body
- ✓ Inserting a urine catheter
- ✓ OG and NG tube insertion, airways suction
- ✓ Nasal CPAP ventilation

Reanimation

- ✓ Endotracheal intubation, training of Airway Management with realistic anatomy including Bronchi
- ✓ Bag-Mask-Ventilation
- ✓ Chest compressions

NEW PRODUCT

Ref.no. R16130

Details:



Newborn Care- and Emergency Manikin

This manikin provides everything for basic care and emergency care of a newborn. The full body manikin has airways with esophagus, bronchi and lungs as well as an umbilical cord. It can also be used to practice chest compressions.

Features:

- ✓ Full body manikin of a four week old newborn
- ✓ Basic neonatal care
- ✓ Positioning, hygiene (not for bathing practice)
- ✓ Palpation of the anterior fontanel
- ✓ Clamping, tying and cutting of the umbilical cord and care.
- ✓ Functional umbilical cord for catheterization and blood sampling
- ✓ Tube feeding (nasal and oral), confirmation of position by auscultation

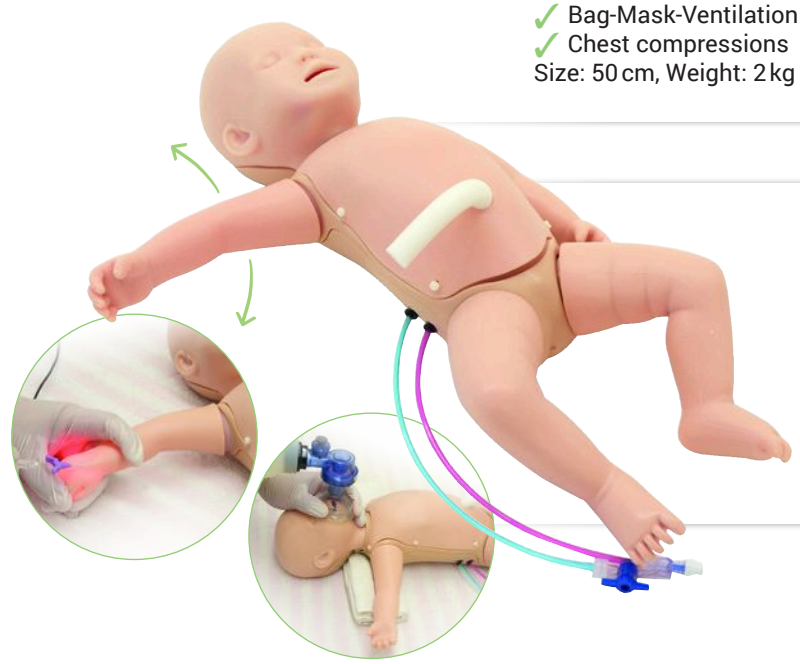
Reanimation

- ✓ Endotracheal intubation, training of Airway Management with realistic anatomy with bronchi, allowing for confirmation of unilateral ventilation.
- ✓ Bag-Mask-Ventilation
- ✓ Chest compressions

Size: 50 cm, Weight: 2 kg

Ref.no. R16120

Details:



Newborn Care- and Emergency Manikin „Plus II“

This manikin provides all features of the Newborn Care- and Emergency Manikin R16120 plus a functional injection training arm.

Ref.no. R16125

Details:







Baby C.H.A.R.L.I.E. Neonatal Resuscitation Simulator with ECG

Baby CHARLIE was designed to satisfy all training needs of the Neonate Resuscitation Program, 7th Edition by the American Academy of Pediatrics. C: Compressions, Cardiac H: Heat compatible A: Airway, Arterial access via the umbilicus R: Resuscitation L: Laryngeal mask capable for oxygen use or PPV I: Intravenous, Intraosseous, Intubation E: ECG (EKG)

Features

- ✓ Airway, breathing, intubation, and ventilation
- ✓ Birth anomalies
- ✓ Chest tube placement
- ✓ CPR
- ✓ ECG simulation
- ✓ Gastrointestinal (GI) tube
- ✓ Interchangeable genitalia
- ✓ Intraosseous infusion
- ✓ IV hand and foot
- ✓ Observation and measurement
- ✓ Palpable manual pulse points in 7 locations
- ✓ Patent umbilicus with venous and arterial access
- ✓ PICC site in arm
- ✓ Urinary catheterization

Interactive ECG Simulator

- ✓ Defibrillation shock can be delivered through manikin or simulator
- ✓ Connect defibrillator/external pacer to simulator using adapters
- ✓ Built-in circuitry allows you to defibrillate and pace directly into the ECG simulator and observe ECG rhythms through the PADS connector
- ✓ Convert feature
- ✓ Select another rhythm to run immediately after defib discharge
- ✓ Pacing can be done on any manufacturer's defibrillator
- ✓ 6 waveforms
- ✓ 17 adult/pediatric rhythms

Ref.no. BA97
Details:

Baby C.H.A.R.L.I.E. Neonatal Resuscitation Simulator **without** ECG

You do not need the ECG and defibrillation function? This product offers all functions of Baby C.H.A.R.L.I.E. but without the interactive ECG simulator.

Ref.no. BA97-1
Details:

Newborn Nursing Skills and ALS Simulator

This training model was developed to meet the objectives of the Neonatal Resuscitation Program's course curriculum published by the American Academy of Pediatrics. It offers multiple training opportunities:

- ✓ Airway, Breathing, and Ventilation
- ✓ Birth Anomalies
- ✓ Chest Tube
- ✓ Cleaning and Diaper Changing
- ✓ Gastrointestinal (GI)
- ✓ Monitoring
- ✓ Observation and Measurement
- ✓ Scenarios
- ✓ Skin
- ✓ Suction
- ✓ Umbilicus
- ✓ Venous Access





Size: 48 cm (crown to heel),
Weight: 3,4 kg,
Head circumference: 36,8 cm

Ref.no. BA96
Details:

Nursing Newborn



Our newborn looks just like a 0-8 week old baby. The chubby face and body with beautifully detailed tiny, soft hands and feet make you want to hold and care for this addition to our family of pediatric and adult advanced patient care simulators.

It has the following features:

- ✓ Soft and flexible face skin, molded hair
- ✓ Realistic eyes, simulated ear canal
- ✓ NG exercises to demonstrate tube feeding and gastric suction
- ✓ Soft arms and legs rotate within the torso body for lifelike feel and position
- ✓ Soft hands, feet, fingers, and toes
- ✓ Heel stick and finger prick technique
- ✓ Soft upper body skin over torso for “babylike” feel
- ✓ Bathing and bandaging activity
- ✓ Intramuscular injection in upper thigh
- ✓ Male and female catheterization
- ✓ Interchangeable male organ
- ✓ Urethral passage and bladder
- ✓ removable internal tanks
- ✓ Enema administration
- ✓ T-shirt and diapers
- ✓ Soft carrying bag

Ref.no. R17700
Details:

Available options (not upgradable later):

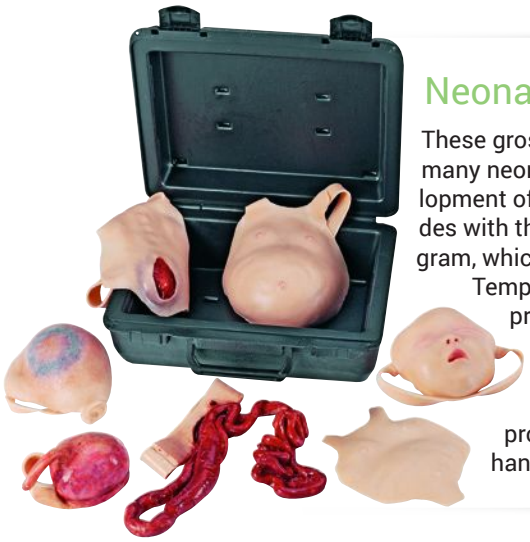
Intravenous Training arm
Ref.no. R17700-1
Details:

Intraosseous leg
Ref.no. R17700-2
Details:

Stoma sites with reservoirs
Ref.no. R17700-3
Details:

Umbillical catheterisation
Ref.no. R17700-4
Details:

Temporal venous access site
Ref.no. R17700-5
Details:



Neonatal Wound Kit



These gross abnormalities fits many neonate manikins. Development of each wound coincides with the S.T.A.B.L.E. program, which consists of Sugar, Temperature, Airway, Blood pressure, Lab work, and Emotional support. Each wound’s lifelike detail encourages the proper treatment and handling of the infant.

Included in the kit are the following abnormalities:

- ✓ Abdominal Distention, Gross
- ✓ Abdominal Distention, Moderate
- ✓ Gastroschisis
- ✓ Myelomeningocele
- ✓ Omphalocele
- ✓ Slack Face
- ✓ Subgaleal Hemorrhage

Comes in a hard carry case.

Ref.no. R11019
Details:

Special needs Infant

This newborn-size infant allows to teach vital medical procedures for special needs infants. The Special Needs Infant was developed for a wide range of educational training, including beginning nursing students. Carrying bag included.

Procedures that can be practiced include:

- ✓ Tracheostomy care (placement and suctioning) - size 3 mm
- ✓ Gastrostomy care (lavage and gavage) - size 14 FR
- ✓ Nasogastric care (placement, lavage, gavage, and suctioning) - size 8 FR or smaller
- ✓ Urethra catheterization (insertion, placement, and care) - size 8 FR
- ✓ Colostomy stoma (basic care purposes only)

Other general cares that may be practiced include bathing, diapering, and various dressing changes.

Male version
Ref.no. BA85
Details:

Female version
Ref.no. BA86
Details:





Neonate doll for nappy practice

This model of a neonate is a true to life replica, but nevertheless highly economically priced. It is therefore eminently suited to group training (bathing and nappy practice). Mobile joints allow all the main exercises in infant care. Size: 50 cm, Weight: 1.2 kg.

Male version
Ref.no. BA72
Details:

Female version
Ref.no. BA73
Details:

Female version, Dark Skin colour
Ref.no. BA82
Details:

Female version, Dark Skin colour
Ref.no. BA83
Details:

Parent Education Baby

This Newborn baby doll can be used for nappy practice and baby care courses for parents. The movable doll can be used for holding and carrying practice, practice of navel care, skin care and nappy practice. The model weighs appr. 1.2 kg, but feels a little heavier because of missing body tension in comparison with a real baby. It has a slightly open mouth and can be used for breastfeeding practice. A stump of the umbilical cord is present to allow navel care practice. Skin folds allow training of proper body hygiene. Head, arms and legs are movable. White Skin, Size: approx. 50 cm.



Light Skin

Male version 1,2 kg
Ref.no. BA77
Details:

Male version 2,4 kg
Ref.no. BA77-1 (not pictured)
Details:

Female version 1,2 kg
Ref.no. BA78
Details:

Female version 2,4 kg
Ref.no. BA78-1 (not pictured)
Details:

Dark Skin

Male version 1,2 kg
Ref.no. BA87
Details:

Male version 2,4 kg
Ref.no. BA87-1 (not pictured)
Details:

Female version 1,2 kg
Ref.no. BA88 (not pictured)
Details:

Female version 2,4 kg
Ref.no. BA88-1 (not pictured)
Details:



BEST SELLER

Neonate doll for Physiotherapy

For the special needs of physiotherapists this doll is manufactured with a cloth body to allow all kind of movements. This model is perfect to instruct parents how to do Vojta or Bobath exercises. Color of clothes may vary. Size: 48 cm, Weight: 0.7 kg.

Ref.no. BA75
Details:

Baby care doll, male



A highly realistic replica of a neonate. The skin feels very natural via the use of a special synthetic material. Weighting corresponds to the normal conditions. The anterior and posterior fontanels in addition to the acuate and sagittal sutures are carefully reproduced and palpable. The head tips backwards when not held correctly. The vertebral column and the mobile testicles are palpable. The nasal cavity, oral cavity and stomach can be aspirated. Measurement of body temperature can be practised in the 5 cm deep anal canal. Owing to the completely stitch-free manufacture, the model is absolutely watertight and can be safely used for bathing practice. The residual umbilical cord allows demonstration and practice of umbilical care and can be simply removed. Use for demonstration of physiotherapeutic exercises (Vojta, Bobath) is very readily possible owing to the flexible arms and legs. General examinations, such as measurements for example, can of course be performed. Putting on nappies and dressing can also be practised. Supplied in a storage bag. Size: 48 cm, head circumference: 33 cm, weight: 3 kg.

Ref.no. LM26M
Details:

Baby-care doll, female

This doll offers the same characteristics as LM26M and is suitable additionally for practising breastfeeding and urine sampling. The mouth is open and the oral cavity and urethra are connected with one another. Supplied in a storage bag. Size: 48 cm, Head circumference: 33 cm, Weight: 3 kg.



Ref.no. LM26G
Details:





BEST SELLER





Bathing Babies, male or female



The dolls are made of soft, flexible plastic material and give a lifelike impression in touch and handling. Due to the seamless design of the dolls they are ideal for bathing practice. The soft material allows a natural range of motion, the head falls backwards if not supported. The fontanels are palpable; a removable umbilical cord is present for umbilical cord care practice. Additional to bathing and clothing training these dolls are suitable for feeding, hygiene and temperature measurement practice. The dolls are lifelike in weight and size and represent a 0 to 4 weeks old newborn. Size: 50 cm, Head circumference: 33 cm, Weight: 3 kg.

Male Model
Ref.no. R16210-1
Details:

Female Model
Ref.no. R16210-2
Details:











Complete Set including:

Nursing Baby, SimPad capable, SimPad Plus, LLEAP Software, Monitoring Software, Product training on site including technical setup

Nursing Baby Nursing manikin

Nursing Baby is an infant manikin designed for scenario based training of the care and management of a variety of infant in-hospital patients. Training includes sounds auscultation, IV and IO skills, fontanel assessment, urinary catheterization and general pediatric patient care. This infant is unrivaled for clinical training in core pediatric in-hospital clinical skills.

Product benefits:

- ✓ Educationally effective for training of in-hospital infant skills
- ✓ Effective education in the special care of infant patients
- ✓ Economical and educationally efficient skills and scenario based trainer for care and management of a variety of common and uncommon in-hospital infant patients in multiple clinical settings and hospital transport
- ✓ Durable, rugged and lifelike; made to withstand years of use

Product features:

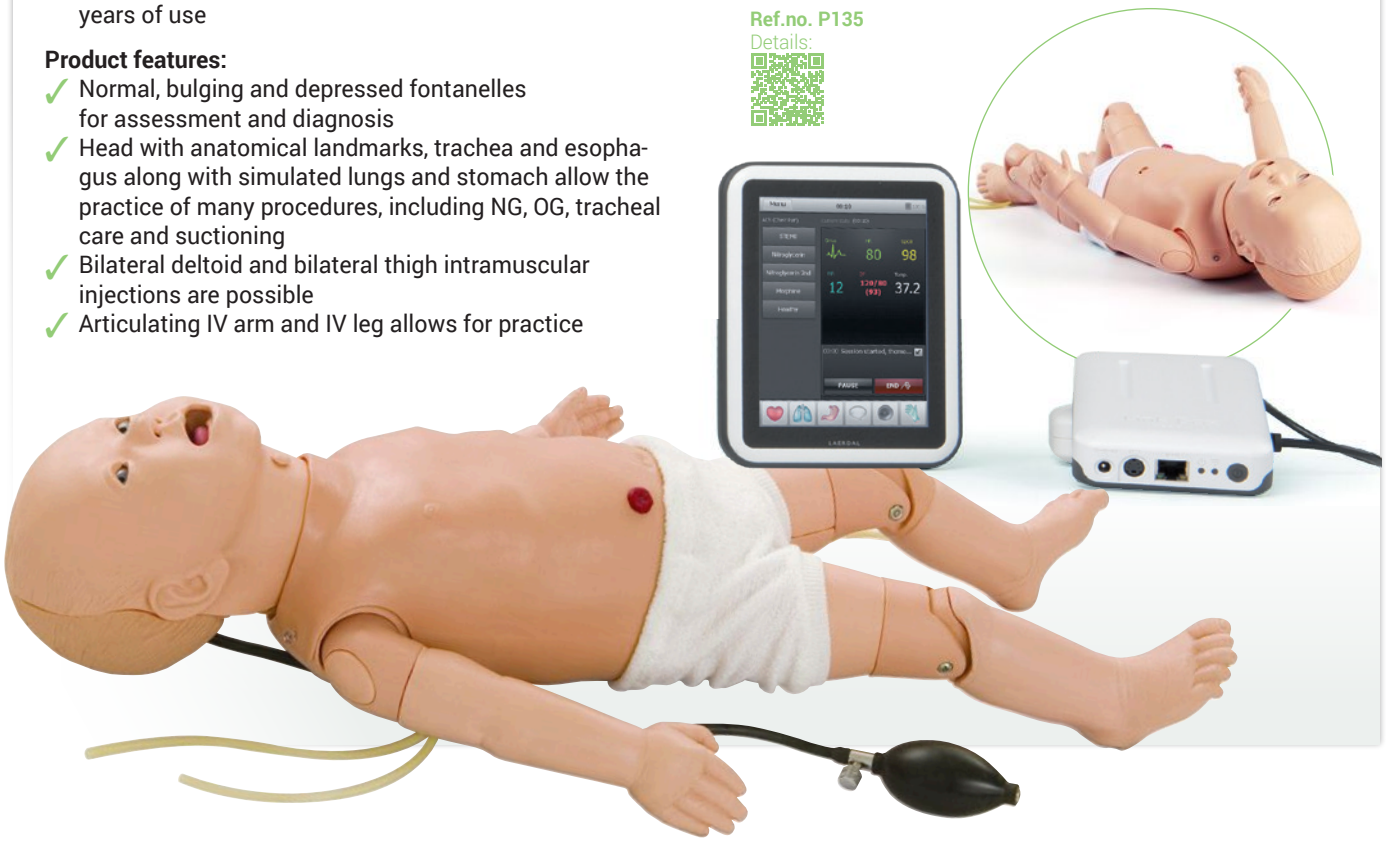
- ✓ Normal, bulging and depressed fontanelles for assessment and diagnosis
- ✓ Head with anatomical landmarks, trachea and esophagus along with simulated lungs and stomach allow the practice of many procedures, including NG, OG, tracheal care and suctioning
- ✓ Bilateral deltoid and bilateral thigh intramuscular injections are possible
- ✓ Articulating IV arm and IV leg allows for practice of IV cannulation, medication administration, site care and maintenance
- ✓ Medication and fluid administration through intraosseous infusion allowed via tibia access with landmarks at the tibial tuberosity and medial malleolus
- ✓ Gastrostomy tube opening for care and feeding
- ✓ Interchangeable genitalia allows for urinary catheterization with fluid return, rectal temperature simulation, and administration of suppositories

SimPad™ Controller:

- ✓ Pre-programmed scenarios provide standardized training while customizable scenarios and real time instructor control allows adaptation to meet individual students needs
- ✓ Presents normal and abnormal heart, breath, and bowel sounds for auscultation.

Ref.no. P135

Details:





Infant-nursing doll

Female infant (6–8 months) for care assistant training. This model is manufactured from a special synthetic material, allowing an extraordinary practice experience. The flexible, soft skin is seamlessly sealed and no liquid can therefore penetrate. The model offers the following practice opportunities: correct holding and carrying, physiotherapeutic exercises, feeding, breast-feeding, bathing, hair washing, measuring, weighing, preventative examinations, temperature measurement, blood pressure measurement, insertion of a gastric tube, aspiration of the oral and nasal cavities, attachment for blood sampling or spinal anesthesia.

Ref.no. LM52
Details:

One Year Pediatric Care Simulator

This nursing manikin has the following features:

- ✓ Soft, childlike face skin, self-molded hair
- ✓ Eyes open and close in realistic eye sockets for ophthalmic procedures
- ✓ Fully articulating head and jaw with teeth and tongue
- ✓ NG and otic exercises
- ✓ Bends at waist as in human, jointed elbows and knees
- ✓ Realistic hands, feet, fingers, and toes
- ✓ Soft upper body skin over hard upper body for realistic feel
- ✓ Detachable at waist for easy storage
- ✓ Bathing and bandaging activity
- ✓ Intramuscular injection sites in left and right upper thighs
- ✓ Interchangeable male organ
- ✓ Tracheotomy opening
- ✓ Male and female catheterization
- ✓ Removable internal tanks, Enema administration
- ✓ Neck brace, T-shirt and shorts, soft carrying bag.



Ref.no. R17710
Details:

Available options (not upgradeable):

Injection training arm
Ref.no. R17710-1
Details:

Site specific heart and lung sounds
Ref.no. R17710-2
Details:

Intraosseous infusion system
Ref.no. R17710-3
Details:

External stoma sites
Ref.no. R17710-4
Details:

Five Year Pediatric Care Simulator



Ref.no. R17720
Details:

The five year old is a sophisticated pediatric simulator for training in standard and advanced clinical procedures. This simulator is now available with optional site specific heart and lung sounds.

Product features:

- ✓ Soft, lifelike faceskin, self-molded hair
- ✓ Eyes open and close in realistic eyesockets for ophthalmic procedures
- ✓ Fully articulating head and jaw with teeth and tongue
- ✓ NG and otic exercises
- ✓ Bends at waist as in human, jointed elbows, wrists, knees and ankles
- ✓ Realistic hands, feet, fingers and toes
- ✓ Soft upper body skin over hard upper body for realistic feel
- ✓ Intramuscular injection sites in deltoid and upper thigh
- ✓ Removable internal tanks, enema administration
- ✓ Detachable at waist for easy storage, bathing and bandaging activity
- ✓ Interchangeable male organ, male and female catheterization
- ✓ Tracheotomy opening
- ✓ T-shirt and shorts, neck brace, soft carrying bag, instruction manual

Available options (not upgradeable):

Training arm and hand for intravenous, intramuscular, and subcutaneous access
Ref.no. R17720-1
Details:

Site Specific Heart and Lung Sounds kit with Stethoscope
Ref.no. R17720-2
Details:

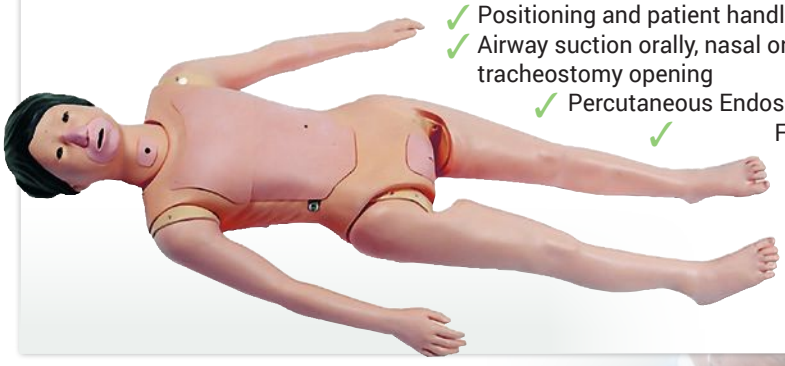
Intraosseous infusion system
Ref.no. R17720-3
Details:

External stoma sites with internal tanks
Ref.no. R17720-4
Details:

Pediatric Patient care doll

This model of a 6 year old child is perfect for nurse education or home care practice.





It features:

- ✓ Positioning and patient handling
- ✓ Airway suction orally, nasal or through tracheostomy opening
- ✓ Percutaneous Endoscopic Gastroscopy, PEG care
- ✓ Feeding tube management
- ✓ Injection intramuscular and intravenous
- ✓ Male and female catheterisation

The model is movable and able to sit without support. A section model for airway explanation is included. Size: 125 cm.

Ref.no. R16601
Details:



Nursing Kid training manikin

Nursing Kid is a training manikin realistically representing a six-year old child. It is designed for skill and scenario based training of the care and management of a variety of pediatric in-hospital patients. Training includes sound auscultation (optional), IV cannulation, urinary catherization, and general pediatric patient care. This child is ideal for clinical training in core pediatric in-hospital clinical skills.

Product benefits:

- ✓ Delivers education efficiently, targeting key skills specific to pediatric care providers
- ✓ Durable, rugged and lifelike; made to withstand years of use
- ✓ Highly mobile for use in multiple clinical settings and hospital transport
- ✓ Efficient training care and management of a variety of both common and uncommon inhospital pediatric patients including wound assessment and care, first aid, and child abuse training

Product features:

- ✓ Head with anatomical landmarks, trachea, and esophagus along with simulated lungs and stomach allow the practice of many procedures, including NG, OG, tracheal care and suctioning, and insertion, securing and care of endotracheal tubes
- ✓ Bilateral deltoid, bilateral thigh, gluteal intramuscular injections possible
- ✓ Articulating IV arm allows for practice of IV cannulation, medication administration and site care and maintenance
- ✓ Exchangeable male and female organs for Catheterization training
- ✓ Enema administration

SimPad™ Controller:

- ✓ Pre-programmed scenarios provide standardized training while customizable scenarios and real time instructor control allows adaptation to meet individual students needs
- ✓ Presents normal and abnormal heart, breath, and bowel sounds for auscultation

Ref.no. P155
Details:



Complete Set including:

Nursing Kid, SimPad capable, SimPad Plus, LLEAP Software, Monitoring Software, Product training on site including technical setup

Infant Hip Sonography Training Phantom



This is the world's first training phantom with ultrasound anatomy of a 6-week-old infant and it expands training opportunities for pediatricians, radiologists and orthopedists. Before working on real infants, trainees can repetitively practice on this phantom to become familiar with the examination procedures and key points. Using real ultrasound devices, trainees can learn key ultrasound landmarks to identify standard plane for Graf's classification. This is a foundation to acquire skills in handling and positioning of the baby as well as correct positioning of the transducer. The life-size full body manikin has movable arms that allows for realistic training in supporting and changing the position of the infant while interacting with his/her guardian.

Training Skills:

- ✓ Setting and preparation for hip sonography
- ✓ Changing the position of the infant
- ✓ Communication and interaction with the infant's guardian
- ✓ Correct positioning and use of the transducer
- ✓ Recognition of ultrasonic landmarks for hip sonography
- ✓ Visualization of standard, anterior and posterior planes
- ✓ Interpretation and morphological classification of the sonogram

Ref.no. R16609
Details:

Features / Anatomie:

- ✓ World exclusive training model for hip sonography on a full body manikin of 6-week-old infant
- ✓ Bilateral hips for examination Key landmarks that can be recognized under ultrasound include: chondro-osseous junction (bony part of femoral neck), femoral head, synovial fold, joint capsule, labrum, hyaline cartilage preformed acetabular roof, bony part of acetabular roof, bony rim (check list I), lower limb of os ilium, correct plane, labrum (check list II).
- ✓ Facilitate anatomical understanding
- ✓ The full body manikin with movable arms allows training in supporting and changing the position of the infant.



Baby Hippy

Reproduction of the lower torso and limbs of a female newborn designed to train professionals in diagnosing both congenital hip dislocation and hip dislocatability.

- ✓ Dislocated left hip for practice of the Ortolani Jerk-Sign
- ✓ Lax right hip for performing the Barlow Maneuver

Ref.no. R10104
Details:

Nursing Manikin, Standard Version

This doll offers training in a variety of clinical procedures. The external appearance of the model is female. Attachment of the male genitals, however, converts the manikin into a male model.

The manikin has the following features:

- ✓ Douching and pap smear exercises
- ✓ Enema administration
- ✓ Head supplied with wig for combing, shampooing, and head draping exercises
- ✓ Injection site on buttock for intramuscular injection
- ✓ Injection sites on left and right arm for intramuscular and subcutaneous injections
- ✓ Instruction in complete intestinal lavage with stomas connected to internal reservoir system
- ✓ Instruction in gastrostomy, ileostomy, and transverse colostomy management
- ✓ Interchangeable male and female organs for urinary catheterization
- ✓ Otic, nasal, tracheotomy, and gastrostomy openings and connections for ear syringing, gastric suction, and tracheotomy exercises
- ✓ Removable dentures
- ✓ Separated fingers and toes for bandaging exercises
- ✓ Separately inserted eyes for administration of orbital medications,removal of foreign bodies, and eye irrigation
- ✓ Suprapubic stoma management and drainage

BEST SELLER



The joints are strong and movements lifelike, even to the extent of permitting pronation and supination of the forearm.



Ref.no. R17600
Details:

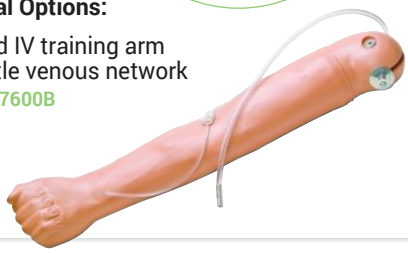
Nursing manikin, Basic Version

This version comes without internal tanks and without male genital. Made for training of basic nursing like positioning, washing exercises and dressing.

Ref.no. R17610
Details:

Additional Options:

Advanced IV training arm with subtle venous network
Ref.no. R17600B
Details:



Amputation stump for bandaging
Ref.no. R17600D
Details:



Transport bag for manikin
Ref.no. P98
Details:



"Senior" head cover for elderly care

This head cover can simply be pulled over the head of the Standard, Basic, Clinical Chloe or the advanced Clinical Chloe nursing doll and transforms the normal nursing doll into a doll with a geriatric appearance. The soft skin looks lifelike and feels realistic. The mouth, nose, ears and tracheostomy opening are accessible so that the doll's functions are fully preserved. The mask has a zipper on the back of the head so that it can be attached and removed without much effort.

Ref.no. PW100
Details:



NEW PRODUCT

Clinical *Chloe* Patient Care Simulator

Sophisticated simulators for training in clinical nursing procedures. A variety of exercises may be performed, from simple bandaging and general patient care to breast palpation, catheterization, ostomy management, injection training, and cervical examination.

Features include:

- ✓ Articulating head, jaw, elbows, wrists, ankles, and knees
- ✓ Bathing and bandaging activity
- ✓ Bends and detaches at waist for easy storage
- ✓ Breast palpation capability with one abnormal breast
- ✓ Interchangeable male and female breast inserts
- ✓ Detachable and removable internal tanks
- ✓ Enema administration capability
- ✓ Interchangeable male and female organs
- ✓ Intramuscular injection sites in arm, thighs, and buttock
- ✓ Latch provides secure seal between ostomies and internal tanks
- ✓ Nasal and oral tube placement
- ✓ Neck brace
- ✓ NG and OG tube feeding and gastric suction
- ✓ Opening for gastrostomy
- ✓ Realistic eyes for ophthalmic exercises
- ✓ Realistic urethral passage and bladder for catheterization exercises
- ✓ Simulated ear canal for otic drops and irrigation
- ✓ Soft, realistic face skin, hands, feet, fingers, and toes
- ✓ Stylish wig for hair care exercises and surgical draping
- ✓ Tracheotomy placement
- ✓ Transverse colostomy, ileostomy, and suprapubic stomas, to practice irrigation
- ✓ Upper and lower dentures for oral hygiene
- ✓ Vaginal douching and pap smear exercises with realistic vagina and cervix

Ref.no. R17625
Details:

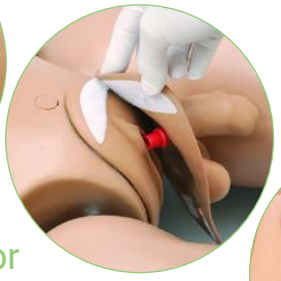
BEST SELLER











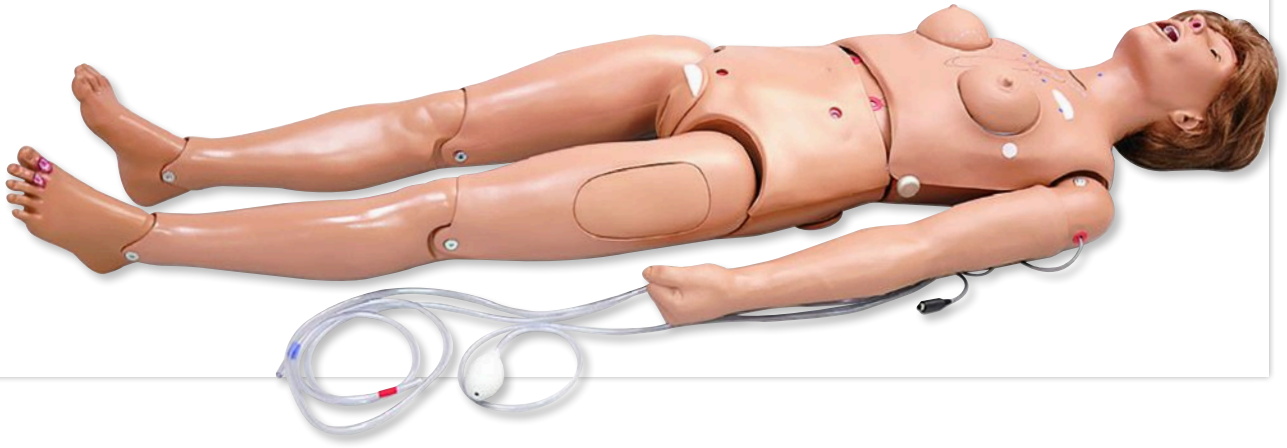


Advanced Clinical *Chloe* Patient Care Simulator

Take nursing training to a whole new level! Simulator allows you to monitor and log compressions and ventilations with Omni Code Blue pack that can be connected to any computer for CPR logging and feedback (monitor and computer not included). The manikin has the following features:

- ✓ General Patient Care
- ✓ Breast Palpation
- ✓ CPR with monitoring
- ✓ Airway
- ✓ Injection Training
- ✓ GYN Training

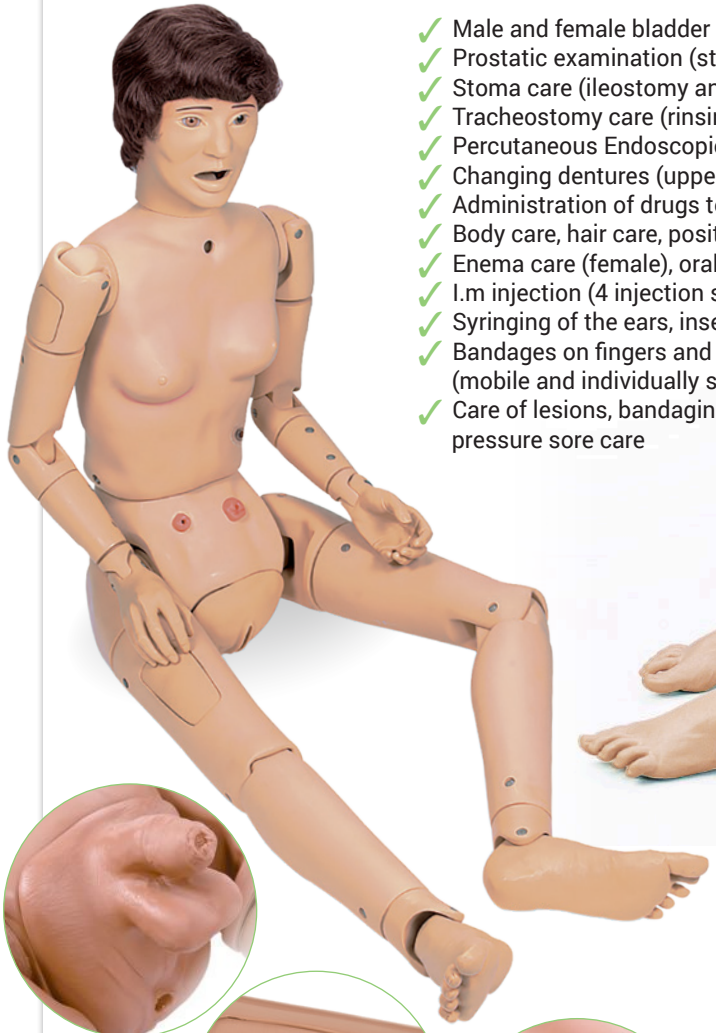
Ref.no. R17650
Details:



Keri nursing care doll & *Geri* geriatric care doll

This highly realistic care dolls find their uses specifically in nursing and geriatric care. This dolls are characterised particularly by the very high mobility and the extremely true to life imitation of the face, hands and feet. **These models offer the following equipment and practising possibilities:**

- ✓ Male and female bladder catheterisation
- ✓ Prostatic examination (stage B)
- ✓ Stoma care (ileostomy and colostomy)
- ✓ Tracheostomy care (rinsing and aspiration)
- ✓ Percutaneous Endoscopic Gastroscopy PEG care
- ✓ Changing dentures (upper and lower mandible)
- ✓ Administration of drugs to the eye
- ✓ Body care, hair care, positioning methods
- ✓ Enema care (female), oral and nasal douches
- ✓ I.m injection (4 injection sites), oral hygiene
- ✓ Syringing of the ears, insertion of hearing aids
- ✓ Bandages on fingers and toes (mobile and individually shaped)
- ✓ Care of lesions, bandaging practice, pressure sore care





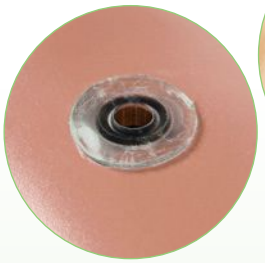
BEST SELLER

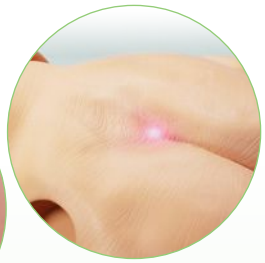
Geri geriatric care doll
Geriatric manikin
Ref.no. LF4001
Details:

Keri nursing care doll
Adult manikin
Ref.no. LF4020
Details:



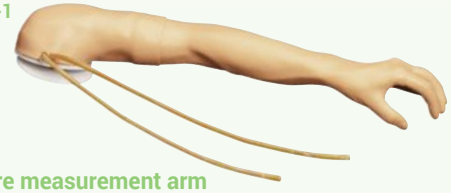






Available Accessories for GERi & KERi

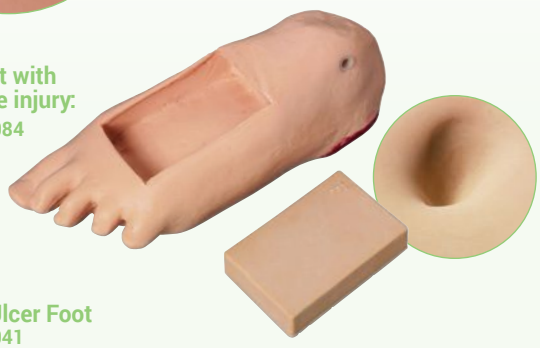
Arm for intravenous injection
Ref.no. LF4001-1
Details:



Blood pressure measurement arm
Ref.no. LF4001-2
Details:



Edema foot with deep tissue injury:
Ref.no. LF4084
Details:



Pressure Ulcer Foot
Ref.no. LF4041
Details:





Nursing Doll *Keiko*

This nursing doll offers all training opportunities for patient care and has soft limbs with invisible joints at knee, ankle, elbow and wrist. The model has a high quality finish and is sturdy.
The complete training opportunities include:

- ✓ General patient positioning, re-positioning, assistance for getting up and for wheelchair access.
- ✓ Decubitus care (heel, great trochanter, sacrum and shoulder)
- ✓ Dressing and undressing, hair care (wig), postmortem care
- ✓ Passive physiotherapy, body hygiene, washing, nappy change, skin care
- ✓ Oral and dental hygiene
- ✓ Gastric probe insertion, PEG, attachment of stoma bag
- ✓ Nasotracheal intubation (Tube insertion)
- ✓ Airway suctioning, tracheostomy care / tube change, oxygen inhalation
- ✓ CVC care / explanation
- ✓ Catheterization male / female (without liquid)
- ✓ Enema insertion (without liquid), suppository insertion

Ref.no. R16500
Details:

The model is first class processed and extremely robust. It is perfect for daily use in schools.

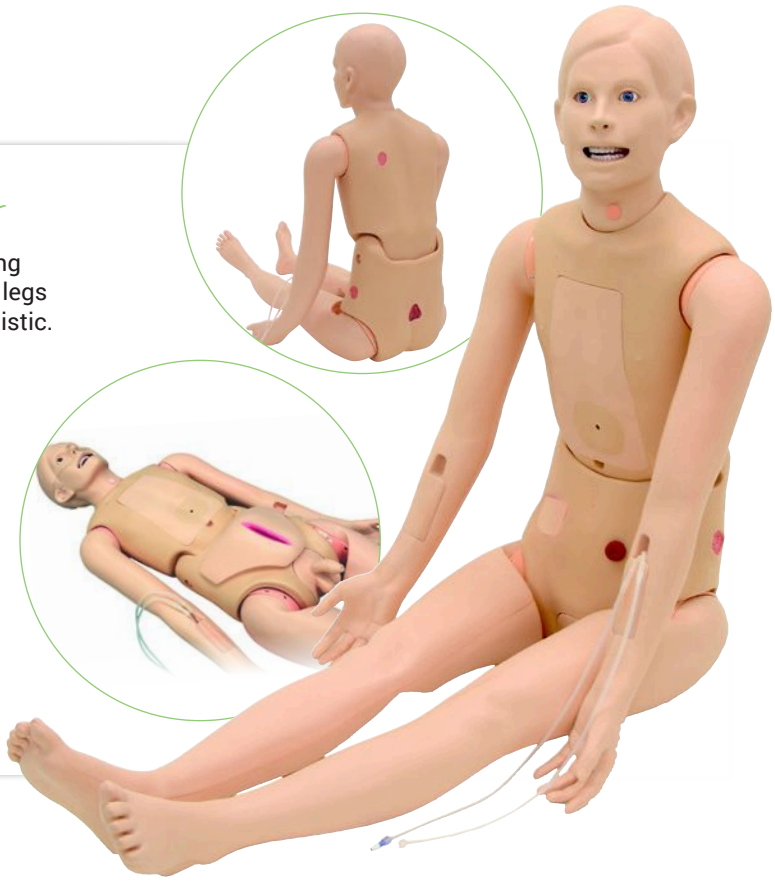


Patient care manikin *Cherry*

This Nursing manikin offers all essential training opportunities for nursing education. Arms and legs are soft and seamless and due to this very realistic. The manikin has the following features:

- ✓ Patient handling, basic nursing techniques
- ✓ IV, IM and subcutaneous injection
- ✓ Stoma care, tracheostomy care
- ✓ Care of decubitus ulcers, different stages
- ✓ Nasogastric and orogastric tube, PEG
- ✓ Care for CVC and PICC routes
- ✓ Urinary catheterization male and female
- ✓ Wound care of a surgical wound

Ref.no. R16225
Details:





Patient Care Simulator *Yaye*

With its various patient settings and range of training features, „Yaye“ brings uninterrupted training flow in community care and in-hospital procedures. Featuring more than 40 training skills, “Yaye” serves an array of trainees from students to experienced nurses.



Features:

- ✓ Tube Feeding (oral/nasal), Stomach pumping
- ✓ Urinary catheterization female
- ✓ Stoma care, Tracheotomy care
- ✓ Enema, bowel irrigation, bedpan practice, suppository administration
- ✓ TPN care
- ✓ Body Positioning, passive exercise, wheelchair transfer, bed bathing
- ✓ Oral care, Hair care (shampooing, brushing, blow-drying)
- ✓ Change of clothes, postmortem care
- ✓ Intimate hygiene, vaginal douche
- ✓ Airway suction, intubation assistance, airway management, oxygen inhalation
- ✓ Postural drainage
- ✓ Pressure sore care (decubitus ulcer stage 4 on back, unstageable on heel)
- ✓ Bandaging
- ✓ Subcutaneous injection, im injection, iv injection and infusion (left median vein, left hand dorsal vein)
- ✓ Chest compression
- ✓ Assessment of chest and abdomen (Observation, palpation, percussion)

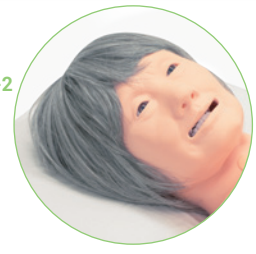
Ref.no. R16228
Details:

Available accessories:

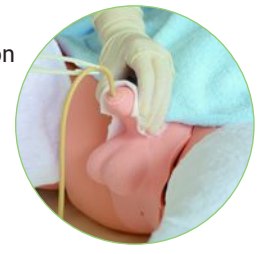
Face Skin, old person
Ref.no. R16228-1
Details:



Grey wig
Ref.no. R16228-2
Details:



Male genital for bladder catheterization
Ref.no. R16228-3
Details:



Nursing manikin *Anne*



Nursing Anne is a manikin designed for scenario-based training for the care and management of a wide variety of in-hospital patients. Nursing Anne is an efficient, effective, flexible manikin for clinical training in women's health, obstetrics, post-partum, wound assessment and care, and general patient assessment and care.

Product benefits:

- ✓ Educationally effective for in-hospital training targeting key skills for in-hospital care including women's health, obstetrics, post-partum care, wound assessment and care, and general patient care
- ✓ Economical and educationally efficient skills and scenario based trainer
- ✓ Durable, rugged and lifelike; made to withstand years of use
- ✓ Flexible manikin platform allows multiple accessory modules to be added for use in multiple clinical settings

Product features:

- ✓ Head with anatomical landmarks, can be used for ear or eye irrigation, application of medication in eye, ear, nose, as well as mouth and tooth care.
- ✓ Manually operated carotid pulse
- ✓ Trachea and esophagus with simulated lungs and stomach allow the practice of many procedures, including NG, OG, tracheal care and suctioning
- ✓ Different procedures for oxygen administration
- ✓ Stomach lavage
- ✓ Articulating IV arm allows for practice of IV cannulation, medication administration, and site care and maintenance
- ✓ Practice medication dose calculations and administration through intramuscular injections at the deltoid, gluteal, ventrogluteal, and thigh sites
- ✓ Exchangeable belly covers with colostomy and ileostomy, access for suprapubic catheters
- ✓ Exchangeable male and female genitals for catheterization
- ✓ Enema practice

With SimPad Controller:

- ✓ Pre-programmed scenarios provide standardized training while customizable scenarios and real time instructor control allows adaptation to meet individual students needs
- ✓ Normal and abnormal heart, breath, and bowel sounds and fetal heart tones for auscultation
- ✓ 1400+ rhythm variants for ECG interpretation using standard clinical monitors
- ✓ Instructor-controlled blood pressure arm allows for realistic palpation and auscultation. Systolic and diastolic pressures, ausculatory gap, and volume are variable

BEST SELLER

Ref.no. P160
Details:

Complete Bundle including:
Nursing Anne manikin, SimPad Plus System complete, LLEAP License as well as training session on site and 3 VILT sessions. Includes Monitoring software Windows.



Patient - Monitor - Software



SimPad Plus



Available options:

Breast examination module
Ref.no. P150-1
Details:

Mastectomy module
Ref.no. P150-2
Details:

Fundus module
Ref.no. P150-3
Details:

Wound assessment and care module
Ref.no. P150-4
Details:

Teri Androgynous Geriatric Trainer

A comprehensive male/female elderly patient care trainer for medical simulation. Evolving from the GERi/KERi full body manikins, it has a more realistic look and feel accurately representing the human anatomy. Weight is distributed to represent a real patient for lifting and carrying:

Passive Range of Motion:
Seating, Laying, Finger/Toe manipulation with no effort from Patient.
Cardiovascular Support:
Carotid Pulses, CPR with Quality Performance Metrics & Auscultation.
Intravenous Injection, Subcutaneous Injection Sites:
Multiple locations equipped with standard arm, IM injection pads.
Nasogastric Tube Procedures:
Placement, Lavage, Gavage, Feeding and Suctioning.

Enhanced Aestethics:
soft silicone skin with noticeable normal and cancerous skin moles, Stage 1 sacral ulcer and reddened skin folds.
Respiratory Support:
Manual ventilation with chest rise, Oxygen administration. Tracheostomy care, Airway/Trach suctioning, Airway intubation, ventilation and auscultation.
Grooming & Daily Living Assistance:
bathing, clothing changes, denture placement/removal, Hearing aid placement/removal, Eye irrigation & optic drops, ostomy & urinary catheter care, hair care.
Indwelling male & female urinary catheterization:
includes support for urethral and suprapubic catheters.
Advanced skills:
urinary catheterization, enema, administration, pelvic and prostate examination.



NEW PRODUCT

Available versions:

Geriatric Patient Care Trainer:
General patient care, daily living assistance simulation platform.
Ref.no. LF4300
Details:

Geriatric Patient Skills Trainer:
Physical skills practice simulation platform with injection/IV, catheterization, cardiovascular and respiratory support.
Ref.no. LF4301
Details:

Geriatric Patient Simulator:
Comprehensive and complete simulation platform including patient monitoring capability.
Ref.no. LF4302
Details:

Patient monitoring possible with SIM-VS



SIM VS Simulation Platform

- ✓ Use across multiple settings with both live patients or manikins
- ✓ Instructor's tablet controls the physiological displays of 3 types of monitor interfaces: defibrillator, hospital monitor, and mechanical ventilator
- ✓ 2-way wireless communication allows instructors to monitor student decisions during simulation
- ✓ Built-in checklists allow performance capture for structured debriefing
- ✓ Instructors can control up to 10 tablets at the same time
- ✓ High-resolution display

Easy to Use

- ✓ Devices automatically connect
- ✓ Easily navigate through programmed or on-the-fly scenarios
- ✓ Wide control over physiology transitions

Scenario Flexibility

- ✓ Comprehensive scenario library for nursing, EMS, and respiratory therapy
- ✓ Easy-to-use scenario editor allows rapid creation of new scenarios or editing of existing ones
- ✓ Community Server function allows scenario sharing across organizations



Realistic Physiology and Controls

- ✓ Over 200 cardiac and respiratory waveforms
- ✓ Display 12 leads and X-rays
- ✓ Adjustable alarms
- ✓ Instructors see students' choice
- ✓ Multi-device control
- ✓ Portability and multiple monitor types allows in-situ and IPE scenarios

	Hospital Systems					SimVS	
Product Displays	**Deluxe**	**Complete**	**Fetal Heart Monitor**	**Monitor and Defibrilator**	**Monitor**	**Pre-Hospital**	**Transport**
Defibrilator	✓	✓	✓	✓		✓	✓
ICU Monitor	✓	✓	✓	✓	✓		✓
Ventilator	✓	✓				✓	
FH Monitor	✓		✓				
Scenarios	70	60	50	40	20	50	60
Instructor Tablet	1	1	1	1	1	1	1
Student Tablets	2	2	2	2	2	2	2
Telemetry	✓	✓	✓	✓			
Sim VS Bag	✓	✓	✓	✓	✓	✓	✓
Alert Tablets	1	1					
Ref.no.	R12300	R12310	R12320	R12330	R12340	R12350	R12360
REPLACES	• Ventilator • Fetal Monitor • Defibrilator	• Ventilator • Defibrilator	• Fetal Monitor • Defibrilator	• Defibrilator	• Hospital Monitor	• Defibrilator	• Defibrilator • Transport Vent

Female Condom Model

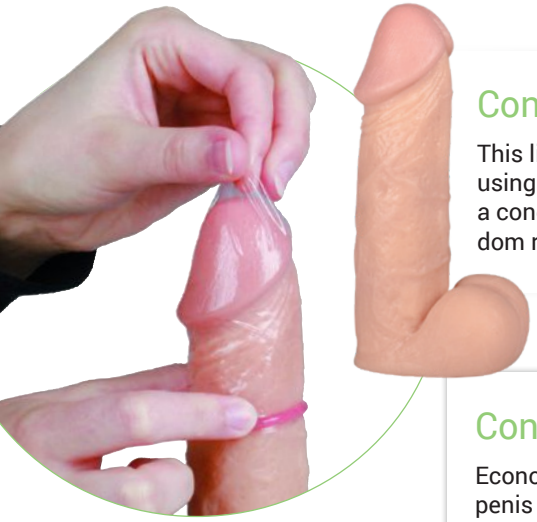
This model may be placed in the clients lap to simulate the position in which the female condom should be inserted. Demonstration of use of female condom, contraceptive sponge, and cervical cap.

The model features:

- ✓ Life-size anteverted uterus in simulated pelvic cavity
- ✓ Cervix attaches to uterus with patented „screw“ design
- ✓ Soft vulva and vagina
- ✓ Soft plastic stomach cover
- ✓ With Instruction manual and soft nylon carrying bag

Ref.no. R10128
Details:





Condom Training model

This life size model of an erected penis can be fixed on the table using a sucker foot and is perfect for training the correct use of a condom. Can be used with normal condoms, no special condom required. Condoms not included. Penis length: 13.5 cm.

Ref.no. L45
Details:

Condom Training model

Economic priced Classroom set with 20 Styrofoam penis models for group education in schools. The models can be fixed at the desk with self-adhesive strips to leave both hands free for training. Diameter: 3.5 cm, Penis length: 12.5 cm, Weight: 0.1 kg.

Ref.no. L75
Details:





I.U.D Trainer

An anatomically accurate hand-held trainer which is a suitable aid for understanding correct positioning of I.U.D. (Intrauterine Device) in the uterus. Made of durable plastic, the trainer features a transparent cover which allows easy visualization of insertion and placement of I.U.D. (I.U.D. not included).

Ref.no. R10127
Details:

Training Model for Contraceptice Implants

This training model was developed for a manufacturer of a contraceptive implant to train doctors in implanting and explanting the contraceptive implants. It represents the upper arm of a woman showing muscle and skin layer. After implanting it shows the position of the implant underneath the skin.

Ref.no. 7086
Details:



Female genital organs



This replica of the female genital organs in natural size is cut in the median plane and can be folded open for a better understanding. The labia majora and minora, vagina, cervix, neck of the uterus, uterus, fallopian tubes and ovaries are represented, in addition to the bladder, rectum, symphysis, sacrum and coccyx. In addition to the use of contraceptives, such as intrauterine pessaries, diaphragms and vaginal cream/foam, use of the speculum can be practised. Owing to the highly natural characteristics of the material, the model can be used for digital examinations. It is also, of course, eminently suitable as an illustration object for teaching. When opened, the model demonstrates very clearly the location and function of contraceptives. Contraceptive ring not included. Size: 15 x 26 x 26 cm.

Ref.no. LM30
Details:

Vulva – Casts showing antomical differences

All vulva casts are actual casts of real women.
A life-like appearance is the result. The outer female anatomy is represented with its finest details and structures. Detailed and surprisingly authentic these casts show smallest wrinkles, and in some casts even the orifice of urethra and vagina. Carefully colored the differences of inner and outer labia as well as surrounding skin are clearly visible. Because each woman is different, this product represents a unique collection of 19 vulva casts.

Perfect for sex education

Whoever is interested in female anatomy often finds in books schematic drawings that differ a lot from the real anatomy. This often causes confusion, uncertainty and even causes shame in young women and girls who do not have the „standard“ anatomy as shown in books. Each cast shows in detail that each vulva is something unique and individual. Therefore this collection is a great tool for sexual education. Also boys and men learn a lot about different shapes in female anatomy and what is considered „normal“. Girls and women make a comforting experience that for example the size of labia is just a normal whim of nature.

Skin friendly Silicon material

The vulva casts are made of high grade medical silicone, non-toxic, authentically soft and hygienic to clean. Because of this they are perfect for use in classrooms and information centers. Especially by comparing different shapes of anatomy this collection creates better confidence dealing with womens own sexuality.

Size each 11 x 8 cm, **Weight each** 0,11 kg



Ref.no. L222
Details:

Female Contraceptive Model

Great for sex education classes, this model provides an affordable way to demonstrate proper insertion of female condoms, diaphragms, cervical caps, and spermicides for the prevention of pregnancy. Allows realistic practice in inserting each of these contraceptives with a unique cutaway section to help users assess their technique. Includes carrying case and lubricant. Contraceptives not included. Size: 9 x 14 x 14 cm.

Ref.no. L55
Details:

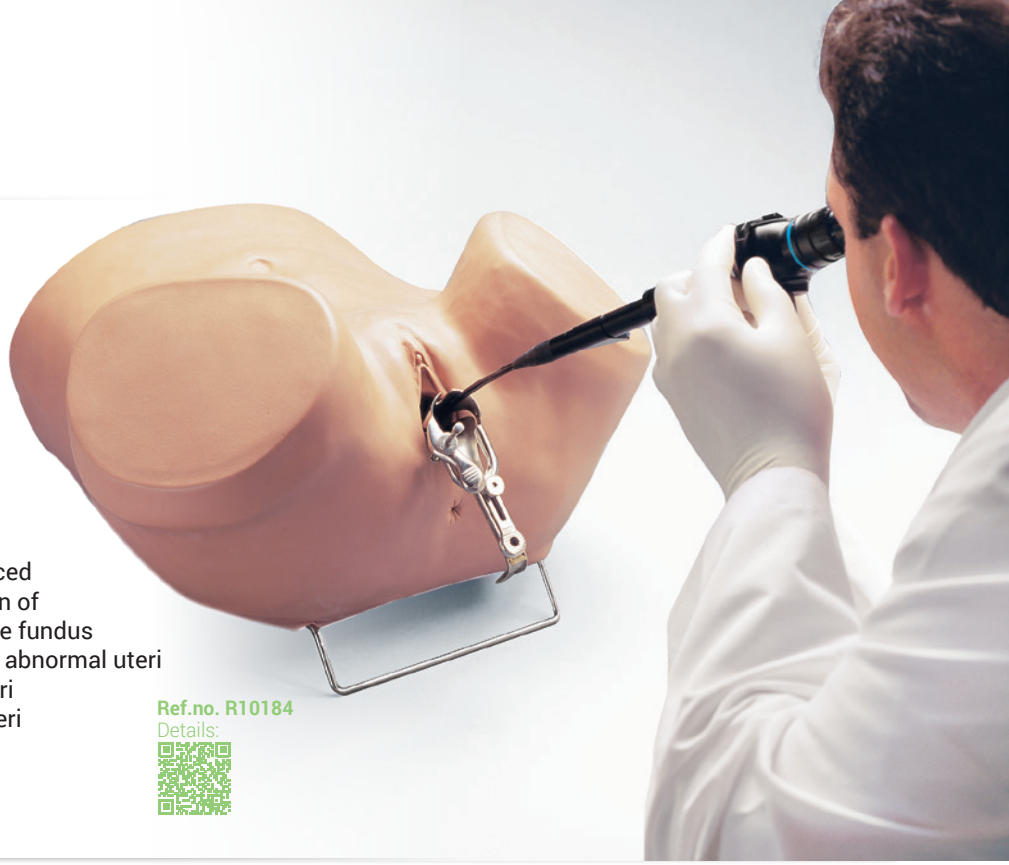


Hysteroscopy Simulator

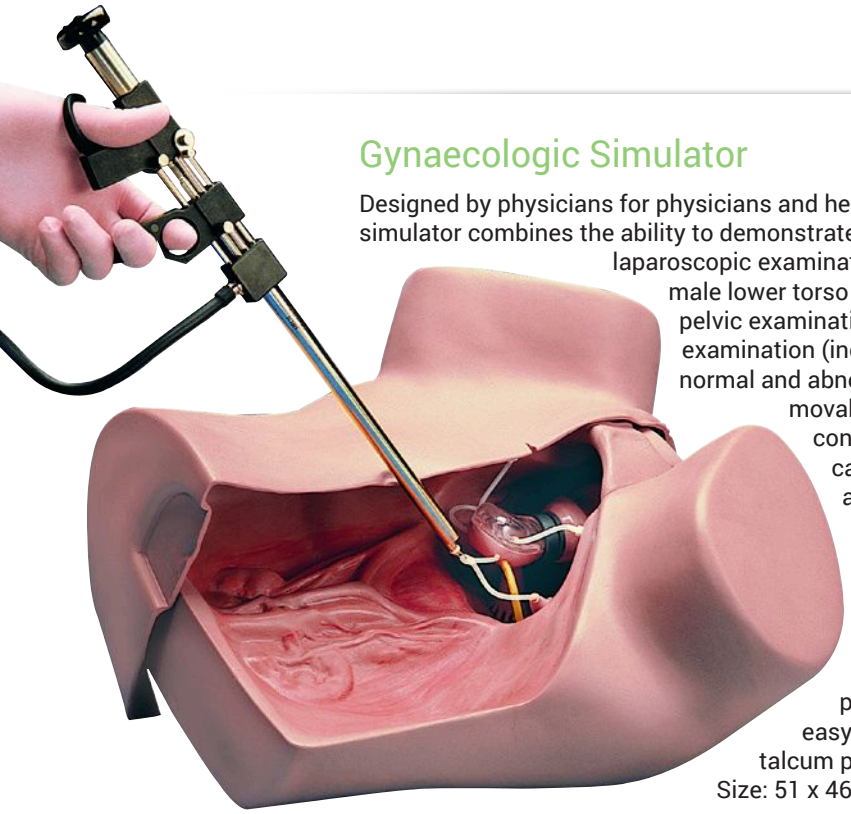
This simulator features:

- ✓ Full size female adult lower torso with removable soft outer skin
- ✓ Seven uteri including normal "control" uterus with healthy internal and external appearance
- ✓ Internal anatomic artwork of normal and abnormal uteri
- ✓ Internal representation of endometrial polyposis, fibroids, early and advanced carcinoma of the endometrium, torsion of sloughing fibroid, and carcinoma of the fundus
- ✓ External representation of normal and abnormal uteri
- ✓ Palpation of normal and abnormal uteri
- ✓ Normal cervix and interchangeable uteri with patented "screw" design
- ✓ Instruction manual (english)

Supplied with carrying bag.



Ref.no. R10184
Details:



Gynaecologic Simulator

Designed by physicians for physicians and health care providers, this gynaecologic examination simulator combines the ability to demonstrate multiple gynaecologic procedures as well as practice laparoscopic examination and minilaparotomy. Features: full-size adult female lower torso with relevant internal anatomic landmarks, bi-manual pelvic examination, palpation of normal and pregnant uteri, vaginal examination (including insertion of speculum), visual recognition of normal and abnormal cervices, uterine sounding, IUD insertion and removal, contraceptive sponge insertion and removal, female condom insertion and removal, diaphragm and cervical cap insertion and removal, laparoscopic visualization and occlusion of fallopian tubes, minilaparotomy, one anteverted and one retroverted parous uterus, one 6-8 week, one 10-12 week and one 20 week pregnant uterus, five normal cervices with patent os, four abnormal cervices, 10 fallopian tubes, realistically sculpted and anatomically accurate ovaries and fimbriae, and uterus and cervix feature patented "screw" design for fast and easy change-out. Simulator comes with talcum powder and carrying bag.
Size: 51 x 46 x 25 cm, Weight: 8.5 kg.

Ref.no. R10183
Details:

Options (all without picture):

Set of seven normal and abnormal uteri with external palpable pathologies.
Ref.no. R10183-1
Details:

Set of seven normal and abnormal uteri with internal pathologies for hysteroscopic viewing.
Ref.no. R10183-2
Details:

48 hour postpartum uterus with duckbill cervix and fallopian tubes for IUD insertion, using long curved forceps.
Ref.no. R10183-3
Details:

Postpartum uterus, 10 minutes after birth, for training of IUD insertion.
Ref.no. R10183-5
Details:

Gynaecological Training Manikin

A lifelike female pelvis for developing diagnostic skills in gynecologic procedures, anatomical instruction, abdominal palpation, and speculum instruction. The model allows the comprehensive, stress free introduction of gynecological examinations, or more advanced tactile comparisons of pelvic pathologic conditions in a classroom setting easing the way into clinical experience. Constructed of soft, easily cleaned, vinyl materials that approximate skin texture, the model provides detailed, life-like anatomical features and references.



Included are the following interchangeable inserts:

- ✓ normal cervix for IUD insertion and removal
- ✓ normal parous cervix
- ✓ cervix with endocervical polyp
- ✓ cervix with ectropian characteristics
- ✓ cervix with neoplasia (carcinoma)
- ✓ normal uterus for IUD insertion and removal
- ✓ pregnant 10-week uterus, and two adnexal masses.

Does not include ovaries.
Comes with transport bag.
Size: 33 x 33 x 30 cm
Weight: 3 kg

Ref.no. R10182
Details:

GYN/AID Gynaecological Simulator

The full size female adult lower body gives students and educators a graphic experience in vaginal speculum examination, bi-manual pelvic examination, IUD insertion techniques, diaphragm sizing and fitting, uterine sounding, and viewing of normal and abnormal cervices.



Features / Package Contents:

- ✓ Full size female adult lower body with removable soft outer skin
- ✓ One normal anteverted uterus with transparent top and round ligaments
- ✓ Seven uteri with one normal “control” uterus and six with external uterine abnormalities
- ✓ Two normal cervices for IUD insertion/removal
- ✓ Uterus and cervix feature patented “screw” design for fast and easy change-out
- ✓ Contraceptive sponge insertion and removal
- ✓ Female condom insertion and removal
- ✓ Diaphragm and cervical cap insertion and removal
- ✓ Talcum powder
- ✓ Instruction manual
- ✓ Soft carrying bag
- ✓ 6 cervices with cervical abnormalities
- ✓ Anatomically accurate fimbriae

Ref.no. R10186
Details:





Gynecological Examination Simulator

This model allows practical training in basic gynecological examinations. This is a model best suited for educational purposes for doctors-in-training and medical students not only in gynecology but in general medical practice as well.



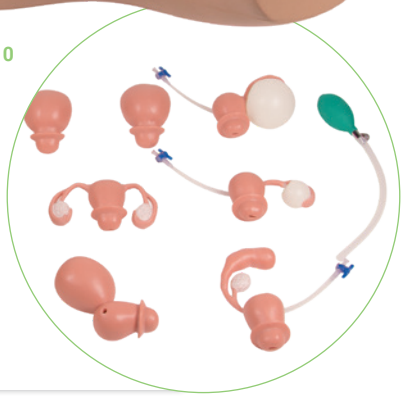
Features:

- ✓ Soft, special material used for the external genital and abdominal cover allow the product to provide realistic simulation of bimanual examination (internal and external examination) and rectal examination.
- ✓ All uteri are movable which allows the product to recreate realistic examination of conditions such as cervical motion tenderness.
- ✓ Internal reproductive organs such as the uterus and ovaries have normal and abnormal states, and the examination of their respective disease states (intramuscular hysteromyoma, subserous myoma, ovarian cyst, hydrosalpinx, etc.) can be practiced by changing the uterus. The uterus can be changed easily.
- ✓ Size of the ovarian cysts and hydrosalpinx can be adjusted by pumping in air to achieve the size and texture that closely resembles a living body.
- ✓ The product can be used for the practical training of vaginoscopy, probing, and cytology such as collection of intimal smears.
- ✓ The genital unit can be detached easily for simple care and replacement.

Interchangeable uterus:

- ✓ Normal uterus, Early pregnancy uterus, Hysteromyoma 1 (in tunica muscularis), Hysteromyoma 2 (under endometrium), Ovarian cyst 1 (ping-pong ball size), Ovarian cyst 2 (tennis ball size), Hydrosalpinx.

Ref.no. LM110
Details:





Advanced Pelvic Examination and Gynecological Simulator

Now in one completely redesigned unit, the Advanced Pelvic Examination and Gynecological Simulator is ideal for all aspects of gynecological education, training, and competency evaluation, including the bimanual exam, speculum exam, and cytology sampling. This simulator allows you the flexibility of customizing your scenarios with use of included makeup, blood, and thickener. Additional specialized modules are also available (STD, post-menopause, S.A.N.E., and pre-puberty). Starter unit includes torso, normal genital pad, normal pelvic organ block with vagina and rectum, abdominal gel pad, fabric abdominal pad, abdominal overlay skin, seven uterus/cervix pieces (normal/normal with discharge option, retroverted/cervicitis, cancer/cancer, transparent IUD trainer, postmenopause/herpes, fibroids/polyp, early pregnancy), five detachable ovaries (normal, polycystic, small cyst, large adnexal mass), bladder insert, pelvic organ prolapse insert, baby powder, Injury Shades Makeup Wheel, Primary Colors Makeup Wheel, blood mix, methyl cellulose thickener, syringe, lubricant, instruction manual, and hard carry case.

Ref.no. R10940
Details:

Complete Set of Specialized Examination Modules. Includes one of each module listed below.

Ref.no. R10941
Details:

Sexual Assault Nurse Examiner (S.A.N.E.) Module. Includes external genital pad only. Implanted pubic hair for evidence collection.

Ref.no. R10941-3
Details:

Sexually Transmitted Diseases (STD) Module. Includes external genital pad and pelvic organ block/vagina and rectum. Shows Herpes blisters, Venereal warts and Syphilis chancre.

Ref.no. R10941-1
Details:

Pre-Puberty Module. Includes external genital pad only. Represents 6-10 year-old, pre-pubertal appearance, intact hymen

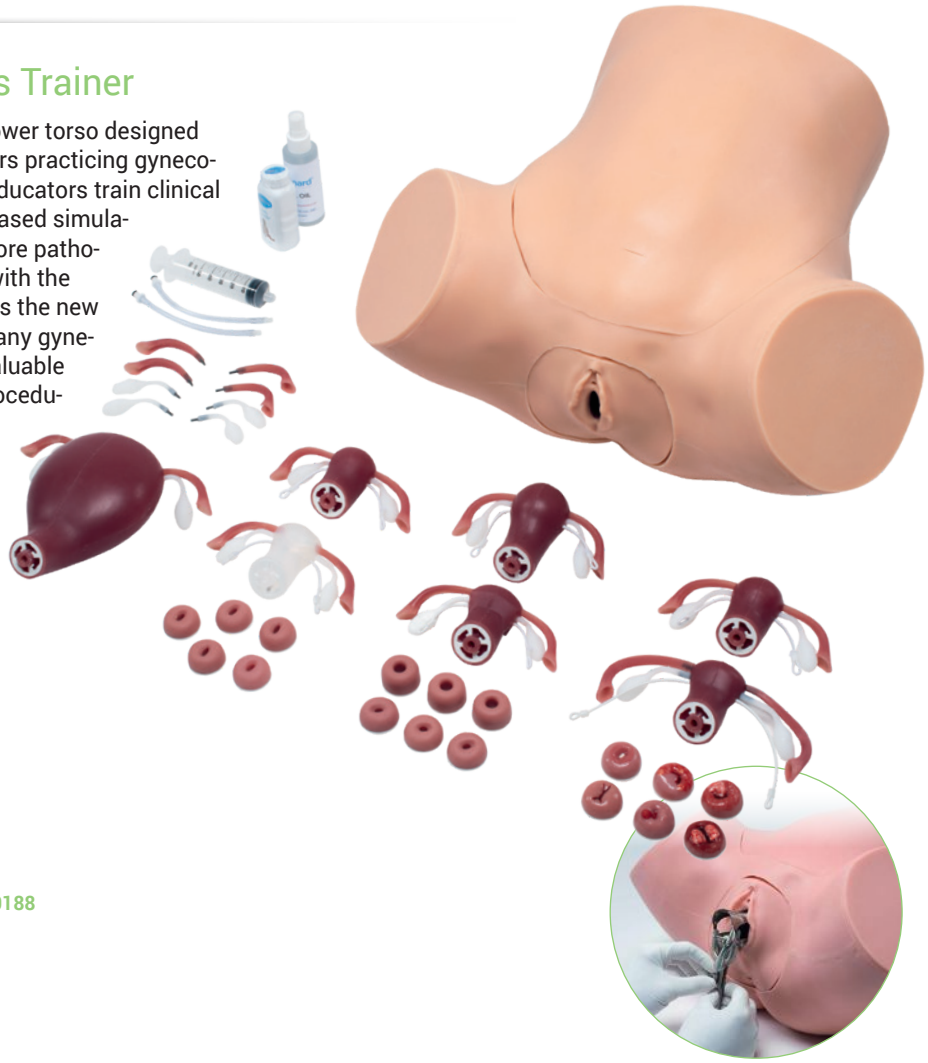
Ref.no. R10941-4
Details:

Post-Menopause Module. Includes external genital pad and pelvic organ block/vagina and rectum. It shows Shrunken labia, Narrow introitus, Eversion of urethral meatus, Anal tags, Small thrombosed hemorrhoid, Pale, smooth vaginal walls, Vaginal lesions, Vaginal adhesions, Vaginal cancer.

Ref.no. R10941-2
Details:

ZOE Gynecological Skills Trainer

The ZOE Simulator is an adult-sized lower torso designed to add hands-on experience for learners practicing gynecologic skills. Realistic anatomy helps educators train clinical skills for easy transition to scenario-based simulations. Optional add-on models with more pathologies for expanding curricula easily with the modular design. Lifelike realism makes the new ZOE the perfect hands-on addition to any gynecologic skills currucula, providing invaluable experience on various gynecologic procedures including speculum examinations, fallopian occlusion, catheterization, uterine sounding, and more.



Package Contents:

- ✓ ZOE Gynecologic Torso
- ✓ Anteverted uterus
- ✓ Retroverted uterus
- ✓ Clear IUD uterus
- ✓ Pregnant uteri
- ✓ 6-8 week
- ✓ 6-8 week w/ ovarian ligaments
- ✓ 10-12 week
- ✓ 20 week
- ✓ Normal patent cervices (5 pcs.)
- ✓ Abnormal cervices (6 pcs.)
- ✓ Pregnant Cervices
- ✓ 6-8 week (3 pcs.)
- ✓ 10-12 week(3 pcs.)
- ✓ Mineral oil
- ✓ Instruction manual

Ref.no. R10188
Details:

Optional Modular Add-ons:

Uteri with Externally Palpable Abnormal Pathologies.
Interchangeable uteri for recognizing abnormalities with bimanual examination.

- ✓ Enlarged uterus
- ✓ Small uterus
- ✓ Bicornate uterus
- ✓ Uterus with anteversion/anteflexion
- ✓ Uterus with large ovarian cyst
- ✓ Uterus with medium ovarian cyst
- ✓ Uterus with moderate retroversion
- ✓ Myomatous uterus
- ✓ Uterus with salpingitis on left side
- ✓ Uturus with saplingitis on right side

Ref.no. R10188-1
Details:

Uteri with Normal and Abnormal Internal Pathologies.
Interchangeable uteri for recognizing abnormalities by hysteroscopic viewing.

- ✓ Uterus with healthy characteristics
- ✓ Uterus with advanced carcinoma
- ✓ Uterus with fundus carcinoma
- ✓ Subseptate uterus
- ✓ Myomatous uterus
- ✓ Uterus with early carcinoma
- ✓ Uterus with polyposis
- ✓ Uterus with varied polyps
- ✓ Uterus with hyperplasia

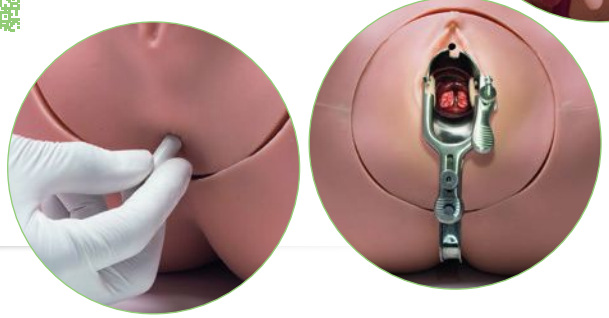
Ref.no. R10188-2
Details:

Vulva with Integrated Fistula Model.
Lifelike material supports realistic practice of suturing fistulous tracts. Modular vulva insert includes three fistulous tracts: vesicovaginal, rectovaginal, and urethrovaginal.



Ref.no. R10188-3
Details:

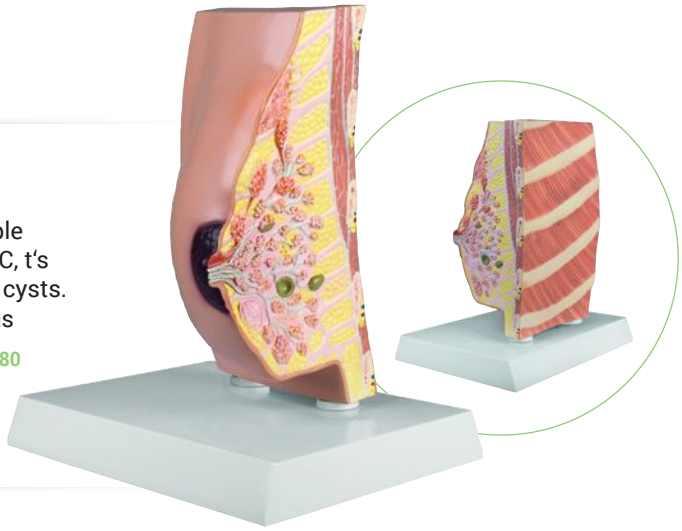




Breast cross section with diseases

Cross section of a female breast in life size with multiple diseases. The model shows IBC, precancerosis, ILC, IDC, t's disease, fibroadenoma, pseudo lump, mastopathy and cysts. The model also shows normal anatomy of the breast as well as other structures like muscle layer and ribs. With educational card and breast cancer classification. On stand, removable. Size: 10 x 16 x 8 cm, Weight: 0.4 kg.

Ref.no. L280
Details:





Breast cancer palpation model

Life size model of a female breast made of tissue-like material. The model includes a palpable lump as well as a mastopathy. The supplied educational card shows the position of the lumps as well as the statistical distribution of possible lumps in the breast. Additionally the card includes an overview of breast cancer classification. Size: 9 x 10 x 4 cm, Weight: 0.3 kg.

Ref.no. L281
Details:

Single breast examination trainer

The Single Breast Examination Trainer has been designed for use in education in breast cancer prevention and breast self-examination. Breast self-examination is an important way of detecting cancer at an early, more treatable stage. Use the trainer to demonstrate proper manual examination and discussion of normal and abnormal findings. Soft, lifelike simulated breast tissue fits over a sturdy base with molded ribs. Interchangeable lumps and nodules of various sizes, shapes, and densities can be placed within the breast in any combination, offering a complete educational experience. Reddened peau d'orange area on skin represents inflammatory breast cancer (IBC). Dimpling indicates invasive disease. The Single Breast Examination Trainer includes four soft (skin color) nodules that represent normal tissue; three medium (white) lumps; and four hard (red) lumps, including a fixed-wall tumor. Lumps and nodules vary in size from 1-3 cm, are round and irregular in shape, representing both cysts and malignant tumors. Also included are baby powder, soft carry case, and instruction card. Weight 1.3 kg.



Ref.no. L63
Details:



A-B-C breast examination set

Teaching models available in three different breast (cup) sizes, because all women are not the same. The set includes small (142 ml), medium (255 ml), and large (794 ml) models. Each model contains five lumps which, just as in real life, are more difficult to detect in larger breasts than in the smaller breasts. Each model is washable with soap and water. A must for any comprehensive teaching program. Includes slipcovers and carry case. Weight: 2.5 kg.

Ref.no. L61
Details:

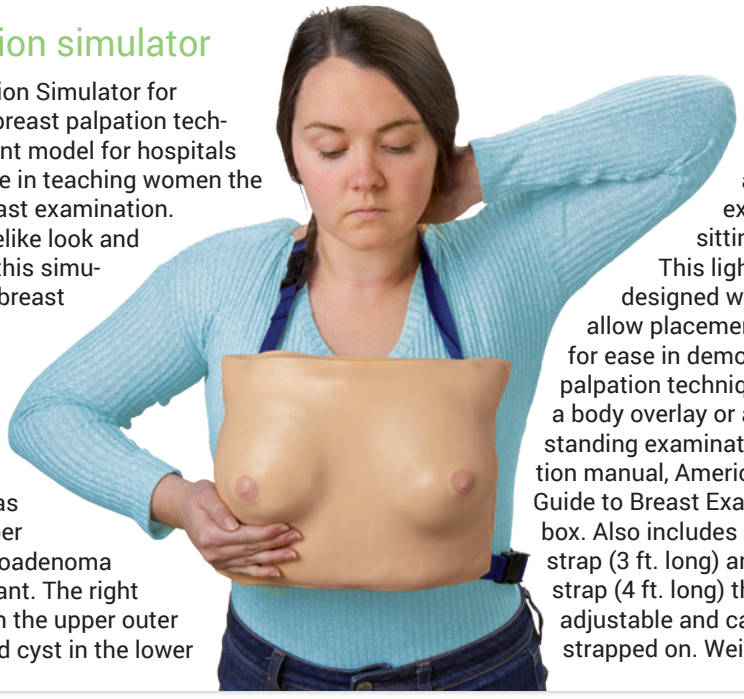


Advanced Breast Exam Simulator

Breast cancer is the second leading cause of cancer death among women; a properly performed manual examination is an important way of detecting cancer at an early, more treatable, stage. The Advanced Breast Exam Simulator offers unparalleled realism for teaching both clinical and self-breast examination. Unlike other simulators, tissue density actually varies within the simulated breast, just as it does in a live patient. Tumors of varying sizes (1-4 cm diameter), shapes (round, oval, irregular/stellate), and densities can be inserted by the instructor for an expanded combination of training scenarios. Tumors represent adenomas, cysts, malignant tumors, and enlarged lymph nodes. The torso is correctly positioned in the supine position and allows access to both axillae. The trainer features palpable ribs, sternum and clavicles, and enlarged lymph nodes in the axillary and subclavicular areas. Peau d'orange ("orange peel skin") with inflammation, inverted nipple, skin dimpling, and asymmetry are also depicted on the incredibly realistic skin. The Advanced Breast Exam Simulator has been designed for supine examination, but may also be used standing upright if desired. Training may also be done without the overlay skin. Includes a rigid underbody, right and left breast inserts, overlay skin, three tumor sets (27 lumps), nine soft lumps to represent soft breast tissue, one hard lump to represent chestwall infiltration, baby powder, hard carrying case, and instruction manual. Torso size: 36 x 30 x 15 cm.

Ref.no. L57
Details:

Breast examination simulator



Use the Breast Examination Simulator for teaching and practicing breast palpation techniques. This is an excellent model for hospitals and medical clinics to use in teaching women the proper techniques of breast examination. Special skin creates a lifelike look and feel. A unique feature of this simulator is the realistic fluid breast mass. This mass allows displacement of breast tissue under palpation almost exactly as it occurs in a live patient. Each breast contains abnormalities. The left has a small nodule in the upper outer quadrant and a fibroadenoma in the lower inside quadrant. The right breast has a fixed lump in the upper outer quadrant, and a fluid-filled cyst in the lower inside quadrant. The simulator allows women to practice all phases of breast examination in both a sitting and supine position. This lightweight simulator is designed with a concave back to allow placement against the patient for ease in demonstrating or practicing palpation techniques. Can be used as a body overlay or attached to body for a standing examination. Includes instruction manual, American Cancer Society Guide to Breast Examination, and storage box. Also includes a neck strap (3 ft. long) and a waist strap (4 ft. long) that are adjustable and can be strapped on. Weigth: 3 kg.

Ref.no. L62
Details:



Breast Self Examination Simulator

The BSE simulator has received top marks from healthcare professionals. They are thrilled with its durability, texture, and realism. Now with new softer & more realistic breasts. Teaching is made easy and realistic since the BSE simulator may be used in either the vertical or reclining position - Each breast may be detached from the simulator.

- ✓ One breast has nine lumps from 3 to 25 mm in diameter
- ✓ Abnormal breast includes two lumps beneath the arm
- ✓ Three lumps may be palpated easily; six are extremely subtle
- ✓ Teach the spiral or grid pattern to improve detection techniques.

Use this simulator, stress the need for monthly self-examination, encourage the recording of results and prompt reporting of any unusual findings to a health care professional. With instruction manual and carrying bag.

Ref.no. L56
Details:

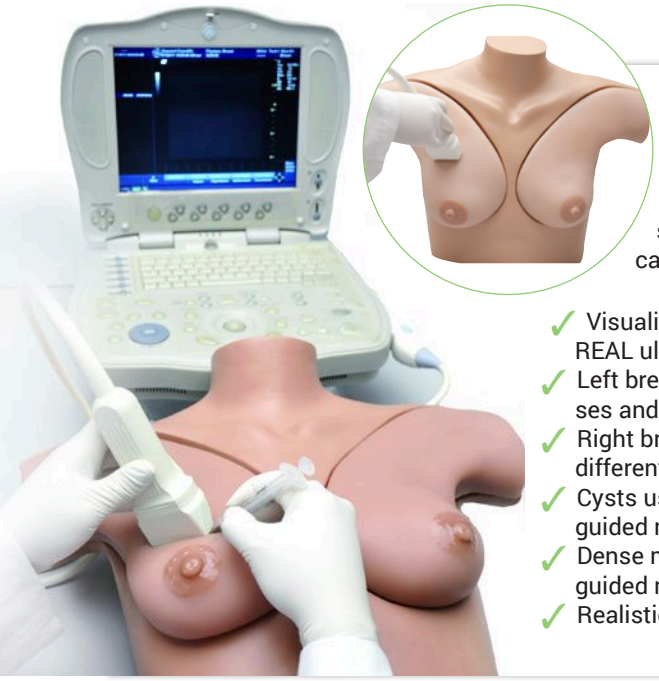
Breast Palpation Simulator for Clinical Teaching



The new Breast Palpation Simulator for Clinical Teaching combines state-of-the-art materials to create a realistic look, feel, and texture in addition to lifelike softness and durability. The simulator incorporates a combination of left and right breasts, including axilla regions, with a variety of masses that have distinct textures useful in recognizing normal and abnormal conditions. This simulator offers an excellent training platform on which breast examination techniques may be demonstrated. The Breast Palpation Simulator's six interchangeable breasts include a variety of different pathologies for training of breast examination. An assortment of malignant and benign tumors is included within both the mammary and axilla regions.

- ✓ Three interchangeable left breasts
- ✓ Three interchangeable right breasts demonstrating carcinoma and the "orange skin effect, giant sarcoma, and normal breast tissue
- ✓ Demonstrating chronic mastitis, benign growth, and scirrhous carcinoma
- ✓ Lifelike softness, texture and look. Nevertheless durable.
- ✓ Breasts are attached to adult upper torso and can be easily removed and reassembled
- ✓ The trainer can be used in either the upright or reclining position
- ✓ carrying bag and instruction manual inlcuded

Ref.no. L60
Details:



Breast Phantom Simulator

Left and right breasts attach to adult upper torso. The left breast permits ultrasound identification of cysts versus dense masses, while the right breast permits identification of cysts of different sizes and depths.

- ✓ Visualize cysts and masses using REAL ultrasound equipment
- ✓ Left breast contains six dense masses and three cysts randomly oriented
- ✓ Right breast contains ten cysts of different sizes and depths
- ✓ Cysts used to teach ultrasound guided needle aspiration
- ✓ Dense masses used for ultrasound guided needle biopsies
- ✓ Realistic texture and look
- ✓ Self-healing skin
- ✓ Breasts easily removed and assembled
- ✓ Use in either the upright or reclining position
- ✓ Medium skin tone standard
- ✓ Light or dark skin tone optional at no extra cost
- ✓ Soft carrying bag
- ✓ Instruction manual

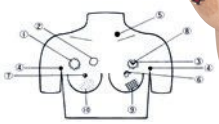
Ref.no. L58
Details:



Breast cancer palpation model

True to life replica of a female breast with pathological changes. Suitable for training of physicians and medical specialists, but also for instruction in self-examination. Via the use of various special synthetic materials, this model is extremely realistic in appearance and feel. Includes lumps, lymph node metastases and breast and skin changes.

Ref.no. LM18
Details:





Breast cancer palpation model





True to life replica of a female breast with pathological changes. Suitable for instruction in self-examination, but also for physicians and medical specialists. Owing to the possibility of strapping the model around the patient, particularly suitable for practising self examination. Via the use of various special synthetic materials, this model is extremely realistic in appearance and feel. Highly suitable for group instruction.

Ref.no. LM17
Details:

Ultrasound-Guided Breast Biopsy Phantom

We would like to introduce the new training phantom for ultrasound-guided breast biopsy. **It features:**

- ✓ Fine Needle Aspiration Biopsy (FNAB), Core Needle Biopsy (CNB) and Mammotome biopsy can be performed under ultrasound guidance.
- ✓ Tissue of the breast phantom(s) represents softness and resistance of the mammary gland.
- ✓ Excellent image quality.
- ✓ Targets are colored to confirm successful sampling.
- ✓ Targets are embedded in three levels to allow training in needle access with different angles and depth.

The phantom is available in two versions. The basic version is transparent and contains 12 hyperechoic targets, size 6 mm and 10 mm, targets colored in blue. The advanced breast is opaque and has also 12 targets, 6 hyperechoic (blue) and 6 hypoechoic (red) targets, sizes 6 mm and 10 mm. Size: 136 mm diameter x70 mm height, weight: 0.7 kg.



Ref.no. R16675
Details:

Set of one basic and one advanced breast

Set of two basic breasts
Ref.no. R16675-1
Details:

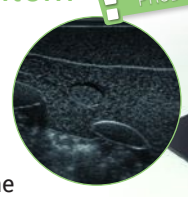
Set of two advanced breasts
Ref.no. R16675-2
Details:

Breast Ultrasound Examination Phantom

NEW PRODUCT

A unique phantom for training in basic breast ultrasound examination. Simulated targets with different echogenicities are embedded in the phantom mammary gland. The subcutaneous adipose, the mammary gland, the galactophore, Cooper's ligament, the retromammary adipose, the costae, the clavicle, the pectorails major and the lung can be visualized as well as the lymph nodes at axilla.

- ✓ Training in basic breast ultrasound examination.
- ✓ Sonography for patients: Simulated targets with different echogenicities are embedded in the phantom mammary gland.





Ref.no. R16670
Details:



Testicle Self Examination Model

Made from soft material, these life-size model features 2 lumps in each testicle. Perfect for teaching TSE (Testicle Self Examination).

Ref.no. R10065
Details:



Testicle Self Examination Model

Self-examination of the testicles is just as important as self-examination of the female breasts for early detection of tumours. Providing exceptional realism, this simulator features soft, thin outer skin with delicate underlying structures and four embedded, simulated tumours. Ideal for teaching proper palpation techniques.
To maintain the lifelike feeling of the skin, baby powder (included) should be applied from time to time. Size: 23.5 x 16 x 6.5 cm, Weight: 0.5 kg.

Ref.no. R10034
Details:



Orchidometer, plastic

Orchidometer for diagnosis of testicle volume. Consists of prepubertal testicles (1 to 3ml) in yellow, pubertal testicles (4 to 12ml) in orange and adult testicles (15 to 25ml) in red. Strong plastic material, hygienic, on rope.

Ref.no. OM20
Details:

Prostate Examination Trainer

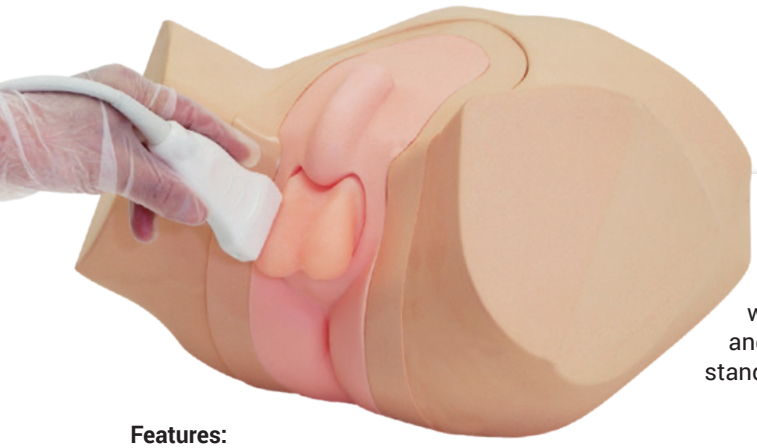
The trainer is supplied as a four sided box housing 4 prostates: Normal Benign, Enlarged Benign, Early Malignant, Advanced Malignant.

- ✓ Realistic tactile feeling
- ✓ No prostates must be replaced
- ✓ Each is identified via a single, gloved finger access port
- ✓ Easy to handle

The soft but firm touch of these prostates has been extensively tried and tested by specialist urologists.



Ref.no. R10082
Details:



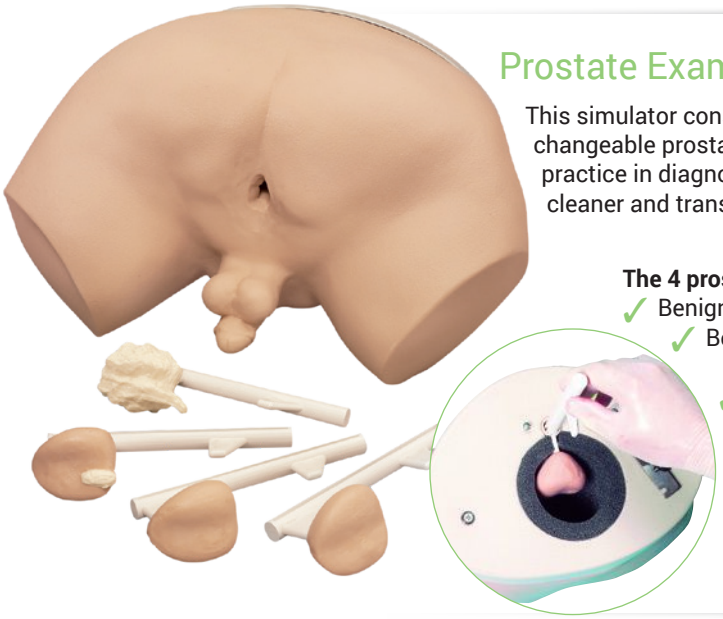
Scrotal Ultrasound Phantom

Scrotal Ultrasound Phantom provides trainees life-like training with high quality ultrasound images. Interchangeable normal and cancerous phantoms offer not only an anatomical understanding but also pathological images. Size: 34 x 33 x 24 cm.

Features:
- ✓ Excellent ultrasound image quality.
- ✓ Normal and pathological units provide various cases.
- ✓ Scrota can easily detach from the model for replacing and cleaning.

Training Skills:
- ✓ Scrotal ultrasound screening
- ✓ Visualization of testicular cancer

Ref.no. R16018
Details:



Prostate Examination Simulator

This simulator consists of a male abdomen body and 4 different interchangeable prostate glands which can be inserted to allow realistic practice in diagnosis by rectal examination. Supplied with lubricant, cleaner and transport case. Size: 54.5 x 38 x 30.5 cm, Weight: 11 kg.

The 4 prostate glands represent the following characteristics:

- ✓ Benign, slightly enlarged, but otherwise normal
- ✓ Beginning stage of carcinoma, a discrete, hard nodule is palpable in the upper right quadrant
- ✓ The spread of carcinoma is demonstrated; the small nodule has increased in size and has become an external hard mass on the surface of the gland
- ✓ Totally replaced with carcinoma, the entire gland feels hard and irregular

Ref.no. R10031
Details:

Clinical Prostate/Rectal Examination

This unique trainer has a realistic feel to practice a clinical examination and diagnostic technique. The trainer has a realistic anus and rectum mounted within the buttock shape and presents in the left lateral position. Both the rectum and the five interchangeable prostates are replaceable. When in use the prostate is hidden and cannot be seen by the trainee. To make the change over from one prostate to another could not be simpler, lift the lid, unplug and replace.

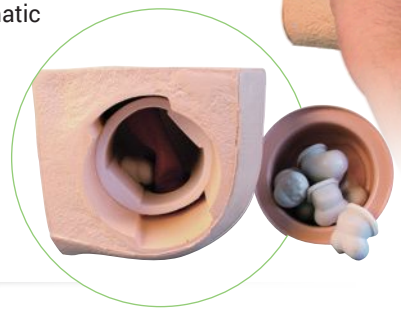
Ausstattung:

- ✓ Allows for procedural skills training for rectal examination.
- ✓ **There are 5 interchangeable prostates:** 1. asymptomatic 2. bilateral benign 3. unilateral benign 4. bilateral carcinoma 5. unilateral carcinoma 6. rectal polyp.

Skills:

- ✓ Use of a proctoscope
- ✓ Digital rectal examination
- ✓ PR examination technique and diagnosis.
- ✓ All parts are latex free and washable.





Ref.no. R10081
Details:



Prostate examination trainer

This trainer allows the realistic practice of the digital prostate examination. The model comes with 10 different prostate inserts. 5 of these insert can be placed inside the model simultaneously, the teacher can easily switch between them using a steering switch.



The inserts are:

- ✓ 1 x normal
- ✓ 2 x prostate gland enlargement
- ✓ 2 x prostatitis
- ✓ 5 x cancer

Because this model is made of special soft material it gives a life-like impression and is a teaching aid that cannot be replaced.

Ref.no. R16230
Details:



Prostate & Rectal Simulator

The Prostate & Rectal Simulator include 9 types of prostates and 4 types of rectums that are easily changeable and can be positioned in 3 different ways.

Training Skills:

- ✓ Digital-examination of the prostate and rectum
- ✓ Insertion and the use of the anal-scope and the proctoscope

Features:

- ✓ Nine types of prostate simulate different scenarios: Normal, prostatitis, enlargement 1, enlargement 2, carcinoma 1, carcinoma 2, carcinoma 3, carcinoma 4, carcinoma 5
- ✓ Four rectum units: normal, small carcinoma, large carcinoma, polyp combined with small carcinoma
- ✓ Training with multiple prostates and rectal cases is concurrent and time efficient
- ✓ Lateral, supine and prone positioning.
- ✓ 3 revolving units with 9 prostates can easily be changed

Ref.no. R16016
Details:



Rectal examination model

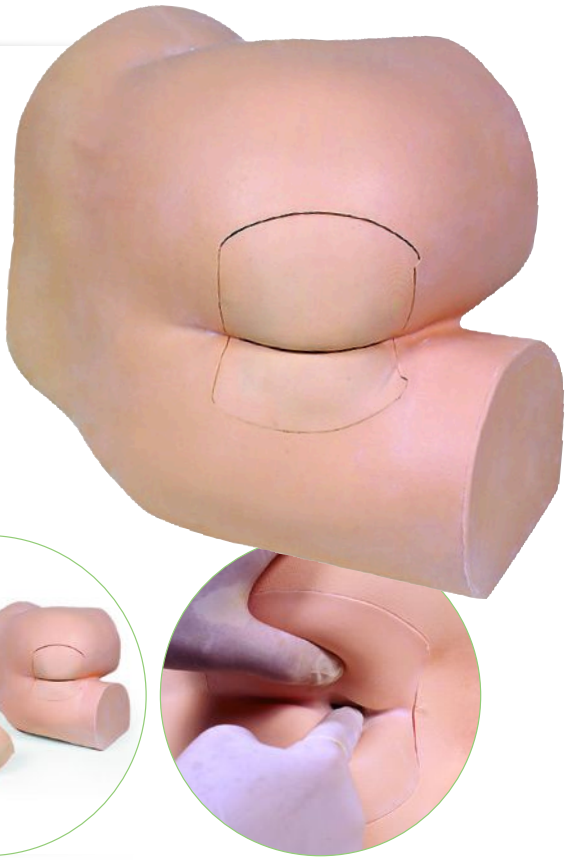
This model was developed to give the opportunity for lifelike digital rectal examination training. The unisex model can be modified with 4 different inserts to represent different patient cases.

It comes with 4 modules:

✓ Normal ✓ Cancer A ✓ Cancer B ✓ Polyps

Additionally the model has a prostate insert as well as an endocervix insert. The anus is palpable to a depth of 7 cm. The model comes with lubricant and storage box.Inserts are wear parts and can be re-ordered separately.

Ref.no. R16240
Details:



Insert with normal anatomy
Ref.no. R16240A
Details:

Insert with cancer B
Ref.no. R16240C
Details:

Insert with cancer A
Ref.no. R16240B
Details:

Insert with polyps
Ref.no. R16240D
Details:

Bandaging Simulator

This simulator consists of a female torso with flexible, lifelike skin which realistically responds to adhesives and all types of bandaging procedures. 14 different wounds allow one to practice wound management techniques, cleaning and bandaging techniques just like on a real patient. Wound closures feature surgical staples and sutures which cannot be removed.

The simulator is supplied in a carrying case and features the following wounds:

- ✓ Thyroidectomy
- ✓ Mid-sternal split with chest tube drains (surgical staples)
- ✓ Mastectomy with simulated drain
- ✓ Cholecystectomy with simulated T-tube
- ✓ Laparotomy (surgical staples)
- ✓ Appendectomy
- ✓ Colostomy
- ✓ Illeostomy
- ✓ Abdominal hysterectomy (surgical staples)
- ✓ Thoractomy (surgical staples)
- ✓ Nephrectomy (surgical staples)
- ✓ Laminectomy
- ✓ Sacral decubitus ulcer (stage II)
- ✓ Leg amputation stump (surgical staples)

Size: 84 x 30.5 x 63.5 cm, Weight: 12 kg



Ref.no. R10021
Details:

Stump Bandaging

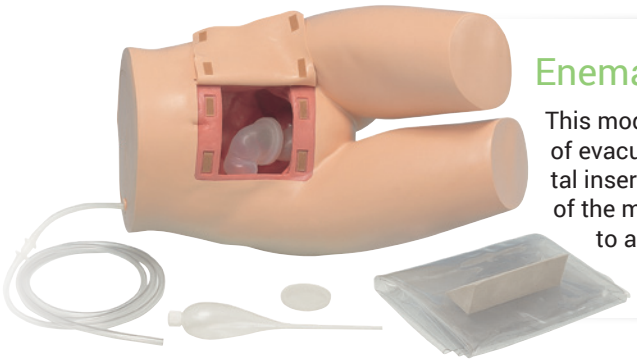
Lower or Upper torso with amputation stumps for bandaging training. Life size.

Lower Torso
Ref.no. R10023
Details:



Upper Torso
Ref.no. R10022
Details:





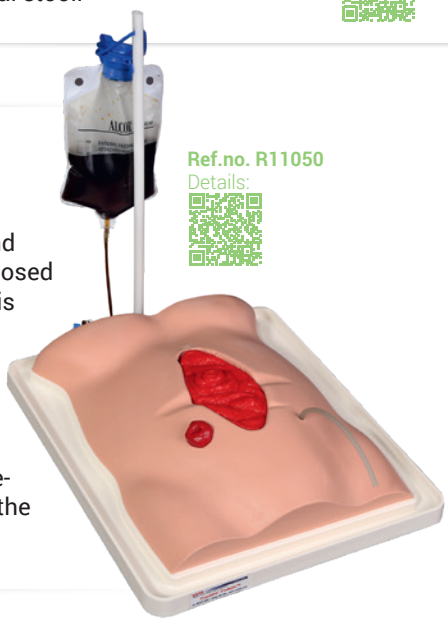
Enema training model

This model simulates a bedridden or geriatric patient having difficulty of evacuation by himself. The model can be used for practice of digital insertion and fluid injection. An opening in the front of the model permits to see the transparent bowel and to allow the teacher to control the training visually. Comes with artificial stool.

Ref.no. LM68
Details:

Freddie Fistula Skills Trainer with case

Freddie Fistula allows to facilitate instruction and practice in the management of open abdominal wounds with active fistulas. Freddie Fistula Wound Care Skills Trainer incorporates a realistic open abdominal wound with exposed intestines and three actively draining fistulas. A central stomatized fistula is easily observed, while both the non-stomatized and hidden fistulas are not readily observable and add to the complexity of identifying the source of effluent flow and the ability to manage drainage, while employing various wound dressing materials and techniques (such as negative pressure wound therapy). Any combination of the three fistulas can be opened to permit effluent flow. The Freddie Fistula Skills Trainer helps to build competency and confidence in this challenging wound care scenario by allowing the user to employ some of the latest wound treatments and techniques.



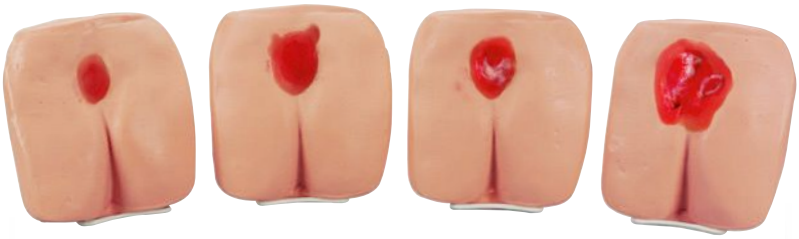
Ref.no. R11050
Details:

Pat Pressure Injury Model

A unique, compact, comprehensive and realistic model displaying the following pressure injuries: an unstageable eschar/slough wound, Stage 1 (in both darkly and lightly pigmented skin), Stage 2, Stage 3 with undermining, tunneling and slough, a shallow Stage 4 over the malleolus with exposed bone and tendon, and a Stage 4 with exposed bone, tendon, muscle and undermining, tunneling, eschar and slough. The darkly pigmented skin section shows how different a Stage 1, blood blister and suspected DTI (Deep Tissue Injury) may appear depending on the pigmentation. Optional carry case available.

Ref.no. R10167
Details:





Pressure Ulcer/Bedsore Models

Pressure ulcers, also known as bedsores or decubitus wounds, affect over one million adults every year. The wounds can range from superficial and mildly red on the skin surface to an extremely infected, deep, open wound penetrating down to the bone with blackened or dead tissue. These models illustrate all four wound stages and are used to give instruction on the care and cleaning of the ulcers. The four stages include:

- ✓ Stage 1 — Reddening, unbroken skin
- ✓ Stage 2 — Open wound that is reddened with partial skin loss
- ✓ Stage 3 — Deep, open wound that reaches through all layers of skin and into the muscle
- ✓ Stage 4 — Severe, deep, open wound that reaches through all layers of skin and damages muscle, bone, tendons, and joints

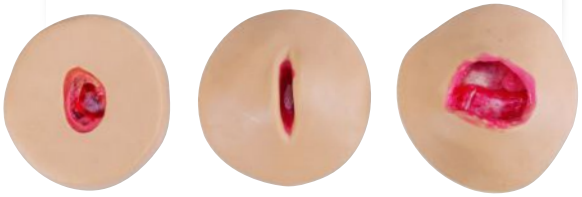
The Pressure Ulcer/Bedsore Models are made with our lifelike skin. Includes four buttocks models representing each stage, four display easels, and instruction key card. Size: 16.5 x 15.9 x 2.5 cm, Weight: 3.6 kg.

Ref.no. R11047
Details:

Negative-Pressure Wound Therapy (NPWT) Trainers

The Negative-Pressure Wound Therapy (NPWT) Trainers assist with the instruction of advanced therapy management for many types of acute and chronic wounds. Use the trainers for demonstration of application, placement, and management of a negative-pressure wound therapy system and for the care of wounds. These unique trainers have different depths of wound care, including tunneling. The lifelike texture of the skin and realistic appearance of the wounds give added realism to training. Appropriate wound care bandaging products can be used. Pump device and bandaging supplies not included.

Ref.no. R11011
Details:

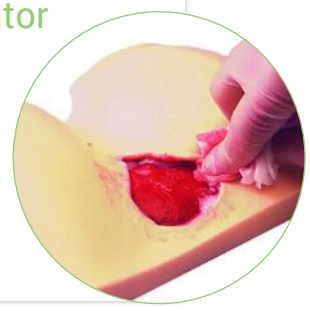




Decubitus Treatment Simulator

This model of a human buttock shows first-, second-, and third degree decubitus and allows practicing of washing and dressing procedures. Size: 24 x 37 x 9 cm.

Ref.no. R10026
Details:



Stan Stage 4 Presure Injury Model

Designed for teaching and training with vacuum assisted closure and negative pressure wound therapy devices, this model features a large sacral Stage 4 pressure injury, with eschar, subcutaneous fat, undermining, tunneling, slough, eschar and exposed bone (with osteomyelitis) and a Stage 3 pressure injury with subcutaneous fat and granulation tissue. The large size and depth of the Stage IV pressure injury, as well as the undermining and tunneling, make it ideal for practicing the proper dressing and preparation of a large wound for use with a negative pressure wound therapy device. The Stage 3 pressure injury is positioned so that the Stage 4 can be dressed by itself or a "bridging" dressing can be applied to the Stage 4 and Stage 3 to demonstrate and practice this skill.

Ref.no. R10172
Details:





Seymour II Decubitus-Simulator

This Decubitus-Simulator is made of a unique flexible, life-like material and is perfect for dressing practice. The model was molded from a 74-year-old patient and shows the following pressure injuries: Stage 1, stage 2, stage 3and Stage 4. It also shows a suspected deep tissue injury (DTI), a unstageable eschar/slough wound and a 14 cm dehisced wound. Life size. Optional carrying bag available.

Ref.no. R10073
Details:

Wound moulage sacral decubitus, cleaned

BEST SELLER

This moulage shows the sacral area with a pressure ulcus after a surgical cleaning. The necrotic tissue has been removed, wound pockets are present. The wound is available either freshly cleaned or with wound exsudate. The moulage can be used for demonstration of vacuum wound therapy. The moulage adheres on simulated patients or manikins, it can be fixed with special skin glue for longer training sessions. The anal fold is represented to demonstrate the typical challenges when dressing the wound.

Ref.no. PW001B
Details:

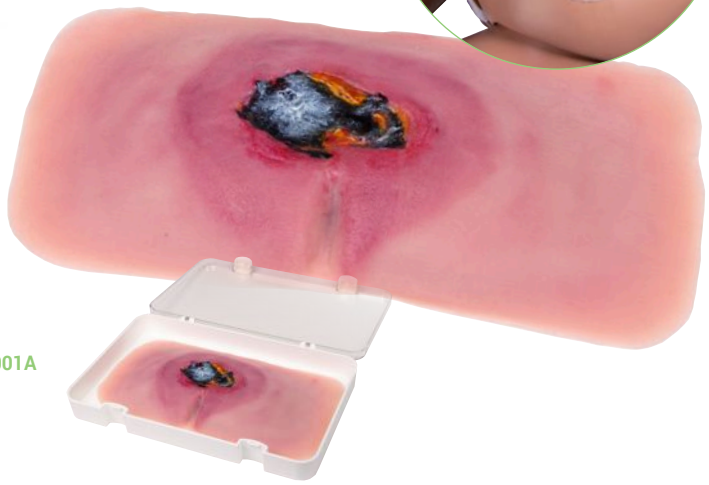


Wound moulage sacral decubitus, untreated

BEST SELLER

This moulage shows the sacral area with a pressure ulcus in an unattended stage. The tissue has died under continuous pressure and necrotic tissue is visible. The actual size of the necrotic area can not be defined and needs surgical therapy. The moulage adheres on simulated patients or manikins, it can be fixed with special skin glue for longer training sessions. The anal fold is represented to demonstrate the typical challenges when dressing the wound.

Ref.no. PW001A
Details:

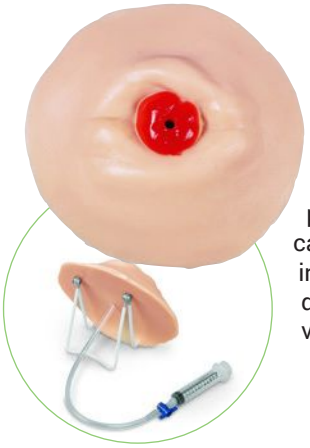


Ostomy Care Training Models Set



Includes 5 independent Ostomy Care Training Models: Nonfunctioning Double Barrel Ostomy Care Training Model, Nonfunctioning Prolapsed Ostomy Care Training Model, Functioning Healthy Ostomy Care Training Model, Functioning Infected Ostomy Care Training Model, and Functioning Necrotic Ostomy Care Training Model. Dilation of the stomas can be demonstrated and practiced, along with application of postoperative and permanent ostomy bags. Both functioning and nonfunctioning models are included.

Ref.no. R11010
Details:



Retracted Ostomy Care Training Model

This model represents a stoma that has sunk below skin level, allowing training including cleaning and changing the pouching system. Dilation of the stomas can be demonstrated and practiced, along with application of postoperative and permanent ostomy bags on stomas that can often be difficult to obtain a good seal around. The ostomy can actually be irrigated. Syringe is included to pump simulated stool through the unit to provide drainage and excretion at the ostomy. The consistency of the stool can be varied by using water to thin the material.

Ref.no. R11040
Details:

Complete Ostomy Care Simulator

The anatomy of the ostomies are carefully reproduced, the skin is made of realistic, flesh-like material, and a soft, pliable material is used for the stomas in order to achieve the most realistic tactile sensation. Dilation of the stomas can be demonstrated and practiced, along with application of postoperative and permanent ostomy bags. Practice fitting, cleaning, and changing the pouching system. The simulator consists of three locations to place the interchangeable stomas (healthy stoma, double barrel stoma, prolapsed stoma, and necrotic stoma). The healthy and necrotic stomas can be irrigated and simulated stool can be pumped to provide drainage and excretion at the ostomy. There is a permanent, retracted stoma to practice ostomy care procedures on stomas sunk below skin level.



Ref.no. R11045
Details:



Ostomy Pouching Trainer

the Ostomy Pouching Trainer™ will facilitate the practice of proper pouching techniques to maintain healthy skin while developing good hand eye coordination. It can be used to practice using four different stomas:

- ✓ Urostomy with Stents
- ✓ Loop Stoma (you provide the bridge)
- ✓ End Stoma
- ✓ Flush Stoma

With the Ostomy Pouching Trainer, each of these stomas can have simulated stool or urine output and can be placed in four different locations:

- ✓ Contact dermatitis
- ✓ Standard healthy skin
- ✓ Flush placement with folds and mucocutaneous separation
- ✓ Candidiasis

Ref.no. R11054
Details:



Ostomy Care Simulator

Reproduction of an abdomen showing the anatomy of both a colostomy and ileostomy to provide lifelike functions and appearance. Dilation of the stomas can be demonstrated and practiced, along with application of postoperative and permanent ostomy bags. The colostomy can be irrigated. Drainage and excretion at the ileostomy (water) and colostomy (simulated stool) can be pumped by syringes. Delivered with simulated stool and carrying case. Size: 45.5 x 45.5 x 30.5 cm, Weight: 11 kg.

Ref.no. R10133
Details:



Ostomy Care Model

This model contains four stomas that can be lubricated and dilated with an inserted finger. Model may be washed, taped, bandaged or fitted with ostomy bags. Supplied with lubricant.

Ref.no. R10132
Details:



Otto Ostomy Advanced

Otto Ostomy™ has a clear torso shell with four openings for the insertion of stomas. The torso shell is easily removed from the aluminum base for teaching or to facilitate in accessing and manipulating the organs. The color coded organs displayed include: Stomach, Small Intestine, Large Intestine, Rectum, Kidneys, Ureters and Bladder. The small intestine, large intestine, rectum and bladder are all removable to aid in teaching procedures where these organs might be removed. The ureters can be removed from the bladder and reinserted into the ileal conduit to show how a urostomy functions. The flexible small and large intestines can be separated and attached to the backside of the stoma in the torso shell to demonstrate either an end or loop stoma. The large intestine can be separated at four different locations: Ascending colon, Transverse colon, Descending colon and the Sigmoid colon.

Ref.no. R11009
Details:

SELF-ADHESIVE WOUND MOULAGES

NEW PRODUCT

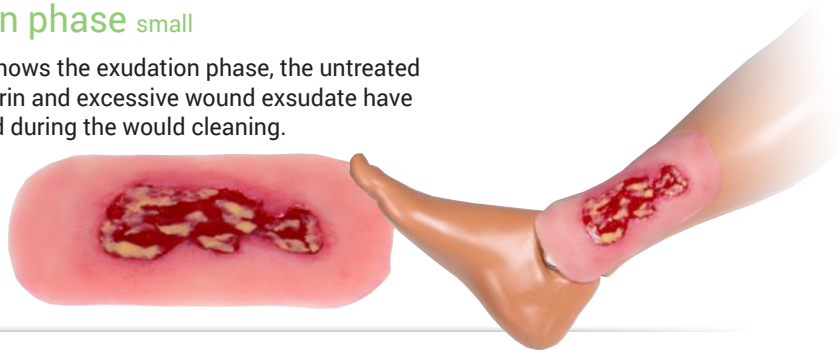
Wound moulages venous leg ulcer, different versions

These self-adhesive wounds represent a venous leg ulcer, a substance defect in the tissue of the lower leg as a result of a chronic venous insufficiency. It represents the most common ulcus disease (60% to 80% of all ulcus diseases) in different conditions. These wounds are perfect for adhering at the ankle or lower leg and adhere by themselves. For longer use, they can be fixed with a special skin glue. All materials used in these products are dermatologically harmless.

Exudation phase small

This wound shows the exudation phase, the untreated condition. Fibrin and excessive wound exsudate have to be removed during the would cleaning.

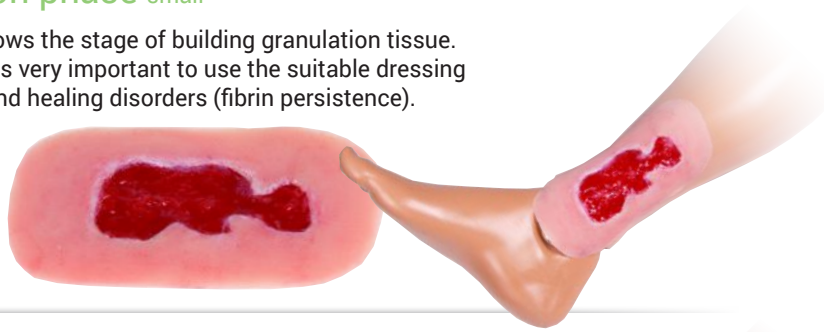
Ref.no. PW002A
Details:



Granulation phase small

This wound shows the stage of building granulation tissue. In this stage it is very important to use the suitable dressing to prevent wound healing disorders (fibrin persistence).

Ref.no. PW002B
Details:



Epithelisation phase small

This wound shows the stage of building epithelial tissue, finally leading to close the wound.

Ref.no. PW002C
Details:





Exudation phase large Version

This wound shows the exudation phase, the untreated condition. Fibrin and excessive wound exsudate have to be removed during the would cleaning.

Ref.no. PW003A
Details:



Granulation phase large

This wound shows the stage of building granulation tissue. In this stage it is very important to use the suitable dressing to prevent wound healing disorders (fibrin persistence).

Ref.no. PW003B
Details:



Epithelisation phase large

This wound shows the stage of building epithelial tissue, finally leading to close the wound.

Ref.no. PW003C
Details:

Wound moulages arterial leg ulcer, different versions

These self-adhesive wounds represent an arterial leg ulcer, a substance defect in the tissue of the lower leg as a result of a peripheral arterial occlusive disease (PAOD). Caused by insufficient blood and related oxygen supply the healing of wounds is inhibited any small injuries can become chronic wounds. These small wounds are perfect for adhering at the ankle or lower leg and adhere by themselves. For longer use, they can be fixed with a special skin glue. All materials used in these products are dermatologically harmless.

NEW PRODUCT

Exudation phase small

This wound shows the necrosis of tissue in extensive black areas.

Ref.no. PW004A
Details:



Granulation phase small

This wound shows the granulation phase after successful causal therapy and careful wound cleaning.

Ref.no. PW004B
Details:



Epithelisation phase small

This wound shows the building of epithelial tissue, finally leading to closure of the wound after successful causal therapy and careful wound cleaning.

Ref.no. PW004C
Details:





Exudation phase large

This wound shows the necrosis of tissue in extensive black areas.

Ref.no. PW005A
Details:



Granulation phase large

This wound shows the granulation phase after successful causal therapy and careful wound cleaning.

Ref.no. PW005B
Details:



Epithelisation phase large

This wound shows the building of epithelial tissue, finally leading to closure of the wound after successful causal therapy and careful wound cleaning.

Ref.no. PW005C
Details:



Surgical wound, 22 cm

This moulage is made of skin-friendly material and adheres by itself on the skin of a standardized patient, a manikin or on the supplied base. The moulage can be attached to any location of the body, for example over the knee to simulate a wound after a knee replacement or on the belly to simulate a cesarean section. The soft material moves with the body and can be attached over joints. If the moulage does not adhere well anymore, simply clean the backside with alcohol and it will stick strongly again. If the moulage shall be used for a longer course, we recommend a special skin glue.

Without suture
Ref.no. PW009A
Details:

With suture
Ref.no. PW009B
Details:

With surgical staples
Ref.no. PW009C
Details:



Nursing care moulage kit

This moulage kit offers a highly detailed variety of disease, pressure and surgically induced wounds to assist practitioners in understanding the treatment of their patients. Whether the practitioners' education includes clinical nurse training, certified nursing assistant training, surgical technician, or pre-hospital disciplines, it is beneficial to visualize the problems that arise in caring for these wounds. The kit comes with a spray container of both stinky sweat and vomit to assist in presentation. Comes packaged in a sturdy carrying case for eased of storage and transport.

Ref.no. R11013
Details:

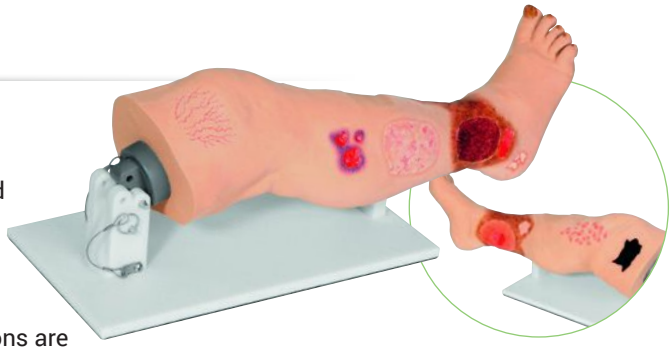
Ultra nursing wound simulation kit



The "ultimate" kit designed to assist nursing educators in creating medical experiences that used to only be found in clinical settings. The instructor-created simulation scenarios assist students with making assessments, prioritizing patients, and determining correct treatments. Simulation allows students to make critical mistakes without endangering a live patient, providing them with realistic patient interaction and enabling them to gain experience and gain confidence before entering real-life clinical situations. The more realistic the simulation, the greater the learning experience. Applications of wounds, blisters, abrasions, bruises, and much more act as visual aids. Moulage adds enough realism for students to become completely engaged in the scenarios presented. It allows them to feel the patient or patient simulator is someone for whom they must provide appropriate care. Using very quick, basic simulations and simple makeup, the simulated three-dimensional lifelike wounds can be cleaned, sutured, bandaged, etc., for a realistic nursing experience. Nursing simulation can use simple makeup and include wounds applied to a real person's or patient simulator's limbs, chest, head, or any other part of the body. The simulation can be as basic or advanced as needed by also adding other elements of realism, including sweat, blood, pus, mucous, or any other "recipes" needed to create a realistic learning environment. The Ultra Nursing Wound Simulation Kit includes everything needed to create complex scenarios to assist students with a multitude of sensory perception experiences. Included are simulated wounds, makeup, and makeup accessories all packaged in a hard carry case.

Ref.no. R11014
Details:

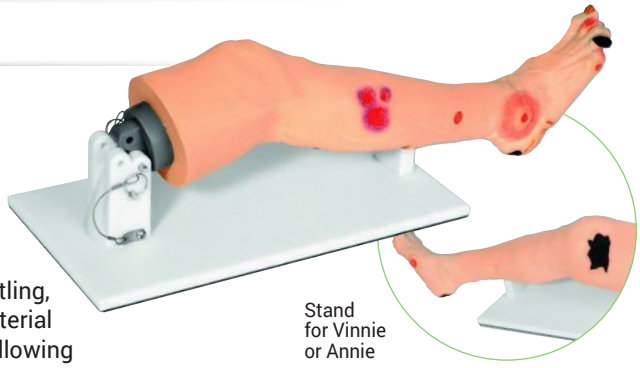
Vinnie venous insufficiency leg



is a great tool for teaching, training, competency testing and skills assessment in the care of patients with this condition. Wounds associated with venous disease and other wounds on the lower leg & foot are often extremely painful for the patient, thus adding urgency to their effective and efficient identification and treatment. The following conditions are represented on “Vinnie” Venous Insufficiency Leg: Venous Ulcer, Cellulitis, Stasis Dermatitis, Varicose Veins, Hemosiderin Staining, Vasculitis, Lipodermatosclerosis, Calciphylaxis, Pyoderma Gangrenosum, Healed Foot Ulcer, Fungal Thickened Toenails, Maceration, Diabetic Ulcer, Atrophe Blanche, Pitting Edema, Reticular and Telangiectasia Veins. This model can also be used as a teaching tool and practice leg for clinicians learning about/practicing compression wrapping. An Optional Display Stand is available which permits ‚Vinnie‘ to pivot from above the knee, providing a realistic experience in supporting the leg while practicing compression wrapping, dressing changes or identifying conditions.

Ref.no. R11020
Details:

Annie Arterial insufficiency leg



is a great tool for teaching, training, competency testing and skills assessment in the care of patients with this condition. The following conditions are represented on “Annie” Arterial Insufficiency Leg: Arterial Ulcers, Necrotic Toes, Eschar Heel, Charcot Foot, Diabetic Foot Ulcer, Cellulitis, Dystrophic Nail, Mottling, Callous and Heel Fissures. This model also includes a unique Arterial Doppler Sound module with individual buttons to activate the following doppler sounds: Monophasic, Biphasic, Triphasic and Venous. An Optional Display Stand is available which permits ‚Annie‘ to pivot from above the knee, providing a realistic experience in supporting the leg while practicing compression wrapping, dressing changes or identifying conditions.

Stand
for Vinnie
or Annie

Ref.no. R11021
Details:

Ref.no. R11020A
Details:

Wilma Wound foot



Moulded from a real foot for a true-life experience when assessing the various wounds. Twenty different conditions are presented so you can see and understand how they are different. Great care has been taken to colour each wound just as you would see it on a patient. Once the different etiologies are understood, you can discuss and devise treatment plans that will deliver optimized patient care. The following wounds and abnormalities are included: pressure ulcers, deep tissue injury, callus, amputated toe, gangrene, maceration, partial thickness wounds, corn, ingrown toenail, blister, hammer toes, and skin stapled wound. Comes with positioning base for “hands free” access to all the sites when applying dressings or teaching. Size: 32 x 20 x 9 cm.

Ref.no. R10227
Details:

Elderly pressure ulcer foot



Chronic foot ulcers affect elderly the most, we have designed the Elderly Pressure Ulcer Foot for instruction on care and cleaning of pressure ulcers in various stages. Pressure ulcers are more likely to appear over pressure points such as heels, tips of toes, between toes, or anywhere the bones may protrude and rub against socks, shoes, or bed sheets. This replica contains all four severity stages:

- ✓ Stage 1: Located on the bottom of the toe. Surface of the skin is red.
- ✓ Stage 2: Located on the bottom of the foot just under the toe. Surface of the skin is red and deeper into the skin layers.
- ✓ Stage 3: Located on the side of the foot. Surface of the skin is red, looks more like a crater, and reaches the bottom layer of the skin.
- ✓ Stage 4: Located on the heel of the foot. Surface of the skin is red. A great amount of tissue has been damaged, including muscle, bone, joints, and tendons.

Ref.no. R10228
Details:

Foot model with diabetic foot syndrome

This life-like and life-size foot model shows typical symptoms of the diabetic foot syndrome. Multiple ulcera and lesions are located at typical positions in different grades. Additional symptoms like cracked skin and a necrotic toe are also shown.

Ref.no. PW006
Details:

Version for nursing manikins:
Ref.no. PW006P
Details:









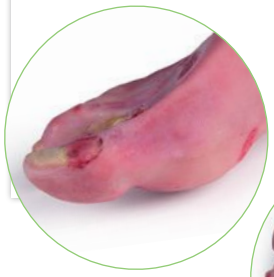
BEST SELLER

Foot model with diabetic foot syndrome, severe stage

This life-size foot model with diabetic foot syndrome shows a foot after a ray resection as a result of necrosis and deep ulcer. Additionally, the foot shows ulcera, lesions and cracked skin.

Ref.no. PW007
Details:

Version for nursing manikins:
Ref.no. PW007P
Details:









BEST SELLER





Unhealthy foot model

An unhealthy foot model to help teach the importance of proper foot care and nutrition to people with diabetes. This foot replica shows the distal end of the foot with an invasive wound on the bottom of foot and surface inflammation around the big toe and second toe. Life-size foot made of soft, lifelike material with flexible toes.

Ref.no. R10027
Details:



Common Foot Problems

An incredibly realistic, life-size, handpainted foot replica moulded from an actual human foot. Abnormalities include: bunion, callus, corn, inflamed toenail, open sore, and dry, cracked skin. Great for use when working with diabetic patients!

Ref.no. R10035
Details:

Advanced Foot Problems

An incredibly realistic, life-sized, hand-painted foot replica. This replica demonstrates advanced stages of a realistic, unhealthy foot with dry, cracked skin; a bunion; callus; corn; toenail fungus; a hammer toe; open pressure point sore; ingrown toenail; and gangrene. It will help in showing patients what sores will progress to if they do not take care of them. It also helps clients understand what the different common foot problems are.

Ref.no. R11102
Details:





Medical Foot Care Model

To keep good condition of the patients' feet makes a big difference in quality of life of patients and can be critical for people with particular diseases including diabetes. The model is designed to facilitate training in nail clipping, and trimming as well as smoothing away the corns and callosities of patients. The replaceable nails, corn and callosities set on the life size foot model provide excellent training opportunities with true-to-life feeling until the trainees build enough confidence to move on to actual patients. The foot model also helps to demonstrate anatomical landmarks, foot assessment procedures, foot massaging and other day-to-day treatment.

Ref.no. R16080
Details:

Ingrown Toenail Simulator (3-Pack)

SurgiReal's Ingrown Toenail Simulator was created to eliminate the need to use inadequate and unrealistic substitutes for training wedge resection and nail evulsion procedures. Included in this small, but impressive, model is a simulated bone structure designed with internal cavities to perform digital nerve blocks. The nail is "ingrown" on both sides, giving the ability to practice the procedure more than once. This model captures the form and landmarks of a human toe and presents the most common form of Onychocryptosis (ingrown toenail).



Ref.no. SRE0700
Details:



Diabetic injection model kit

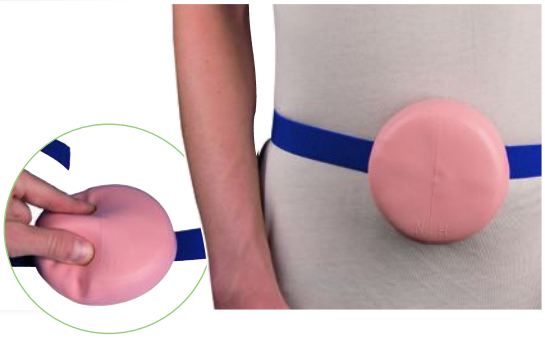
Made from realistic material, these teaching models facilitate technique practice on both an injection “skin” and a finger stick apparatus. The skin model may be strapped to the user’s arm or leg to simulate a needle injection site, and the finger stick model may be held by the attached grip for lancet practice. Both can be punctured repeatedly. Replacement available. Comes with carrying case.

Ref.no. R10066
Details:

Diabetic injection pad, advanced version

Unlike other injection pads this advanced pad gives the opportunity to practice with a normal and a hardened abdominal wall. It allows the student to form a realistic fold for injection. Due to special material it gives a lifelike impression of touch and feel, almost like in a real patient. The model is perforation proof and can be attached to the students’ body using a flexible band.

Ref.no. 7070
Details:





Diabetic injection pad

This pad that looks and feels like real human skin is ideal for diabetic instruction and injection practice. May be worn in specific body locations to allow patients to inject fluids into the pad to practice giving themselves injections. Pad is thick enough to accept all insulin needles. For safety purposes the oval pad has a hard plastic backing to prevent the needle from pocking through.

Ref.no. R10010
Details:

Injection belly

This stomach replica will be an invaluable tool for teaching patients how to properly insert and rotate the infusion set for insulin pumps, avoiding the 5 cm area around the navel, as well as giving self-injections of many types including pen-style injections. The trainer has lifelike skin and a soft plastic backing to keep needles from going through and holes to allow the material to breathe and dry, should you choose to inject liquids. Distilled water may be injected, but the more liquid that is injected into the simulator, the longer the time for evaporation. The injection belly is considered disposable; however, with proper care and treatment it will serve its purpose for a long period of time.



Ref.no. R11100
Details:



Advanced injection Belly

This stomach replica is an invaluable tool for showing how to properly insert and rotate the infusion set for insulin pumps, avoiding the 5 cm area around the navel, as well as giving many types of self-injections (including pen-style injections). Similar to the Injection Belly, but made of a material that creates a more realistic experience. The trainer has lifelike skin with the ability to pinch the skin. Backing keeps needles from going through. Adjustable straps allow the stomach to be attached to a manikin or human patient for simulation practice. The soft material can be punctured repeatedly without showing holes. Liquid injection is not recommended.

Ref.no. R11101
Details:



Advanced Oral Care Simulator

The life-like oral cavity and the denture with tooth disease provide oral care training which is close to the clinical practice.

Features:

- ✓ The Advanced Oral Care Simulator has an anatomically correct oral cavity, trachea, esophagus and replacement dentures.
- ✓ Denture with tooth diseases provides training in assessment and care of the oral cavity.
- ✓ The patient conditions and positions can be set easily.
- ✓ This simulator allows for training in realistic oral cleaning procedure using simulated residue.
- ✓ This simulator allows training using water, and also training of suction.

Training Skills:

- ✓ Care of gingiva
- ✓ Brushing of teeth
- ✓ Removal of coat on tongue
- ✓ Care for moist retention
- ✓ Replacement and maintenance of the denture
- ✓ Understanding of airway suction

Ref.no. R16229
Details:

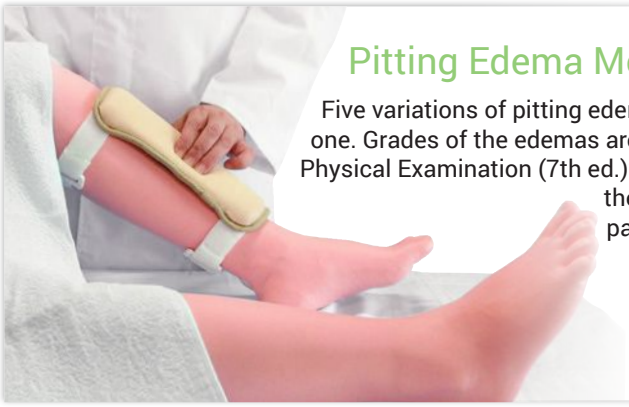
Nasopharyngeal swab collection simulator

NEW PRODUCT

This training model allows teaching and training in correct swab collection in the area of nose and throat. The training model offers two different anatomy shapes in the left and right nose as well as a colour feedback system if the correct spot for the swab inside the nose is hit. The model can also be used to learn how to use a tongue depressor in combination with the swab. The product is supplied with a cross section of the head and neck for proper teaching and better explanation of the technique.



Ref.no. R16030
Details:



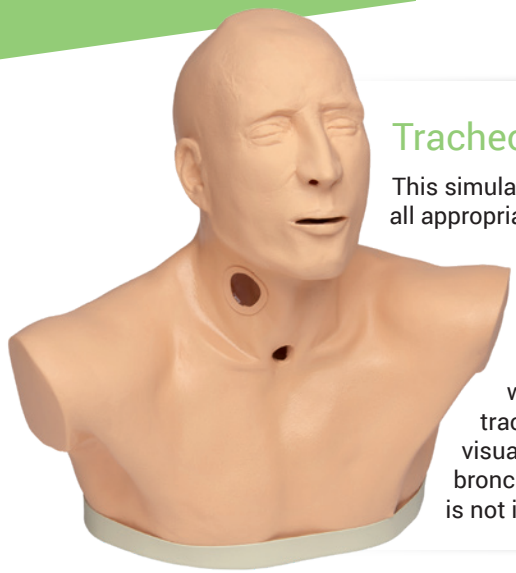
Pitting Edema Model

Five variations of pitting edema models including a healthy one. Grades of the edemas are based on “Mosby’s Guide to Physical Examination (7th ed.)”. The model can be worn on the lower thighs of a simulation patient or a nursing doll.



- ✓ Differentiation of pitting edemas with four different grades and a healthy one
- ✓ Learning the examination procedures for edemas on the lower thighs

Ref.no. R16070
Details:



Tracheotomy Care Simulator

This simulator replicates an adult male containing oral and nasal passages and all appropriate anatomy such as pharynx, epiglottis, trachea, oesophagus, stoma, cricoid cartilage, representative cervical vertebrae, left and right bronchi and the bronchial tree. The oesophagus dead ends 5 cm below the tracheal opening. A perfect aid to practice oral, nasopharyngeal, nasotracheal and tracheal suctioning, proper cuff ination, as well as cleaning of the stoma area and changing dressings or ties. A viewing window in the neck allows observation of the suction and trachea tube. From the bottom of the simulator one can visually verify the location of a suction catheter in the right bronchus (seen) or left bronchus (unseen). Tracheotomy tube is not included. Delivered with cleaner and carrying case.

Ref.no. R11083
Details:

NG Tube & Trach Skills Simulator

The NG Tube & Trach Skills Simulator has been developed to aid with the instruction, training, and practice of vital tracheostomy skills and care for patients with respiratory conditions. The simulator is also designed for instruction of gastrointestinal care procedures through nasal and oral access. With a newly designed head and torso, this simulator features realistic landmarks, trachea, esophagus, lungs, and stomach. For exceptional realism, methyl cellulose can be mixed with water to simulate mucouslike fluids of a real patient. Fluid can be added to the lungs and stomach for realistic tracheostomy care and suctioning. The simulator also allows for the practice of dressing changes and cuff ination. Other realistic procedures include: NG tube care, including insertion, irrigation, and removal; gastric lavage and gavage; feeding tube insertion and removal with the ability to practice feeding; nasoenteric and esophageal tube care; oropharyngeal and nasopharyngeal care; and tracheostomy tube care Intubation using a laryngoscope blade and size 6.0 ET tube may also be practiced. The



simulator is designed to use size 6 tracheostomy tube and a size 6 NG tube. Spray-pump lubricant, a packet of methyl cellulose, instruction manual, and hard carry case are included. The simulator does not include tracheostomy ET, or NG tube. Size: 26 x 41 x 69 cm.

Ref.no. R11006
Details:



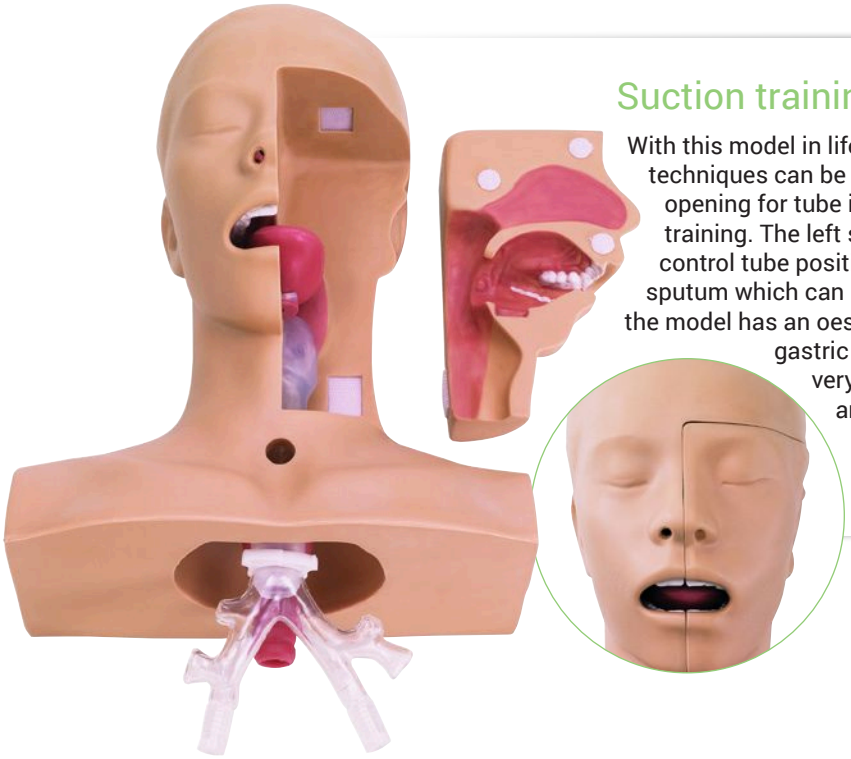
Airway Suction Trainer

This lifelike reproduction of the human respiratory organs is designed for temporary airway suction and catheter insertion practice. It is a very effective tool with life-like tactile qualities for training in airway suction.

Features:

- ✓ Realistic anatomy including the mouth, tongue, oral and nasal pharynx, epiglottis, trachea and esophagus.
- ✓ Catheterization pathways include oral, nasal or through the tracheostomy opening.
- ✓ Life-like organs facilitate learning proper catheter insertion length.
- ✓ The side window allows the passage of the catheter to be observed.
- ✓ Realistically simulated sputum sticks to the airway.

Ref.no. R16662
Details:



Suction training model

BEST SELLER

With this model in life size nasal and oral suctioning techniques can be practiced. The model has a tracheal opening for tube insertion and intrabronchial suction training. The left side of the face can be removed to control tube position. The model comes with artificial sputum which can be removed realistically. Additionally the model has an oesophagus and allows placement of gastric feeding probes. The model is also very good for teaching the anatomy. Supplied with transport bag.

Ref.no. LM97
Details:

Suction/Tube feeding simulator

This model can be used to practice the insertion of suction catheters into the nasal cavity, oral cavity and tracheostomy site, as well as suction procedures, nasogastric tube feeding, and gastrostomy care procedures, routinely applied in the nursing and care giving fields.

Product Features:

- ✓ Insertion of the feeding tube all the way to the gastic fundus can be practiced
- ✓ The tube feeding components come with an internal tank, allowing naso-gastric tube feeding and gastrostomy management using actual liquid
- ✓ Air bubble sounds can be heard and suction of gastric fluid can be used to confirm the insertion of the tube
- ✓ The tank has a drainage function
- ✓ The model can be taken apart for easy maintenance
- ✓ The liquid tanks can be flushed

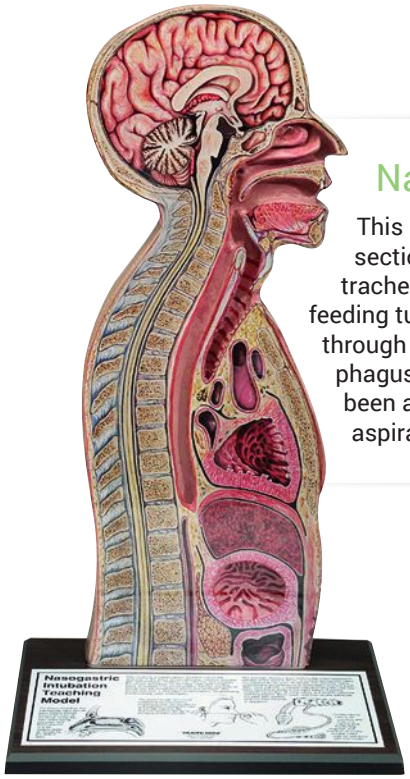
Comes in carry bag.

Ref.no. LM97B
Details:

Tube feeding component for upgrading an existing LM97

Ref.no. LM97C
Details:



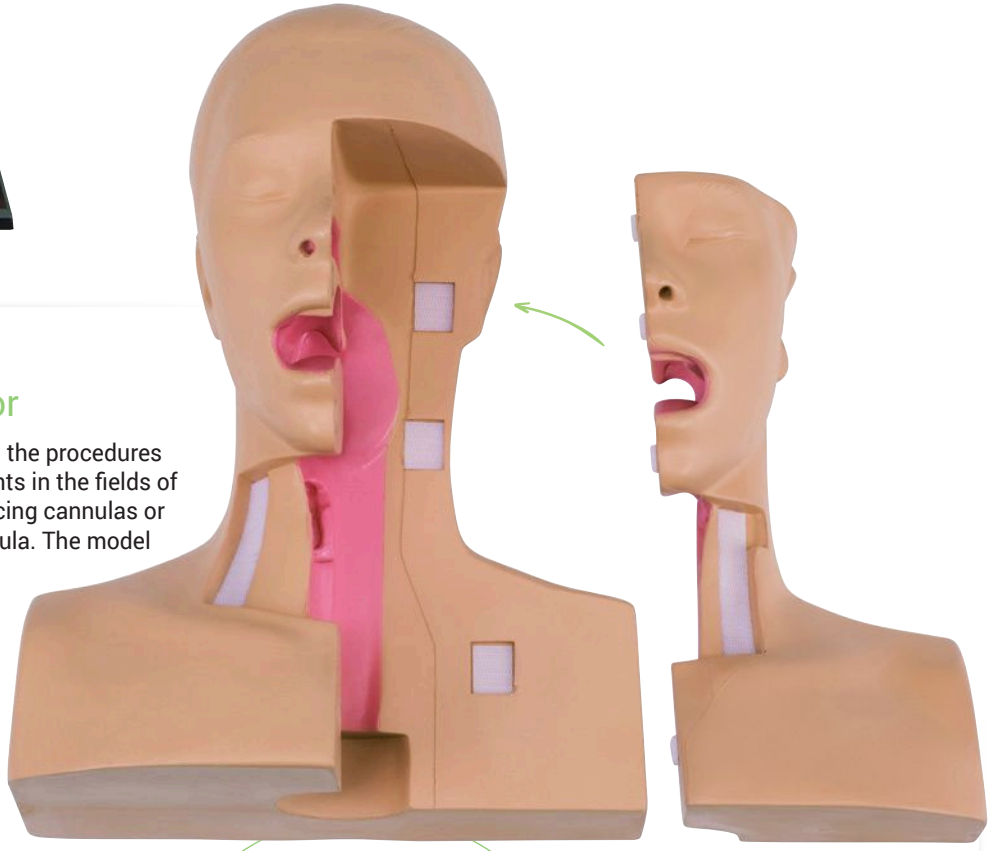


Nasogastric Intubation Model

This instructional model shows a median section through nose, mouth, pharynx, trachea, oesophagus and stomach. Plastic feeding tubes or catheters may be passed through the nose or mouth into the oesophagus and stomach. A tracheostoma has been added to demonstrate endotracheal aspiration. Size: 58.5 x 30.5 x 8 cm.

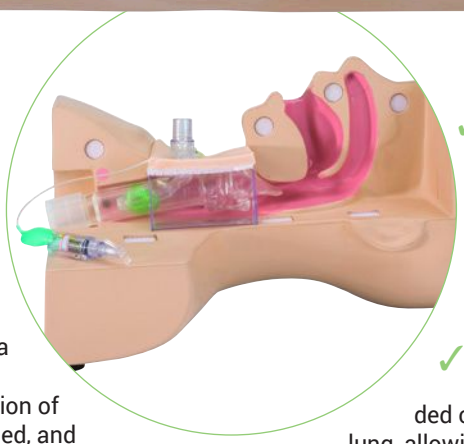


Ref.no. R10115
Details:



Tracheostomy management simulator

This model can be used to practice the procedures carried out for tracheostomy patients in the fields of nursing and caregiving when replacing cannulas or performing suction through a cannula. The model can be divided into two halves and the trachea section is transparent, allowing confirmation of the state of cannula insertion and the position of the suction catheter in the cannula during suction. In addition, with the specially provided cannula attached, a ventilator can be operated by connection a test lung (simulated lung) to the model.



Features:

- ✓ Allows the user to practice the procedures for replacing cannulas.
- ✓ As the trachea section is transparent, the state of inflation of the cuff can be observed, and by using the specially provided cannula, the approximate optimum pressure can be confirmed. (Because the posterior wall of the trachea is soft, the user can feel the compression of the trachea that results when the cuff is overinflated.)
- ✓ The transparent trachea facilitates explanation of how the suction catheter should be positioned, and of how to perform suction using the upper part of the cuff. (The above mentioned practicing of suction procedures can be performed using the simulated sputum.)
- ✓ The soft neck surface skin allows the user to feel the thyroid cartilage through the surface skin.
- ✓ The detachable trachea section facilitates explanation of the areas where granulation tends to develop.
- ✓ A ventilator can be operated by attaching the specially provided cannula and connecting a test lung, allowing confirmation of the alarm tone generated when air leakage occurs.

Ref.no. LM106
Details:

Simulation breast plate for tracheotomy care

This throat-plate is designed to be worn like a necklace (attached behind the neck). Its main purpose is to pratice exercises about handling and cleaning a tracheotomy tube, whether for medical professionals (nurses, care assistant...) or for the patients' close relatives. Supplied without tube. Note: This model is not designed for practicing surgery.

Ref.no. R66510
Details:

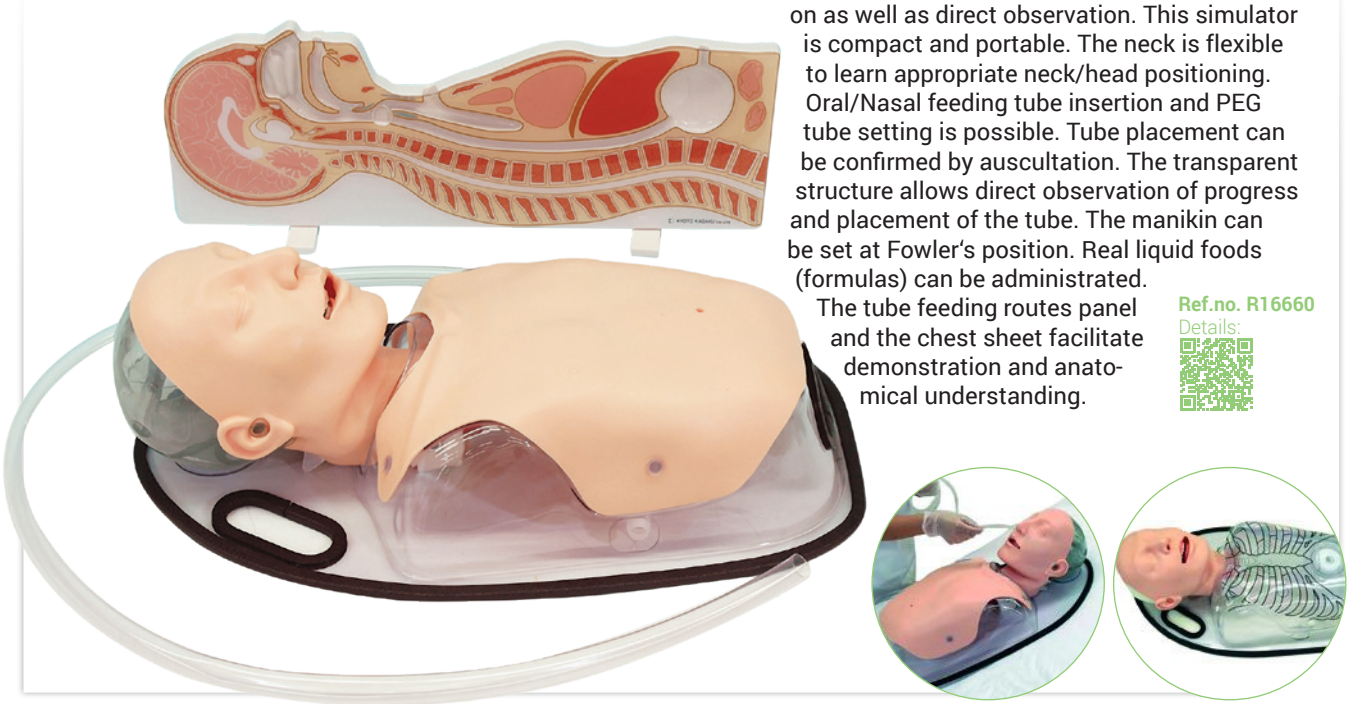


Tube Feeding Simulator NG, OG and PEG

The Tube Feeding Simulator is an effective training tool for caregivers of patients with enteral tube nutrition as well as medical professionals. The manikin has three routes for EN tubes and allows training with real liquid foods. To facilitate anatomical understanding, the feeding routes panel for demonstration and the chest anatomy to overlay the manikin come with the set. The placement of the tubes can be confirmed by auscultation as well as direct observation. This simulator is compact and portable. The neck is flexible to learn appropriate neck/head positioning. Oral/Nasal feeding tube insertion and PEG tube setting is possible. Tube placement can be confirmed by auscultation. The transparent structure allows direct observation of progress and placement of the tube. The manikin can be set at Fowler's position. Real liquid foods (formulas) can be administrated.

The tube feeding routes panel and the chest sheet facilitate demonstration and anatomical understanding.

Ref.no. R16660
Details:





PAT Professional Adipositas Trainer

With this new kind of suit students understand the perniciousness and painfulness of daily life with overweight and adipositas playful and easy. Our professional „Fatsuit“ represents this condition impressive and effective. This new acquired prospect supports the appreciation for the situation as well as points out the special needs of overweighed people. The field of application for the Professional adipositas trainer PAT is almost unlimited. It supports you in your work with overweighed people, can be used for prevention programs and graphically displays the effects of being overweighed on the students own body.



PAT offers you:

- ✓ Gaining body weight within seconds. Adjustable in steps of 230 g, gradable up to max. 30 kg additional weight (which is an extreme experience since there is no slow increase)
- ✓ Gaining body volume, especially at preferred localizations like breast, belly, buttocks, thighs and upper arms

The standard supply of PAT Professional Adipositas Trainer consists of:

- ✓ Weighted vest with variable weight. Standard comes with a total weight of 9 kg, can be extended to maximum 18 kg
- ✓ Weighted trousers with variable weight. Standard comes with a total weight 4,5 kg, can be extended to maximum 9 kg.
- ✓ Rugged trolley bag for transport and storage (volume suit is stored outside)
- ✓ Weight of vest will fit trousers and opposite.
- ✓ Volume suit (Unisex), washable, including outer wear.
- ✓ Instructions for use

BEST SELLER

unisex	male	female
Ref.no. 8001	Ref.no. 8001M	Ref.no. 8001W
Details:	Details:	Details:



PAT Junior – Child Adipositas Trainer

Kids and Teenagers should experience the effects of adipositas and the limitations caused by too much body weight. With this experience they can be sensitized for healthy nutrition as well as develop empathy for adipose people. A perfect tool for nutrition education or social training. PAT Junior consists of a weighted vest with about 5kg as well as a volume suit for a body size of 125 to 160cm and a maximum waist of 100cm. The size can be adjusted by elastic straps on the back of the suit.





Ref.no. 8003
Details:

NEW PRODUCT

EASi Empathic Age Simulator

BEST SELLER

This simulator was developed as a result of a long term research about age simulation. This suit imparts the main effects of aging, enabling you to change your point of view to reach your educational goals. EASI will help you if you work with aged people and you want to understand their view of the world around them. Or if you want to understand the needs of your aged customers and consider them in your business.

It provides:

- ✓ Increased gravity experience because of reduced muscle strength because of aging (physiological after an age of 30)
- ✓ Changes in sense recognition especially in the fields of vision and hearing as well as ability in grasping and walking
- ✓ Progressive limitation of movement especially in the area of spine as well as shoulder and hip area

The EASI Empathic Age Simulator consists of:

- ✓ A visor with exchangeable simulation foils (cataract, glaucoma and ARMD). Foils can be exchanged quick and easy by magnetic system.
- ✓ Weighted vest and shorts, adjustable to size and grade of handicap.
- ✓ Weighted shoes and gloves, size adjustable
- ✓ Modular rubber connections between head and trunk as well as arms and trunk. Adjustable to grade of handicap.
- ✓ Rugged trolley bag for transport and storage
- ✓ Instructions for use of the simulator
- ✓ Hemiparesis – module under development, will be available as an option soon.



Ref.no. 8002
Details:

Age simulation Set

This unique set gives the opportunity to experience the inconvenience caused by aging. Joint restrictors, weights, fixators, ear plugs and goggles limit the abilities of the trainee in a way, that physical limitations of older people can be experienced very realistic. This impressive demonstration should be used in any medical education. It makes the students understand the problems of older patients and react appropriate.

Ref.no. LM60
Details:





Ear plugs (50 pairs)
The ear plugs block high frequency sounds, which makes the trainee experience presbyacusis

Back protector
This protector restricts the posture of the trainee to force him/her to adopt a bent position specific to aging.

Restrictors for the elbows (left + right)
These restrictors limit the motion of the elbow joints to make the trainee experience sluggish arms.

Weight for the wrists (left + right)
These weights are loaded to the wrists to make the trainee experience the loss of the arm muscle strength

Restrictors for the knee joints (left + right)
These restrictors limit the motion of the knee joint to make the trainee experience sluggish legs.

Ankle weights (left + right)
These weights are loaded to the ankles to make the trainee experience the loss of leg muscle strength

Gloves (left + right)
These gloves make the trainee feel loss of touch to the hands and fingers.

Finger restrictors (left + right)
These restrictors limit the movement of the finger joints, which makes the trainee clumsy.

Walking stick
Gives the experience how to support yourself with the stick.

XL-Version

for people over 175 cm height or bigger body shape

Ref.no. LM102 (not pictured)
Details:

These Googles make the trainee experience the changes in visual function such as the loss of the peripheral vision and the changes in visual function due to cataract.



AgeMan®

AgeMan® Premium Package Contents:

- ✓ Two-part suit containing weights for simulation of loss of strength at anatomical important positions
- ✓ Weighted vest 10 kg: Simulation of decreasing strength
- ✓ Special visor: limitation of field of vision, changing color vision and presbyopia.
- ✓ Goggles: enlarged possibilities of simulation
- ✓ Hearing absorber 60 plus: Simulation of hearing impairment, age related problems in understanding speech.
- ✓ Cervical bandage: reduced mobility in all three planes
- ✓ Joint bandages: reduced flexion of joints (available in XXL)
- ✓ Lumbar bandage: limitation in banding and stooping
- ✓ Gloves: Limitation in mobility of hand and finger joints.
- ✓ Cotton-gloves: decreasing sensibility of skin and reduced dexterity.

Ref.no. AMP01
Details:



Adjustable for body size from 1,60 m to 1,90 m (available in XXL)

AgeMan® Basic Package Contents:

- ✓ Weighted vest 10 kg: Simulation of decreasing strength
- ✓ Special visor: limitation of field of vision, changing color vision and presbyopia.
- ✓ Hearing absorber 60 plus: Simulation of hearing impairment, age related problems in understanding speech.
- ✓ Cervical bandage: reduced mobility in all three planes
- ✓ Joint weights: Simulation of decreasing strength
- ✓ Joint bandages: reduced flexion of joints
- ✓ Gloves: Limitation in mobility of hand and finger joints.
- ✓ Cotton-gloves: decreasing sensibility of skin and reduced dexterity.

Ref.no. AMB01
Details:



The perfect solution for age simulation for users who want to be mobile

AgeMan® Compact Package Contents:

- ✓ Weighted vest 8 kg: Simulation of decreasing strength
- ✓ Glasses: changing color vision and presbyopia.
- ✓ Hearing absorber 50 plus: middle reduction of hearing based on scientific data.
- ✓ Cervical bandage: reduced mobility in all three planes
- ✓ Joint weights: Simulation of decreasing strength
- ✓ Joint bandages: reduced flexion of joints
- ✓ Gloves: reduced dexterity.

Ref.no. AMC01
Details:



Tremor Explorer: Creates a frequency adjustable tremor (fine to mid-range, no Parkinson tremor)

Single (right)
Ref.no. AMT01
Details:

Duo (right an left)
Ref.no. AMT02
Details:



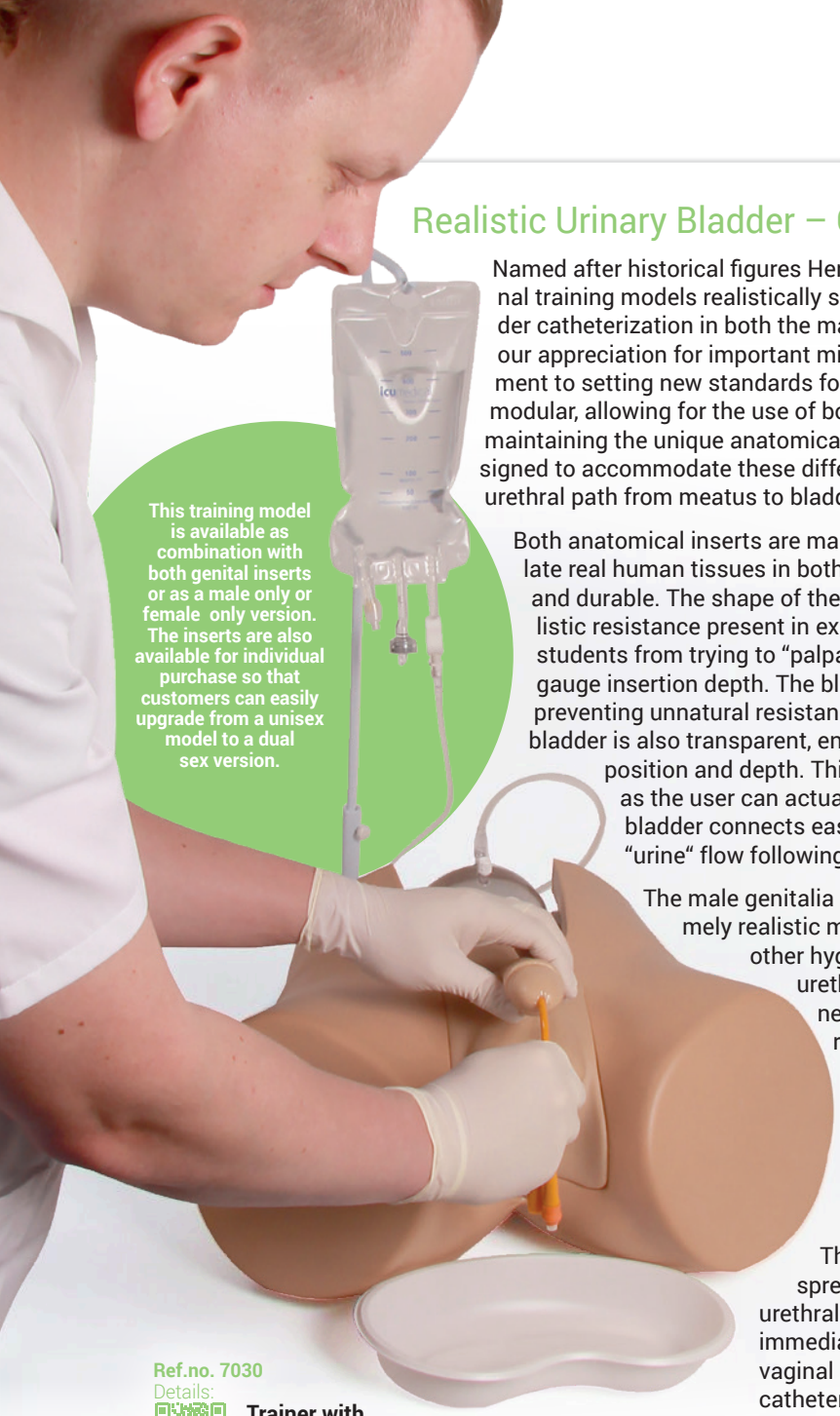
Aging Glasses: 6 glasses for experiencing age and disease related vision limitations. The glasses show AMD, glaucoma, hemianopsia, Cataract, presbyopia and retinopathy.

Ref.no. AMA01
Details:



Hemiparesis Explorer: Includes leg splint, elbow explorer, earplugs, glasses for hemianopsia and ankle weight.

Ref.no. AMH01
Details:



BEST SELLER

Realistic Urinary Bladder – Catheterization – Training models

Named after historical figures Henri Dunant and Florence Nightingale, our professional training models realistically simulate and educate on proper transurethral bladder catheterization in both the male and female human. Their namesake represents our appreciation for important milestones in medical innovation and our commitment to setting new standards for patient care education. The pelvic housing is modular, allowing for the use of both male and female genital inserts while strictly maintaining the unique anatomical position of each. The innovative bladder is designed to accommodate these different anatomies and guarantee an uninterrupted urethral path from meatus to bladder neck.

This training model is available as combination with both genital inserts or as a male only or female only version. The inserts are also available for individual purchase so that customers can easily upgrade from a unisex model to a dual sex version.

Both anatomical inserts are made with high quality materials that closely simulate real human tissues in both appearance and feel while also remaining strong and durable. The shape of the bladder is specially designed to avoid the unrealistic resistance present in existing catheterization trainers. This helps prevent students from trying to “palpate” the back of the bladder as a way to correctly gauge insertion depth. The bladder also utilizes a new innovative type of valve, preventing unnatural resistance when the catheter enters the bladder. The bladder is also transparent, enabling the student the option to see the catheter’s position and depth. This provides excellent training on foley catheters as the user can actually watch the balloon inflate and be seated. The bladder connects easily to a provided fluid bag which provides natural “urine“ flow following successful catheterization.

The male genitalia insert includes a replaceable foreskin, with extremely realistic mobility, to allow training of retraction, handling and other hygiene procedures. The model has the most realistic urethra of all currently available catheterization trainers in the market. All four zones of the urethra are represented with corresponding anatomical shape and resistance during catheterization. Also included is a strap which, when attached will simulate narrowing of the prostate due to BPH or prostate cancer. This module is an excellent to teach and show students exactly why the use of larger or more rigid catheter is critical in this situation.

The female genitalia insert is designed to require spreading the flexible labia in order to locate the urethral meatus. The female urethral opening is not immediately obvious and is located very close to the open vaginal canal highlighting the potential for unsuccessful catheterization. The urethra provides a realistic amount of resistance and feels life-like during catheter insertion.

Ref.no. 7030
Details:

Trainer with male genital insert „Henri“ and female genital insert „Florence“.

Henri

Trainer with male genital insert

Ref.no. 7040
Details:

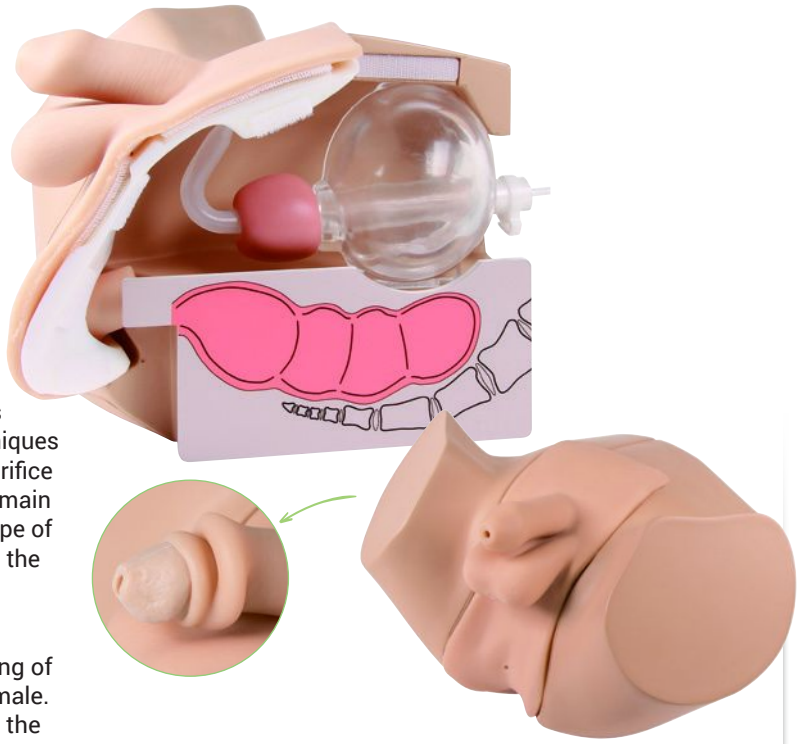


Florence

Trainer with female genital insert

Ref.no. 7050
Details:





Catheterization and Enema Simulator

The simulator imitates the special shape of the urethral canal of a male patient. A urinary bladder catheter is inserted according to a suitable technique to reach the bladder. Reaching the bladder causes urine (water) to flow out. The feel of the penis is closely similar to that of a real human penis. Techniques such as disinfecting of surroundings of the urethral orifice and cleaning of the pubic area can be practiced. The main body can be separated at median line so that the shape of the urethra, the insertion position of the catheter, and the anatomical positional relationship can be studied.

Features:

- ✓ The simulator is of actual size allowing the training of catheterization and glycerin enema for an adult male.
- ✓ Since soft and stretchable materials are used for the pubic area, the appearance and the feel are realistic when practicing.
- ✓ All techniques of catheterization, such as disinfecting of the pubic area, inserting, fixing, and removing the catheter, can be practiced.
- ✓ The simulator is shaped to imitate correct manipulation of the penis to allow passage through the urethra.
- ✓ Inserting the catheter will be difficult if the position of penis is not correct during insertion.
- ✓ Techniques, such as pulling back the foreskin, disinfecting and cleaning, can be performed.
- ✓ The movability of the penis is also close to that of a real human penis.
- ✓ This allows practicing to fix the penis.
- ✓ The main body can be separated, and the urethral canal and bladder are transparent. This allows instruction of checking the insertion state of the catheter into the urethral canal and the balloon in the bladder.
- ✓ By exchanging the prostate, the urethral stricture due to hypertrophy can be reproduced.
- ✓ The attached tool exclusive to a glycerin enema can be inserted through the anus to the rectum. This allows practicing a glycerin enema.

Ref.no. LM109
Details:



Catheterisation model

What sets this model apart is its unparalleled realism in depicting the natural circumstances. The special plastic conveys to the user a realistic and lifelike feeling when inserting and removing the catheter. The urethra is designed to permit practicing catheterisation under real-life clinical conditions with normal catheters. A reservoir filled with fluid can be used to fill the simulated bladder, so that "urine" flows through the catheter once catheterisation has occurred. The anus is also equipped with a drain, making it possible to practice administering colonic irrigation with fluid. The external genitals are a natural casting in soft material, meaning the model is also suitable for practicing examinations and washing. Lower torso made of rigid plastic.

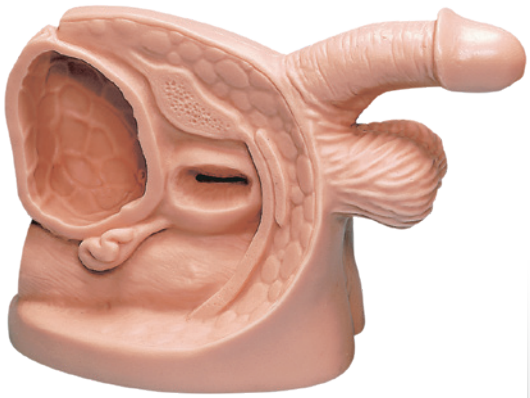
Ref.no. LM61
Details:



Catheterisation model

Model like LM61, but to strap on on a manikin or person.

Ref.no. LM25
Details:



Catheterisation model ♂

Use this realistic catheterization model to practice the proper insertion of a lubricated catheter. May also be used for teaching anatomy and sterile cleansing techniques before, during, and after insertion. Male catheter model anatomy includes rectum, seminal vesicle, bladder, pelvic bone, prostate, urethral sphincter muscle, urethral meatus, glans, scrotum, pelvic diaphragm, and anus. Model uses any catheter size 16 FR or smaller. Model includes instructions with anatomy diagram, and a storage box.

Ref.no. R11002
Details:



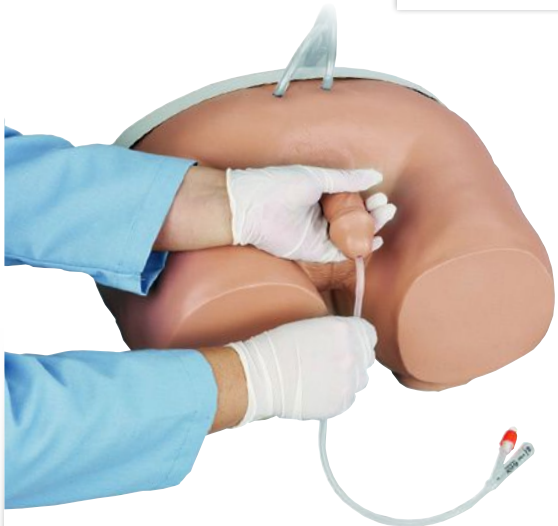
Catheterisation model ♀

Use this realistic catheterization model to practice the proper insertion of a lubricated catheter. May also be used for teaching anatomy and sterile cleansing techniques before, during, and after insertion. Anatomy includes rectum, uterus, bladder, pelvic bone, urethral sphincter muscle, clitoris, urethral meatus, labium minora, vagina, labium majora, pelvic diaphragm, and anus. Model uses any catheter size 16 FR or smaller. Model includes instructions with anatomy diagram, and a storage box.

Ref.no. R11003
Details:

Male & female
Catheterisation Model Set.
Both models (R11002 + R11003) in an economic priced set.

Ref.no. R11004
Details:



Catheterisation Simulator ♂

This simulator consists of a male abdomen and allows you to feel the pressure and resistance caused by the mucosal folds, bulbous urethra and the internal urethral sphincter, just prior to the entrance into the bladder. When the catheter enters the bladder, artificial urine (water) will flow through the catheter. Proper positioning and movement of the penis during the catheterisation can be easily practiced. Delivered with catheter, lubricant and transport case.

Ref.no. R10855
Details:



Catheterisation Simulator ♀

This simulator consists of a female abdomen and allows you to feel the pressure and resistance when a catheter is passed through the urethra and sphincter into the bladder. When the catheter enters the bladder, artificial urine (water) will flow through the catheter. Realistically moulded external genitalia and perineum, labia minora, clitoris, urethral opening and vaginal introitus. Delivered with catheter, lubricant, carrying case.

Ref.no. R10856
Details:

Catheterization Trainer with suprapubic access



This new catheter training model comes with exchangeable male and female genitals. The male genital has a functional foreskin. Addresses training requirements for Nurse educators, Universities, Community colleges, Simulation lab coordinators, other nursing or continuing education personnel. Suitable for long-term care facilities and emergency room training.

Features:

- ✓ Easily configurable between male or female.
- ✓ Suprapubic catheterization training.
- ✓ Replaceable and serviceable parts.
- ✓ Easy to clean and maintain.
- ✓ Rectal suppository and enema training.
- ✓ Disposable bladder works across all applications.

Delivery: Comes with 3 replaceable foreskins, 3 replaceable suprapubic skins and 3 replaceable bladders.

Ref.no. R10858
Details:





Infant Catheterisation Trainer

Male and female. This Catheterization Trainer is an inexpensive 2-in-1 trainer that provides realistic practice of this difficult skills procedure.

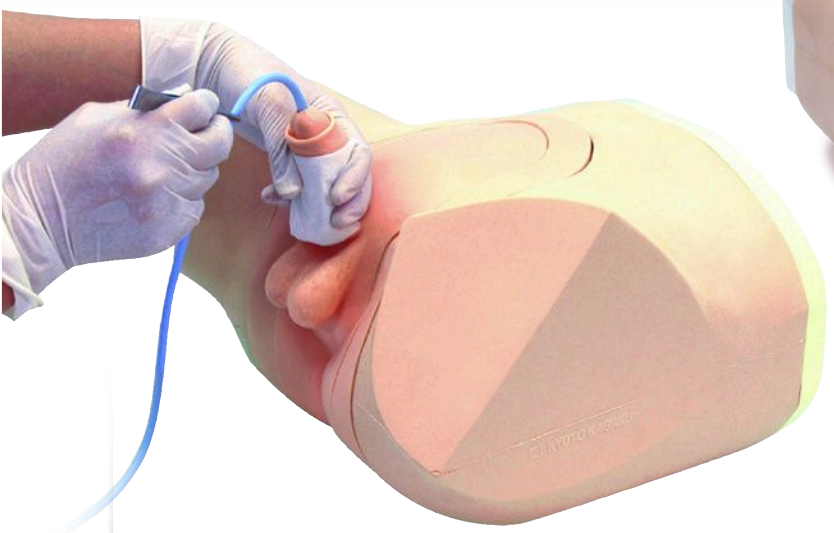
Its repertoire:

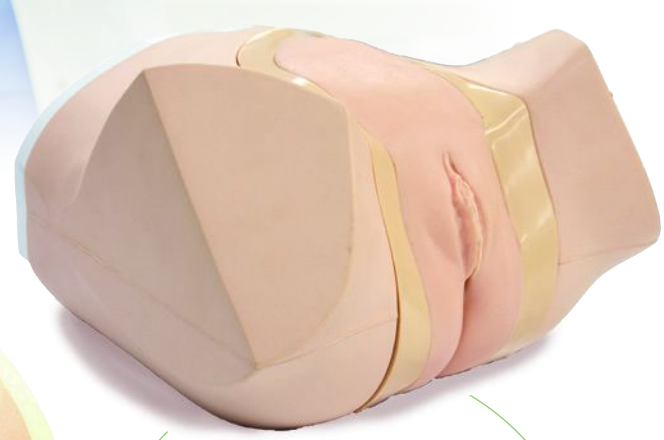
- ✓ Practice insertion, position, catheter balloon ination and deflation
- ✓ Feel resistance and pressure as with a real patient
- ✓ Urine ows when catheter is in proper position
- ✓ Practice both male and female infant catheterization training
- ✓ Anatomically realistic with both male and female genitals
- ✓ Genitals made of soft, lifelike material
- ✓ Replaceable male and female genitals
- ✓ Lower half of infant only

Package Contents: infant manikin, one male and one female genital insert, 2 oz. lubricant, infant Foley catheter, and instruction manual.

Ref.no. R10857
Details:









Catheterization/Enema Simulator

Basic high quality trainings in male or female: urethral catheterization, perineal care and enema. Soft and anatomically correct genitals and realistic feeling of catheter insertion. Organ unit can be used independently without the lumbar torso, allowing training with simulated patients or full body manikins in clinical settings. The newly devised modular system realize easy set-up, cleaning and maintenance, saving time and cost for training providers.

The model can be used for training of:

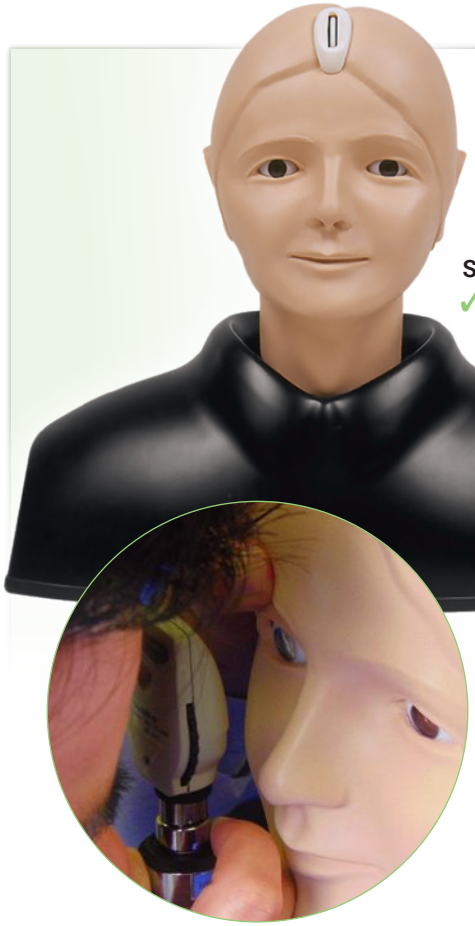
- ✓ Intermittent catheterization
- ✓ Perineal care
- ✓ Location of urethral meatus
- ✓ Indwelling catheterization
- ✓ Enema
- ✓ Cleansing
- ✓ Catheter insertion and placement
- ✓ Withdrawal of catheter
- ✓ Manual bladder compression

Features: Soft genitals allows realistic cleansing and procedures like

- ✓ parting the labia
- ✓ holding the penis perpendicular to body
- ✓ retracting the foreskin
- ✓ Successful catheter insertion is confirmed by urine (water) outflow.
- ✓ Manual bladder compression is possible.
- ✓ Enema training in lateral position.

Male version
Ref.no. R16630
Details:

Female version
Ref.no. R16645
Details:



Eye examination trainer

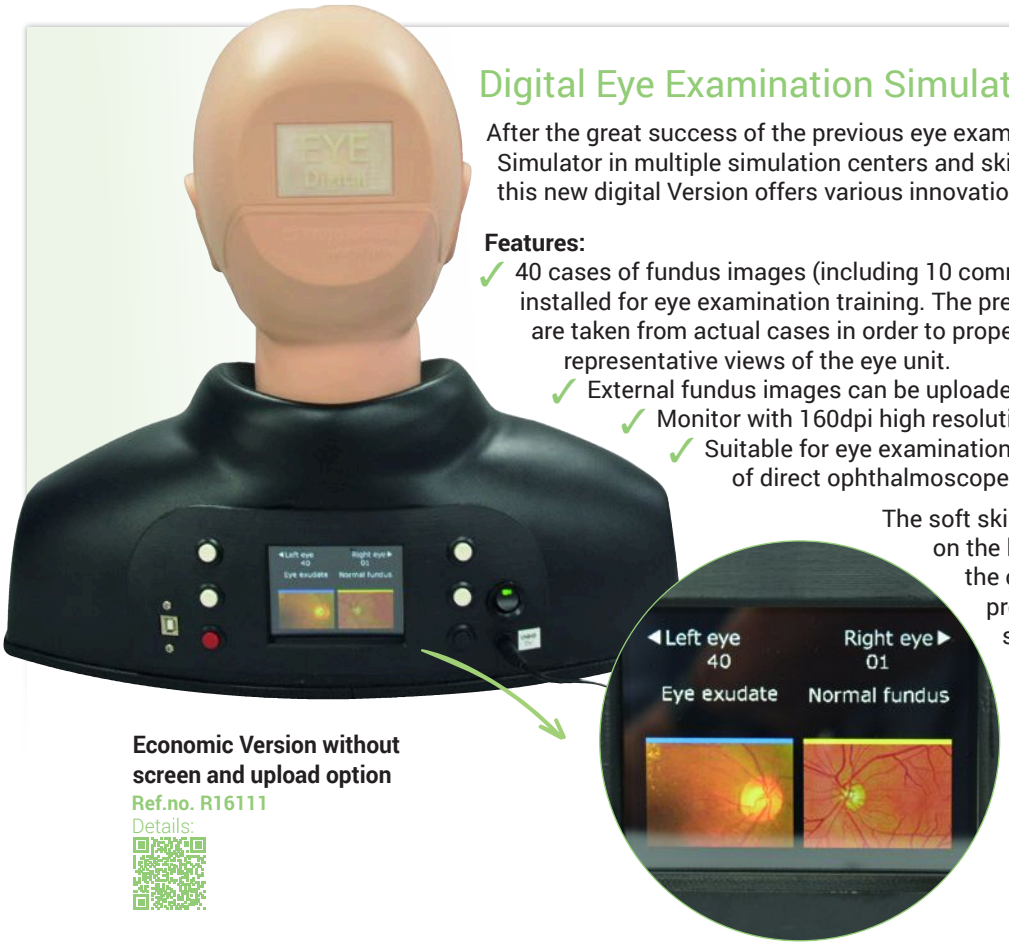
This simulator is an innovative teaching aid for fundus examination. By combination of slides, depth and pupil diameter 90 patient cases can be simulated.

Supplied slides include:

- ✓ Normal eye-ground
- ✓ Hypertensive retinopathy: arteriolar vasoconstriction grade 3, arteriolosclerosis grade 1, hemorrhages and cotton wool spot, simple vein concealment.
- ✓ Simple/background diabetic retinopathy: microaneurysms, hemorrhages & hard exudates
- ✓ Papilloedema (chronic phase)
- ✓ Papilloedema (acute phase)
- ✓ Glaucomatous optic atrophy: glaucomatous optic disc cupping & nerve fiber bundle defect
- ✓ Retinal vein occlusion (acute phase): flame-shaped hemorrhage & cotton wool spots
- ✓ Retinal vein occlusion (after retinal laser photo-coagulation)
- ✓ Toxoplasmosis: retinochoroiditis
- ✓ Age-related macular degeneration: macular exudates & subretinal hemorrhage.

The model is supplied completely with slide rack and slide duster. An ophthalmoscope is not supplied with the model.

Ref.no. R16100
Details:



Digital Eye Examination Simulator

After the great success of the previous eye examination Simulator in multiple simulation centers and skills labs, this new digital Version offers various innovations.

Features:

- ✓ 40 cases of fundus images (including 10 common diseases) are pre-installed for eye examination training. The pre-programmed fundus images are taken from actual cases in order to properly reproduce appropriate representative views of the eye unit.
- ✓ External fundus images can be uploaded into the simulator via USB.
- ✓ Monitor with 160dpi high resolution.
- ✓ Suitable for eye examination training with all types of direct ophthalmoscopes.

The soft skin manikin has a display on the back that allows to change the cases for each eye by simply pressing a button. The pupil size can be adjusted.

Ref.no. R16110
Details:

Economic Version without screen and upload option
Ref.no. R16111
Details:



Ear examination Simulator

This simulator is perfect for training the examination of the external acoustic meatus and tympanic membrane. It is designed for training in distinguishing cases and also practicing earwax and foreign body removal. The simulator has a sensor, that recognized painful insertion of the otoscope. This can be displayed either with a sound or a light indicator. The light indicator is meant to be used in a test situation and is not visible for the student. The simulator comes with two sizes of auditory canals and 9 cases that can be switched easily.

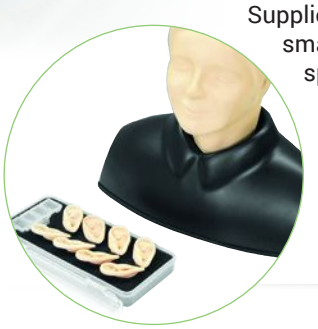
The following cases are included:

- ✓ Normal
- ✓ Serous otitis media; SOM
- ✓ Mucoid otitis media; MOM
- ✓ Chronic otitis media with perforation
- ✓ Acute suppurative otitis media, AOM
- ✓ Cholesteatoma
- ✓ Tympanosclerosis
- ✓ Traumatic perforations
- ✓ Cerumen block

Supplied with simulated earwax, small toy and small sponge sphere for training of removing foreign bodies.





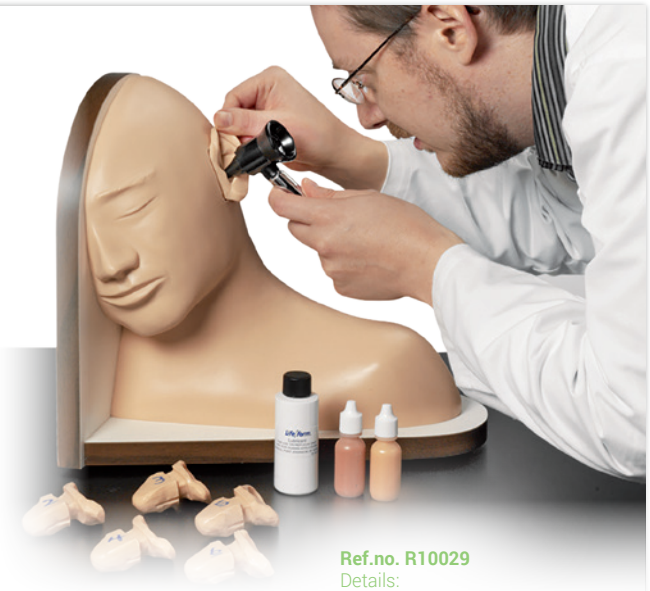


Ref.no. R16115
Details:

Ear examination simulator

This simulator allows practice in the examination of the ear. It consists of a head with 6 interchangeable flexible ears with lifelike external and internal structures. Embedded colored prints in 5 out of the 6 ears allow the diagnosis of various pathologies. One ear is not colored, but can be used for earwax removal exercises. The simulator is supplied with 2 tubes of synthetic earwax, nine 35mm slides (5 conditions as below plus 4 conditions of our supplementary set) and a carry-on-case. An Otoscope is not included.The following normal conditions and pathologies can be observed:

- ✓ Normal tympanic membrane
- ✓ Mucoid otitis media
- ✓ Serous otitis media with fluid level
- ✓ Chronic otitis media with perforation
- ✓ Normal tympanic membrane with slanted ear canal



Ref.no. R10029
Details:

Supplementary ears

This set includes 4 ears on which allow observation of the following pathologies:

- ✓ Chronic otitis media with large perforation
- ✓ Attic cholesteatoma (A)
- ✓ Attic cholesteatoma (B)
- ✓ Atelectatic middle ear otitis and tympanosclerosis

Ref.no. R10029-1
Details:



Diagnostic and procedural ear trainer



Now with this new trainer, students, residents, and practicing physicians can master the skills needed to examine the human ear using visual cues, correctly diagnose common diseases, clean the ear canal, remove a foreign body, and perform a myringotomy with ear tube insertion. For the ultimate in realism, the middle ear can be filled with various fluids. The instructor controls the color and consistency of the fluids. Another feature that brings this trainer as close to life as possible is the inclusion of nine diagnostic cartridges with full-colour photo prints illustrating:

- ✓ Normal tympanic membrane
- ✓ Mucoid otitis media
- ✓ Serous otitis media with an airfluid level
- ✓ Chronic otitis media with small and large tympanic membrane perforations
- ✓ Two views of attic cholesteatoma
- ✓ Atelectatic middle ear otitis
- ✓ Tympanic sclerosis

Trainer comes complete with two ears, approximately 100 pre-cut eardrums, specially formulated ear wax, one standard middle ear cartridge with syringe, adjustable stand, and a hard carry case. Otoscope, ventilation tubes, and surgical instruments are not provided.

Ref.no. R10900
Details:



Pneumatic Otoscopy Kit

This option offers an additional feature for the Diagnostic and Procedural Ear Trainer. Now with the feedback offered by this kit, students, residents, and practicing physicians can learn how to generate the correct amount of air pressure needed to perform accurate pneumatic otoscopy to test for tympanic membrane mobility. Kit includes a pneumatic pressure gauge, two pneumatic ears with pressure tubing, and a package of approximately 100 eardrums.

Ref.no. R10901
Details:

Blood pressure Training System

The Blood Pressure Training System includes a full-size adult left arm that may also be attached to some of our nursing manikins. This is a versatile training tool developed to assist health professionals teach the processes and skills required to perform blood pressure auscultation procedures and techniques. Features:

- ✓ Full size left arm that may also be attached to some manikins
- ✓ Programmable, palpable radial pulse when cuff pressure is less than the selected systolic blood pressure
- ✓ Korotkoff sounds K1 through K4 (K5 is silence) audible between systolic and diastolic pressures
- ✓ Korotkoff sounds automatically silenced if auscultation gap is selected
- ✓ Korotkoff sounds automatically adjusted depending upon selected heart rate and the rate of cuff deation
- ✓ Conventional stethoscope to auscultate Korotkoff sounds in the antecubital area



- ✓ Programmable Blood Pressure Auscultation Tutor
- ✓ Adjustable systolic and diastolic pressures
- ✓ Adjustable auscultation gap
- ✓ Adjustable pulse rate
- ✓ Display tracks cuff pressure
- ✓ Optional speakers with volume control allow students to hear what the individual student hears while using the stethoscope
- ✓ Soft carrying bag
- ✓ Instruction manual

Ref.no. R11200
Details:

Blood Pressure Simulator with iPod Technology

iPod® user interface in a training device for teaching blood pressure skills. This standalone unit incorporates sphygmomanometer placement, palpation of the radial pulse, variable systolic and diastolic pressures from 0-300 mm Hg in two mm increments, variable amplitude of sound heard at the antecubital site, sound jack for group listening, auscultatory gap setting, and heart rate settings. This battery operated trainer can be plugged into AC to save batteries. The trainer comes with an iPod®, AC adapter, BP cuff, and a carry bag.

Ref.no. R11210
Details:



Auscultation Simulator

An invaluable teaching aid to study heart diseases, especially those that students or doctors do not hear very often during their practical work. This model is the first one in the world to simulate the characteristic changes in heart sounds and murmurs associated with uncommon heart conditions. The simulator reproduces 20 different heart sounds at 4 positions (aortic, pulmonic, tricuspid, and mitral valves) as well as 10 different respiratory sounds at 3 positions. All sounds can be heard by using a stethoscope. The heart rate can be adjusted. Consists of a soft-skin torso, a smartscope and a digital remote control with English display.

Ref.no. R10001
Details:





Smartscope

Additional Stethoskope for Auscultation Simulator R10001.

Ref.no. R10002
Details:

Additional remote control for R10001:
Ref.no. R10002A

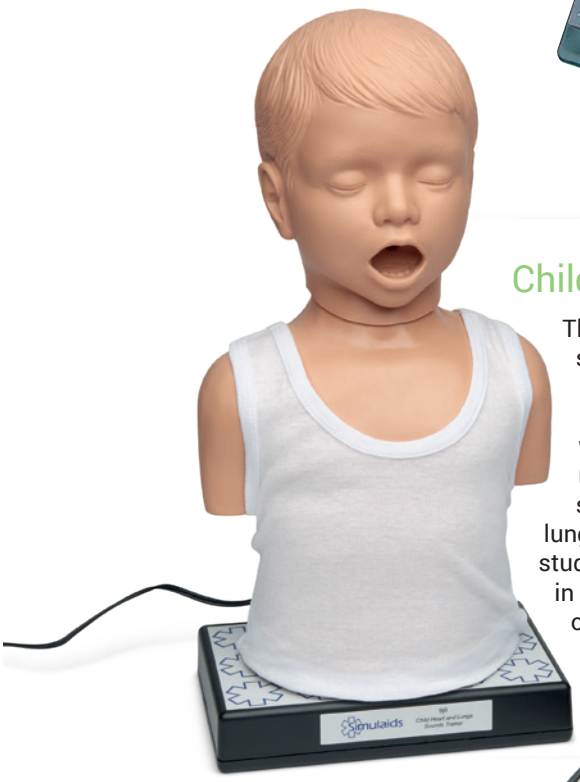


Speaker for Auscultation Simulator



If this speaker is connected the heart and lung sounds can be heard by the whole class or group. With Amplifier. For Auscultation Simulator R10001.

Ref.no. R10003
Details:



Child heart and lung sounds auscultation trainer

This self-contained heart and lung sound generator delivers site specific sounds of a four-year old, delivered through ten lung speakers and a heart speaker located in the normal auscultation sites for pediatric assessment. The use of speakers in these locations enables the use of any stethoscope without incurring additional cost for special equipment. The unit can be run using the special handheld remote control. An external speaker jack supports broadcasting the sounds during your classroom introduction to lung and heart sounds, or you can use it for audible testing more than one student at a time. A selector control allows classroom broadcasts of speakers in specific locations so that students hear precise sound anomalies encountered when they auscultate the manikin. No programming installation is required. The unit comes with a power cord, user reference, and carry case.

Ref.no. R11000
Details:

Auscultation simulator MATT

Matt is a highly effective simulator for learning cardiac, pulmonary and abdominal auscultation. The extensive sound library enables cost and time efficiency in your training programs. With MATT, your trainees learn how to evaluate auscultation results quickly and easily. The sound library complies with the guidelines of the American Thoracic Society and includes 39 heart, 12 lung and 14 abdominal sounds. It has anterior and posterior auscultation points, all auscultation points can be marked with LEDs. The auscultation sounds can be transmitted to external loudspeakers. MATT is compatible with standard stethoscopes. Vary the difficulty of the diagnosis: from clear clinical findings to the detection of quiet noises. With the flexible control tablet you can:



- ✓ Activate or deactivate the LED marking of the auscultation points individually.
- ✓ Adjust the volume and intensity of the tones.
- ✓ adjust the HR and RR for the played tones.
- ✓ Compare sound recordings.

The simulator software enables auscultation in four relevant areas: heart, lung (anterior & posterior) and abdominal quadrants. Two different sounds can be compared within an auscultation range. ECG and respiratory rate graphs are also displayed. The breathing and heart rate are adjustable. Representation of sound, EKG and respiratory rate.



Cardiac auscultation

- ✓ Normal heart sound
- ✓ Split first heart sound
- ✓ Split second heart sound
- ✓ Third heart sound (gallop)
- ✓ Fourth heart sound (gallop)
- ✓ Functional murmur
- ✓ Diastolic murmur
- ✓ Opening snap
- ✓ Holosystolic murmur
- ✓ Early systolic murmur
- ✓ Mid-systolic murmur
- ✓ Continuous murmur
- ✓ Austin Flint murmur
- ✓ Pericardial rub
- ✓ Graham Steell's murmur
- ✓ Aortic valve regurgitation
- ✓ Aortic valve stenosis
- ✓ Aortic stenosis and regurgitation
- ✓ Mitral valve regurgitation
- ✓ Mitral valve stenosis





Auscultation of lungs (anterior & posterior)

- ✓ Bronchial respiration
- ✓ Vesicular respiration
- ✓ Diminished vesicular respiration
- ✓ Coarse crackles
- ✓ Fine crackles
- ✓ Wheezes
- ✓ Rhonchi
- ✓ Stridor
- ✓ Pleural friction rub
- ✓ Pneumonia
- ✓ Asthma
- ✓ Pneumothorax

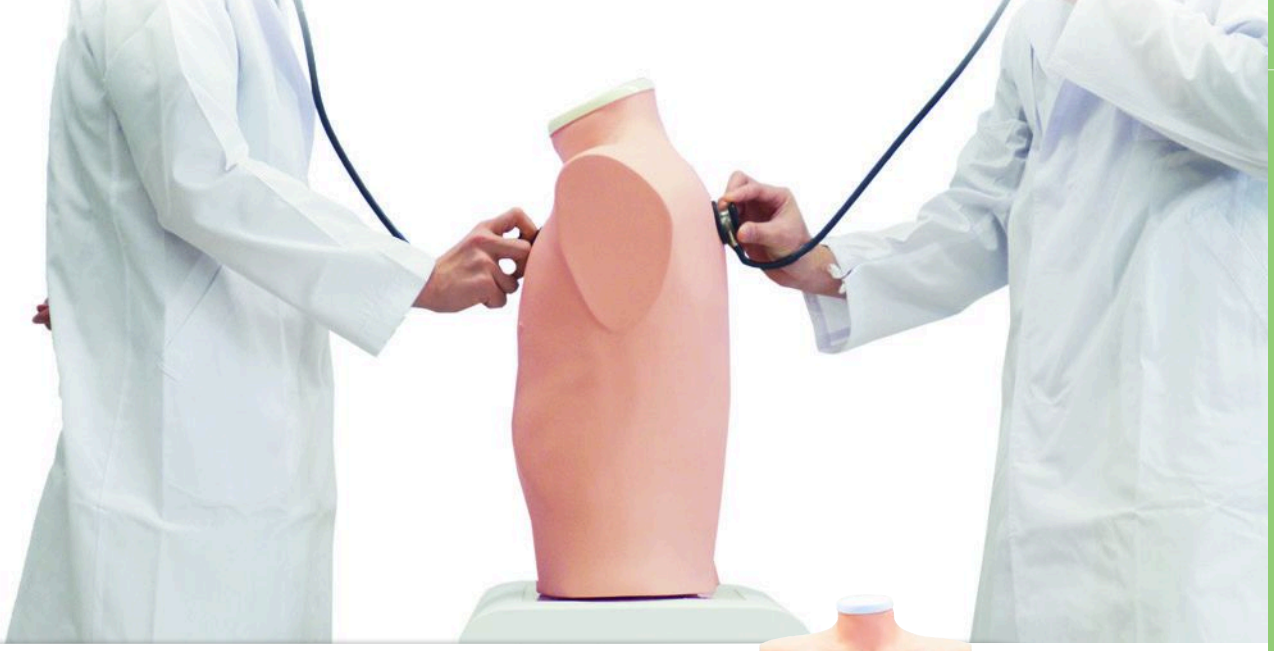
Abdomen auscultation

- ✓ Normal bowel sound
- ✓ Hyperactive sounds
- ✓ Hypoactive sounds
- ✓ Borborygmus
- ✓ Capotement
- ✓ Peritoneal friction rub
- ✓ Normal bowel sound with bruits
- ✓ Irritable bowel syndrome
- ✓ Diarrhea
- ✓ Bruits due to renal arteries stenosis
- ✓ Constipation
- ✓ Ulcerative colitis
- ✓ Crohn's disease
- ✓ Paralytic ileus



Adult MATT
Ref.no. R61000
Details:

Paediatric MATT
Ref.no. R61100
Details:



Lung Sound – Auscultation Trainer "LSAT" ver.2

NEW PRODUCT





This unique trainer can offer more efficient and effective respiratory auscultation training. The physical status of the patient is controllable by a touch screen tablet computer

The Simulator includes 36 Patient cases with case information such as X-Ray, CT and bronchoscopy images. The body includes 7 anterior or 8 posterior auscultation sites that can be auscultated using any normal stethoscope. This allows more than one student to listen simultaneously on one simulator. All sounds are classified after the American Thoracic Society. An integrated LED light indicates the inspiration and expiration phase synchronous to the sounds (can be switched off). Background heart sounds are present an can be adjusted in volume.

The system comes completely pre-configured and on a roller base (can be removed for tabletop usage). It has an automatic Error Check function during initialisation of the system.

Ref.no. R16688
Details:





Pediatric Lung Sound Auscultation Trainer

NEW PRODUCT

Based on the unique LSAT Trainer this pediatric auscultation trainer offers multiple pediatric cases for advanced lung auscultation training. The physical status of the patient is controllable by a touch screen tablet computer

The Simulator includes 20 Patient cases with case information such as X-Ray, CT and bronchoscopy images. The body includes 5 anterior and 6 posterior auscultation sites that can be auscultated using any normal stethoscope. This allows more than one student to listen simultaneously on one simulator. All sounds are classified after the American Thoracic Society. An integrated LED light indicates the inspiration and expiration phase synchronous to the sounds (can be switched off). Background heart sounds are present an can be adjusted in volume.

The system comes completely pre-configured and on a roller base (can be removed for tabletop usage). It has an automatic Error Check function during initialisation of the system.

Ref.no. R16689
Details:



Cardiology Patient „K“, Vers.2

NEW PRODUCT

The perfect cardiac patient for observation, palpation and auscultation training in cardiology. The following skills can be taught and practiced:

- ✓ Observation of the jugular veins
- ✓ Palpation of the arterial pulses at 8 places
- ✓ Auscultation of heart and lung sounds
- ✓ Observation and palpation of the heartbeat in three places
- ✓ 88 electrocardiograms

The model is controlled wirelessly via a touch-screen and can be programmed according to your own training needs. An integrated self-test routine minimizes the maintenance and control effort. The system is fully configured and can be used without any technical knowledge.









Ref.no. R16677
Details:



NEW PRODUCT

Combination package of patient "K" and LSAT auscultation trainer

This inexpensive combination uses the same computer system either for the cardiological patient or for the LSAT auscultation system. An economical solution wherever both systems should not be used at the same time.

Ref.no. R16699
Details:

Abdominal Assessment Simulator

Most realistic model for abdominal assessment training. Accurate landmarks and anatomy, and interchangeable organs of different conditions. The simulator facilitates effective hands-on training programs. Features:

- ✓ Percussion of Liver and Spleen.
- ✓ Life like skin reproduces the palpation feeling of real human
- ✓ Auscultation of renal, aortic and iliac artery bruit
- ✓ Auscultation of bowel sounds (normal, subileus)
- ✓ Palpation of:
  Liver (normal /chronic hepatitis /cirrhosis)
  Spleen (normal /slightly enlarged /enlarged)
  Kidneys (normal / cysts/ hydronephrosis)
  Inguinal area (normal /lymphoma)
  Uterus (normal / fibroid)

The organs can be changed fast and easy, breathing movement can be simulated.

Ref.no. R16655
Details:



Physiko Plus

Physiko is a physical assessment training simulator for students of medical and nursing programs. Preset patient scenarios facilitate trainings in assessment procedures, as well as hands-on knowledge with important abnormal findings. Your own scenarios can be created for various trainings and individual skills training is also available. Physiko comes with 12 typical Patient cases, additional cases can be created by combining the built-in patient conditions.

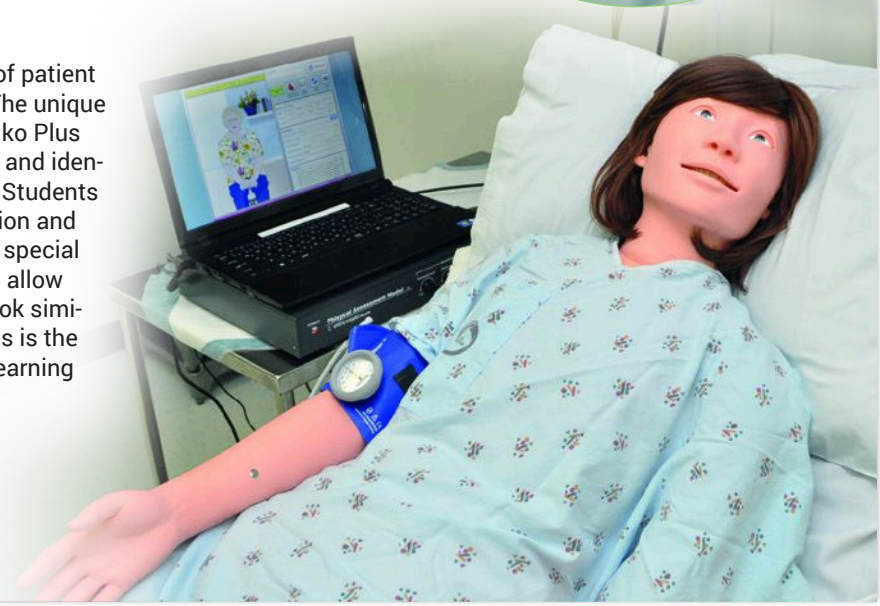
The following Examination skills can be trained using Physiko Plus:

- ✓ Pupillary reflex
- ✓ Blood pressure
- ✓ Auscultation of lung sounds
- ✓ Auscultation of heart sounds
- ✓ Auscultation of bowel sounds
- ✓ ECG simulation

An integrated speaker allows training of patient communication using a microphone. The unique “learning-to-listen” feature of the Physiko Plus allows students to recognize, describe and identify the physical examination findings. Students will develop excellent skills in recognition and interpretation of clinical findings. Nine special modules with contrasting scenarios to allow training in distinguishing cases that look similar on the first impression. Physiko Plus is the perfect training tool for teaching and learning physical examination of a patient.

Ref.no. R16000
Details:





EXERCISE MODELS FOR FACIAL INJECTIONS



These handcrafted face models are made of soft Material and offer a lifelike touch. Developed, tested and approved as exercise models for cosmetic injections. Choose from 7 different people including different skin colors, face shapes and wrinkle forms.



Version A
Ref.no. 8100
Details:

BEST SELLER



Version B
Ref.no. 8110
Details:

Version C
Ref.no. 8120
Details:

Version D
Ref.no. 8130
Details:



Head with half sided muscles

Ref.no. 8200
Details:

BEST SELLER



Version E
Ref.no. 8140
Details:

Version F
Ref.no. 8150
Details:

Version G
Ref.no. 8160
Details:



Head with muscles, arteries and nerves

Ref.no. 8210
Details:

Paediatric Lumbar Puncture Simulator



Infants commonly require lumbar puncture as a diagnostic procedure used to collect a sample of cerebrospinal fluid (CSF), measure cerebrospinal fluid pressure, or to inject medications intrathecally. The Pediatric Lumbar Puncture Simulator represents a 10-12 month old infant placed in a left lateral decubitus position with the neck and knees flexed, approximating the necessary fetal position. The embedded iliac crest offers exceptional realism, while the removable spine, spinal canal and skin pad make training simple and hasslefree. Lumbar puncture may be performed in the L3-L4, L4-L5, or L5-S1 spaces. The correct site can be located by palpating the iliac crest and spine. A small "give" will be felt as the spinal needle is advanced slowly into the proper space. Fluid will flow when the needle is in proper position. Students will appreciate the opportunity to practice this delicate but commonly performed procedure on a simulator that is both appealing and anatomically accurate. The Pediatric Lumbar Puncture Simulator arrives attached to a board for stability during practice. The infant measures 48 x 18 x 15 cm and the board measures 50 x 30 cm. Includes the Pediatric Lumbar Puncture Infant on a sturdy board, one lumbar puncture pad with spine and spinal tubing, IV bag with tubing, baby powder, hard carry case, and instruction manual. Fluid supply stand and needle not included.

Benefits:

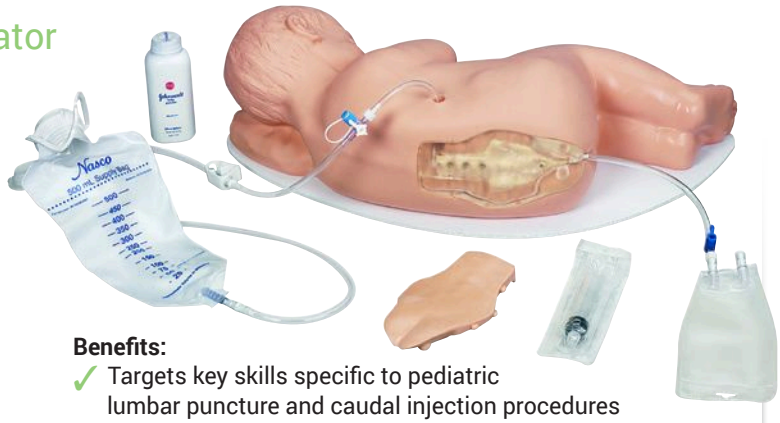
- ✓ Targets key skills specific to pediatric lumbar puncture procedures
- ✓ Palpation of landmarks
- ✓ Skin preparation
- ✓ Needle positioning and insertion
- ✓ Cerebrospinal fluid collection
- ✓ Measure cerebrospinal fluid pressure
- ✓ Intrathecal injections

Features:

- ✓ Anatomically correct and palpable
- ✓ Correct body positioning
- ✓ Lumbar pad is easy to replace
- ✓ Realistic resistance
- ✓ Simulated CSF flows with successful puncture

Ref.no. R11031
Details:

Pediatric Caudal Injection Simulator



Caudal block is widely used as a safe, easy, and effective method of regional anesthesia in pediatric surgery. This unique dual purpose simulator represents a 12-month old infant in the left lateral decubitus position with neck and knees flexed. Retaining all the functions of the Pediatric Lumbar Puncture Simulator R11031, the Pediatric Caudal Injection Simulator also includes an anatomically correct coccyx with sacral hiatus for the most realistic practice possible. Features include embedded iliac crest for exceptional realism, removable spine, tactilely correct spinal canal, and two soft skin pads — one transparent for preliminary anatomic study, and one opaque for more advanced hands-on training. Fluid flow provides immediate feedback on proper needle placement for either procedure. Students will appreciate the opportunity to practice these two important procedures on a single simulator that is both appealing and anatomically accurate. The Pediatric Caudal Injection Simulator arrives attached to a board for stability during practice. The infant measures 51 x 18 x 15 cm and the board measures 56 x 25 cm. Includes the Pediatric Caudal Injection Infant on a sturdy board, two skin pads with spine and spinal tubing, IV bag with tubing, baby powder, hard carry case, and instruction manual. Fluid supply stand and needle not included. Weigth: 10 kg.

Benefits:

- ✓ Targets key skills specific to pediatric lumbar puncture and caudal injection procedures
- ✓ Palpation of landmarks
- ✓ Needle positioning and insertion
- ✓ Cerebrospinal fluid collection
- ✓ Measure cerebrospinal fluid pressure
- ✓ Intrathecal injections
- ✓ Practice two procedures with one simulator

Features:

- ✓ Anatomically correct and palpable
- ✓ Correct body positioning
- ✓ Skin pad is easy to replace
- ✓ Realistic resistance
- ✓ Simulated CSF flows with successful puncture
- ✓ Transparent skin pad allows visualization of landmarks
- ✓ Immediate feedback for proper needle placement

Ref.no. R11032
Details:

Replacment set
Ref.no. R11032A
Details:



Baby Stap

Reproduction of a neonatal infant positioned for the practice of lumbar puncture techniques.

- ✓ Lateral decubitus position, upright position
- ✓ Realistic interchangeable spine with spinal cord may be palpated for location of correct puncture site
- ✓ Fluid may be infused

Ref.no. R10105
Details:

Paediatric Lumbar Puncture Simulator

This Lumbar Puncture Simulator has been designed by medical education experts to enhance formal LP procedural skills training and assessment. It allows students and medical professionals to practice frequently and achieve high levels of procedural competence without placing any patients at risk of harm.

Features:

- ✓ Closely simulates the lumbar anatomy including the anatomical landmarks.
- ✓ Provides life-like sensation of both skin and tissue resistance to the spinal needle.
- ✓ Allows students to both collect CSF fluid and measure CSF fluid pressure under clinically realistic conditions.
- ✓ The transparent puncture block allows direct observation of both the anatomy and the spinal needle path.

Ref.no. R16608
Details:





THORAXIS Thoracic Neuraxial Simulator

The THORAXIS Thoracic Neuraxial Simulator is the ideal training simulator for common neuraxial blocks. The ultrasound compatible model contains anatomical structures found in the thoracic region and realistic dural puncture similar to a human patient. With the realistic loss of resistance and fluid filled intrathecal space users are able to locate the correct target sites. THORAXIS forms the basis of your thoracic neuraxial training.

Features:

- ✓ Spinal space (fluid filled tubing simulates dural click and CSF confirmation).
- ✓ Epidural space (simulate LOR technique).
- ✓ Vertebral bodies (locate interspace with visible and palpable spinous processes).
- ✓ Ligamentum flavum (tough and gritty texture provides realistic tactile feel).
- ✓ Scapular Angles (Superior and inferior angles of scapula serve as anatomical landmarks).

Training Techniques:

- ✓ Epidural LOR (Identify Epidural Loss of Resistance)
- ✓ Catheter Placement (Insert Epidural & Spinal Catheters)
- ✓ Ultrasound Compatible (Increase Ultrasound Competency)

Ref.no. R66700
Details:

Replacement Core
Ref.no. R66700A

Spinal Tube
Ref.no. R66700B

Fill Line & Syringe
Ref.no. R66700C

Transport Case
Ref.no. R66700D



Epidural-Spinal Injection Simulator Genesis

The GENESIS Epidural-Spinal Injection Simulator is the ideal training simulator for common neuraxial blocks. This ultrasound compatible model contains anatomical structures found in the lumbar region and realistic dural puncture similar to a human patient. With the realistic loss of resistance and fluid filled intrathecal space users are able to locate the correct target sites. GENESIS is the beginning of lumbar block proficiency.

Features:

- ✓ Spinal space (Fluid filled tubing simulates dural click and CSF confirmation)
- ✓ Epidural space (Simulate LOR technique)
- ✓ Vertebral bodies (Locate interspace with visible and palpable spinous processes)
- ✓ Ligamentum flavum (Tough and gritty texture provides realistic tactile feel)
- ✓ Iliac crest (Standard landmark for L4 spinous process)

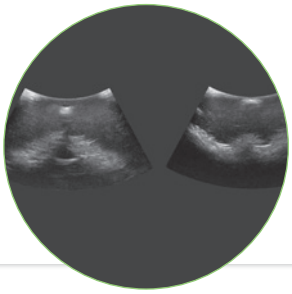
Training Techniques:

- ✓ Epidural LOR (Identify Epidural Loss of Resistance)
- ✓ Lumbar Puncture (Confirm Spinal Placement with Fluid Indication)
- ✓ Catheter Placement (Insert Epidural & Spinal Catheters)
- ✓ CSE Technique (Ideal for Combined Spinal Epidural Technique)
- ✓ Ultrasound Compatible (Increase Ultrasound Competency)

Additional puncture pad for geriatric and obese training available.
Supplied with two puncture pads and six spinal tubings.



Ref.no. R66600
Details:



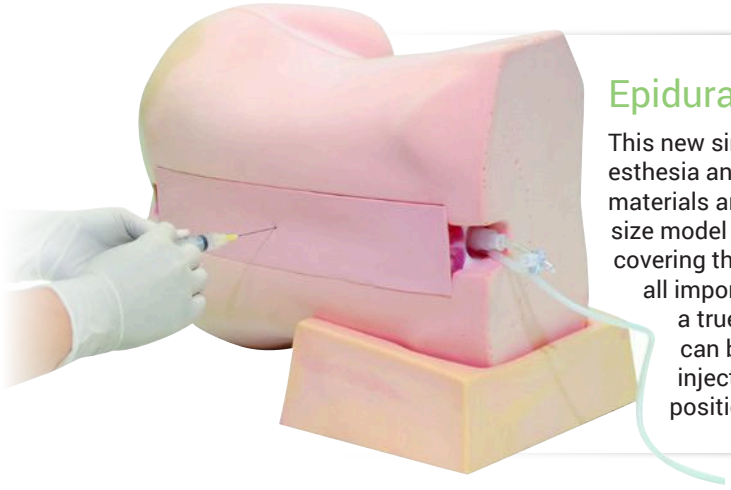


Spare cores
(each core comes with three spinal tubings)
Standard Ref.no. R66600A
Obese Ref.no. R66600B
Geriatric Ref.no. R66600C

Spinal Tubing (set of three)
Standard Ref.no. R66600D
Thin wall Ref.no. R66600E

Fill line and syringe
Ref.no. R66600F

Transport and storage case
Ref.no. R66600G



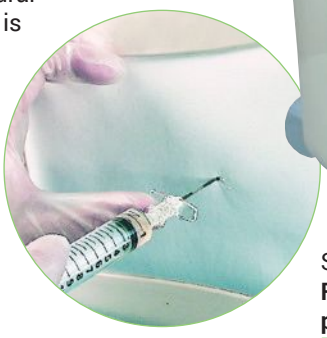
Epidural Anesthesia Simulator

This new simulator allows training of epidural anesthesia and lumbar puncture. It is made of lifelike materials and provides realistic touch and feel. The life size model has an anatomically correct spinal column covering the spine region from Th7 to L5. It includes all important landmarks for palpation. It provides a true to-life resistance and a “pop” can be felt through the needle during injection. Left or right lateral patient position is possible for training.

Ref.no. R16603
Details:

Lumbar epidural injection trainer

The Trainer is designed to help trainee anesthetists acquire the necessary tactile skills for epidural anesthesia prior to hands-on patient experience. If the epidural needle is inserted too deeply a slight resistance is felt before the needle penetrates the dura.





Features:

- ✓ Tactile and visual access to the lumbar spine, the epidural space and the dural sac
- ✓ Can be positioned in lying or lateral recumbent position
- ✓ Spinous processes and the interspinous spaces are palpable beneath the skin
- ✓ Epidural injection is carried out using either air or saline to detect loss of resistance and if accidental dural puncture occurs, "cerebrospinal fluid" will appear.
- ✓ Can be easily dissembled at any time to show position of needle during penetration
- ✓ Consists of skin, muscle layer, ligamentum flavum, vertebral bones and intra-spinal ligament
- ✓ Supplied with an all-metal Tuohy needle and a loss of resistance syringe

Ref.no. R10077
Details:

Standard spare parts:
Fluid filled spinal cords (length 15 cm) pre-filled tubes supplied as standard set of 5
Ref.no. R10077A

Replacement Skin
Ref.no. R10077B

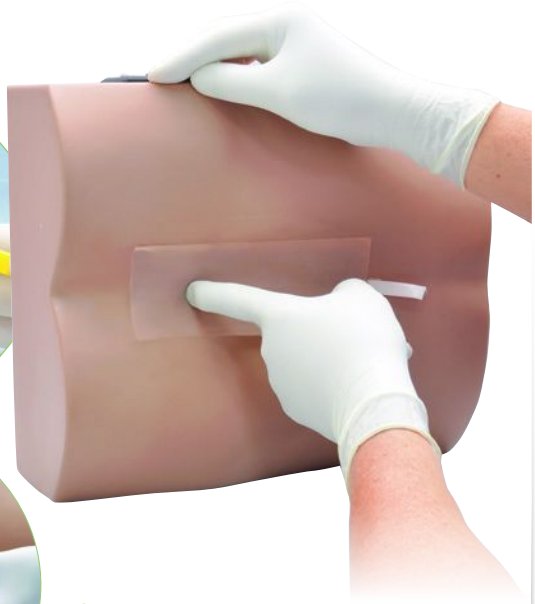
Additional Options:
Upgrade kit for simulation of obese patients
Ref.no. R10077-1

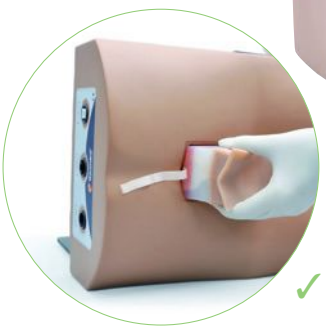
Extra long tubes for use with large groups when practising lumbar puncture techniques. Set of 3.
Ref.no. R10077-2

Lumbar Puncture Trainer

Provides realistic tactile feedback combined with a fluid supply and pressure system, allowing the collection of CSF and measurement of opening pressure. Ideal for practicing injection of local anesthesia, aseptic technique, needle insertion between vertebrae, lumbar puncture, and epidural.







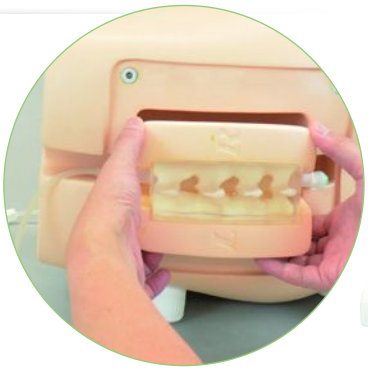


Features:

- ✓ Replaceable spinal cord insert with skin layer, subcutaneous layer, connective tissue, and lumbar vertebrae
- ✓ Anatomic features include: iliac crests, lumbar vertebrae L2 – L5, ligamentum flavum, epidural space, and dura
- ✓ Needle insertion possible between vertebrae
- ✓ Lifelike needle resistance, including pops when needle traverses ligamentum flavum and dura
- ✓ Self-healing skin that allows 15 uses with an 18 gauge needle and 25 uses with a 22 gauge needle before replacement is necessary
- ✓ Simple to fill simulated CSF and set fluid pressure, thereby allowing students to collect CSF and measure CSF opening pressure
- ✓ Pressure system with simple push-button operation to increase or decrease pressure
- ✓ LED displays pressure set-point ranging from low, medium to high pressure
- ✓ Practice procedure in the left lateral decubitus or sitting position
- ✓ Trainer can be used to simulate aseptic technique and local anesthetic at puncture site.

Ref.no. R11030
Details:

Lumbar puncture simulator





This Lumbar Puncture Simulator has been designed by medical education experts to enhance formal LP procedural skills training and assessment. It allows students and medical professionals to practice frequently and achieve high levels of procedural competence without placing any patients at risk of harm.

Features:

- ✓ Closely simulates the lumbar anatomy including the anatomical landmarks.
- ✓ Provides life-like sensation of both skin and tissue resistance to the spinal needle.
- ✓ Allows students to both collect CSF fluid and measure CSF fluid pressure under clinically realistic conditions.
- ✓ Comes with a separate anatomical model of the lumbar spine to facilitate anatomical understanding.
- ✓ The transparent puncture block allows direct observation of both the anatomy and the spinal needle path. Six blocks included. 2 normal CSF, 1 obesity CSF, 1 senior CSF, 1 senior obesity CSF, 1 epidural
- ✓ 3 lumbar region support bases: sitting position, lateral position, team teaching
- ✓ A thorough guidebook to the relevant anatomy, physiology, indications and performance of the lumbar puncture. Included also is a guide to CSF fluid analysis and LP risk management.

Ref.no. R16605
Details:

Replacement skin
Ref.no. R16605H





Ultrasound Compatible Lumbar Puncture / Epidural Simulator

Ultrasound compatible puncture block is anatomically correct and offers realistic image of ultrasound. It includes lumbar vertebrae, spinous process, superior articular process, transverse process, epidural space and spinal dura mater.

Ref.no. R16015
Details:

Training opportunities:

- ✓ Ultrasound-guided lumbar puncture
- ✓ Ultrasound-guided epidural anaesthesia
- ✓ CSF collection and CSF pressure measurement

Features:

- ✓ Ultrasonic landmarks of lumbar spine can be visualized.
- ✓ Replacement parts are durable for multiple procedures.
- ✓ This simulator can be positioned in the upright or lateral position.
- ✓ Transparent block makes the needle trace visible.
- ✓ The lumbar region model provides a platform for wide training opportunities, by adding interchangeable training blocks for landmark and fluoroscopic procedures



Lumbar Spine Fluoroscopy Training Phantom

This phantom is the ideal training tool for hands-on workshop. Lumbar Spine Fluoroscopy Training Phantom allows various training methods of fluoroscopy guided procedures in pain relief of the lumbar area. The phantom has two types of interchangeable and replaceable inserts with radio-opaque lumbar spine.

Features:

- ✓ Two types of replaceable training block: vertebroplasty block and anesthesia block
- ✓ Lumbar spine L2-L5 can be visualized under X-ray.
- ✓ True-to-life resistance to the needle

Training Skills:

- ✓ Recognition of fluoroscopy anatomy and landmarks
- ✓ Vertebroplasty
- ✓ Fluoroscopy guided epidural anesthesia: needle placement in facet joint injection, root block and discogram

Anatomy: Lumbar spine (L2-L5), spinal canal, epidural space (anesthesia block only).

Ref.no. R16019
Details:

Injection arm for intravenous injection and infusion

The high-quality Erler Zimmer injection arm offers a wide range of application possibilities for professional and realistic training of blood collection, ideally suited for the training and further education of medical personnel. The injection arm is very lifelike, especially in terms of the prick feeling, requires hardly any care and has skin and veins that can be changed easily and quickly. Ideally suited for: Intravenous injection, Blood collection, Intravenous infusion, Palpation of veins, Placement of a venous access.



Ref.no. 7010
Details:

Replacement skin hand
Ref.no. 7009

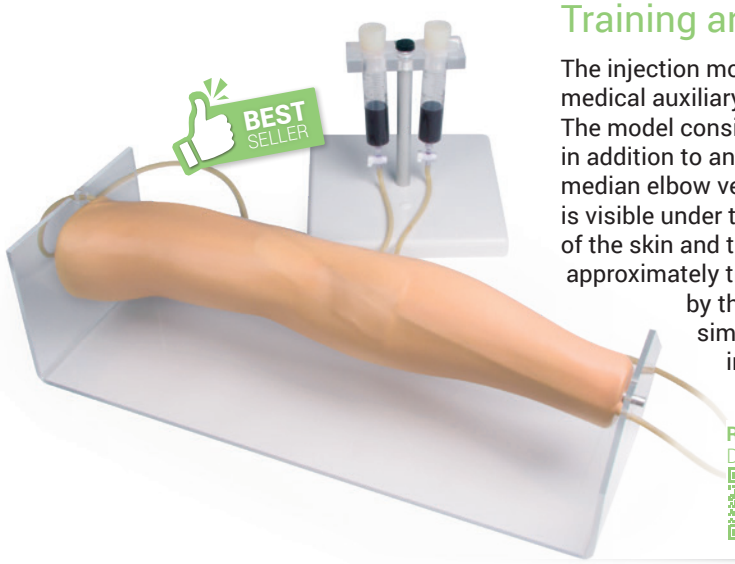
Replacement skin arm
Ref.no. 7011

Replacement vein
Ref.no. 7012

Replacement-Injection pad
Ref.no. 7015

Blood-colored liquid, 200 ml
Ref.no. 7024

Training arm for intravenous injection



The injection model is intended to give the prospective physician and medical auxiliary staff the opportunity of practicing intravenous injection. The model consists of soft synthetic material with an exchangeable skin in addition to an exchangeable injection site on the elbow, in which the median elbow vein (median cubital vein) is represented by a tube. The vein is visible under the skin and can additionally be easily palpated. The tension of the skin and the characteristics of the occluded vein is imitated in an approximately true to life manner. The model is characterized particularly by the possibility of compressing the vein realistically and of simulating a roll vein via the application of lubricant. Tested in rigorous daily use in the German army. All individual components are available separately.

Ref.no. 7020
Details:

Replacement skin
Ref.no. 7021

Replacement vein
Ref.no. 7022

Injection pad
Ref.no. 7023

Blood colored liquid, 200 ml
Ref.no. 7024

Multi-venous IV & Injection arm

This injection training model has the most injectable veins. **The following veins can be punctured:**

- ✓ Basilic V.
- ✓ Dorsal metacarpal V.
- ✓ Median basilic V.
- ✓ Cephalic V.
- ✓ Digital V.
- ✓ Median cephalic V.
- ✓ Accessory cephalic V.
- ✓ Thumb V.
- ✓ Median antebrachial V.
- ✓ Median cubital V.

Vein and skin can be replaced, the arm is moveable to enable the student to develop manipulation skills. I.m. and subcutaneous injection is also possible at this model. Supplied with storage bag.



Ref.no. R12004
Details:

Replacement skin and vein
Ref.no. R12004A

Replacement vein
Ref.no. R12004B

Strap-on IV Puncture trainer

BEST SELLER

Bring more realism to your standardized patient program. With this strap-on IV puncture pad it is possible to interact directly with the actor while practicing iv puncture on arm or leg without the danger of any injury. The replaceable pad with two replacable veins can be connected to a pressurized infusion bag with a tube that can be hidden under the clothes. Included in the set is the jig, one pad with veins, the connection tubing as well as a pressure infusion bag. One bottle of our simulation blood (can be washed out of clothes) is also included.

Ref.no. 7120
Details:









Human Vascular Access Sleeve Light Skin

Train on venipuncture and vascular access skills in life-like scenarios with no harm to participants with the Human Vascular Access Sleeve. Designed to fit most people and manikins, the sleeve is secured by the hook and loop tabs above and below SurgiReal's simulated RealFlow tissue pad. Keeping safety as our top priority, all Vascular Access Sleeves are designed with puncture resistant material to make sure the needle won't make contact with your participant.

Training applications include, but are not limited to: Needle Alignment and Vascular Access, Palpating the Vessel, and IV Placement. BUILD YOUR SKILLS IN THREE STEPS: Sleeve attached to manikin, Sleeve attached to stationary person, Sleeve attached to a person mimicking real-life patient movement. Included in your package is 1 Sleeve, 1 Attachable Simulated Tissue Pad, 1 Package of Artificial Blood Powder, and 1 IV Bag (1000mL).

Light skin
Ref.no. SRE0800L
Details:



Dark skin
Ref.no. SRE0800
Details:





Strap-on venous puncture trainer

The vein puncture simulator set is a simple, inexpensive exercise set for intravenous injection, consisting of 5 individual puncture trainers. It is ideal for practicing blood drawing and intravenous injection. The vein puncture trainer is strapped to the arm of a simulated patient or a life-size manikin. The injection pads with veins are exchangeable and available as spare parts. Characteristics:

- ✓ New, even more realistic tissue and vessel wall resistance.
- ✓ The veins can easily be filled and refilled with the supplied filling bottle.
- ✓ Two parallel veins are embedded in the pad

The set consists of 5 puncture pads (with embedded veins and holder), 5 Velcro straps, 5 supply lines and 5 drainage tubes as well as 5 filling bottles.

Ref.no. R16236
Details:





Venatech-Trainer

This economically priced model allows purchasing a simulator for each student. No more wasting precious class time by waiting for the next free simulator. The trainer can be attached to the arm of the student. It shows cephalic, basilic and median cubital vein in correct anatomical position. An arterial vessel completes the model. Designed for basic training.

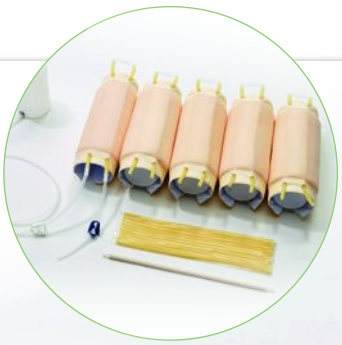
Ref.no. R10006
Details:

Replacement skin and veins
Ref.no. R10006A

Replacement vein
Ref.no. R10006B

I.v. Injection Trainer fit-on type

This set of 5 injection trainers allows the training of i.v. injection directly on a person, without the risk of any harm. The punctureproof pads can be attached to the arm of the training partner and the puncture can be practiced interacting with the patient. The veins are replaceable. Supplied with: 5 Injection pads, 10 replacement veins (2 pcs needed for one pad)





Ref.no. R16614
Details:

Package Contents: 5 Injectionpads, 10 Replacement veins (2 pcs per pad required)

Replacement set-Veins (100 pcs)
Ref.no. R16614A

IV-Injection Hand

The dorsal surface of the incredibly realistic hand includes injectable metacarpal, digital and thumb veins. The soft, flexible fingers are moulded separately with extreme attention to detail. Students have the opportunity to develop important manipulation skills provided by the flexion of the wrist. The skin rolls when the veins are palpated. Supplied in storage box.

Ref.no. R10005
Details:

Replacement skin and veins
Ref.no. R10005A

Replacement veins
Ref.no. R10005B



Portable IV Arm and Hand Trainers

The economical Portable i.v. Training Hand and Arm combine realism, fine detail, and lightweight convenience in a single trainer. These self-contained trainers are packaged in a plastic case that can be converted into a work station. Trainers include everything you will need to begin training and practicing i.v. skills. The Portable i.v. Training Hand and Arm Trainers are constructed of soft material with life-like veins in the skin surface that are visible and palpable. Veins are accessible at the antecubital fossa, along the forearm, the back of the hand, and thumb veins, making it possible to practice venipuncture at any of the common sites. When puncturing through the vinyl skin and veins, the skin will actually roll as you palpate the veins and the characteristic "pop" can be felt as the needle penetrates the vein. These trainers are inexpensive enough so that each student can have their own set to practice technique and skills required in their courses. Under normal use, hundreds of injections may be performed. The skins and veins cannot be changed (trainers will eventually need to be replaced). Included with each trainer is two i.v. bags, packet of blood powder, syringes and storage case. IV Hand and Arm Set.

Ref.no. R10200
Details:

Set of IV hand and arm
Ref.no. R10200

IV Hand
Ref.no. R10210

IV Arm
Ref.no. R10220





Geriatric IV Training Arm

Developed from a live cast, this arm is unique to the industry. Its properties include veins that roll away or disappear as you attempt to catheterize the vessel and a specially developed skin. Ideal for training anyone who works with the aged. Includes blood powder, IV bag, and carry bag.

Replacement skin and veins
Ref.no. R10017A

Replacement veins
Ref.no. R10017B

Ref.no. R10017
Details:



Child-Injection training arm

Lifelike arm reproduction of a six year old child. The model offers the opportunity to practice intravenous and intramuscular injection techniques. The upper arm features an internal bone structure as landmark for intramuscular injection. The skin and veins can be replaced if necessary. Comes with storage case.

Replacement set skin and veins
Ref.no. R10007A

Replacement vein
Ref.no. R10007B

Ref.no. R10007
Details:



Baby IV arm

This model has a special, extremely thin, synthetic skin, and rubber tubing with appropriately small lumen and thin walls. The cephalic and basilic vein are accessible, as well as the dorsal venous arch on the hand. Comes with two i.v. bags with clamps, artificial blood, and winged infusion set. Size: 20.5 x 12.7 x 12.7 cm.

Replacement skin and veins
Ref.no. R10170A

Ref.no. R10170
Details:



Baby IV Injection leg

This model has a special, extremely thin, synthetic skin which is paired with rubber tubing featuring a small lumen and thin walls. The greater and lesser saphenous veins are accessible, as well as the dorsal venous arch on the foot. Comes with two i.v. bags with clamps, artificial blood, one 3 cc syringe, one 22-gauge needle, and winged infusion set. Size 20.5 x 12.7 x 12.7 cm.

Replacement skin and veins
Ref.no. R10171A

Ref.no. R10171
Details:



Advanced Four-Vein Venipuncture Training Aid

The Advanced Venipuncture Training Aid™ features four barely discernible blue veins in three different sizes, with the fourth vein deeply placed. As the IV catheter enters the vein, a realistic “flashback” of simulated blood confirms proper needle placement, helping build hand-eye coordination, confidence, and improving competency, while ensuring your patient’s safety. **Features:** Hinged top and base. Leak resistant. Features a single length of tubing, no connections needed. Bubble trap and stopcock removal and replacement are confirmed by an audible “click.” The hinged top has an integral molded hook for placement of blood bag. Model can handle 3,600+ accesses using a 20g IV catheter.

Ref.no. R11055
Details:

Nita Newborn - Simulator for Venous Vessel Access

This model of a newborn female (1.8 kg/40.6 cm) is perfectly suited for studying and practicing both venous access and injections and drawing blood samples. Correct puncturing will produce a backflow of artificial blood.

Allows access to the following veins:
- ✓ Basilic vein and axillary vein (arms)
- ✓ Saphenous vein (leg)
- ✓ Popliteal vein (leg)
- ✓ External jugular vein (neck)
- ✓ Temporal vein (head)
- ✓ Umbilical vein (navel)

Each of the following methods can be practiced:
- ✓ Normal puncture of a vein
- ✓ Central venous catheterization
- ✓ Umbilical (naval) catheterization
- ✓ Positioning a butterfly cannula
- ✓ Bandaging
- ✓ Fixing catheters
- ✓ Insertion and care of endotracheal and endonasal catheters and feeding tubes

Supplied with 1.1 liters of artificial blood, blood bag, diaper and carrying bag.

Ref.no. R10009
Details:

Replacement skin and veins
Ref.no. R10009A







Baby Umbi umbilical catheterization trainer

Female newborn infant reproduction designed for the practice of umbilical catheterization.

- ✓ Retractable umbilical cord for actual catheterization
- ✓ Two arteries and vein molded into umbilical cord
- ✓ Low UAC
- ✓ High UAC
- ✓ Umbilical Vein Catheter
- ✓ Securing and dressing procedures may be practiced

Ref.no. R20202
Details:

Paediatric Head – Injection trainer

This model represents a six month old infant. Injection of jugular and temporal vein is possible. Special soft material makes the model look and feel like a real head. The skin and veins can be replaced if necessary. Comes with storage case.

Ref.no. R10008
Details:

Replacement skin and veins
Ref.no. R10008A

Replacement veins
Ref.no. R10008B





NEW PRODUCT

Strap-on vaccination trainer for IM and subcutaneous injection

This trainer enables intramuscular injection to be practiced, as is typically done when vaccinating. The model can be used as a vaccination trainer, but also as a normal IM injection trainer and as a subcutaneous injection trainer. The trainer can be buckled and then simulates a human upper arm. A simulated and easily palpable shoulder anatomy serves as a landmark for the puncture. The back of the trainer is puncture-proof so that there is no danger to the "patient". The injection can be done with normal needles and syringes, the injection of liquid is possible. The model can be dismantled so that the liquid can easily be removed after the exercise. Thanks to the new material, the arm feels lifelike and the puncture points are not visible, so that many hundreds of punctures are possible before the vaccination trainer has to be replaced.

Product features:

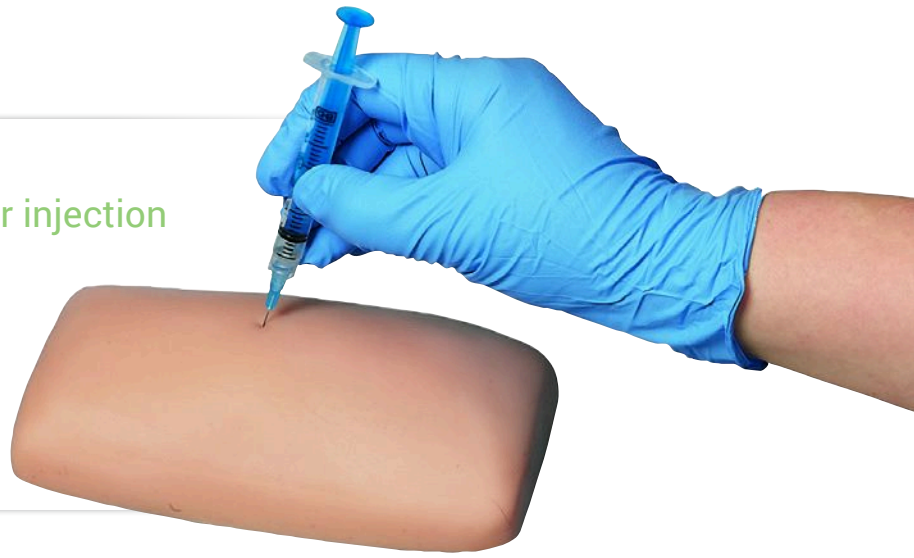
- ✓ Intramuscular injection
- ✓ Subcutaneous injection
- ✓ Injecting liquid
- ✓ Anatomical landmarks
- ✓ High quality material

Ref.no. 7130
Details:

Training model for intradermal, subcutaneous and intramuscular injection

Simple and easy to use training model made of soft and realistic material for life like training of intradermal, subcutaneous and intramuscular injection. The material can be punctured repeatedly without showing needle holes. The injection of fluids is not recommended.

Ref.no. R10952
Details:





I.m. Injection Trainer upper arm, fit-on type

With this model you practice directly at the patient. It can be attached to a simulated patient or a nursing doll. With excellent haptics it is the ideal tool for teaching the i.m. injection technique at the upper arm. The built-in sensors recognize the correct puncture site as well as the correct depth of injection. If the position is correct, a green light indicates this. In case of wrong puncture a red light will be switched on. In case of correct puncture site but wrong depth both lamps will light at the same time. Fluid can be injected into the model.

Ref.no. R16611
Details:





Model of shoulder and arm anatomy / i.m. injection technique

This model offers two functions in one model: on the right side it shows the anatomy of the upper arm and the shoulder including the bones and the muscles and nerves which are of importance for the injection. The student can transfer the anatomy visible on the right side to the left side and can then practice the technique of intramuscular injection there. The most important anatomical landmarks can be felt on the left side. The injection can be carried out with liquid. A green lamp lights up to confirm that the injection has been placed at the correct location. If it is placed at any other location, this is indicated by a red lamp and a buzzing sound.

Ref.no. R16607
Details:

Intramuscular injection model

A simple to use and economically priced model for intramuscular injection training. Made of lifelike, soft material. It can be punctured repeatedly. Fluid use is not recommended.

Ref.no. R10076
Details:





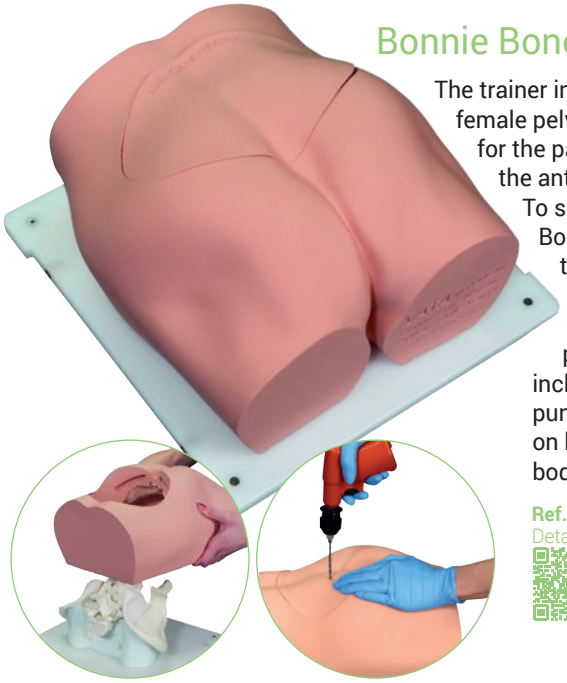




Three Injection Depth Simulated Tissue

When training on injections, look no further than SurgiReal's Injection Pad line. This pad is built using our RealLayer Technology to simulate proper body wall feel as well as a foam core to allow for your injected fluids to easily squeeze out. The Three Injection Depth Pad is designed to take you right into the muscle to practice the Intramuscular injection.

Ref.no. SRE0711
Details:



Bonnie Bone Marrow Biopsy Skills Trainer

The trainer incorporates a life-size scale and anatomy modeled from an average size female pelvis and lower spine. The outer shell provides a soft, tissue-like feel to allow for the palpation of underlying bony landmarks such as the spinous process, and the anterior and posterior iliac crests to facilitate proper biopsy needle placement. To simulate treating patients in lateral decubitus (side lying) positions the Bonnie trainer can be set-up with the included tilt stand or positioned on a table surface to accommodate the prone position. The right and left iliac crest bones are designed to be removable and replaceable and incorporate simulated bone marrow that can be extracted during simulated biopsy procedures to confirm proper technique. The innovative design also includes a replaceable puncture site skin insert to allow for multiple needle punctures to be performed. Following parts are included: pelvic bone structure on base with tilt stand, six sets of replaceable posterior Iliac crest bone inserts, body skin shell, puncture site skin insert and soft-sided product carrying case.

Ref.no. R11051
Details:

Puncture site skin insert
Ref.no. R11051A

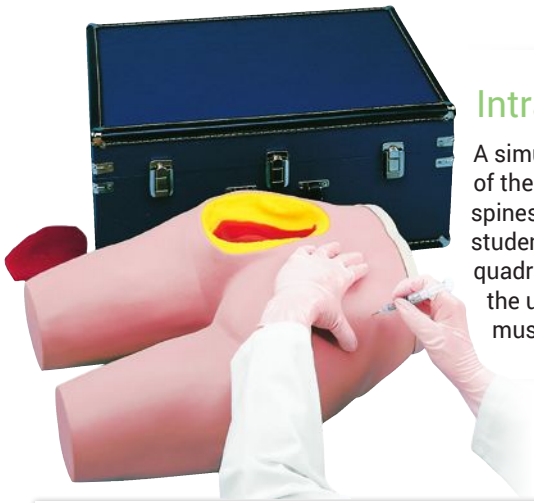
5 Sets right and left Posterior Iliac Crest Bone Inserts
Ref.no. R11051B

Simulator for i.m. injection and punch biopsy of the iliac crest

Ref.no. 7090
Details:

Training model for training of the i.m. puncture procedure as well as for the procedure of iliac crest puncture. The model includes an artificial pelvis made of material similar to human bone which can be punctured repeatedly. Fluid aspiration is not possible. Used as i.m. model, the pelvis can be palpated to identify the correct injection position. The model is designed to be an economic disposable training aid and need to be replaced after intensive use. Life size.





Intramuscular Injection Simulator

A simulated bony structure is embedded in the torso and represents the superior end of the femur, or greater trochanter, the posterior superior and anterior superior iliac spines, and the sacrum. The bony structure provides palpable anatomical landmarks so students can identify proper injection sites. A section of the upper, outer quadrant of the left gluteal area is cut away to allow students to visualize the underlying structures. The gluteus medius and gluteus maximus muscles, sciatic nerve, and vascular structures are clearly shown.

Ref.no. R10961
Details:

Gluteal Intramuscular Injection Simulator

All anatomical structures are present and palpable. The injection sites are constructed in multiple layers, corresponding to the human anatomy, in order to convey a natural feeling during needle insertion. Sensors, located away from the correct injection sites, sound an acoustic alarm if needles are placed incorrectly. The injection can be administered realistically with fluid, since the model has a drainage system. The injection sites must be localized using the Hochstetter method.

Ref.no. LM57
Details:





Arterial Puncture Arm

This easy to use training aid is ideal for practice in and demonstration of drawing arterial blood samples and for monitoring blood gases. Puncture locations can be identified through palpation of the pulse of radial and brachial artery. Realistic arterial pressure produces a lifelike backflow of blood in the syringe, confirming proper needle location in the artery. Delivered with 3 syringes and tubules, artificial arterial blood, 2 replacement arterial sections and carrying case.

Replacement set skin and three arteries
Ref.no. R10011A

Replacement-Artery
Ref.no. R10011B

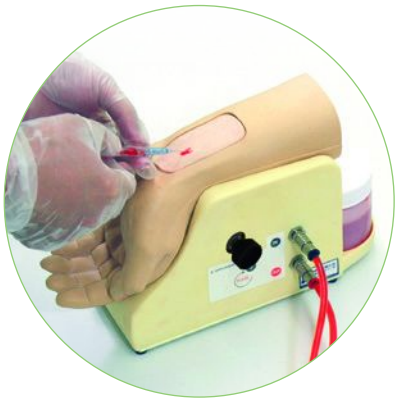
Ref.no. R10011
Details:

Pressurised cannulation pad

The pressurised cannulation pad has been introduced to provide a portable intravenous trainer and act as an alternative to using the traditional arm. These trainers are realistic and achieve relatively low running costs.



Ref.no. R10096
Details:





Arterial puncture wrist

Radial artery puncture is a common approach for blood collection and artery catheterization; however, it is a challenging skill for operators. This innovative simulator is designed to provide training in artery puncture with true-to-life feeling.

- ✓ Arterial pulsation is palpable.
- ✓ Realistic resistance of tissue and artery wall felt with the injection needle.
- ✓ Natural flashback of artificial blood into the needle can be observed.
- ✓ Puncture skin, pad and artery tube are replaceable.
- ✓ No puncture trace of the injection needle remains on the injection site.
- ✓ One-touch, leak free connections.
- ✓ Easy clean up.

Supplied with pulsatile pump and 4 arteries.

Ref.no. R16650
Details:





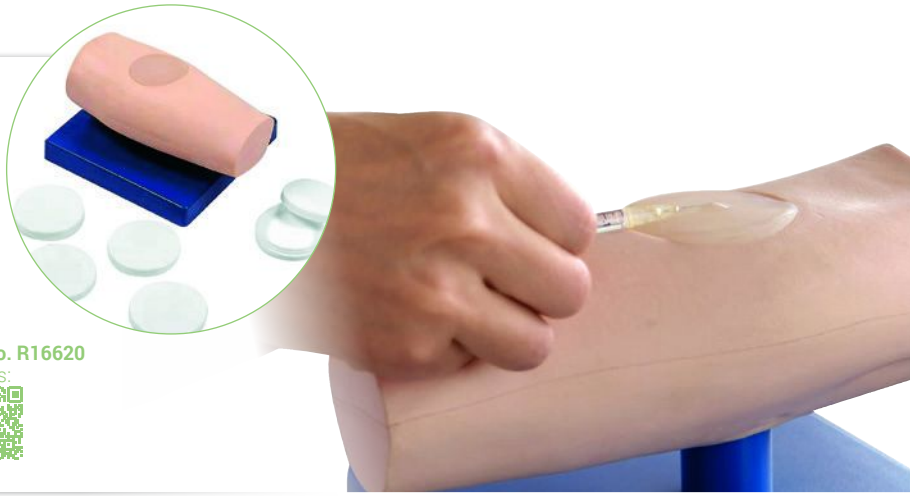
Intradermal Injection Simulator

The simulator features a forearm from the wrist to just below the elbow. Vinyl skin provides realistic feel and appearance to ensure a realistic training experience. The simulator features eight sites for practicing intradermal injections. If fluid is properly injected, a characteristic skin welt will form. The welt is removed by withdrawing the fluid after practice. Each site is reusable by dozens of students. Supplied with sealant, syringe and storage box.

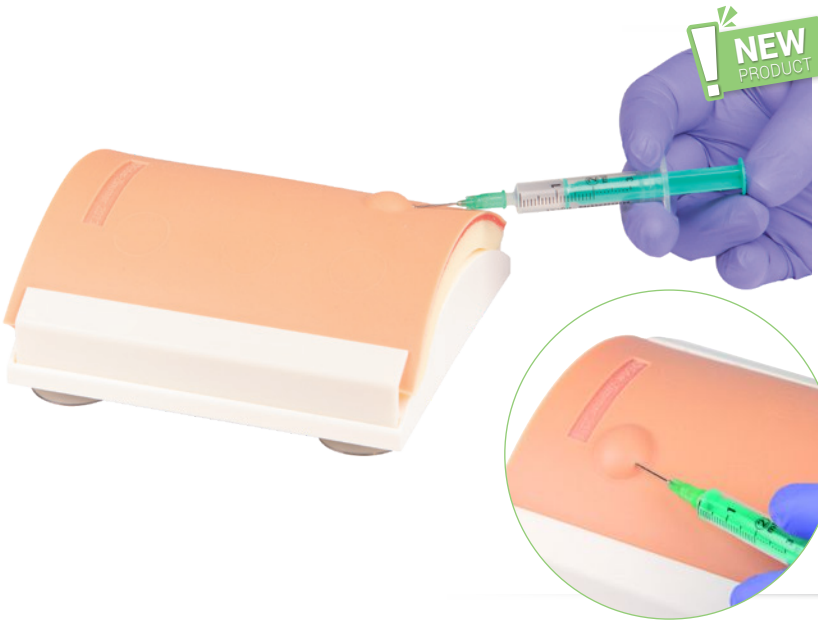
Ref.no. R10016
Details:

Endermic Injection Training Simulator

This simulator provides training of intracutaneous injection to the inner forearm. A clear characteristic skin wheal is formed when proper injection procedure is followed. Life size model with life-like touch and resistance. Comes with 5 puncture pads and stand.



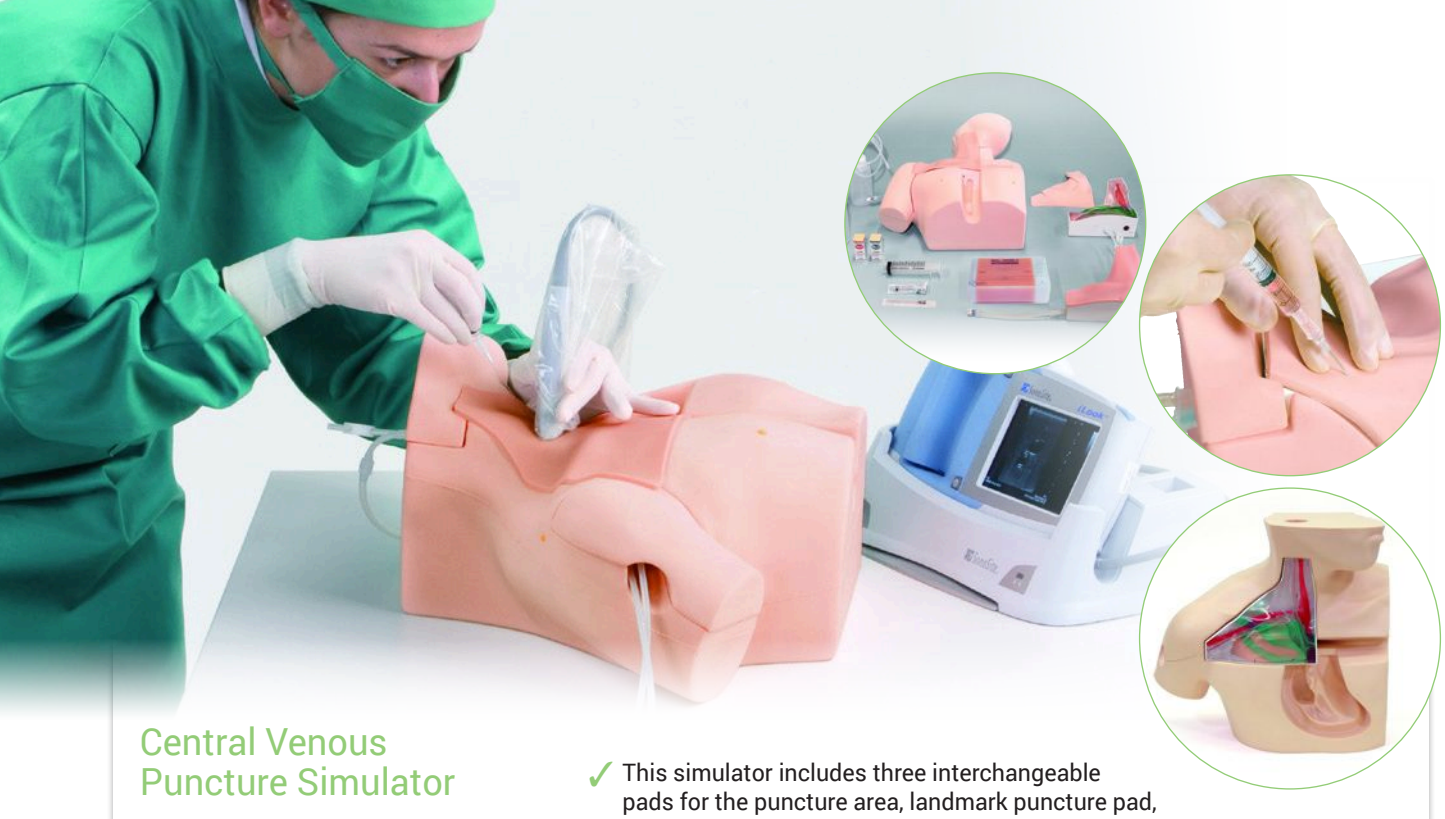
Ref.no. R16620
Details:



Intradermal injection trainer

This simulator consists of a flexible skin on an arched base. The realistic condition and optical appearance of the skin creates natural training opportunities. The simulator has six locations for training of intradermal injections. If fluid is injected correctly, a typical skin welt is formed. This welt can be removed by simply aspirating the fluid back in the syringe. Each injection location can be used several times by the students. If the puncture sites are worn out, the skin can easily be replaced and the base can be used again.

Ref.no. 7110
Details:



Central Venous Puncture Simulator

Enhanced training in ultrasound guided CVC. Axillary vein approach as well as internal jugular vein approach. An introductory training block to acquire basics of ultrasound guided puncture. Excellent image quality. Learning from failures; various complications can be simulated. The only simulator with anatomically correct junctions of the subclavian veins with the right internal jugular and SVC.

- ✓ This simulator includes three interchangeable pads for the puncture area, landmark puncture pad, ultrasound puncture pad and transparent cannulation block.
- ✓ Each training pad, placed at the right upper breast and right half of the neck covering the puncturing sites and catheter routes is a precise, life-size model incorporating the anatomical structure of bones, veins, arteries and upper lung.
- ✓ A transparent block for three-dimensional anatomical understanding also works as an effective training tool for developing guide wire insertion skills.
- ✓ Three CVC approaches with landmark method: 1. subclavian vein approach, 2. supraclavicular approach, 3. internal jugular vein approach.

Complications: Artery puncture. Pneumothorax. Mislodging/malposition.

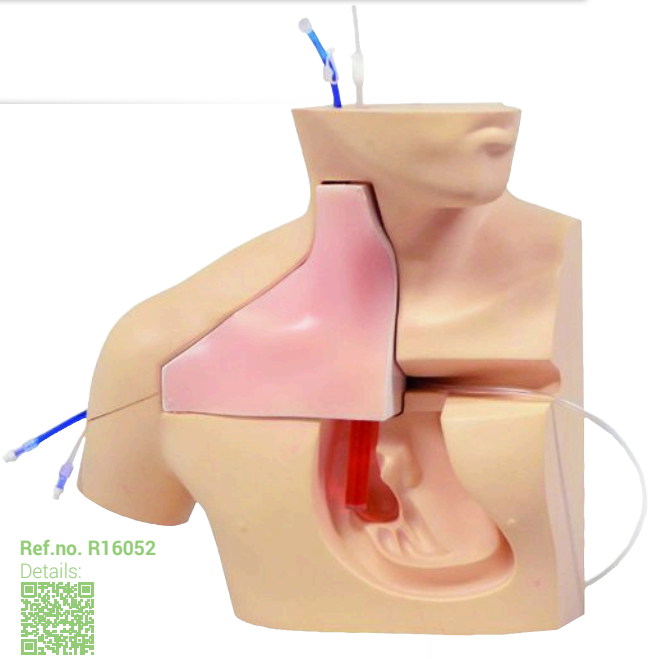
Ref.no. R16051
Details:

CVC Insertion Simulator III

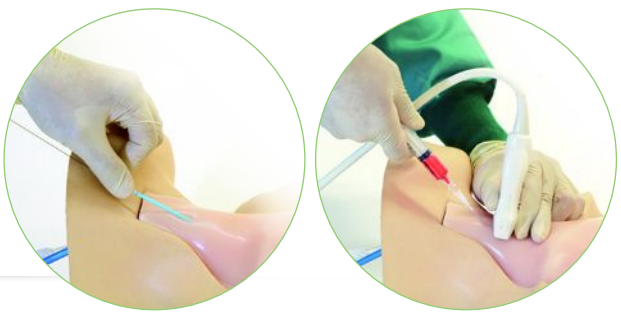
The CVC Insertion Simulator III provides training in a sequence of procedural skills from the needle insertion to catheter placement, including Seldinger technique. It provides training opportunities in an array of procedural skills from determining the insertion site to placement of the catheter without interruption. Both landmark and ultrasound-guided catheterization are possible in one pad.

- ✓ Repeated insertion
- ✓ The improved frictionless tissue of the pad allows Seldinger technique and repeated insertion and removing of the catheter with less needle marks left on the surface of the pad.
- ✓ Both landmark and ultrasound-guided CVC are possible.
- ✓ Mechanical complications, such as arterial puncture and pneumothorax can be simulated for training.
- ✓ Realistic venous collapse. The vein collapses under the pressure of the ultrasound probe.

The pad shows the following anatomical structures:
Internal jugular vein & carotid artery, Subclavian vein & artery, Superior vena cava, Ribs, Sternum, Lung.
Training Skills: Ultrasound-guided CVC, Landmark guided CVC, Ultrasound-guided venous access, Prevention of mechanical complications. Due to its special material, the injection pad has a limited shelf life once it is unpacked.



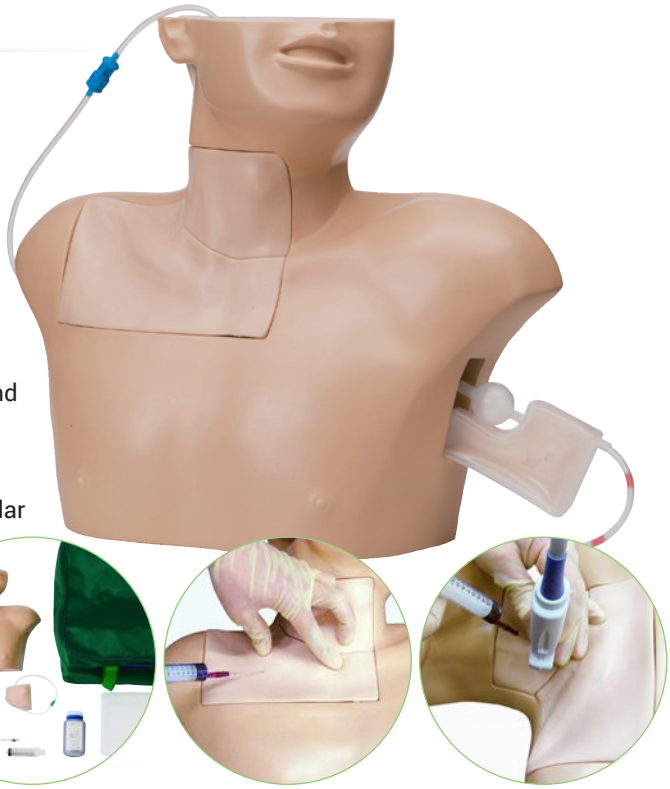
Ref.no. R16052
Details:



Central Venous Puncture Trainer

Designed for practicing ultrasound guided central venous (CV) puncture as well as landmark puncture. It enables learners to identify the puncture site by recognizing the important landmarks. Simulated blood can be collected when a needle is inserted into the vein. Enables learners perform CV puncture by putting negative pressure on the syringe. Backflow air pressure indicates incorrect puncture of the lung. This trainer is designed for practicing exploratory puncture. Catheter and guide wire cannot be applied. Ultrasound guided central venous puncture utilizing an ultrasonography imaging system allows practicing the the internal jugular venous puncture, the subclavian venous puncture and the supraclavicular venous puncture. Pressure on the internal jugular vein by the ultrasound probe, causes the vein to become oval and deformed. Please note that the ultrasound imaging system works differently in the model than in the human body. Due to this the images you obtain with an ultrasound imaging system may differ from the real human body.

Ref.no. LM90
Details:



Peter PICC Line



The only available teaching model which allows review of the principles and tools necessary to validate the knowledge and skills needed for Peripherally Inserted Central Catheter (PICC) insertion. Peter PICC is a portable, lightweight, teaching model featuring anatomically correct superior vena cava, subclavian, jugular, median basilic, basilic and cephalic veins. The moveable chin simulates the occlusion of the jugular vein which can prevent the PICC from taking this path. This model enables staff to practice sterile technique in the set-up and insertion of the PICC line. Palpable ribs permit the practice of measuring proper catheter length from the insertion site to the second or third intercostal space and the confirmation of proper placement of the distal tip of the catheter in the viewable superior vena cava. Standard IV catheter placement is also possible in the major veins, which are barely visible through the translucent arm skin. Gain condence and master the techniques of PICC insertion and then transfer these skills to patients.

Ref.no. R18802
Details:



Arm Skin replacement
Ref.no. R18802A

Arm vein tubing set
Median basilic, basilic and cephalic veins
Ref.no. R18802B

Body Skin replacement
Ref.no. 18802C

Body vein tubing set
Ref.no. R18802D

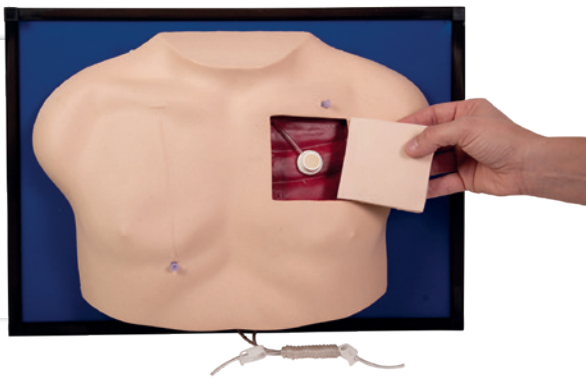
Muscle tissue
Ref.no. R18802E

Rib replacement
Ref.no. R18802F

Venous-Access Device Model

This model offers left and right subclavian catheter connections and an implanted PORT-A-CATH device. Both catheters may be flushed with water. Mounted on collapsible easel.

Ref.no. R10020
Details:



Chester Chest

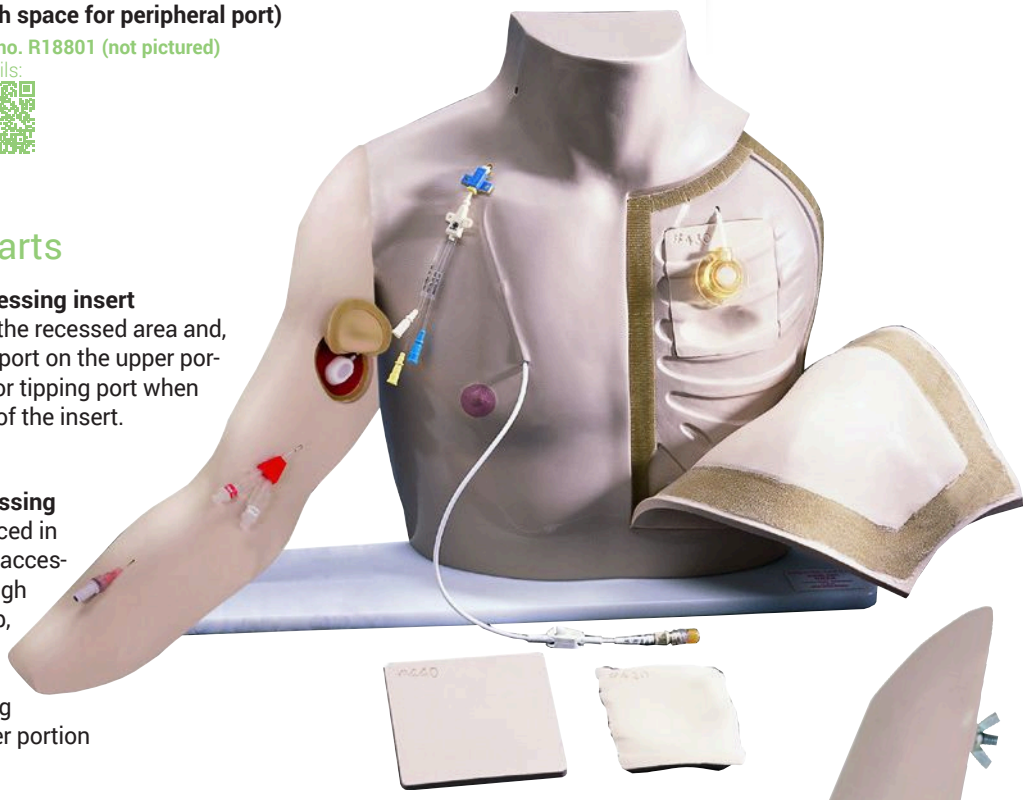
BEST SELLER

Chester Chest is a life-like model of a human torso, including a detachable right arm, that allows to learn and demonstrate competency with the most common types of long term vascular access devices (VAD's): implanted ports, central venous catheters (CVC's) and peripherally inserted central catheters (PICC's), within one simple, compact, and portable training model. All of the vascular access devices used are actual clinical devices not unrealistic imitations. This model offers a dramatically realistic tactile sensation when palpating the location of a port. This is achieved through a unique material duplicating the feel of human tissue. Additionally, inserts that come with the model permit the following difficult accessing to be practiced: deeply placed port, tilting or tipping port and wandering or shifting port. The distal ends of each device are attached to a simulated blood reservoir bag to permit fluid infusion or "blood" withdrawal. External jugular or subclavian catheters can be added through existing openings on the model. Chester Chest can be used in either an upright or supine position. Chester Chest is a complete unit consisting of a life-sized torso with neck and chin, detachable right arm, outer tissue flap, three difficult accessing inserts, an actual implanted port, CVC, PICC, openings for attachment of a subclavian or external jugular catheter, "blood" reservoir bags, tubing, talc baby powder and user's information.



Chester Chest with advanced arm
Ref.no. R18803
Details:

Chester Chest with standard arm (with space for peripheral port)
Ref.no. R18801 (not pictured)
Details:



Available spare parts

Chester Chest difficult accessing insert
An insert which is placed in the recessed area and, simulates a properly placed port on the upper portion of the insert or a tilting or tipping port when placed on the lower portion of the insert.
Ref.no. R18803A (not pictured)

Chester Chest difficult accessing insert. An insert which is placed in the recessed area and, when accessing the implanted port through the overlying outer tissue flap, simulates a properly placed port on the upper portion of the insert or a tilting or tipping port when placed on the lower portion of the insert.
Ref.no. R18803B (not pictured)



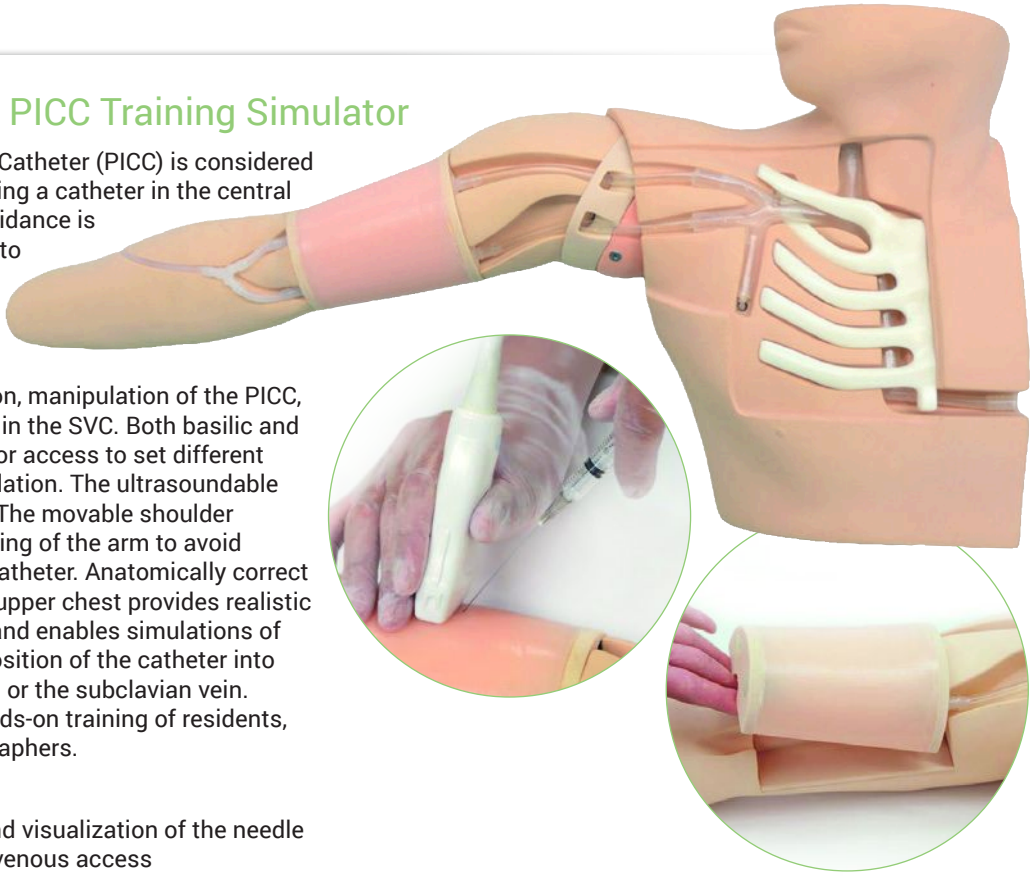
Chester Chest difficult accessing insert
A tissue insert, which when used in conjunction with the recessed R18802A insert and placed over the port, simulates a deeply placed device when accessed through the overlying outer tissue.
Ref.no. R18803C (not pictured)

Outer tissue flap replacement Ref.no. R18803D (not pictured)

Available options

Chester Chest optional carrying case (Soft-sided)
Protect, store and transport Chester Chest in this durable padded fabric bag with zipper. With a protective sleeve for arm.
Ref.no. R18803-1 (not pictured)

Ultrasound-Guided PICC Training Simulator



Peripherally Inserted Central Catheter (PICC) is considered to be a safe approach in placing a catheter in the central line and use of ultrasound guidance is recommended to reduce risk to patients. This brand-new simulator is the one and only model which provides training in full procedural skills from the needle insertion, manipulation of the PICC, to placement of the distal tip in the SVC. Both basilic and cephalic veins are prepared for access to set different levels of challenges in cannulation. The ultrasoundable puncture site is replaceable. The movable shoulder allows for training in positioning of the arm to avoid possible malposition of the catheter. Anatomically correct bifurcation of the vein in the upper chest provides realistic resistance of its outer walls and enables simulations of complications such as malposition of the catheter into the jugular, the thoracodorsal or the subclavian vein. The simulator is ideal for hands-on training of residents, specialist nurses and radiographers.

It has the following features:

- ✓ Excellent image quality and visualization of the needle tip for ultrasound guided venous access
- ✓ Movable shoulder
- ✓ Provides training in a variety of procedures from needle insertion to catheter tip placement
- ✓ „Flash-back“ confirmation of successful venous access
- ✓ Ribs and right clavicle are included to determine length of the catheter as well as providing anatomical understanding of a correct PICC tip location.
- ✓ Anatomically correct bifurcation of vein
- ✓ Simulation of malposition of the cannula

Ref.no. R16014
Details:



Port – “Body in a Box”

Port – “Body in a Box” is a low cost, compact, lightweight, quick to set up and store training model for the teaching and practice of palpating and accessing IVADs (Implanted Vascular Access Devices). Supplied with a real port, it is possible to simulate accessing the following IVAD placements: normal, “tipping”, “wandering” or deeply placed. Successful access is confirmed by a “blood” return, as the model has its own 35cc simulated blood reservoir bag neatly tucked inside. Can be accessed in or out of the case. No set-up or put away steps required. Great model to develop hand-eye coordination and gain condence that easily transfers to patient accessing!

includes:

- ✓ Practice Port
- ✓ Skin Flap
- ✓ „Tipping“ Insert
- ✓ „Floating/Wandering“ Insert
- ✓ Simulated Blood Reservoir

Ref.no. R18804
Details:



Breast plate for implantable port

BEST SELLER

This simulator is composed of a soft part representing the skin, under which a rigid plate is attached to protect the carrier from any possible sting resulting from an incorrect gesture. The implanted port and the blood bag are currently not supplied, but can be ordered separately if needed.

The model is held around the neck and waist of a person with adjustable straps. It allows practicing care procedures on an implanted port. The fact that it can be worn by a person increases considerably the realism of the exercise, as it adds the possibility to discuss with the “patient”, and to feel his movements and breathing.

Ref.no. R66520
Details:

Training port

This training port is designed for use in suitable puncture trainers. The port has a fluid supply that can be connected with a blood reservoir (not included). The port can be punctured with real needles. Not sterile, not for human use.

Ref.no. R11053
Details:





Vascular Access Ultrasound Phantom

The Vascular Access Ultrasound Phantom is an excellent training phantom for the introduction and improvement of the techniques and psychomotor skills associated with successful ultrasound-guided vascular accessing. The unique material is flesh colored with the tactile feel and puncture resistance of human tissue. The very durable phantom material can be accessed 1,000s of times, is self-healing and can be refilled with the supplied stain resistant simulated blood. There is no need for special handling or refrigeration of the phantom.

Ref.no. R11052
Details:

Hemodialysis Practice Arm

This valuable training aid is easy to set up and use to demonstrate preparing the patient's arm for hemodialysis. An established fistula is accessible and the system can be pressurized with artificial blood so that there is an actual flashback when a needle is introduced. The artificial blood approximates the pale shades usually common in dialysis patients. Skin and vein replaceable. Comes with transport case.

Ref.no. R10018
Details:



Peritoneal Dialysis Simulator

An accurate replica of a belly/pelvis torso for learning and practising, and also for demonstrating continuous ambulant peritoneal dialysis (CAPD). With Tenckhoff catheter and transport case. Size: 46 x 31 x 46 cm, weight: 9 kg

Ref.no. R10019
Details:



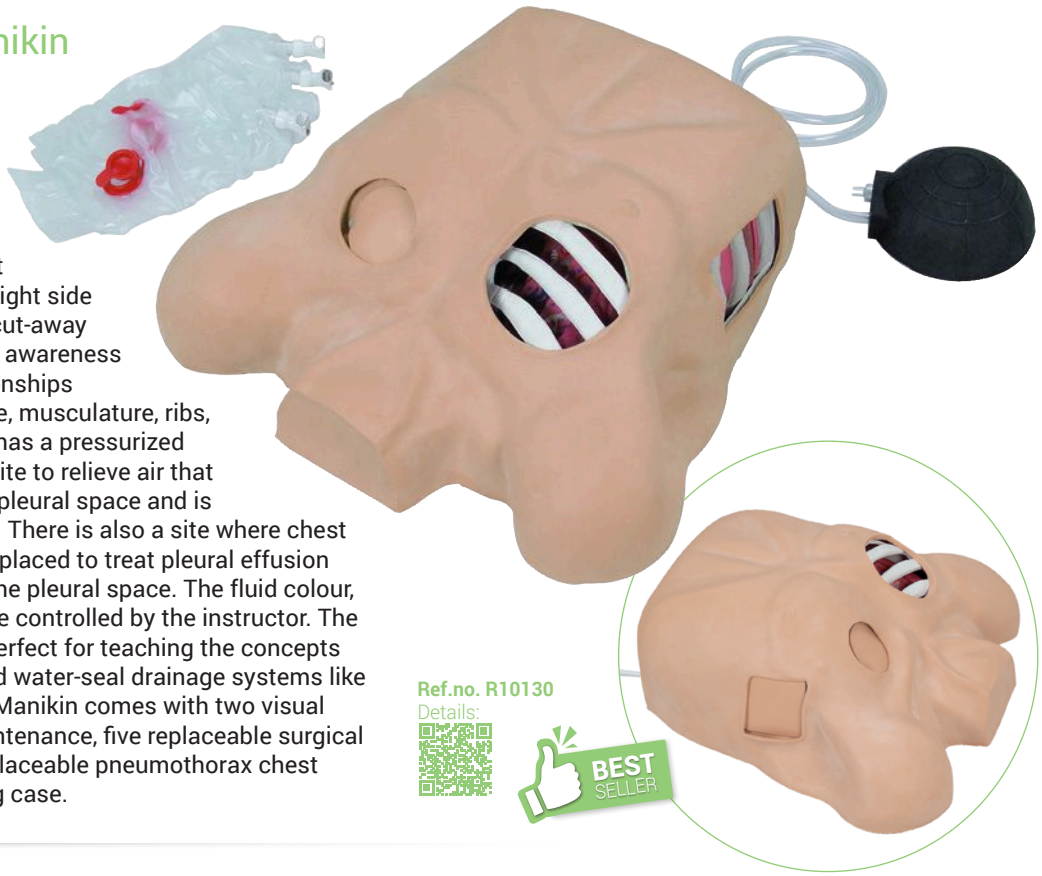
Pneumothorax Training Manikin

Recommended by EMT (Emergency Medical Training) instructors, this model permits instruction of the delicate procedure for successfully managing chest wounds in which a collapsed lung interferes with the victim's respiration and blood flow. The model accepts needle and thoracotomy in the second intercostal space, in the mid-clavicular line, the fifth intercostal space in the midaxillary line. A realistic training aid to practice proper needle insertion which enables built-up air pressure to escape the thorax. Delivered with foot pump, replacement pleural cavity and carrying bag, without procedural needle.

Ref.no. R10037
Details:



Chest Tube Manikin



Now there is a manikin designed specifically to teach the theory, anatomy, and skills needed to manage pre-hospital chest trauma, as well as ongoing chest tube maintenance. The right side of the manikin has two cut-away viewing areas to provide awareness of the anatomical relationships between the skin surface, musculature, ribs, and lungs. The left side has a pressurized tension pneumothorax site to relieve air that accumulated within the pleural space and is restricting lung inflation. There is also a site where chest tubes may be surgically placed to treat pleural effusion by draining fluids from the pleural space. The fluid colour, volume, and viscosity are controlled by the instructor. The Chest Tube Manikin is perfect for teaching the concepts and mechanics of closed water-seal drainage systems like "Pleur-Evac" type units. Manikin comes with two visual sites for chest tube maintenance, five replaceable surgical chest tube sites, five replaceable pneumothorax chest pads and a hard carrying case.

Ref.no. R10130
Details:

BEST SELLER



Chest Drain Simulator

Our chest drain trainer is a unique design, combining simulated tactile soft tissue within a practical and durable plastic casing. The practice and training of clinical and surgical techniques can be realistically achieved. The identification of anatomical landmarks, such as the sternal notch and intercostal (rib) spaces. The students can make surgical incisions through the simulated soft tissue. Blunt dissection can be practiced with forceps. Complete finger rotation is possible. Practice realistic Pneumothorax between ribs 2 and 3 (where the release of air can be clearly heard and felt). Pericardiocentisis, where fluid can be aspirated into a syringe. This is to demonstrate removal of blood from the pericardium. Ease of use: The simulator is accessible and easy to handle. The outer casing opens via two metal clips making the replacement of component parts relatively easy. The casing stands on a series of sucker feet giving a firm and steady base on which to work.

Ref.no. R10078
Details:

Option:

Pleura Aspiration Effusion Kit

Enables practice of pleural aspiration/tap. Can be filled with different coloured fluids to demonstrate variable conditions.

Ref.no. R10078-1
Details:

Ultrasound-Guided Thoracentesis Simulator

The Ultrasound-Guided Thoracentesis Simulator features two types of puncture units: mid-scapular line access and mid- axillary line access.



It can be used for training of

- ✓ Patient positioning
- ✓ Recognition of anatomical landmarks by ultrasound
- ✓ Assessment of level and volume of pleural effusion
- ✓ Determination of insertion site
- ✓ Needle insertion and collection of the fluid

Features:

- ✓ Excellent ultrasound image.
- ✓ Ribs that can be palpated.
- ✓ Includes Strap-on puncture units to learn patient positioning and face-to-face communication.
- ✓ Body torso for one-man training.
- ✓ Two sites for access: right mid-scapular line and left mid-axillary line.
- ✓ Volume of pleural effusion can be controlled to set different levels of challenges.
- ✓ Aspiration of fluid
- ✓ Simulation of risks of complications
- ✓ Confirmation of puncture direction.

Ref.no. R16010
Details:



Ultrasound-guided thoracentesis simulator

Strap-on set: This simulator offers the same features as R16010, but is used as strap-on type only.

It offers the following features:

- ✓ Excellent ultrasound image.
- ✓ Ribs can be palpated.
- ✓ Realistic needle-tip resistance and needle-penetrating feeling.
- ✓ Simulation of risks of complications.
- ✓ Puncture pads can be strap-on for learning patient positioning and face-to-face communication.

Ref.no. R16011
Details:

Ultrasound-Guided Pericardiocentesis Simulator

This simulator allows trainees to insert the needle under ultrasound guidance, pierce the “pericardial sac” and aspirate pericardial fluid.
It can be used for training of the following skills:

- ✓ Patient positioning
- ✓ Visualization of pericardial fluid under ultrasound scanning
- ✓ Landmark palpation
- ✓ Needle insertion to the pericardial space
- ✓ Pericardial fluid aspiration

Features:

- ✓ Puncture pad is durable and replaceable
- ✓ Offers images for appropriate locations to practice the subxiphoid approach and the parasternal approach
- ✓ Realistic needle tip feeling when the needle pierces the “pericardial sac“.



Ref.no. R16012
Details:



Ultrasound-Guided Thoracentesis / Pericardiocentesis Simulator

This simulator is the combination between R16010 and R16012 and offers all features you can find in these two simulators. Using only one body, this product offers both training features at a reasonable price.

Ref.no. R16013
Details:

Thorax trauma simulator

This unique model combines the most important procedures in thorax trauma treatment. It is made of life-like silicone material and provides realistic training feeling to the student.

The following procedures can be trained:

- ✓ Thoracentesis (left and right)
- ✓ Thoracic drainage (left and right)
- ✓ Pericardiocentesis
- ✓ Cricothyrotomy (surgical or puncture)

Supplied with spongy support, artificial blood and soft case.

Ref.no. LM93
Details:

Consumables:

Neck cover, skin without cut, 10pcs pack
Ref.no. LM93B1

Neck cover, skin with cut, 5pcs pack
Ref.no. LM93B2

Thoracentesis puncture site, right
Ref.no. LM93CR

Thoracentesis puncture site, left
Ref.no. LM93CL

Thoracentesis puncture site, pair
Ref.no. LM93D

Thoracic drainage site, right, with cut
Ref.no. LM93ER

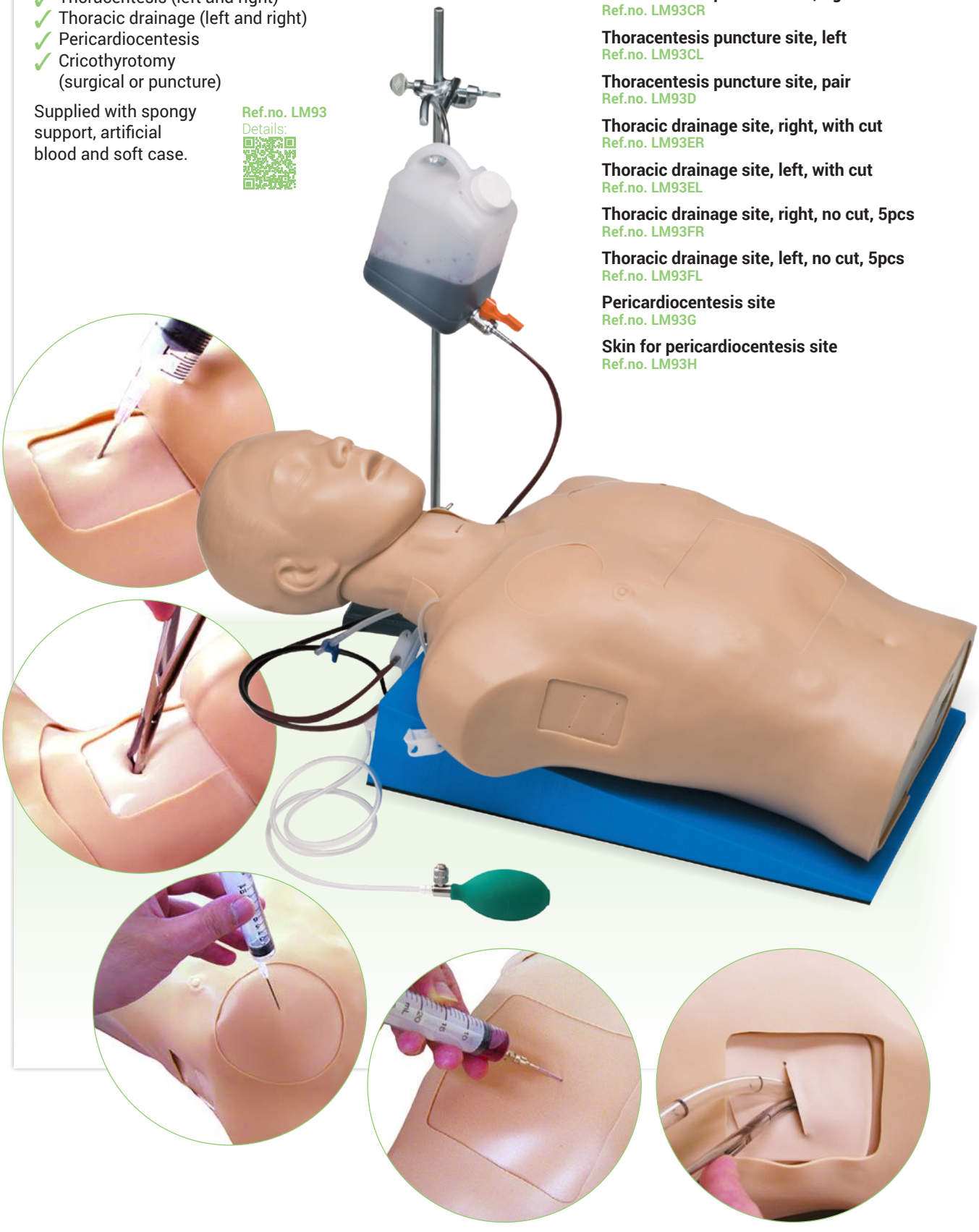
Thoracic drainage site, left, with cut
Ref.no. LM93EL

Thoracic drainage site, right, no cut, 5pcs
Ref.no. LM93FR

Thoracic drainage site, left, no cut, 5pcs
Ref.no. LM93FL

Pericardiocentesis site
Ref.no. LM93G

Skin for pericardiocentesis site
Ref.no. LM93H



ERLER ZIMMER
EXCLUSIVE



ECMO Trainer Professional

Simulator for training of extracorporeal Oxygenation. This training model features an arterial and venous circulation, both operated with automated pumps which can be adjusted in flow volume and pulsating rate. A real patient can be simulated with all possible conditions that may happen during the procedure. The model is suitable for VA- and VV-ECMO. The puncture and cannulation can be practiced using real materials and instruments. The arteries do have a lumen of 8 mm, the veins of 10 mm. This allows the use of common catheter types without any problems. The puncture pads (one each at left and right femoral puncture site and one at the jugular puncture site) are made of ultrasound capable material. This allows ultrasound control of the needle until it reaches the vessel tube. The Trainer can be used with a real ECMO machine and provides realistic fluid volume for realistic operation of the machine. The trainer also has contact points for 4-lead ECG. The contact points can be connected to a ECG simulator (not included). The veins also do have connectors for flow rate measurement.

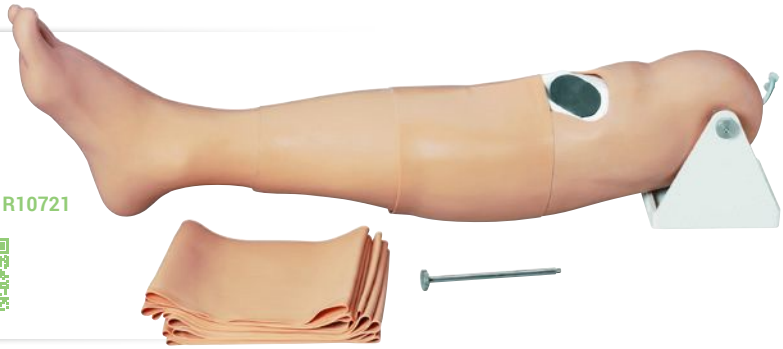
Because of the big diameters of the common cannulas big puncture holes are left after withdrawing the cannula, so the simulator has an integrated tube management system that allows the replacement of the vessel tubes within a few seconds and avoids the loss of precious training time due to vessel replacement. The tubing reservoirs are integrated into the models base invisibly, the base also works as lower part of the transport case with trolley rollers. The water reservoir and pump system are separated and can be connected to the trainer easily by quick lock connectors.

Ref.no. TF400
Details:

Intraosseous training leg adult

Lower leg of an adult with the opportunity of training intraosseous access. Improve your training and explain the whole procedure of intraosseous access. Bone and skin are replaceable. Aspiration of fluid is not possible.

Ref.no. R10721
Details:





Adult Intraosseous Infusion Simulator

Use to enhance training of intraosseous infusion procedures using B.I.G. and EZ-IO devices or almost any other intraosseous infusion devices available. The leg is fluid capable and a blood source is accessible through the injection site. Includes palpable landmarks, replaceable bones and skin, and a pressurized system to allow aspiration of fluid. Included with the simulator are 10 replaceable simulated bones, four replaceable skin pads, simulated blood, lubricating jelly, towels, I/O needle, and syringe with tubing in hard carry case.

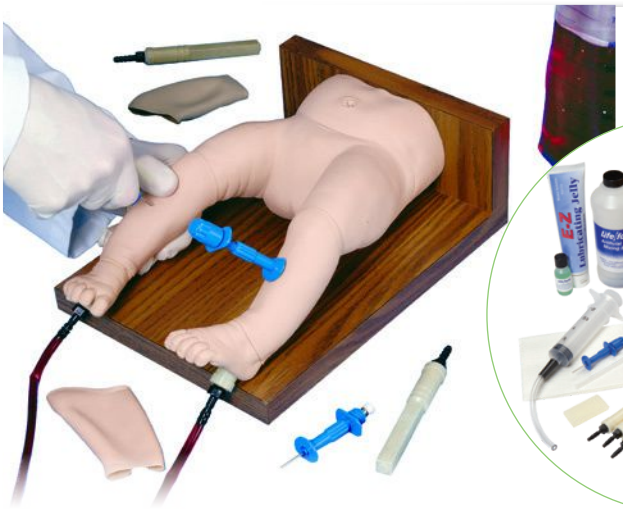
Ref.no. R10722
Details:

Child Intraosseous Infusion / Femoral Access Leg

The Intraosseous Infusion/Femoral Access Leg is mounted on a stand for use as an independent skills station. Features for intraosseous infusion practice include: palpable landmarks including the patella, tibia, and tibial tuberosity; replaceable bones and skin; and a pressurized system to allow aspiration of fluid. For femoral access, features include: palpable arterial pulse, realistic flashback from pressurized venous system, replaceable injection pad, and an articulated leg that allows proper positioning. 15-gauge intraosseous infusion needle included. Includes case.

Ref.no. R10143
Details:

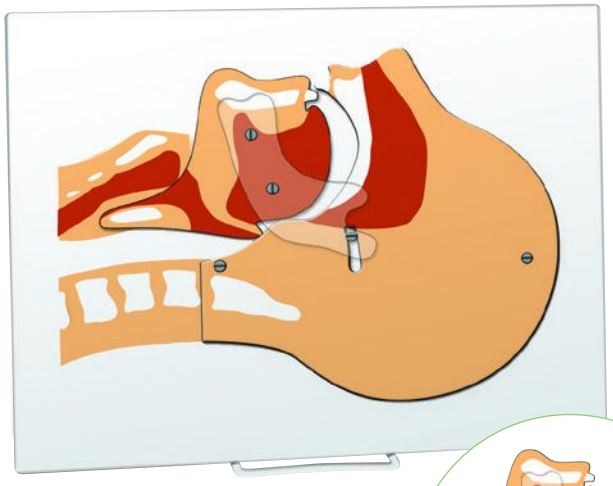


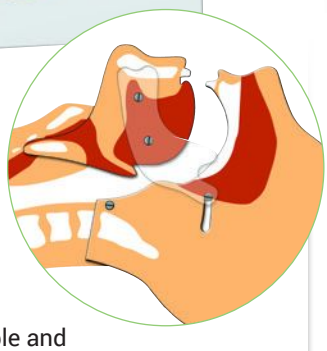


Intraosseous Infusion trainer, Infant

This lower body of a six-month-old infant has two intraosseous injection sites. The bones are connected with a tubing system to allow aspiration of blood. Supplied with 10 replacement bones, 2 replacement skins and a transport case.

Ref.no. R10041
Details:





Airway Simulation Board

The Airway Simulation Board allows instructors to effectively demonstrate a closed and open airway. Jaw and head are moveable and show accurate representation of the head tilt and airway opening or closing. Head is approximately the same size as a normal adult. Made of 5 mm Plexiglas.

Ref.no. R10142
Details:



Cricoid Stick Trainer



Needle and surgical cricothyrotomy skills can be practiced on this model with interchangeable rigid and soft tracheas.

- ✓ Anatomically accurate landmarks for site training
- ✓ Interchangeable tracheas facilitate realistic simulation of needle and surgical cricothyrotomy procedures. Rigid trachea with simulated lung
- ✓ Soft trachea with simulated lung
- ✓ Replaceable neck skin allows repeated practice
- ✓ Mounted on a base

Ref.no. R20015
Details:



Cricothyrotomy and Tracheostomy Trainer „Frankfurt“

This universal trainer facilitates the training of Cricothyrotomy as well as Percutaneous Tracheostomy. It features a replaceable trachea and skin cover. Because of its special construction the skin cover is adjustable, allowing multiple procedures with only one skin cover. The trachea can be used for Cricothyrotomy as often as you like, it only has to be replaced after performing a Tracheostomy training. The trainer can also be used for transtracheal jet ventilation. Includes: Trainer, 10 skin covers, 10 tracheae

Ref.no. R67110
Details:



Cricothyrotomy Trainer „Berlin“

This universal trainer facilitates the training of Cricothyrotomy. It features a replaceable skin cover and a moveable chin. Because of its special construction the skin cover is adjustable, allowing multiple procedures with only one skin cover. The skin cover consists of two separate layers to allow practicing the vertical and horizontal incision in surgical Cricothyrotomy. The trainer can also be used for transtracheal jet ventilation.

Ref.no. R67130
Details:

Cricothyrotomy Simulator



The newly designed Cricothyrotomy Simulator has been developed for learning and practicing the techniques necessary to perform needle or surgical cricothyrotomy procedures. Paramedics, EMTs, combat medics, night nurses, anesthesiologists, and other emergency medical personnel will have the opportunity to strengthen ability and confidence to perform or assist in implementing surgical airways. Anatomically accurate landmarks aid in site training and allow for fast action. The hyperextended neck allows the user to determine the proper incision site. The trachea in the simulator is replaceable, as the airway passes completely through from top to bottom. This allows checking the stylet and obturator placement once the incision has been made. Complete with a chin and full-size neck, ties can be used to hold the obturator in a secure position. Inflation of the simulated lung verifies correct placement. Includes the simulator with base, six replaceable neck skins, six adult trachea inserts (four rigid, two soft), six child trachea inserts (four rigid, two soft), two simulated lungs, instruction manual, and hard carry case.

Ref.no. R10723
Details:



Replacement Neck Skin (6 pcs)
Ref.no. R10723A

Replacement Trachea Set Adult (6 pcs)
Ref.no. R10723B

Replacement Trachea Set Child (6 pcs)
Ref.no. R10723C



Cricothyrotomy Task Trainer

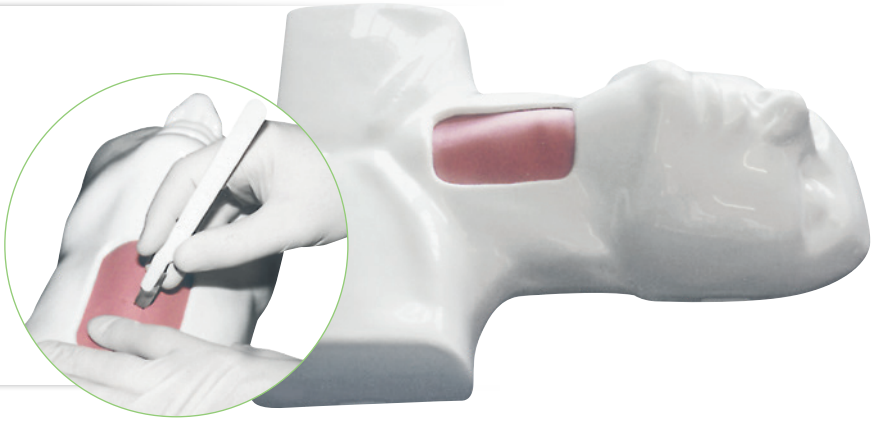
Learn, improve, and refine Cricothyrotomy skills with SurgiReal's newest trauma task trainer designed to give you the most realistic experience with the greatest value. Accurate and realistic landmarks allow for students to properly practice and perform cricothyrotomy to prepare for emergency surgical situations. Inside your package is 1 Neck Base, 1 Simulated Skin, 1 Simulated Thyroid Cartilage insert, 3 Simulated Thyrohyoid Membranes, as well as instructions for set-up, maintenance, and use of the model.

Ref.no. SRE0720
Details:

Cricotracheotomy Trainer

An innovative non biological trainer is the Cricotracheotomy Trainer that simulates the laryngeal body tissue. Use of a simple disposable trachea transforms the trainer into a very effective low cost system.

Ref.no. R10095
Details:





Adult Deluxe Airway Management Trainer with Board

This adult airway maintenance head utilizes lifelike skin. The feel and an anatomy emphasizing accurate visualization features makes this trainer the choice for advanced airway management with the convenience of board mounting. Features include laryngospasm and tongue edema. Both lungs and stomach are visible for easy determination of successful intubation. All the anatomical landmarks are shown and the vocal cords are highlighted for easy viewing. The upper teeth break out if inappropriate technique is applied during intubations. The board is anchored to surfaces by suction cup feet.

The cricoid area replacement skin allows for an economical way to teach and practice surgical airway techniques. All of the standard adjuncts for airway maintenance work in this model. No carotid pulse.

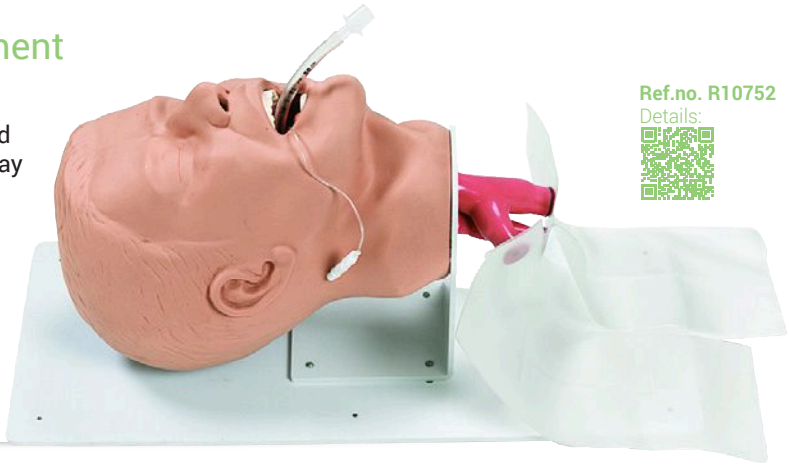
Product features:

- ✓ The only head of its kind
- ✓ New material - new design!
- ✓ More lifelike feel than older styles
- ✓ Material stretches more than human skin
- ✓ Will not be damaged by aggressive intubation
- ✓ Very flexible tongue
- ✓ Vocal cords reside in a neutral position

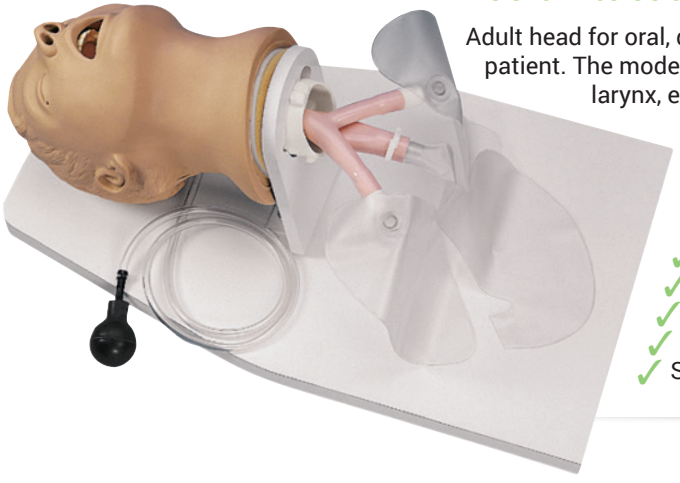
Ref.no. R10118
Details:

Economy Adult Airway Management Trainer with Board

This detailed adult intubation head comes mounted for clinical teaching and practice of advanced airway management. Intubation procedures and skills, including anatomy knowledge and recognition, endotracheal intubation, nasotracheal intubation, use of field emergency airway adjunct tubes like LMAs and Combitube, securing, suctioning, and maintenance of the installation can all be practiced with this unit. A soft carry bag, lubricant, and instructions for use are included.



Ref.no. R10752
Details:



Adult Intubation head

Adult head for oral, digital or nasal intubation training on a nonanesthesized patient. The model has anatomical structures like teeth, tongue, pharynx, larynx, epiglottis, vocal cords, trachea, lungs, oesophagus and stomach. Training opportunities:

- ✓ oral, digital and nasal intubation
- ✓ endotracheal
- ✓ oesophageal oral
- ✓ pharyngeal tracheal lumen
- ✓ combitube
- ✓ suction and ventilation techniques
- ✓ cuff inflation
- ✓ Sellick manoeuvre

Ref.no. R10014
Details:



By applying pressure on the cricoid cartilage, the position of the trachea is changed and the esophagus closes, allowing the Sellick Maneuver to be practiced realistically.



Larry Airway adult airway management trainer torso

Ref.no. R10190
Details:

The Airway Larry Airway Management Trainer simulates a nonanesthetized patient for practicing oral and nasal intubation. Realistic anatomical landmarks including teeth, tongue, oral and nasal pharynx, larynx, epiglottis, arytenoids, false cords, true vocal cords, trachea, lungs, esophagus, and stomach. CPR and airway management procedures may be performed. Manual carotid pulse. Comes with pump spray lubricant and disposable lower airway for the manikin.

Training options:

- ✓ oral, digital, and nasal intubation
- ✓ E.T., E.O.A. and P.T.L. tube
- ✓ L.M.A., E.G.T.A., Combitube®, and KING System
- ✓ Suction techniques and proper cuff inflation
- ✓ Sellick maneuver



Advanced Larry airway management trainer torso

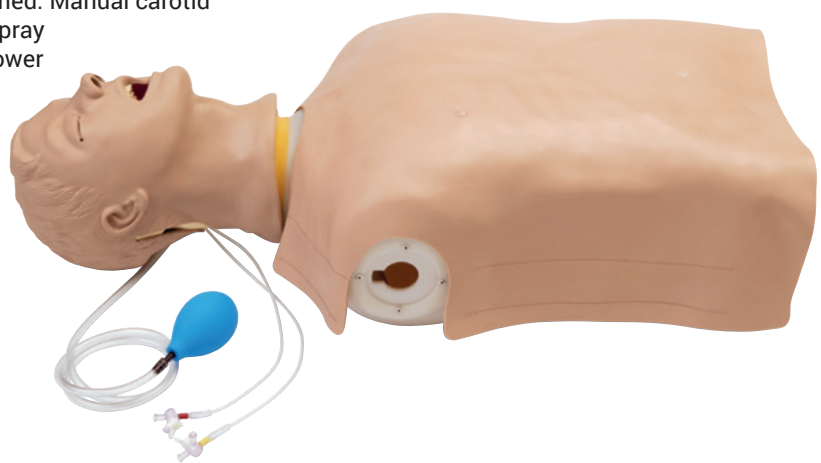
The Advanced "Airway Larry" Trainer offers tongue swelling and laryngospasm in addition to all the features on the standard Larry model. This airway management trainer simulates a nonanesthetized patient for practicing nasal and oral intubation. Realistic anatomical landmarks include teeth, tongue, oral and nasal pharynx, larynx, epiglottis, arytenoids, false cords, true vocal cords, trachea, lungs, esophagus, and stomach.

Mounted on a Basic Torso, CPR and airway management procedures may be performed. Manual carotid pulse. Comes with pump spray lubricant and disposable lower airway for the manikin.

Ref.no. R10191
Details:

The trainer allows you to practice:

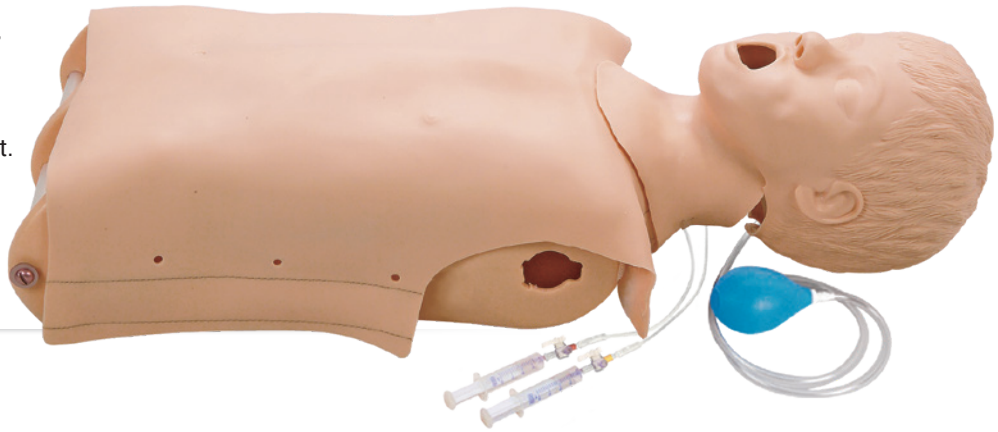
- ✓ difficult airway management
- ✓ oral, digital, and nasal intubation
- ✓ E.T., E.O.A. and P.T.L. tube
- ✓ L.M.A., E.G.T.A., Combitube®, and KING System
- ✓ Suction techniques and proper cuff inflation
- ✓ Sellick maneuver



Child CPR/Airway Management Torso

The CPR/Airway Management Torso is ideal for practicing intubation, ventilation, suctioning techniques, and CPR. This torso is designed to be the foundation of the Child CRiSis system (Ref.no. R10154/1, page 239) as arms, legs, and a defibrillation chest skin can be added later to provide IV access, intraosseous infusions, blood pressure monitoring, and ECG recognition and defibrillation training. Includes pump lubricant.

Ref.no. R10192
Details:



Larry Erwachsenen-Airway Management Trainer Ganzkörperpuppe

The Airway Larry Airway Management Trainer simulates a nonanesthetized patient for practicing oral and nasal intubation. Realistic anatomcal landmarks including teeth, tongue, oral and nasal pharynx, larynx, epiglottis, arytenoids, false cords, true vocal cords, trachea, lungs, esophagus, and stomach. Mounted on a basic CPR full body manikin. CPR and airway management procedures may be performed. Manual carotid pulse. Comes with pump spray lubricant and disposable lower airway for the manikin.

The trainer allows you to practice:
- ✓ oral, digital, and nasal intubation
- ✓ E.T., E.O.A. and P.T.L. tube
- ✓ L.M.A., E.G.T.A., Combitube®, and KING System
- ✓ Suction techniques and proper cuff inflation
- ✓ Sellick maneuver

Airway Larry adult airway nanagement trainer full body with electronics
can be used with CPR Metrix monitoring system, see page 233.

Ref.no. R10193
Details:

Airway Larry adult airway management trainer full body without electronics
No monitoring function.

Ref.no. R10193-1
Details:

By applying pressure on the cricoid cartilage, the position of the trachea is changed and the esophagus closes, allowing the Sellick Maneuver to be practiced realistically.





S.A.L.A.D. Simulator

Suction Assisted Laryngoscopy and Airway Decontamination (S.A.L.A.D.) simulator uses suction to enhance first pass success-laryngoscopy (FPS-L) with a non-anesthetized patient in active emesis.

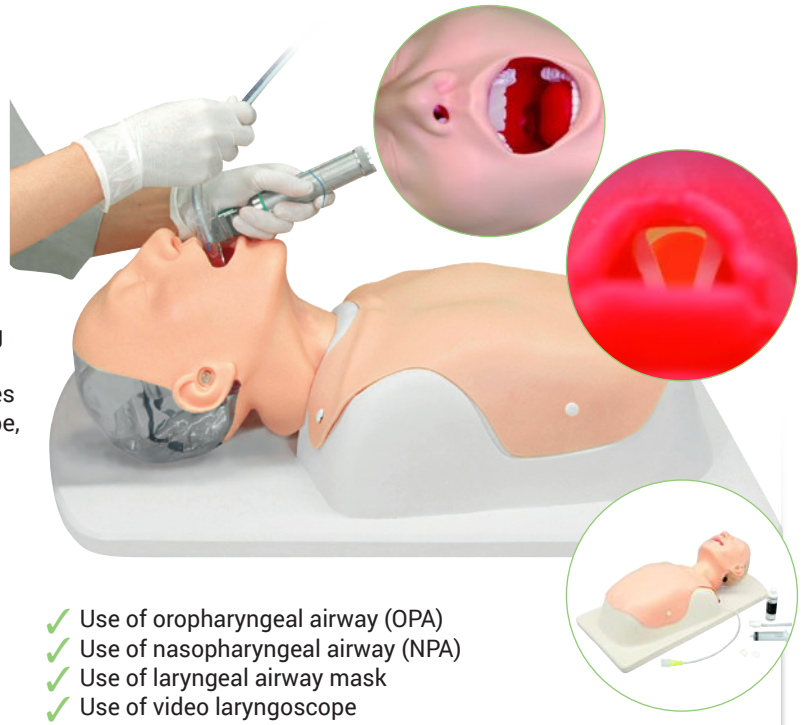
- ✓ Simulates a non-anesthetized patient for practicing intubation, ventilation, and suction.
- ✓ Practice oral, digital, and nasal intubation, as well as E.T., E.O.A., P.T.L, L.M.A., Combitube®, and King System insertion.
- ✓ Permits suction techniques, and proper cuff inflation with active emesis.
- ✓ Anatomy and landmarks include teeth, tongue, oral and nasal pharynx, larynx, epiglottis, arytenoids, false cords, true vocal cords, trachea, esophagus, and cricoid cartilage.
- ✓ Offers room to maneuver and a slightly anterior position, making the simulator great for introductoryclasses as well as advanced students.
- ✓ Apply cricoid pressure to change the position of the trachea and close the esophagus.
- ✓ Rigid suction catheter distracts lower mandible and tongue to permit laryngoscope insertion.
- ✓ Realistically practice the Sellick maneuver.
- ✓ Manual carotid pulse.
- ✓ Includes “Airway Larry” Adult Airway Management Trainer Head, suction canister with 2 right angle tubing adapters, gallon container with hand pump, two simulated latex-free lungs, thickener, rigid suction catheter, two 3-ft. (1 m) lengths of clear vinyl tubing, pump spray lubricant, 5 red caps with white fittings, tubing couplings, 5 pinch clamps, #10 spanner bit, and carrying case with handle.



Ref.no. R10013
Details:

Difficult Airway Management Simulator

The Difficult Airway Management Simulator provides training for users of all levels of experience with availability of 24 different cases. The robust structure and stable base make the model compatible for various training scenarios such as emergency, pre-hospital or clinical settings. A variety of real clinical devices can be used for training, such as a laryngoscope, bag valve mask, or a video laryngoscope.



Features:

- ✓ 24 variations of patient scenario (including 1 normal case)
- ✓ 3 stages of mouth opening, 2 stages of neck flexibility
- ✓ 2 tongue sizes and 2 positions of the vocal cords
- ✓ Upper incisors are designed to break off when excessive force is applied.

Training Skills:

- ✓ Airway opening techniques (head tilt, jaw thrust)
- ✓ Bag-Valve-Mask ventilation
- ✓ Pre-intubation airway assessment
- ✓ Recreating the sniffing position
- ✓ Pressurization of external larynx to improve the laryngeal view
- ✓ Oral/Nasal Intubation
- ✓ Use of oropharyngeal airway (OPA)
- ✓ Use of nasopharyngeal airway (NPA)
- ✓ Use of laryngeal airway mask
- ✓ Use of video laryngoscope
- ✓ Confirmation of successful intubation by observation of thoracic and abdominal movement (lung expanding, stomach inflating) or auscultation of the chest
- ✓ Simulates incorrect procedures including intubation in the esophagus and unilateral intubation
- ✓ Practice securing tubes after intubation

Comes with carrying bag, lubricant,
3 replacement incisors and instructional manual.

Optional: Bronchial tree for bronchofiberscopy
Ref.no. R16060-1

Ref.no. R16060
Details:



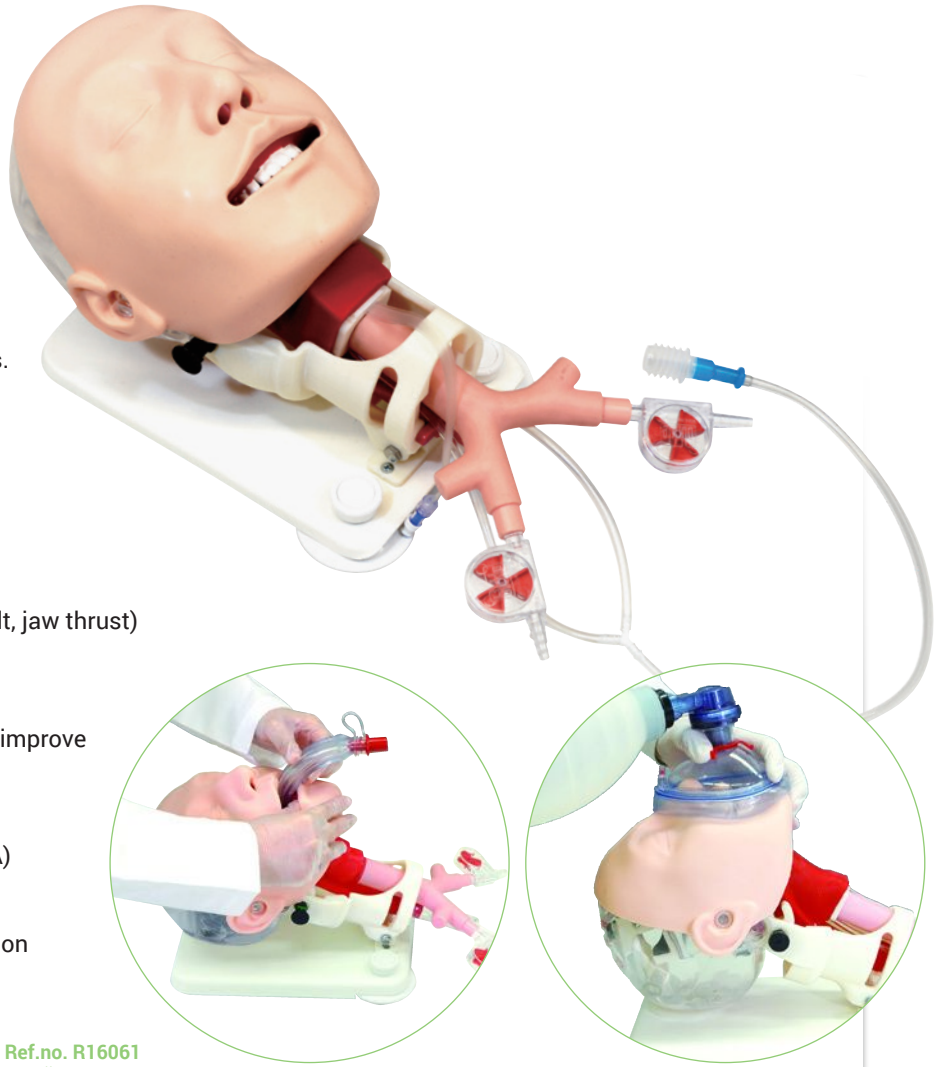
Difficult Airway Management Simulator for Bronchofiberscopy

This trainer allows for realistic training in insertion and management of a fiberscope. Anatomically correct trachea and bronchi provide realistic view through a scope, allowing recognition of bronchus and bifurcations for segmental bronchi.

Training Skills:

- ✓ Insertion and management of a fiberscope
- ✓ Recognition of bifurcations by a fiberscope
- ✓ Airway opening techniques (head tilt, jaw thrust)
- ✓ „Sniffing position“

Ref.no. R16062
Details:



Demonstration Model Difficult Airway Managementt

Compact table-top design, anatomical accuracy and a variety of Difficult Airway Management settings. Ideal for demonstration of skills and devices.

Features:

- ✓ Anatomically correct airway
- ✓ The incisors break when excessive force is applied.
- ✓ Successful tube tip placement can be confirmed by indicators.

Training Skills:

- ✓ Airway opening techniques (head tilt, jaw thrust)
- ✓ Bag-Valve-Mask ventilation
- ✓ Pre-intubation airway assessment
- ✓ „Sniffing position“
- ✓ Pressurization of external larynx to improve the laryngeal view
- ✓ Oral/Nasal Intubation
- ✓ Use of oropharyngeal airway (OPA)
- ✓ Use of nasopharyngeal airway (NPA)
- ✓ Use of laryngeal mask airway
- ✓ Use of video laryngeal scope
- ✓ Confirmation of successful ventilation by indicators
- ✓ Feedback of incorrect procedures including esophagus intubation and unilateral intubation
- ✓ Securing the tube in place with tape or Thomas™ endotracheal tube holder

Ref.no. R16061
Details:





Airway Management Trainer

Realistic practice is the key to developing proficiency in airway management skills. The Airway Management Trainer's offers the following Training opportunities:

- ✓ Practicing of oral and nasal intubation
- ✓ Practicing use of LMA (Laryngeal Mask Airway) and Combitube®
- ✓ Demonstration of Sellick Maneuver and laryngospasm
- ✓ Bag-Valve-Mask ventilation
- ✓ Stomach inflation and vomiting can be simulated
- ✓ Provides visual inspection of lung expansion
- ✓ Provides auscultation of breath sounds



Ref.no. R20010
Details:



Airway Management Trainer

The adult intubation trainer is ideal for Airway management training. It has realistic and lifelike anatomy, which is exposed by a lateral opening on the left half of the face. The intubation process can be observed closely and corrected if necessary. The transparent walls of pharynx and trachea additionally offer a perfect control opportunity. Easy access to the airways. The head can be lifted and tilted. The foam pillow is used as padding under the head to create an optimal starting position. The Esmarch maneuver can be carried out in an anatomically correct manner. The trainer is suitable for nasal and oral intubation with different products such as ET tube, Laryngeal mask, Laryngeal tube and Combitube. In addition, suction techniques at pharynx and trachea can be practiced. Acoustic signals are tooth and stomach alarm.

Ref.no. R30080
Details:

Airway Trainer

This handheld device offers a convenient and affordable method for basic life support instructors to show students the sizing and intubation of upper airway devices such as oropharyngeal, nasopharyngeal, and larynx mask airways.



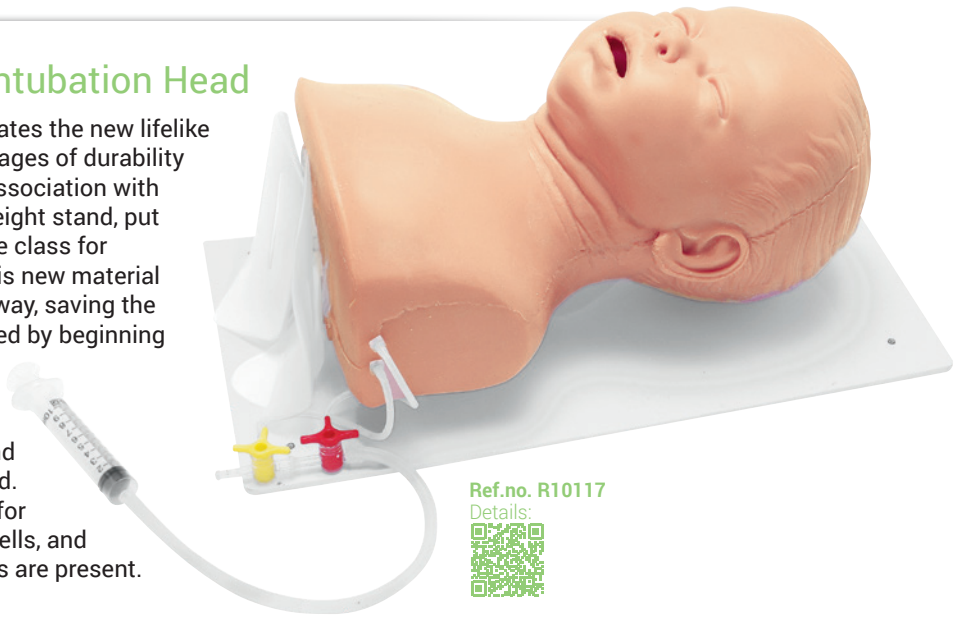
Infant
Ref.no. R10751
Details:



Adult
Ref.no. R10750
Details:

Advanced Infant Intubation Head

This station trainer incorporates the new lifelike skin technology. The advantages of durability and lifelike appearance, in association with the convenience of a lightweight stand, put this device at the head of the class for pediatric airway training. This new material eliminates tearing of the airway, saving the need for costly repairs caused by beginning student intubation attempts. Translucent property allows for lifelike illumination of the airway and neck as the skill is attempted. Vocal cords are highlighted for easy viewing, the tongue swells, and all the anatomical landmarks are present.



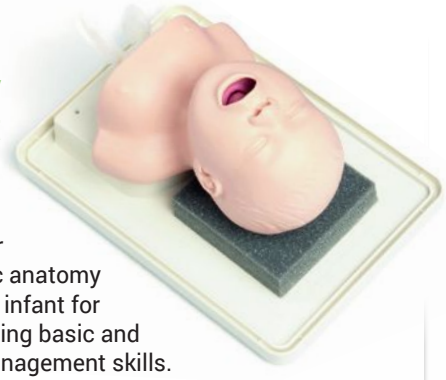
Ref.no. R10117
Details:



Neonatal Intubation Trainer

This Neonatal Intubation Trainer allows teaching of intubation skills on the newborn baby. Robust and realistic, this model allows students to undertake training that is directly transferable to the clinical setting. Realistic anatomy of a newborn baby. Intubation (oral and nasal). Bag-Valve-Mask ventilation. Correct tube placement can be checked by practical inflation test.

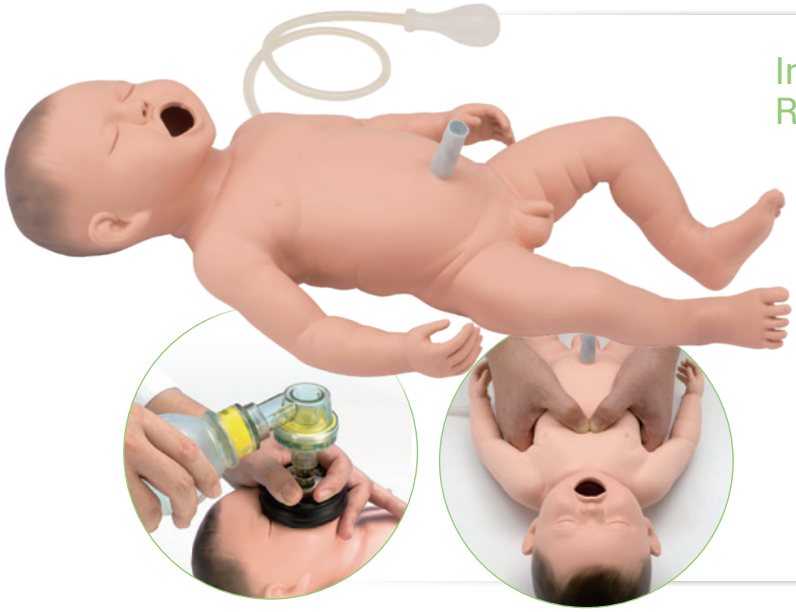
Ref.no. R20011
Details:



Infant Airway Management Trainer

The Infant Airway Management Trainer provides the realistic anatomy of a three-month-old infant for teaching and practicing basic and advanced airway management skills. Realistic representation of human anatomy, tissue, and skin material.Realistic anatomy of the tongue, oropharynx, epiglottis, larynx, vocal cords, and trachea. Bag-Valve-Mask ventilation can be practiced. Sellick Maneuver can be performed. Practicing of oral and nasal intubation. Practicing use of LMA (Laryngeal Mask Airway). Realistic tissue simulation. Correct tube placement can be checked by practical inflation test. Stomach inflation.

Ref.no. R20012
Details:



Intubation- and Reanimation Neonate

Life size Neonate with the opportunity of intubation and bag valve mask ventilation as well as chest compression.

Features:

- ✓ Use of intubation tube or laryngeal masks
- ✓ Recognition of one-sided lung intubation
- ✓ Bag valve mask ventilation
- ✓ Oral and nasal suction practice
- ✓ Chest compression
- ✓ Umbilical vein catheterisation
- ✓ Determination of heart rate at umbilical cord (manual)

Ref.no. LM89
Details:

CHOKING MANIKINS

This life-size torsos allow practicing abdominal/chest thrust back blow procedures (Heimlich manoeuvre) and mouth sweep for clearing a blocked airway. When correct procedures are performed, the manikin will expel the object causing an obstruction. Made of durable vinyl to create tactile realism.

Features include:
Anatomical landmarks such as ribcage, xiphoid process and jugular notch. Supplied with choking objects, shirt and soft carrying bag.

Infant manikin

Ref.no. R10141
Details:

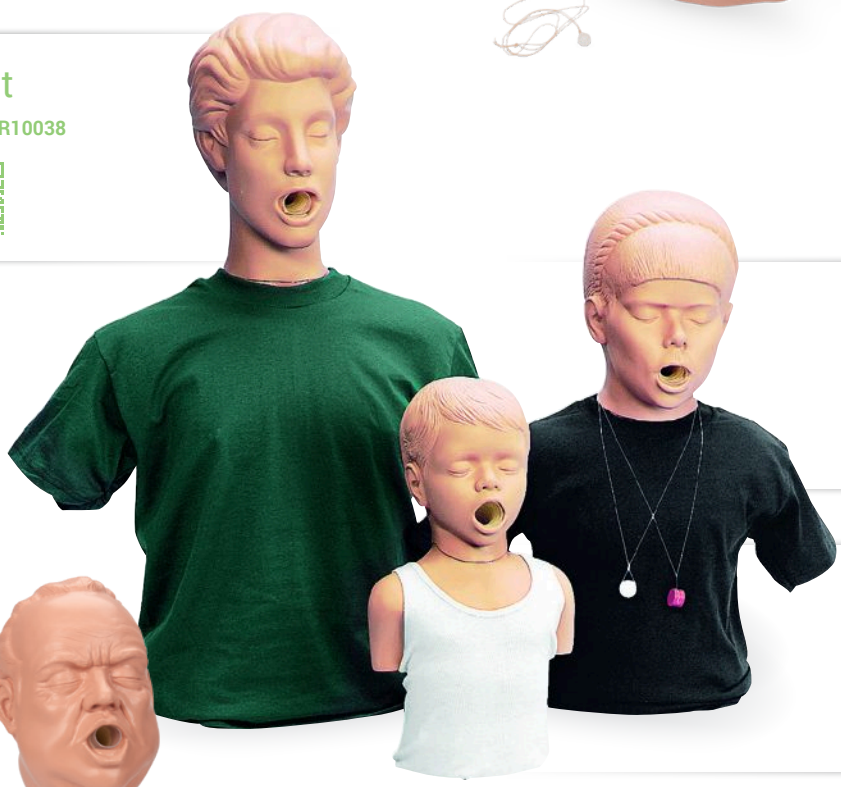


Adult

Ref.no. R10038
Details:

Adolescent

Ref.no. R10039
Details:



Child

Ref.no. R10040
Details:





Obese manikin

Ref.no. R10140
Details:



Ambu Man School

This training manikin allows realistic and guideline compliant training of external chest compressions and the placement of AED pads in order to get used in the handling of AED's. The unique hygienic system prevents cross contamination when demonstrating and training of the principals of ventilation through mouth and nose.

10 er Set
Ref.no. R30040
Details:

Basic Buddy CPR Manikin

The Basic Buddy CPR Manikin is an inexpensive manikin designed for teaching the techniques of CPR. This manikin offers an affordable way to provide each student with a CPR manikin. The one-piece, disposable lung/mouth protection system makes this manikin completely sanitary - there is no risk of cross contamination and no need to sanitize the manikins after use! The airway opens using the head tilt/chin lift method, and there is a visible chest rise when ventilated. The xiphoid process provides an anatomical reference point.

Basic Buddy,
Includes 10 airways
Ref.no. R10090
Details:

Basic Buddy 5 pack: 5 Manikin,
Carry bag, 50 airways
Ref.no. R10090-1

Basic Buddy 10 pack: 10 Manikin,
Carry bag, 100 airways
Ref.no. R10090-2



Basic Buddy Plus

Enables accurate and effective training with apps and sensor kit. Student and instructor apps provide real-time feedback and feature adult capabilities, as well as a realistic interface. Basic Buddy manikin simple to assemble and maintain. Provides an open airway using the head-tilt/chin-lift method with a visible chest rise when ventilated. Xiphoid process provides anatomical reference point for hand placement and compressions. The Training data is saved digitally on the phone or tablet.

Ref.no. R11090
Details:

Pack of 5pcs
Ref.no. R11090-5



CPR Prompt Plus

Professional-quality, 2019 AHA Compliant manikin at a fraction of the cost. Heartisense Solutions enables accurate and effective training with apps and sensor kit. Student and instructor apps provide real-time feedback and feature adult capabilities, as well as a realistic interface. Comprehensive manikin design allows for practice of Heimlich maneuver, as well as CPR and mouth-to-mouth breathing. Realistic anatomical markings make it easy to learn correct hand placement for checking pulse and performing chest compressions. Delivers the head-tilt/chin-lift method to open the airway or simulate obstructed airway with a visible chest rise when ventilated.

Ref.no. R11092
Details:

Prompt Plus 5pack
Ref.no. R11092-2

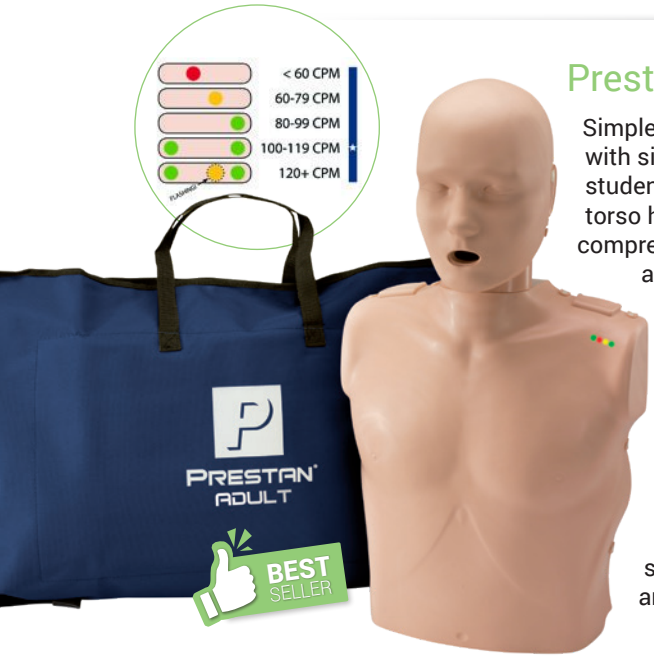


Prestan Ultralite Manikin

Prestan is pleased to offer the newest and most portable manikin, the Ultralite Manikin. The Ultralite Manikin is amazingly easy to set up and is sold in a convenient and lightweight 4-pack for efficient training-on-the-go. This durable manikin offers an affordable tool for CPR training, with all the quality and realism you expect from Prestan. Features:

- ✓ Uniquely fast and easy set-up
- ✓ Stackable torsos and heads generate a compact package for transporting multiple units
- ✓ Clamshell opening provides easy access
- ✓ Manikin is easy to clean
- ✓ Vinyl and latex free
- ✓ Compatible with AED Trainer pads
- ✓ Anatomically correct design includes xyphoid process
- ✓ Realistic chest compressions to a 5cm depth
- ✓ Life tested to a half-million compressions
- ✓ Realistic head tilt
- ✓ Visible chest rise with lung bag use
- ✓ Unique torso design for realistic feel
- ✓ Prestan manikins comply with latest AHA, ARC and ERC guidelines.

Ref.no. R19050
Details:



Prestan CPR Torso with indicating function

Simple to use CPR Manikin with sanitary airway/face shield. For use with single students using the sanitary airway/face shield or for multiple studens use with optional filtered face shield to avoid infections. The torso has a built-in indication function for compression depth and compression rate. The correct compression depth is indicated by an audible „click“ sound, the compression rate by a multi-colour light display. Up to 60 compressions per minute a red light lights, above the light changes to orange. If the student reaches 80 compressions per minute this is shown by one green light. Reaching 100 compressions per minute is indicated by two green light meaning the compression rate is ok. If the student slows down the colours change backwards. If the compression depth is not enough, the lights are shut off immediately and one red light is flashing. The model is supplied with a carrying bag, is easy to clean and needs no special service. The model comes with torso, carrying bag and 10 sanitary airway/face shields.

Ref.no. R19100
Details:

Pack of 4pcs
Ref.no. R19100-1

Prestan 2000 CPR Torso with additional App

The same high quality, realistic Professional Adult Manikin is now available with Advanced Feedback including Rate, Depth, Recoil, Ventilation and Hands-Off Time via a Bluetooth® enabled PRESTAN CPR Feedback app available on both Apple and Android devices.

Ref.no. R19700
Details:









Little *Anne* QCPR

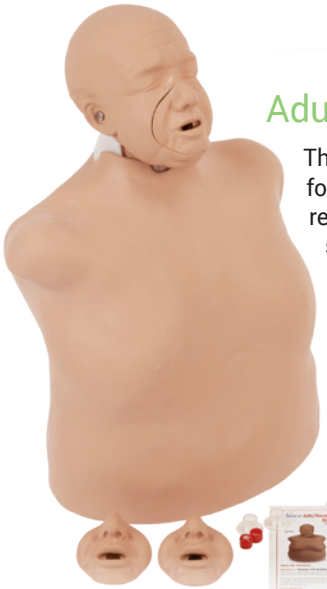
Now available with built-in sensors, results can be displayed in real-time by Learner- or instructor app

The proven training model Little Anne is now available with real-time-feedback with free app.

- ✓ Perfect for basic CPR training with the educational goal to teach qualified CPR knowledge
- ✓ Realistic anatomical landmarks provide the essential features necessary to teach adult CPR techniques
- ✓ Oral and nasal passages allow realistic nose pinch required for mouth-to-nose ventilation
- ✓ Opening the airway by head tilt/chin lift technique
- ✓ Economical disposable airways, removable and reusable

BEST SELLER

Ref.no. R20051
Details:



Adult CPR Torso, obese

This economical CPR manikin is constructed of soft, realistic vinyl plastic over polyurethane foam for a "human" feel. Features include a longer torso for realistic abdominal thrusts, realistic head tilt and chin lift for opening airway, can easily be manipulated to realistically simulate airway obstruction or choking situations, and a user-friendly lung/airway design that eliminates cleaning. Includes kneeling pads and carry bag, three mouth/nose pieces and three disposable lung/airway systems. This model has the same technical features as R10054 but has a different optical appearance. Since many of the typical victims are over weighted and older this model makes the training closer to life.



Ref.no. R10051
Details:

Mouth/Nose pieces, 10pcs
Ref.no. R10051A

Airway Systems, 24pcs
Ref.no. R10051B

Ambu Man Compression

The manikin allows an optimal training of the external chest compression, which is in the focus of the education of modern BLS algorithms. Additionally the manikin can be used for realistic training of the placement of AED pads in order to get used in the handling of AED's. The AmbuMan Compression 5 pack is optimal for class training.

Set of 5pcs
Ref.no. R30045
Details:

Comes with additional head for a more lifelike appearance. 5 pack:
Ref.no. R30045-1



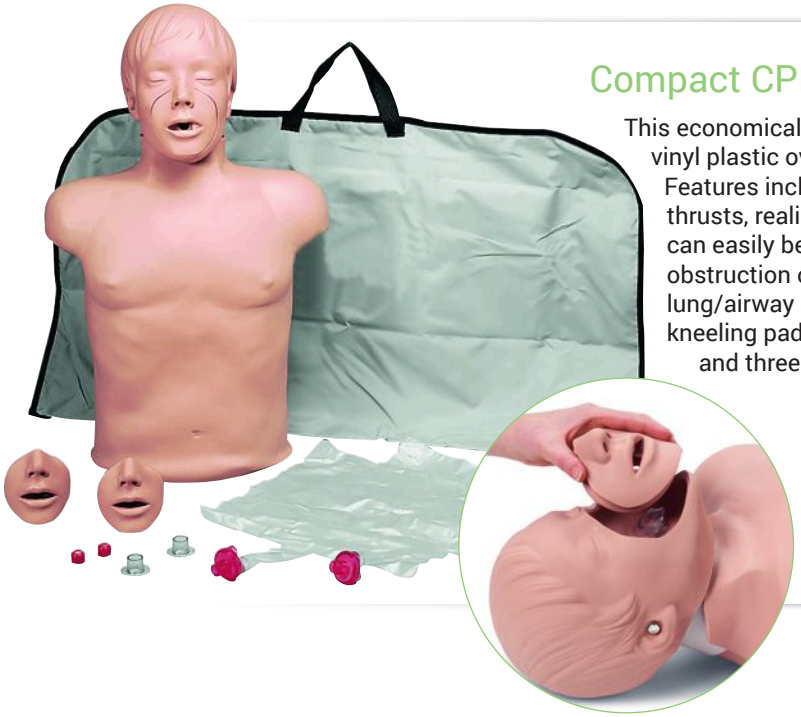
Econo VTA (Visual Training Assistant) CPR Trainer

Train your CPR skills simple and cost effective!

- ✓ Simple face shield lung system means no cleaning, disinfecting, or disassembly is required
- ✓ Features head tilt/chin lift feature for opening the airway, tough vinyl skin for extended service, and a foam-filled torso for resistance to compressions
- ✓ Palpable landmarks ensure proper hand placement
- ✓ Observable chest rise verifies ventilation
- ✓ Rate light comes on when the correct rate is achieved
- ✓ Second light comes on to show correct depth with proper release
- ✓ Both lights on indicate the delivery of quality CPR
- ✓ Includes three airways and instructions



Ref.no. R10068
Details:



Compact CPR Training Manikin *Brad*

This economical CPR manikin is constructed of soft, realistic vinyl plastic over polyurethane foam for a "human" feel. Features include a longer torso for realistic abdominal thrusts, realistic head tilt and chin lift for opening airway, can easily be manipulated to realistically simulate airway obstruction or choking situations, and a user-friendly lung/airway design that eliminates cleaning. Includes kneeling pads and carry bag, three mouth/nosepieces and three disposable lung/airway systems.

Ref.no. R10054
Details:

Brad with Light Controller
Ref.no. R10059
Details:

AmbuMan Basic

The AmbuMan Basic is a cost-efficient training device that is tailored to the needs of BLS algorithm training.

- ✓ Visualization of the correct compression depth
- ✓ Ambu hygiene system avoids cross-infection
- ✓ Realistic ventilation is only possible if head is tilted, visible lifting and lowering of the thorax
- ✓ cost efficient and reliable



Ref.no. R30050
Details:

Prestan AED Trainer Plus

This AED trainer offers everything you expect from an AED trainer. Platform independent, rugged, economically priced, and with low consumables cost it is the perfect AED trainer for everyone doing AED training. It comes with two languages (English/German), which can be switched easily pressing a button. Pre-programmed scenarios cover the whole range of training. The teacher can pause the scenario at any time to comment the training. The scenario continues at the same position after pause function is deactivated. The model contains the current guidelines and can be updated at any time by simply changing the easy to replace module. The pads do have a sensor indicating whether they are attached or not. Exchanging the pad is easy because of a simple connecting system. Easily switch from automatic or semi-automatic mode to match the AED on site.

Ref.no. R19500
Details:

Remote control for AED trainer
Ref.no. R19500-1

Replacement pads, 1 pair
Ref.no. R19500A





Prestan AED UltraTrainer

The Prestan AED UltraTrainer is the most accurate representation of how current AEDs in the marketplace perform. This compact and lightweight unit will give students a realistic training experience with training pads that sense when they are placed on a manikin. Instructors can customize their training classes with options to turn on or off the compression metronome and/or the “give breaths” voice prompt.

- ✓ Prestan is the First and Only Universal AED Trainer with adult and child mode
- ✓ Automatic or Semi-Automatic shock simulation
- ✓ Two languages (ENG/GER)

Ref.no. R19550
Details:

Resusci *Anne* First Aid

The Resusci Anne for First Aid offers optimal realism in adult First Aid education. With its modular construction, students can also quickly sharpen their trauma treatment and extrication skills by adding the First Aid or Rescue limbs for a more true-to-life training exercise.

Consumables:
Replacement face skins, set of 6
Ref.no. R20060A

Replacement airways, set of 24
Ref.no. R20060B

Resusci Anne First Aid torso
Ref.no. R20060
Details:

Resusci Anne First Aid full body
Ref.no. R20065
Details:



Including a trolley case for transport and storage.



Resusci Anne QCPR

Resusci Anne® QCPR® sets a new standard for high quality CPR training. The new feedback devices provide learners and instructors with clear feedback on how to improve their performance, the opportunity to improve competency through debriefing, new possibilities to coach even more effectively and to save and analyze training records.

Available Versions:



Resusci Anne QCPR torso
With carry bag
Ref.no. R20082
Details:

Resusci Anne QCPR torso with airway head
With carry bag
Ref.no. R20083
Details:

Resusci Anne QCPR full body
With transport trolley
Ref.no. R20084
Details:

Resusci Anne QCPR full body with airway head
With transport trolley
Ref.no. R20087
Details:

Resusci Anne QCPR torso AED
Can be used with Laerdal AED trainers. With carry bag.
Ref.no. R20088
Details:

Resusci Anne QCPR torso AED with airway head. Can be used with Laerdal AED trainers. With carry bag.
Ref.no. R20089
Details:

Resusci Anne QCPR full body AED
Can be used with Laerdal AED trainers. With transport trolley.
Ref.no. R20092
Details:

Resusci Anne QCPR full body AED with airway head. Can be used with Laerdal AED trainers. With transport trolley.
Ref.no. R20093
Details:



Available display units:

Skill Guide
Ref.no. R20180
Details:

SimPad Plus Skillreporter
Ref.no. R20191
Details:

ShockLink

is the simple solution for defibrillator training with every manikin. With ShockLink you have the opportunity to learn all important skills for CPR. The ShockLink cable is connected to training defibrillation pads and a defibrillator. The delivered shock is absorbed in the ShockLink cable. Because of this no other training model with contacts or load box is needed. Perfect for use with Resuscie Anne AED models. Using this model and the SimPad Plus the ECG can be controlled with the SimPad Plus directly.



Ref.no. R20160
Details:

CPR trainer full body



This easy to transport manikin allows the practice of adult CPR techniques. Optionally child CPR can also be practiced by changing the supplied springs inside the model. Individual student face masks with a one-way non-rebreathing valve and disposable airways provide maximum protection against cross-contamination. Supplied with a washable jogging suit, child springs, 10 disposable lower airways, 10 disposable tracheal airways, five sanitary face masks and a carrying case.

Features include:

- ✓ Palpable anatomical landmarks (xiphoid, navel, nipples and rib cage)
- ✓ Adult CPR training with optional child springs
- ✓ Fully articulated head, neck and jaw
- ✓ Palpable carotid pulse
- ✓ With electronic connections

Full body
Ref.no. R10052
Details:



Torso
Model like R10052, but without legs.
Ref.no. R10052-4
Details:

Available supplies:

Replacement face masks, 5 pcs, Ref.no. R10052A
Replacement face masks, 25 pcs, Ref.no. R10052B
Spare Valves for face mask, 25 pcs, Ref.no. R10052C

Disposables:

Upper Airway, 10 pcs, Ref.no. R10052D
Lower Airway, 10 pcs, Ref.no. R10052E

Feedback software for this manikin can be found on page 233.



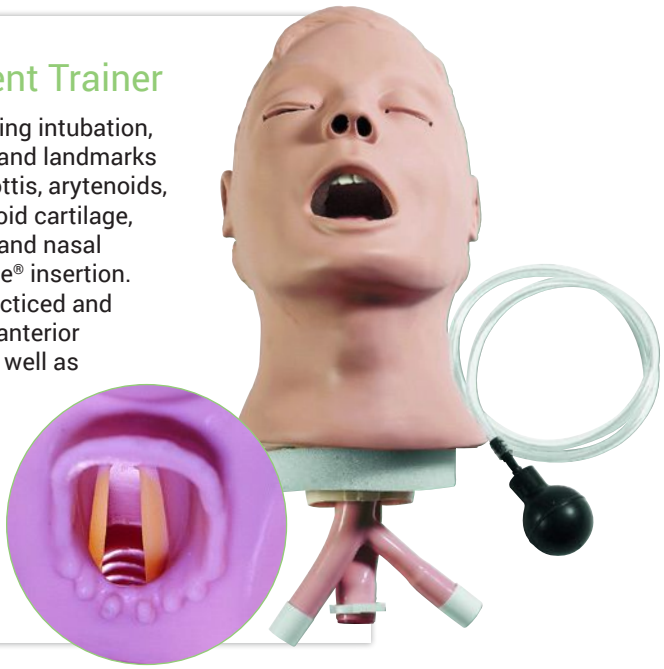
Injectable Training Arm

This famous IV Arm is available in a version that connects to the right arm socket of the R10052 manikins. Features realistic vinyl skin and latex veins so the skin actually rolls as you palpate the vein, and the characteristic “pop” can be felt as the needle penetrates the vein. Realistic flashback occurs with proper insertion. The arm pivots at the elbow for easy accessibility to antecubital fossa, along the forearm, and at the back of the hand. A bony landmark at the shoulder helps identify muscle tissue for intramuscular injections.

Ref.no. R10052-5
Details:

Replacement skin and vein
Ref.no. R10052-5A
Details:

Airway *Larry* Adult Airway Management Trainer



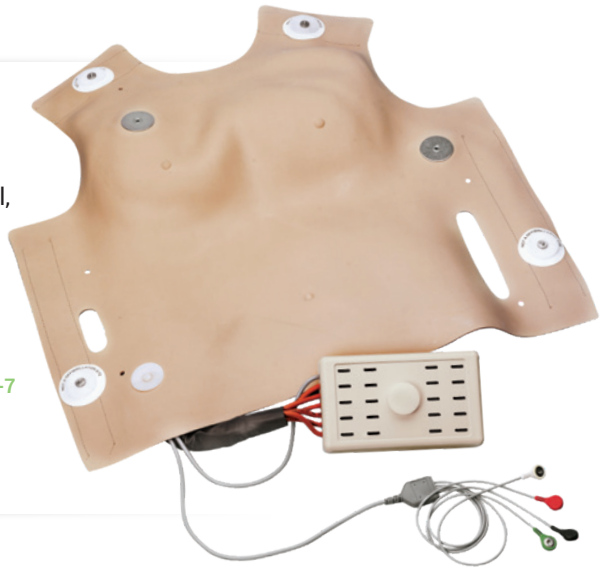
Airway Larry simulates a nonanesthetized patient for practicing intubation, ventilation, suction, and CPR techniques. Features anatomy and landmarks including teeth, tongue, oral and nasal pharynx, larynx, epiglottis, arytenoids, false cords, true vocal cords, trachea, lungs, esophagus, cricoid cartilage, and stomach. The trainer allows you to practice oral, digital, and nasal intubation, as well as E.T., E.O.A., P.T.L., L.M.A., and Combitube® insertion. Suction techniques and proper cuff inflation may also be practiced and evaluated. This trainer has room to maneuver, and a slightly anterior position, making it a great trainer for introductory classes as well as advanced students. Also, applying cricoid pressure changes the position of the trachea and closes the esophagus, so the Sellick maneuver can be realistically practiced. Features durable, rugged, one-piece construction. Has ability to be attached to R10052. This feature allows you to teach intubation and basic CPR on the same manikin. Not for use without a manikin.

Ref.no. R10052-6
Details:

Defibrillation Chest Skin

Perfect for practicing defibrillation on R10052 manikins. The chest skin lets you defibrillate using standard manual, automatic, or semi-automatic external monitor defibrillators by attaching directly to your manikin. An internal load box absorbs the full strength of every shock to protect students and equipment. The skin also makes it possible to monitor the manikin from 4 ECG sites, just like a real patient. Can do manual, AED, and quick look defibrillation. Skin attaches easily to R10052 and is compatible with any patient simulator.

Ref.no. R10052-7
Details:





Interactive ECG Simulator

- ✓ Defibrillation shock can be delivered through manikin or simulator
- ✓ Practice operating your defibrillator/ external pacer without a manikin. Connect defibrillator/external pacer to simulator using adapters
- ✓ Built-in circuitry allows you to defibrillate and pace directly into the simulator and observe ECG rhythms through the PADS connector
- ✓ Convert feature
- ✓ Select another rhythm to run immediately after defib discharge
- ✓ Pacing can be done on any manufacturer's defibrillator
- ✓ Battery saver feature powers-off simulator automatically when not in use

Waveforms available for pacing include:

- ✓ Sinus Brady
- ✓ Junctional Brady
- ✓ Second degree type I A-V block
- ✓ Second degree type II A-V block
- ✓ Second degree type II A-V block with PVCs
- ✓ Third degree A-V block

17 Adult/Pediatric Rhythms:

- ✓ V. Fib- V. Tach (Fast)
- ✓ V. Tach (Slow)
- ✓ V. Tach (Polymorphic)
- ✓ A Fib- A Flutter
- ✓ SVT- Sinus Tach
- ✓ Sinus with PVCs
- ✓ Asystole- NSR
- ✓ Sinus Brady
- ✓ Junctional Brady
- ✓ Second degree type I A-V block
- ✓ Second degree type II A-V block
- ✓ Second degree type II A-V block with PVCs
- ✓ Third degree A-V block
- ✓ Generate realistic 3-lead or 4-lead ECG rhythms
- ✓ The RA, LA, and LL signal morphologies create accurate representations of the QRS, P, and Taxes
- ✓ Requires one 9-volt alkaline battery

Ref.no. R10052-9
Details:

Blood Pressure Simulator

Designed to easily attach to the shoulder openings of R10052 manikins. The arm is hinged to swing away from the body for easy accessibility. The arm is programmed to demonstrate the five Korotkoff phases, and an auscultatory gap switch may be used to simulate the auscultatory gap that is sometimes present between Phase I and Phase II sounds. Separate pulse rate control varies the frequency of heart rate from approximately 50-100 beats per minute. The Blood Pressure Simulator includes a sphygmomanometer cuff and gauge assembly.

Ref.no. R10052-8
Details:



Speaker for Blood Pressure Simulator R10052-8. Allows to hear the sounds without using a stethoscope.

Ref.no. R10052-8A
Details:

Ambu Man Wireless

is the ideal training manikin for the advanced BLS algorithm training. It is specially designed for basic training of medical and nursing staff and also designed for education of lay people. Comes with user friendly Ambu hygienic system that prevents cross-contamination and licence free self-training module.

- ✓ Integrated feedback display
- ✓ Browser based wireless management software
- ✓ Self-training module
- ✓ Carotid pulse
- ✓ Lifelike ventilation
- ✓ Ambu hygienic system
- ✓ Realistic body anatomy
- ✓ Modular construction for possible extensions

Defibrillator
Ref.no. R30060
Details:

Airway
Ref.no. R30020
Details:

Ref.no. R30070
Details:



Replacements:
Arms + legs Ref.no. R30020-1
Akku Pack for AmbuMan Ref.no. R30010-1
Injection arm Ref.no. R30020-2
IO Set for Ambu Man legs Ref.no. R30020-3

AmbuMan Advanced

is latest training manikin generation, which is made to fulfil all the needs of Advanced Life Support (ALS) -Training.
The focus of the manikins is on the algorithm: Airway Management, ECG simulation, defibrillation and the training of i.v. and i.o. access techniques. The core is the AmbuMan with the latest, integrated Ambu Wireless Technology. The browser-based Ambu Manikin Management Module allows the wireless control, documentation and monitoring of the trainee's performance. The Ambu Manikin Management Module is the central interface, where all data and information come together: compression depth, correct hand position, ventilation volume, stomach inflation. Using AmbuMan Advanced, you can create custom scenarios and adapt them perfectly to different course concepts. The AmbuMan Advanced is the ALS training manikin for professionals.
Customised scenario training: The AmbuMan Advanced offers new possibilities for implementation of course concepts in accordance to the demand of instructors and the current ERC / AHA guidelines, especially the 2015 guidelines. Your creativity has no limits. The intuitive user interface allows a creation of custom scenarios quick and easy. These can manually be adjusted during the training, depending on the training situation. The CPR parameters and manual events are documented wirelessly and included into the evaluation and debriefing.
New level of debriefing: Individual trainee evaluation in group training for more efficient training. Each participant receives his personal results (up to four participants).
Connectivity: WLAN or LAN - Ambu Wireless Technology built on latest generation of Intel WLAN Modules.
Ambu Manikin Management Module: Operating system independent and browser-based control, programmable scenarios, individual documentation for up to 4 participants, parallel display and control of up to 6 manikins, parallel multiple access of various devices for visualization of the performance.
Power supply: AC adapter, Battery pack or PoE (optional, not included in packaging).
Airway-Management: Training of airway management: like laryngeal masks, laryngeal or tracheal tube. Bag-mask ventilation and use of the Guedel airway. Airways open only with correct hyperextension.
Defibrillation: Equipped with two electrodes (apex and sternum) that can be defibrillated with up to 360 joules. In addition to the use of manual, semi-automatic and automatic defibrillators, paddles can be used.
Pacing: Possibility for transcutaneous pacing.
ECG Simulation: Conform with the ERC 2015 Guidelines, ECG is displayed physiologically correct and detected accordingly by an external defibrillator. 12-lead ECG display, ECG can be programmed manual.
Manual feedback display: Extendable, Ventilation volume, compression depth, hand position, stomach inflation
Training of injection techniques: i.v. (Arm) + i.o. (Leg). **Weight** fullbody: 13,3 kg. Weight fullbody with transport-box: 25,. Length fullbody: 165 cm.



Ref.no. R30010
Details:



Resusci Anne Advanced Skill Trainer

Wireless training model for MegaCode training. The model is designed for team training. Additionally to the BLS features it offers all classical Megacode features like defibrillation, ECG pacing, intubation, iv access and other advanced life support actions.

System components:
- ✓ Female full body manikin
- ✓ Airway-management head, turnable
- ✓ IV-arm
- ✓ removeable soft foam leg
- ✓ Wireless control unit, SimPad controls vital signs (included)
- ✓ Operated on batteries or 220V power converter
- ✓ USB-port
- ✓ Including Laerdal PC SkillReporting System, for CPR evaluation at the PC (compatible with Windows)

Systemzubehör:
- ✓ USB-cable for data transfer between Megacodetrainer and PC
- ✓ adapter for hard paddles
- ✓ transport case
- ✓ artificial blood
- ✓ lubricant
- ✓ tools
- ✓ manual

Options and functions:
- ✓ MegaCode-trainer runs on power converter or batteries, allowing full mobility in all kind of changing training environments.
- ✓ Wireless control unit SimPad with color display for control of all functions via WIFI

Airway management:
- ✓ Airway-management-head turns and has correct anatomy for advanced airway management.
- ✓ Resuscitation with bag/mask or airway devices (endotracheal tube, LMA (Laryngeal Mask Airway), Combitube®, Güdel, Wendel etc.)
- ✓ Physiological correct carotid pulse on both sides
- ✓ Lungs sounds can be auscultated

Heart/circulatory:
- ✓ BLS training according to 2010 guidelines with evaluation by included SkillReporting Software (compatible with Windows)
- ✓ Thorax flexibility for cardiac compression and chest thump
- ✓ Multi vein IV-arm for puncture of peripheral arm- and hand veins; skin and vein system can be used several times and can be changed.
- ✓ Data base with multiple ECG rhythms
- ✓ EKG-monitoring with 4-leads at the thorax; standard ECG monitors / defibrillators can be used
- ✓ Defibrillation is possible with manual defibrillators or AEDs; normal mono- or biphasic defibrillators can be used
- ✓ Simulation of ECG rhythms and pulse are controlled via SimPad

NEW: Voice sounds with optional headset: speech transmission to manikin, speech transfer to built-in head speaker.
NEW: Monitoring of vital signs with optional patient monitor.

Possible extensions:
- ✓ Optional BLS-head for basic resuscitation (mouth-to-mouth, mouth-to-nose) with sanitary system available
- ✓ Optional Resusci Anne trauma-module with different injuries of arms and legs available
- ✓ Optional trauma-limbs of other models can be combined
- ✓ Optional simulated patient monitor
- ✓ Optional headset

Complete package including on-site training:
Ref.no. R20222
Details:



Adult Crisis Manikin



The Adult CRiSis Manikin is a complete resuscitation system that presents challenges you may face in real-world situations, with five major features allowing practise of several simulation scenarios.

Features:

- ✓ Airway Management
- ✓ Blood Pressure Arm
- ✓ CPR
- ✓ Defibrillation Chest
- ✓ IV Arm

Modular components allow you to create a manikin to suit your specifications. See additional options to create your perfect manikin for your specific needs.

Ref.no. R10153
Details:



Interactive ECG Simulator

- ✓ Defibrillation shock can be delivered through manikin or simulator
- ✓ Practice operating your defibrillator/external pacer without a manikin. Connect defibrillator/external pacer to simulator using adapters
- ✓ Built-in circuitry allows you to defibrillate and pace directly into the simulator and observe ECG rhythms through the PADS connector
- ✓ Convert feature
- ✓ Select another rhythm to run immediately after defib discharge
- ✓ Pacing can be done on any manufacturer's defibrillator
- ✓ Battery saver feature powers-off simulator automatically when not in use.

For a detailed description, see page 229.

Ref.no. R10052-9
Details:



Remote Control for Smartscope

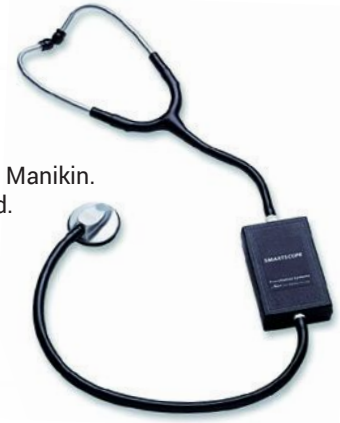
Ref.no. R10002A
Details:



Smartscope

Stethoscope for Auscultation Crisis Manikin.
Remote control R10002A is required.

Ref.no. R10002
Details:



IO Legs for CRISIS and CPARLENE manikins

Designed to attach easily to any Adult CRiSis, CPARLENE, "Airway Larry," or Adult Airway Management torsos or manikins. Use to enhance training of intraosseous infusion procedures using B.I.G.and EZ-IO devices or almost any other intraosseous infusion devices available and provides realistic resistance as the needle enters the bone. The leg is fluid capable, and a blood source is accessible through the injection site. Features palpable landmarks, replaceable bones and skin, and a pressurized system to allow aspiration of fluid. Included with the articulating legs with Intraosseous Infusion are 10 replaceable simulated bones, 4 replaceable skin pads, shorts, simulated blood, lubricating jelly, towels, I/O needle, and syringe with tubing.



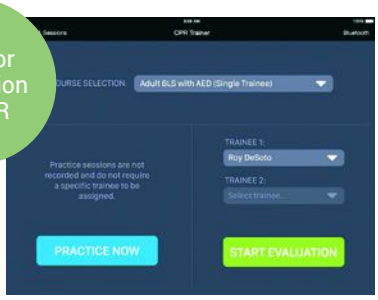
Ref.no. R10153-4
Details:

Replacement skins set of 4
Ref.no. R10153-4A
Details:

Replacement bone set of 10
Ref.no. R10153-4B
Details:

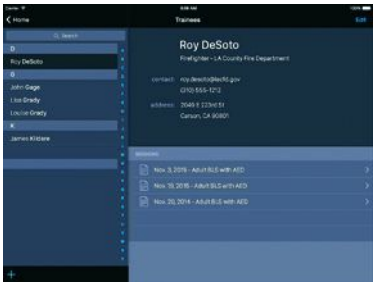


iPad for evaluation of CPR









CPR Metrix control box for CRISIS and CPARLENE manikins

This new product uses the electronics of the existing CPARLENE and Adult CRISIS manikins and converts the data for use in a modern iPad app. The Easy-to-use iPad control provides a comprehensive way to complement CPR training programs wirelessly. No more light indicators and printed out paper sheets, this control box displays the qualified output of the manikins into a modern style graphical interface. **Features:**

- ✓ Graphical interfaces and audio feedback are easy for students to use and follow
- ✓ Solid documentation lets you easily track each student's performance
- ✓ Debriefing tools help with documentation and support training
- ✓ Detailed reports can be saved in PDF format
- ✓ Use with the CPRLENE and Adult CRISIS manikins with electronics

CPR Metrix control box
Ref.no. R10150
Details:

CPR Metrix control box and iPad
Ref.no. R10152
Details:



Little Junior QCPR

The Little Junior QCPR manikin meets your need for a low-cost, lifelike child CPR trainer and is the perfect supplement to the Little Anne QCPR and Baby Anne QCPR manikin. The manikin represents a 5 year old child.

- ✓ Head tilt/chin lift and jaw thrust opens the airway
- ✓ Re-useable face skins
- ✓ Removable and reusable faces
- ✓ QCPR measurement and feedback technology, free Instructor-, Learner- and Horserace App.

Replacement face parts, 6 pcs
Ref.no. R20280A

Replacement airways, 25 pcs
Ref.no. R20280B

Replacement airways, 100 pcs
Ref.no. R20280C

Ref.no. R20281
Details:



Little Junior QCPR, 4 pcs
Ref.no. R20281-1



Prestan CPR manikin child with monitor

As all Prestan Manikins this child manikin are equipped with a revolutionary new CPR rate monitor that allows for instant feedback to both instructor and student regarding the rate of chest compressions. The visual feedback from the CPR rate monitor gives students a real life feel of delivering 100 compressions per minute. In addition to the visual rate monitor, students will also hear a clicker sound as the chest is pushed to the appropriate depth allowing them to experience the true force needed to deliver real life chest compressions. Clamshell torso design that accommodates an easy-to-insert face shield lung bag. Comes with carry bag and 10 face shield lungs.

Consumables:

Hygienic Airways, 50pcs
Ref.no. R19150A

Hygienic Face shields, 50pcs
Ref.no. R19150B

Ref.no. R19150
Details:

CPR Torso Child

This economical torso is made of soft, realistic vinyl plastic over polyurethane foam. It represents a 7 year old child. Features include.

- ✓ Realistic head tilt and chin lift for opening airway
- ✓ Anatomical landmarks such as sternum, ribcage and sub-sternal notch
- ✓ Airway can be easily manipulated to simulate airway obstruction or choking situations
- ✓ Supplied with 3 disposable lung/airway systems, 3 mouth/ nose pieces and nylon carrying bag with kneeling pads

Ref.no. R10054-1
Details:

CPR Torso Child with Light Controller

Model as R10054-1, but with light indicator. Shows correct hand position, compression depth and respiration volume with control lights.

Replacement mouth / nose parts, 10 pcs
Ref.no. R10054-1A

Replacement airways, 24 pcs
Ref.no. R10054-1B

Ref.no. R10054-2
Details:



3-year-old CPR Manikin

Economically priced, this manikin of a three year old child has a lightweight, rugged, foam filled body with no internal parts to break. Features include:

- ✓ Lifelike anatomical landmarks such as nipples, xiphoid process and sub-sternal notch
- ✓ Easy to replace mouth/nose pieces
- ✓ Disposable airways with uni-directional valves
- ✓ Soft carrying bag

Replacement mouth / nose parts, 10 pcs
Ref.no. R10055A

Replacement airways, 24 pcs
Ref.no. R10055B

Ref.no. R10055
Details:



Resusci Junior QCPR

The Resusci Junior manikin offers realistic, high-quality child CPR education.



- ✓ Realistic anatomical body and landmarks provide the essential features necessary to learn realistic child handling and quality child CPR skills
- ✓ Life-like size and weight of a 5-year-old child simulates the problems encountered in a real-life rescue
- ✓ Bilateral carotid pulse simulation to realistically check for pulse
- ✓ Disposable non-rebreathing airways are suitable for use by more than one student during class and are quick and easy to change after each training session
- ✓ Natural obstruction of the airway allows students to learn the important technique of opening the airway so that in a real-life situation they know how to effectively administer air to the patient
- ✓ Realistic resistance for chest compressions allows the students to experience the amount of pressure needed to perform proper chest compressions in a real-life situation
- ✓ Optional water rescue kit provides students with the chance to experience lifelike water rescue techniques required by the age group depicted by the manikin
- ✓ Including transport case, training mat. 4 face skins, 3 airways, 18 disinfection wipes and instruction manual.

The brand new version of this Child CPR model with feedback via Skillguide or free mobile App offers new and improved features:

- ✓ Improved compression mechanism - humanlike and stable
- ✓ Guidelines 2015 compliant - compression depth 50 – 60 mm
- ✓ Realistic ventilation for bag valve mask and mouth to mouth - chest rise, neck tilt and optional audible feedback
- ✓ New electronics - Bluetooth Low Energy (BTLE) and sensors
- ✓ Battery operated, can also be used with mains power
- ✓ Training mat - doubles as carrying bag

Ref.no. R20266
Details:



Skillguide
Ref.no. R20180

Replacement face parts, 6 pcs
Ref.no. R20266A

Replacement airways, 12 pcs
Ref.no. R20266B

CPR Infant manikin

Economically priced, this manikin of a Newborn has a lightweight, rugged, foam filled body with no internal parts to break. Features include:

- ✓ Lifelike anatomical landmarks such as nipples, xiphoid process and substernal notch
- ✓ Easy to replace mouth/nose pieces
- ✓ Soft carrying bag



Ref.no. R10057
Details:

Replacement mouth / nose parts, 10 pcs
Ref.no. R10057A

Replacement airways, 24 pcs
Ref.no. R10057B



6 to 9 month-old CPR Manikin

Economically priced, this manikin of a 6 to 9 month old child has a lightweight, rugged, foam filled body with no internal parts to break.Features include:

- ✓ Lifelike anatomical landmarks such as nipples, xiphoid process and substernal notch
- ✓ Easy to replace mouth/nose pieces
- ✓ Disposable airways with uni-directional valves
- ✓ Soft carrying bag

Replacement mouth / nose parts, 10 pcs
Ref.no. R10056A

Replacement airways, 24 pcs
Ref.no. R10056B

Ref.no. R10056
Details:

Little Baby QCPR

Little Baby QCPR is a realistic and inexpensive training model for pediatrics. Through playful learning (QCPR Race mode) and objective feedback via APP, Little Baby QCPR improves the quality and efficiency of your training and the commitment of the students. Set up the training with just one click (one-click connection). The QCPR app guides you through all the necessary steps to quickly prepare your session in the training room.

Ref.no. R20305
Details:

4 pcs
Ref.no. R20305-1





CPR Baby with light controller

This life size infant allows training of correct CPR techniques. Ventilation and compression can be practiced like in a real baby. If ventilation is done correctly, the chest will rise. The correct compression depth is indicated by a click sound, the correct compression rhythm is controlled by a build in light indicator. The airways are designed as disposable items, avoiding the need for disinfection. For group education an additional individual face shield with filter can be attached to protect the students from infection. The model comes with torso, carrying bag and 10 sanitary airway/face shields.

Hygienic airways, 50 pcs
Ref.no. R19200A

Hygienic Face shields, 50 pcs
Ref.no. R19200B

Ref.no. R19200
Details:

BEST SELLER



Resusci Baby QCPR

Resusci Baby QCPR is an infant CPR training manikin which provides opportunity to focus on student competency. Measurement, assessment and quality feedback are key factors in developing competency. Resusci Baby QCPR manikin provides thorough and realistic CPR training. With the use of a feedback device enhanced measurement of compressions and ventilations allows for comprehensive and accurate guidance. Detailed feedback and debrieng functionalities enable students to learn and improve CPR performance better than ever before.

Product features:

- ✓ Realistic anatomy including head tilt, chin lift, compression depth, compression force and chest rise
- ✓ Sensor indicate correct hand placement
- ✓ Ventilation system provides realistic chest rise with BVM (Bag Valve Mask) and MTM (Mouth to Mouth) and measures volume and rate to help train correct ventilation technique.
- ✓ Enhanced measurement and feedback capabilities.
- ✓ Wired connectivity with SkillGuide or SimPad SkillReporter (not included, please order separately)
- ✓ Guidelines compliant





Skill Guide see page 227
Ref.no. R20180

SimPad Plus Skillreporter see page 227
Ref.no. R20191

Ref.no. R20295
Details:

Ambu Baby

The Ambu Baby corresponds to a real baby up to one year old. During development, particular emphasis was placed on the lifelike anatomical conditions that are important for the practice of modern resuscitation techniques. Thus, for example, the lifelike anatomy enables the correct finding of the pressure point. As well the Ambu Baby convinces with palpable brachial pulse, through a natural, audible and perceptible exhalation through the mouth and nose as well as by free airways only with correct head position.



Ref.no. R30090
Details:



Little Family Pack

Little Family Pack is a convenient package of age-specific CPR training manikins with a wheeled carry case for ease of transport and storage. Now all three manikins come with QCPR feedback technology, to help instructors improve CPR training quality, efficiency, and learner engagement.

Ref.no. R20311
Details:

Prestan Family Pack

This set contains a whole family of CPR dolls. Two adults (R19100), one child (R19150) and two babies (R19200) in an attractive set, all with CPR monitor. Prestan manikins comply with latest AHA, ARC and ERC guidelines.

Ref.no. R19650
Details:





Prestan Collection

All of the wonderful Prestan CPR manikins in one attractive set. Adult, child and baby with CPR monitor. The description of the single products R19100, R19200 and R19150 can be found on pages 223, 234 and 236. Prestan manikins comply with latest AHA, ARC and ERC guidelines.

Ref.no. R19600
Details:



Ambu BLS-Familie Wireless

The Ambu BLS-Family Wireless consists of Ambu® Man Wireless, the Ambu® Junior and the Ambu® Baby. Your complete package for BLS training requirements.

With adult torso
Ref.no. R30030
Details:

With adult full-body
Ref.no. R30035
Details:



CRiSis-Child-Emergency manikin

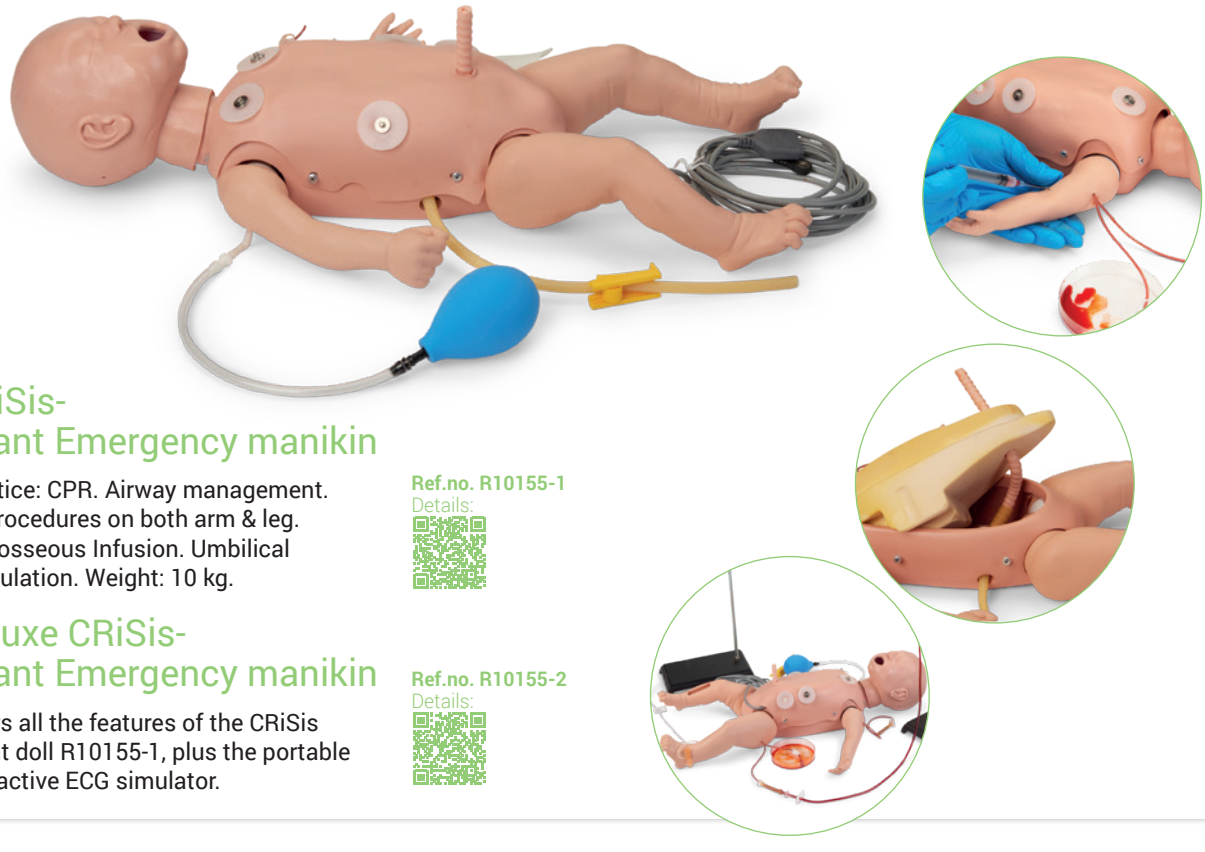
A dramatic, state-of-the-art manikin designed for teaching individuals or groups life-saving techniques for children. The Child CRiSis Manikin provides complete PALS training capabilities in one manikin. Simulating an 5-year-old child, it combines all of the skill stations on one manikin, making training more realistic and giving students an appreciation for the smaller scale of the patient. This system features the Child Airway Management Trainer, IV Arm, Blood Pressure Arm, Defibrillation Chest Skin, Intraosseous Infusion/Femoral Access Leg, as well as a completely functional CPR manikin. The Child CRiSis Manikin is ideal for ACLS, nursing, paramedic, and EMT training at every level. The Child CRiSis Manikin is 119 cm tall and weighs 9 kg. Patient arrhythmia simulator not included. A storage case for the Child CRiSis manikin is available separately.

Ref.no. R10154-1
Details:

Deluxe CRiSis-Child-Emergency manikin with EKG-Simulator

The Deluxe Child CRiSis Manikin features the same quality components as the Child CRiSis™ Manikin (Ref.no. R10154-1) with the addition of a hand-held Arrhythmia Patient Simulator. The Arrhythmia/Pacing Simulator recreates 17 pediatric rhythms and 17 adult heart rhythms. With an external pacer you can simulate electronic capture. You can also simulate cardioversion with manual, semiautomatic, or automatic defibrillation.

Ref.no. R10154-2
Details:



CRiSis-Infant Emergency manikin

Practice: CPR. Airway management. I.v. procedures on both arm & leg. Intraosseous Infusion. Umbilical cannulation. Weight: 10 kg.

Ref.no. R10155-1
Details:

Deluxe CRiSis-Infant Emergency manikin

Offers all the features of the CRiSis infant doll R10155-1, plus the portable interactive ECG simulator.

Ref.no. R10155-2
Details:



Newborn Anne

The Newborn Anne is a manikin designed for skills training in neonatal resuscitation. With anatomical accuracy and a product feature set designed to focus on the critical resuscitation skills required in the first ten minutes of a newborn's life, Newborn Anne meets the key components of the NRP course curriculum.



Product benefits:

- ✓ Educationally effective allowing specific neonatal resuscitation skills to be taught individually or in combination with other skills.
- ✓ Realistic anatomical landmarks and durable design simulate a full-term female newborn.
- ✓ Lightweight and portable design allows Newborn Anne to be highly mobile for use in multiple clinical settings.
- ✓ Newborn Anne is easy to use and was designed to be integrated into all neonatal clinical training curriculums.
- ✓ Built from the SimNewB platform developed in conjunction with the American Academy of Pediatrics (AAP), Newborn Anne was specifically designed to be clinically relevant with manikin features to meet key NRP course skills.

Product features:

- ✓ Newborn Anne accurately represents a full term (40 week), 50th percentile newborn female, measuring 21 inches and weighing 7 lbs.
- ✓ The airway is designed to allow for training in all aspects of newborn airway management, including the use of positive pressure airway devices, and the placement of ET tubes and LMAs.
- ✓ The torso includes functionality to relieve a tension pneumothorax via needle decompression.
- ✓ The patent umbilicus has a manually generated pulse and can be assessed, cut and can be catheterized for IV access.
- ✓ Newborn Anne features IO access in both legs.

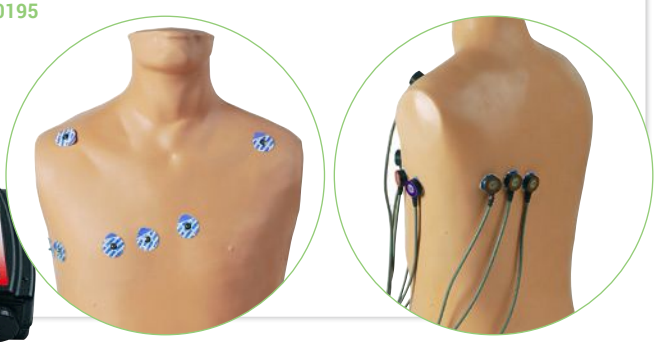
Ref.no. R20320
Details:



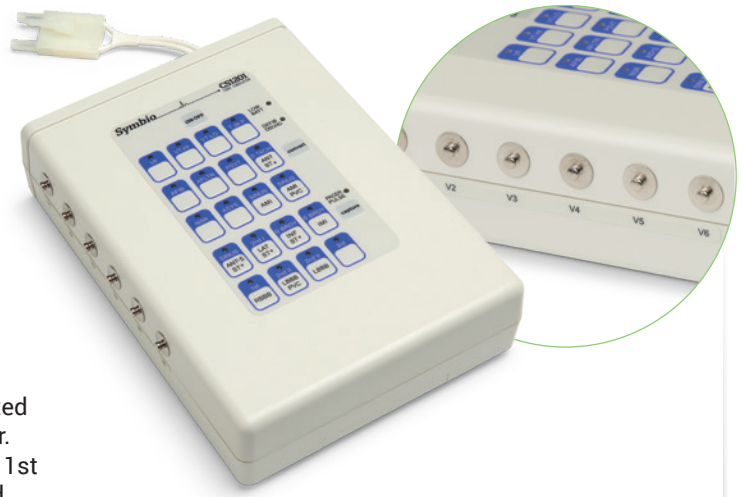
15-Lead ECG Placement Trainer

Teaches up to 15-lead ECG electrode placement anatomically and provides visual feedback on the accuracy of electrode placement. Students will learn the placement of the electrodes on the adult trainer using anatomical landmarks such as intercostal spaces, midclavicular line, anterior axillary line, midaxillary line, and scapula. Features connection sites for four limb leads and V1 through V9, with the ability to attach right- or left-sided electrodes. The trainer does not provide ECG output signals, but simulations of rhythms and hands-free defibrillation can be performed by adding any ECG arrhythmia simulator directly to your ECG monitor. Includes adult torso, 15-lead electronics box, power adapter, set of 13 leads, 50 electrodes, two "C" batteries, hard carry case, and instruction manual.

Ref.no. R10195
Details:



12-Lead Arrhythmia Simulator



Pace and defibrillate directly into this interactive 12-lead ECG simulator through your hands-free defibrillation cable.

- ✓ Connects directly to monitor; does not work with manikin
- ✓ Simulate electrical capture with your external pacer. Press simulator capture key to select one of four preset pacing capture levels: 70, 80, 90, or 100mA. When pacer current is greater than selected capture level, paced beats appear on your monitor. Waveforms for pacing include: Sinus Brady (two), 1st degree A-V block, 2nd degree type I A-V block, 2nd degree type II A-V block, 2nd degree type II A-V block with PVCs, and 3rd degree A-V block.
- ✓ Simulate cardioversion with your manual, semi-automatic, or automatic defibrillator. Activate "convert" feature to select - before defib discharge - another rhythm to run immediately after defib discharge. Waveforms for defibrillator training include: V. Fib., V. Tach (high rate), V. Tach (low rate), Torsade, A. Fib, A. Flutter, PSVT, Sinus Tach, Sinus Rhythm, Sinus Rhythm with PVCs, Asystole, and NSR.
- ✓ Generate realistic 12-lead ECG rhythms. Connect your ECG cable to simulator's 10 ECG snaps. Independent chest lead and limb lead ECG signals create realistic 12-lead ECGs for each rhythm. Generate ST segment and T wave abnormalities including: Anterior MI, Inferior MI, Antero-Septal ST Elevation, Anterior ST Depression, Lateral ST Elevation, and Inferior ST Elevation.
- ✓ LED indicators: pacer pulse detection, defib discharge detection, and low battery.

Physio Medtronic and Marquette Quick Combo
Ref.no. R13001-2

Heart Start/Philips with late VF Waveform
Ref.no. R13001-3

Philips
Ref.no. R13001-4

MRL, Welch Allyn R2
Ref.no. R13001-5

Zoll
Ref.no. R13001-1
Details:



12-Lead Arrhythmia Simulator with Manikin Overlay

Use on any large-sized manikin or simulator to change it into a 12-lead trainer. Pace and defibrillate directly on the overlay system connected to the interactive 12-lead ECG simulator, included with the overlay. You may purchase optional defibrillation training cables that allow you to have hand-free defibrillation simulation, with up to 360 joules, as well as electrical capture with your external pacer. The simulator capture key is used to select one of four preset pacing capture levels: 70, 80, 90 or 100mA. When the pacer current is greater than the selected capture level, paced beats will appear on your monitor. Waveforms for pacing include: Sinus Brady (two), 1st degree A-V block, 2nd degree type I A-V block, 2nd degree type II A-V block, 2nd degree type II A-V block with PVCs, and 3rd degree A-V block. Simulate cardioversion with your manual, semiautomatic, or automatic defibrillator. Waveforms for defibrillator training include: V. Fib, V. Tach (high rate), V. Tach (low rate), Torsade, A. Fib, A. Flutter, zPSVT, Sinus Tach, Sinus rhythm, Sinus rhythm with PVCs, and Asystole. Generate ST segment and T wave of abnormalities, including: Anterior MI, Inferior MI, Antero-Septal ST elevation, Anterior ST depression, Lateral ST elevation, and Inferior ST elevation. LEDs indicate: pacer pulse detection, defib discharge detection, and low battery.

Medium size skin, Zoll
Ref.no. R13002-1

Large size skin, Zoll
Ref.no. R13002-2

Medium size skin, Physio
Ref.no. R13002-3

Large size skin, Physio
Ref.no. R13002-4

Medium size skin, Marquette
Ref.no. R13002-5

Large size skin, Marquette
Ref.no. R13002-6

Medium size skin, Heartstream
Ref.no. R13002-7

Large size skin, Heartstream
Ref.no. R13002-8

Medium size skin, Heartstart
Ref.no. R13002-9

Large size skin, Heartstart
Ref.no. R13002-10

Medium size skin, R2
Ref.no. R13002-11

Large size skin, R2
Ref.no. R13002-12

Professional
Video Debriefing System

Full control with the AVpro debriefing system.

Audio-video system:
Assess the situation, give precise instructions, communicate correctly with one another: team communication and medical processes need to be learned. You have to be trained to make the right decisions in real life.

Efficient support
In order to be able to efficiently support teams in real-looking simulations and skill training, we offer the AVpro, a complete debriefing audio-video system (AVS).

With this debriefing system it is possible to analyze the training scenario from all angles with up to three cameras. The patient monitor simulator (please inquire about compatible products) can also be integrated into the audio-video system.

The trainer can incorporate instructions or comments into the scenario at any time via the stationary microphone (Voice-of-God). The included marker keyboard makes handling easier for the trainer during the scenario by intuitively identifying special situations.

The high-quality AV software makes it possible to switch back and forth between the cameras and to record all camera signals as well as sound for later debriefing.

Cameras plus patient monitor:
The special recording software enables three cameras plus a patient monitor to be recorded. This makes it possible to easily integrate the patient monitor (please inquire about compatible products) into the AVS in a simulation scenario.

Colored markers enable the instructor to mark important situations in the simulation at any time, in order to be able to access the crucial analyzes even faster in the debriefing.

In order to make the subsequent debriefing even more attractive for the trainer, the video recording can be controlled easily using an iPad. The instructor can access all three camera settings via a projector and make the debriefing an interactive experience.

Includes Setup, Online User Training and 3 years service and support.

Includes Setup, Online User Training and 3 years service and support.

NEW PRODUCT



Ref.no. AVPRO
Details:





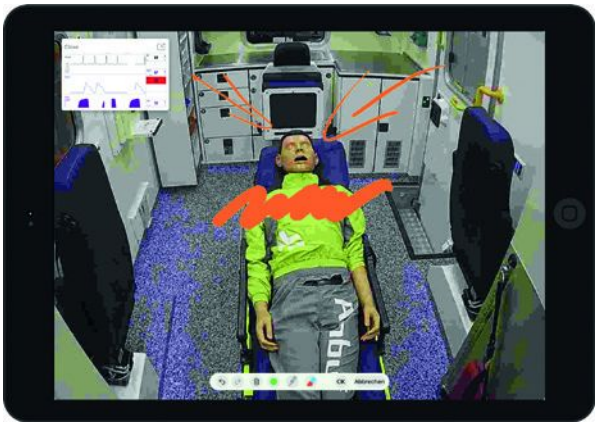
Mobile
Video Debriefing System

The Mobile Video Debriefing System allows the instructor to support the trainees efficiently during the simulation and to analyse the scenario after the training. The system allows simple recording of the scenario; with the moveable camera you keep everything under control! Take notes with your supplied Apple pencil directly onto the iPad and use them for the debriefing afterwards. The Debriefing System is a pioneer in mobility and flexibility. Use the Debriefing System in your classroom, in the hospital or outside. Using the Students View you can playback your recordings and address to your notes to improve the learning results of the attendees.

Ref.no. AVGO
Details:

The set includes the following components:

- ✓ Debriefing Software
- ✓ Apple iPad 12,9"
- ✓ W-Lan Router
- ✓ Camera (360°)
- ✓ Lan Cable (5 meters)
- ✓ Boundary microphone incl. cable
- ✓ Bag for all components
- ✓ Apple Pencil



Rescue manikin – Adults





This manikin allows training of the extrication of a person from a pole top situation, confined spaces, collapsed buildings, smoky rooms and also ladder carry-down protocols. A perfect aid in situations too hazardous or uncomfortable for human volunteers and especially suitable for military, fire departments, police departments, safety teams and emergency personnel. The manikin features articulated joints and realistic weight distribution. It is made of durable plastic with strong plastic-coated cables. This manikin is not fire resistant and is not for water rescue.

Different versions:

Size: 183 cm
Weight: 113 kg
Ref.no. R10158
Details:

Size: 183 cm
Weight: 66 kg
Ref.no. R10049
Details:

Size: 165 cm
Weight: 66 kg
Ref.no. R10166
Details:

Size: 183 cm
Weight: 107 kg
Ref.no. R10159
Details:

Size: 183 cm
Weight: 57 kg
Ref.no. R10162
Details:

Size: 165 cm
Weight: 48 kg
Ref.no. R10048
Details:

Size: 183 cm
Weight: 91 kg
Ref.no. R10160
Details:

Size: 183 cm
Weight: 48 kg
Ref.no. R10163
Details:

Size: 165 cm
Weight: 25 kg
Ref.no. R10047
Details:

Size: 183 cm
Weight: 79 kg
Ref.no. R10161
Details:

Size: 183 cm
Weight: 25 kg
Ref.no. R10164
Details:

Size: 183 cm
Weight: 75 kg
Ref.no. R10050
Details:

Size: 165 cm
Weight: 75 kg
Ref.no. R10165
Details:

OUR TIP:
Carry Bag for full body rescue manikins
Ref.no. P99



Rescue child manikin *Jennifer*

This manikin is the size of a 7 to 12-year old adolescent. Jennifer is articulated at all major joints with rugged construction engineered for years of durability and usefulness. Especially helpful for preparing personnel for child rescue where highly charged emotional factors come into play. Sweatpants and T-shirt included.



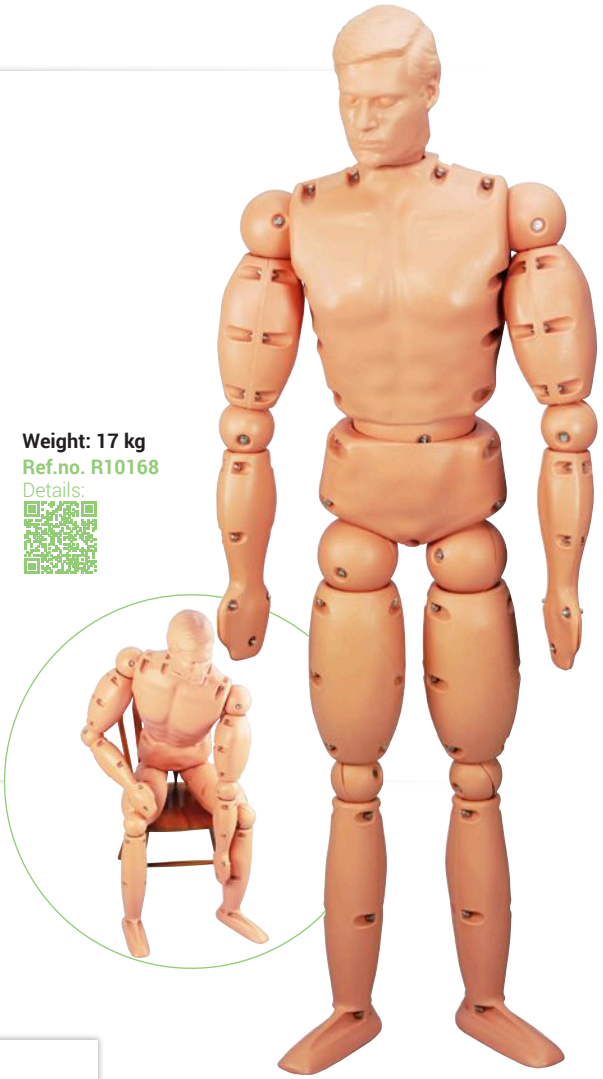


Size: 122 cm
Weight: 7,3 kg
Ref.no. R10335
Details:

Size: 122 cm
Weight: 17,2 kg
Ref.no. R10340
Details:

Randy 9000

This manikin is designed to be customized by the user for optimal training use. The manikin is made from rugged polyethylene parts (the same material out of which backboards are molded) that allow for the addition of varying amounts of weight to each of the pieces. You may add water, sand, or any other substance as long as you can empty the substance out of the parts. The empty manikin is easily moved and stored when training is completed. This custom-molded construction ensures constant size from one manikin to the next and allows the utilization of Randy 9000 in every environment imaginable. Each sealed piece is assembled with stainless steel hardware. The range of motion of the joints, including bending at the waist, mimics real life. Randy 9000 is perfect for RIT or Combat Challenge as well as ship-board, heavyweight, horizontal rescues or lightweight packaging exercises like spinal immobilization. Randy 9000 may be used in all weather conditions and the joint design protects rescuers' fingers. Each manikin component is easy to replace.



Weight: 17 kg
Ref.no. R10168
Details:



Handcuffing Police Training Manikin

Created for use in a challenge for police officers, this manikin utilizes the large body style and softer arm parts so that handcuffing behind the back is possible. Patterned after the large body manikin, this unit also weights 75 kg. Sweat pants are included.

Ref.no. R12106
Details:



Flexible Rescue Randy

This regular-sized Rescue Randy unit has been developed especially for the aerospace industry and wing tank fuel cell rescue training, but it can be utilized in any conned space rescue. It exceeds the exibility of the Regular Rescue Randy products because the waist flexes and the head twists to allow positioning of the manikin under dashboards, in tight spots, and under things where the regular Randy will not go. Size: 165 cm, Weight: 25 kg.

Ref.no. R12105
Details:

WATER RESCUE MANIKINS



These adult and adolescent models are made of durable vinyl plastic with rust-resistant stainless steel skeletons, articulated joints, and optional CPR capabilities. When filled with water, manikin will submerge to the neck. Add additional 3 to 5 kg of weight to sink (weights not supplied, use diving weights or bricks).

Adult water rescue manikin.
Size: 165 x 56 x 23 cm
Weight: 20 kg
Ref.no. R10092
Details:



Adult CPR water rescue manikin. Includes 5 mouth-nosepieces, 5 airway systems, and shorts. Size: 165 x 56 x 23 cm. Weight: 21 kg

Ref.no. R10092-1
Details:

Adolescent Water Rescue Manikin. Size: 125 x 41 x 23 cm. Weight: 9 kg

Ref.no. R12107
Details:



Adolescent CPR water rescue manikin. Includes 5 mouth-nosepieces, 5 airway systems, and shorts. Size: 125 x 41 x 23 cm. Weight: 10 kg

Ref.no. R12107-1
Details:

Used by Red Cross, coast guard, police department, lifeguard trainers, and emergency personnel. These manikins are excellent top and bottom water rescue devices, for adding the shock of realism to an otherwise ordinary practice procedure. When the manikins are filled with water, they will sink to the bottom. These manikins are not offered with CPR options.

Cathy



Newborn.
Size: 66 x 20 x 20 cm,
water filled weight 3 kg

Ref.no. R10320
Details:

Billy



6 to 9-month-Old.
Size: 66 x 20 x 20 cm,
water filled weight 5,5 kg

Ref.no. R10325
Details:

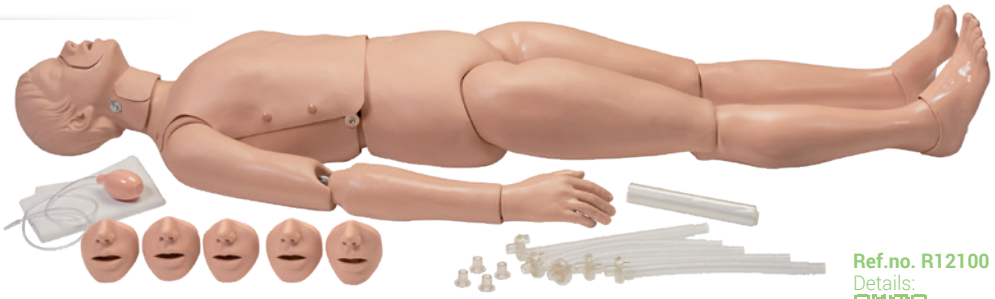
Timmy



3-year-old child.
Size: 86 x 28 x 18 cm,
water filled weight 9 kg

Ref.no. R10330
Details:

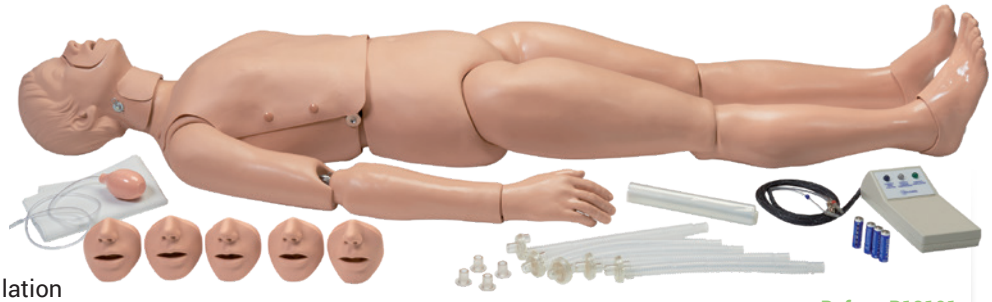
Full-Body CPR/ Trauma Manikin



This 165 cm tall, full body and foam-filled lightweight manikin has joint mobility for easy positioning in all types of environments. Its standard features include a carotid pulse driven with a squeeze bulb, our patented ball valve airway system, removable face pieces for ease in controlling crosscontamination, and anatomical landmarks for determining proper hand position for compressions. Five lung systems and five face pieces are included. The options available include moulage kits, a transport rescue head (to preserve the CPR head during rugged rescue training) and an optional lower IV arm. Size: 165 cm, Weight: 23 kg.

Ref.no. R12100
Details:

Full body CPR rescue doll with light indicator



Model as R12100, but with light indicator showing adequate hand position, ventilation volume and compression depth. Size: 165 cm, Weight: 23 kg.

Ref.no. R12101
Details:

Replacement face pieces.
Set of 10 pcs
Ref.no. R12100A

Replacement airways and lungs.
Set of 10 pcs
Ref.no. R12100B

Replacement lungs only.
Set of 20 pcs
Ref.no. R12100C

Replacement lower arm
or i.v. training
Ref.no. R12103

Replacement rescue head.
Head to replace CPR head during rescue training.
Ref.no. R12102



Manikin Casualty Simulation Kit

Can be used with any rescue manikin, rescue CPR manikin or nursing doll. Application of these realistic bleeding moulages to a full-body manikin facilitates quick identification, diagnosis, and dressing of wounds by trainees. Kit includes compound fractures, contusions, lacerations, evisceration, sucking chest wound, impalement, crushed foot, jaw wound, and projectile entry and exit of arm. These bleeding wounds strap on and are complete with pump assembly. Simulated blood is included. Non-bleeding strap-on wounds include 2nd and 3rd degree burns of the chest, back, forearm, and face. Manikins sold separately.

Ref.no. R10046
Details:



BEST SELLER

Casualty simulation-basic

The most economical way to get started in simulated injuries. Re-useable wounds and refillable accessories let you practice bandaging and splinting techniques repeatedly. The kit is supplied in a storage case and includes: Bleeding wound: (complete with reservoir bags with pump assembly): 1 compound fracture tibia. **Non-bleeding wounds:** 12 assorted stick-on lacerations and open fracture wounds. **Make-up accessories:** simulated blood, Simulation wax, glass simulation and much more.



Ref.no. R10042
Details:

Casualty simulation-multi

This kit gives you more complex wounds for testing higher levels of skill in bandaging and patient care while keeping initial expenditures low. The kit is supplied in a storage case and includes bleeding wounds: (complete with reservoir bags with pump assembly): 1 open amputation, 1 compound fracture of humerus, 1 compound fracture of tibia, 1 sucking wound of chest, 1 gunshot wound of palm. **Non-bleeding wounds:** 24 assorted stick-on lacerations and open fracture wounds. **Make-up accessories:** 3x blood simulation, 4 grease paints, glass simulation and much more.

Ref.no. R10043
Details:





Casualty simulation-military

This kit is especially suitable for use in the creation a disaster scenario where application of makeup on multiple casualties creates the widest range of wounds. This kit contains specialty wounds associated with gunshots, like perforations, major avulsions and complex jaw wounds and also a large supply of makeup components. The kit is supplied in a storage case and includes: **Bleeding wounds** (complete with reservoir bags with pump assembly): 2 compound fractures of humerus, 2 compound fractures of tibia. **Non-bleeding wounds:** 60 assorted stick-on lacerations and open fracture wounds. **Make-up accessories:** 3x blood simulation, 2x coagulant blood, glass simulation, latex for scar simulation, modelling past, make up lines, grease paint and much more.



Ref.no. R10045
Details:

Deluxe casualty simulation set

This Set contains a wide range of wounds, including 7 bleeding strap-on wounds and 15 types of moulage stick-on wounds. The full line of accessories allows you to create 70 individual wounds, plus use your expertise to create realism in your evolutions. Many wounds included, e.g. eyeball, foreign body protrusion, eviscerated intestines, lacerations, fractures, sepsis wounds, crushed foot, burns, jaw wound, projectile entry. **Make-up accessories** like simulation wax, colours, spatulas, skin adhesive, artificial blood and much more included. Comes with carry case and instructions for use (English).

Ref.no. R10315
Details:







EMT casualty simulation kit

This complex EMT (Emergency Medical Training) kit uses components applied to human and manikin patients to get the widest variety of training situations possible. Wounds strapped on, stuck on, created from wax and made to bleed challenge both the volunteer and the professional in areas of burns, lacerations, fractures of arms and legs and amputations; a good kit to simulate community disasters like bus accidents, or building explosions. The kit is supplied in a storage case and includes: **Bleeding wounds** (complete with reservoir bags with pump assembly): 1 jaw wound, 1 abdominal wound with protruding intestines, 1 sucking wound of chest, 2 compound fractures of humerus, 2 compound fractures of femur, 2 compound fractures of tibia, 1 laceration of the forehead, 1 open amputation, 2 gunshot wound of palm. **Non-bleeding wounds**: 36 assorted stick-on lacerations and open fracture wounds, 1 phosphorous burn of the hand, 1 face in shock, 2nd, & 3rd degree burn of the face, 2nd, & 3rd degree burn of the chest, 2nd, & 3rd degree burn of the back, 2nd, & 3rd degree burn of the hand, 2nd, & 3rd degree burn of the forearm. **Make-up accessories:** 5x blood simulation, 3x coagulant blood, glass simulation, grease paints, modelling past, simulation wax and much more.

Ref.no. R10044
Details:

Xtreme trauma moulage kit

Represents wounds that result from explosions and chemical disasters. These simulated trauma wounds will assist in training exercises for military and government responders and anyone providing treatment to victims injured in disasters and war. Comes in case. **1 moulage each:**

- ✓ Bleeding exposed denture avulsion
- ✓ Bleeding major muscle laceration
- ✓ Bleeding open ankle dislocation
- ✓ Bleeding open humerus fracture
- ✓ Bleeding open rib fracture
- ✓ Bleeding open skull fracture
- ✓ Bleeding open wrist fracture
- ✓ Bleeding skin laceration
- ✓ Burned face
- ✓ Dorsal hand 4th degree chemical burn
- ✓ Half-face chemical burn
- ✓ Right hand 4th degree chemical burn



Makeup Accessories: Broken glass. Casualty simulation wax. Coagulant blood. Grease paint colors: white, blue, brown, and red (1 ea.). Methyl cellulose for blood thickening. Simulated blood powder (3). Spirit gum, 1 oz. with brush (3). Tongue depressor/spatula combo

Ref.no. R11016
Details:



Xtreme 2 trauma moulage kit

Created at the request of instructors, this kit is the perfect complement to the Xtreme Trauma Moulage Kit R11016. Comes in case. **1 moulage each:**

- ✓ Bleeding exit gunshot palm
- ✓ Burned face, 3rd degree
- ✓ Bleeding eviscerated intestine
- ✓ Bleeding forearm avulsion with skin flap
- ✓ Bleeding impaled stick
- ✓ Bleeding exit wound
- ✓ Bleeding laceration, 12 cm
- ✓ Electrical burn palm
- ✓ Intermediate shotgun entry
- ✓ 45-caliber close entry
- ✓ Bleeding open fracture, tibia
- ✓ Bleeding open fracture, femur
- ✓ Bleeding open fracture, clavicle

Make up accessories: Skin Tite adhesive. Red grease paint, 2 oz. White grease paint, 2 oz. Brown grease paint, 2 oz. Blue grease paint, 2 oz. Simulation wax, 8 oz. Simulated blood powder. Coagulant blood, 4 oz. Blood thickener, methyl. cellulose. Broken glass. Spirit gum, 1 oz. with brush. Tape remover pads (12). Tongue depressors (3). Spatulas (3). Carry case

Ref.no. R11017
Details:



Xtreme trauma deluxe moulage kit

The Deluxe Xtreme Trauma Moulage Kit includes all of the wounds from the Xtreme Trauma Moulage Kit and Xtreme Trauma Moulage Kit 2, and has sufficient makeup and accessories to create even more realism.

Ref.no. R11018
Details:



Simulated burns

These four simulated stages of burns are developed to assist with simulating burn injury types, patient assessment and care. Use assessment findings to identify the burn severity and type to prepare a treatment plan and to measure performance of burn management. The burns are pliable and can easily be cut into any shape to fit any area on a human patient or patient simulator/trainer. Pieces are reusable and come ready to wear. Theatrical makeup and simulated blood may be applied to add color for realism. Includes four rolls: 1st degree , 2nd degree (superficial), 2nd degree (deep), and 3rd degree.

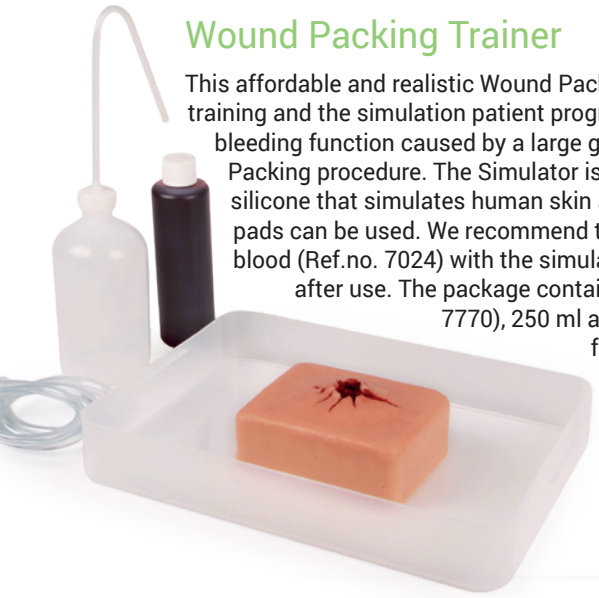
Ref.no. R11015
Details:

Wound Packing Trainer

This affordable and realistic Wound Packing Simulator is ideal for emergency training and the simulation patient program. Shown is a realistic bullet wound with bleeding function caused by a large gun caliber, ideal for training the Wound Packing procedure. The Simulator is made of a high quality and very durable silicone that simulates human skin and tissue. Common hemostatic wound pads can be used. We recommend to use our washable, non-staining artificial blood (Ref.no. 7024) with the simulator. The trainer is fast and easy to clean after use. The package contains: Wound Packing Simulator (Ref.no. 7770), 250 ml artifical blood (Ref.no. 7024), Bottle for fake blood (Ref.no. 7770-1), Tube 80 cm (Ref.no. 7770-2), Plastic tray (Ref.no. 7770-3).

Ref.no. 7770
Details:

NEW PRODUCT



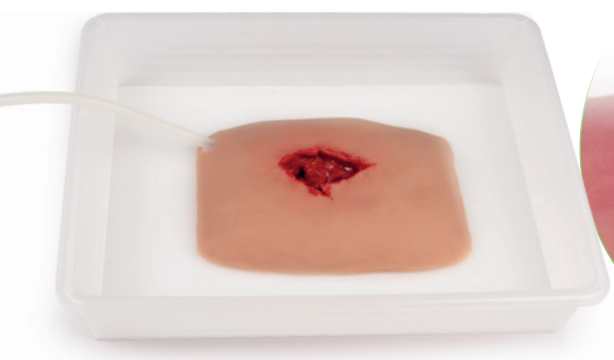


Woundmoulage Wound Packing

This moulage shows a large wound with severe bleeding for training of wound packing. With line for bleeding function. The moulage adheres to skin or a manikin. For longer training or improved adherence an optional glue is available. Supplied with storage box.

Ref.no. NW110
Details:

NEW PRODUCT













Casualty Care Rescue *Randy*

The Casualty Care Rescue Randy was designed using „Strategic Operations Hyper-Realistic® technology“ and is perfect for service members to be trained in TCCC (Tactical Combat Casualty Care) and TECC (Tactical Emergency Casualty Care).

Its training opportunities include the treeatment of the 3 most preventable causes of death:

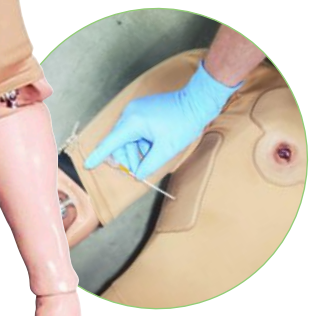
- ✓ Massive Bleeding (Femoral and Brachial extremity wounds, Inguinal and Carotid junctional wounds - Treatment interventions Extremity and junctional tourniquets, wound packing and pressure bandage)
- ✓ Tension Pneumothorax (Needle decompression 4th/5th ICS axillary and 2nd/3rd ICS mid-clavicular) as well as pentrating chest wound (Chest Seal)
- ✓ Aiway obstruction (Nasopharyngeal, Oropharyngeal, Cricothyroidotomy)

It offers the following features:

- ✓ Rugged full body manikin with articulated joints
- ✓ Weight-distributed to mimic the human anatomy
- ✓ Holds 3-4 liters of blood
- ✓ Pumping system with regulator simulating human blood flow pressure (2-3) psi
- ✓ Manual foot operated blood pumping system allows 3 wounds to bleed simultaneously
- ✓ Optional electric deluxe puming system allowing 4 wounds to bleed simultaneously











Package Contents: blood powder (makes 5 gallons) 3 repairable neck skins. 10 repairable tracheas. 1 repair set. Male manikin. Size: 165 x 63,5 x 30,5 cm, weight: appr. 55 kg.

Ref.no. R12200
Details:

WOUND MOULAGE

ERLER ZIMMER Exclusive

This new series of extremely realistic moulages show typical injuries. The injuries are already painted. For an even more realistic look artificial blood can be added. Instead of time consuming Make-up the moulages will be immediately ready for use. Use your valuable time for training, not for Make-Up.

All wounds are delivered in transport boxes. Manufactured in Germany.



The wounds adhere independently
✓ on skin ✓ on dolls,
but can be used for improved liability (e.g. in scenarios with a lot of movement) with skin-glue.

Wound moulage bullet wound arm, big

Ref.no. NW104
Details:

with bleeding function



Wound moulage bullet entrance hole

Ref.no. NW010A
Details:



Wound moulage bullet hole leg, big

Ref.no. NW105
Details:

with bleeding function



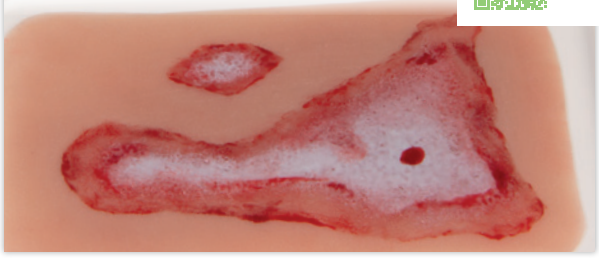
Wound moulage bullet exit hole

Ref.no. NW010B
Details:



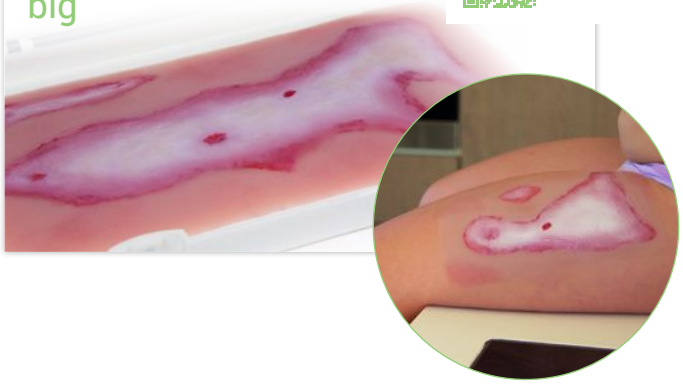
Wound moulage scalding

Ref.no. NW011
Details:



Wound moulage scalding, big

Ref.no. NW108
Details:



Ref.no. NW007
Details:

Wound moulage 2nd degree burn



Ref.no. NW008
Details:

Wound moulage 3rd degree burn



Ref.no. NW106
Details:

Wound moulage 2nd degree burn, big



Ref.no. NW107
Details:

Wound moulage 3rd degree burn, big



Ref.no. NW006
Details:

Wound moulage „abrasion“





Ref.no. NW001
Details:

Wound moulage „cut with glass fragment"





Bleeding Function

The large wounds have a bleeding function. An incorporated, invisible tube allows the wound to bleed realisticly. The tube is connected to an infusion bag which could be filled with artificial blood. Thus the mime himself, or a third person bleed the wound.

Ref.no. NW100
Details:

Wound moulage cut, big

with bleeding function



Ref.no. NW103
Details:

Wound moulage open fracture leg, big

with bleeding function



Ref.no. NW102
Details:

Wound moulage open fracture arm, big

with bleeding function



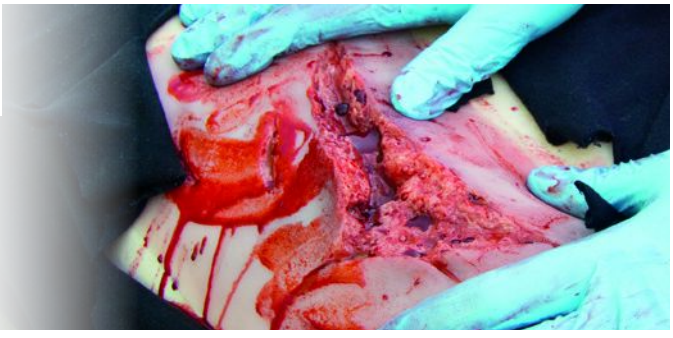


Ref.no. NW101
Details:

Wound moulage laceration, big

with bleeding function

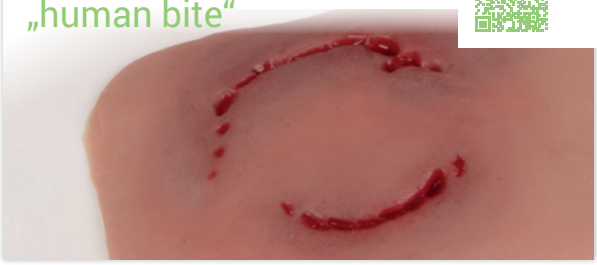






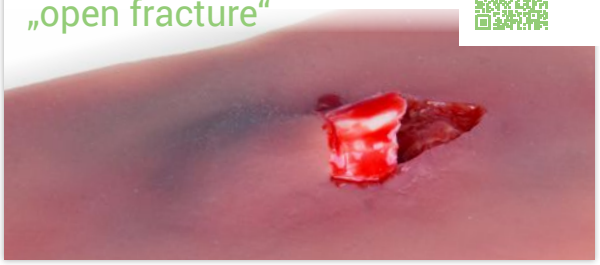
Wound moulage „human bite“

Ref.no. NW005
Details:



Wound moulage „open fracture“

Ref.no. NW004
Details:



Wound moulage „cut“

Ref.no. NW002
Details:



Wound moulage cut broken bottle

Ref.no. NW009
Details:



Wound moulage „laceration“

Ref.no. NW003
Details:





Wound moulage protruding of large intestines

Ref.no. NW109
Details:

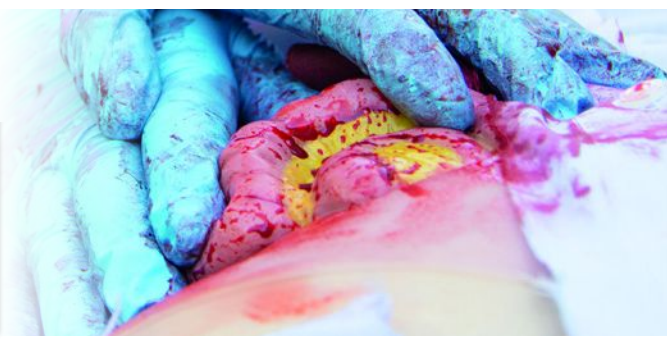




Wound moulage protruding small intestines

Ref.no. NW111
Details:







Emergency lower leg

Lifelike Model of a human leg with deep tissue injury, caused by an explosive (blind grenade). The vessel system can be connected with a Luer-lock connector. The whole model is made of strong silicone material and can be used for tamponade treatment of the wounds.

Ref.no. R50010
Details:



Emergency leg

Complete, life size leg from hip to toe, with explosion injury (blend grenade) on the lower leg and a shot right through the upper leg. Both wounds do have a pumping mechanism and can be used for tamponade treatment. On the upper leg additionally training of tourniquet use is possible. Both wounds can bleed independently so the situation can be adjusted to your training needs.

Ref.no. R50020
Details:





Bloody M.A.R.C Blood pumping system with Reservoir - Backpack

The Bloody Mobile Automated Remotely Circuit blood supply module fits perfectly to our wound moulages with bleeding function. The reservoir backpack holds up to 3 liters of artificial blood which can be pumped into up to 4 wounds simultaneously. Because of the backpack design the blood supply is not obvious to see and integrates perfectly into your training scenario. The reservoir bag has an extra big opening to allow easy emptying and cleaning.

Manual Version
Ref.no. NW900
Details:

With electronic pump and remote control
Ref.no. NW950
Details:



Skin Glue

225 g Bottles.
Ref.no. 7700
Details:



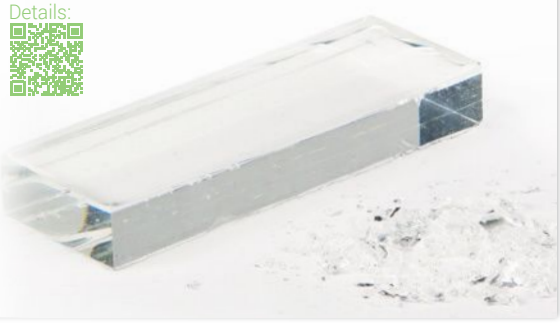
Artificial blood

250 ml bottle.
Ref.no. 7024
Details:



Artificial Glass

for splinter simulation.
Ref.no. NW200
Details:



EZ wounds – professional wound simulation set

With this casualty simulation set you create extremely realistic wounds for medical training in a few minutes without having any make-up skills. The molds included in this set can be filled with wound simulation compound many times. The filled molds are pressed onto the required wound position after the compound has dried, the wound adheres to the skin or the manikin without the need of glue. Add some of the supplied artificial blood and the wound is ready for use. For those who require extreme realism a flesh compound can be added into the wound to make it even more realistic. Wounds can be dressed several times, remove the dressing from the wound, wash away the blood and re-apply new blood. Ready for another turn. After finishing the training, the wounds can be easily removed and disposed. No need for cleaning and maintenance. Consumables like wound compound, flesh compound, fixation powder and artificial blood are available separately. The set includes 3 cuts, 7 different lacerations, a hard-contact shot wound, a distant shot wound and a bullet exit wound. The set includes also wound compound, flesh compound, fixation powder, isopropanol, artificial blood, a spatula for applying the compounds and some cotton swabs for applying the blood. The perfect set for professional training of paramedics, firefighters and doctors.











Ref.no. WS02
Details:

EZ wounds – Casualty simulation set basic

The set includes a cut, a superficial and a deeper laceration, and an abrasion. The set includes also wound compound, flesh compound, fixation powder, isopropanol, artificial blood, a spatula for applying the compounds and some cotton swabs for applying the blood. The perfect set for training of first aiders and basic training of youth firefighters or youth Red Cross.



Ref.no. WS01
Details:

EZ wounds – Casualty simulation set for standardized patients

The set includes a cut, a superficial and a deeper laceration, and an abrasion as well as a textile impression as for example a safety belt in a car would cause. For simulation of hematomas the set includes four skin colors. The set includes also wound compound, flesh compound, fixation powder, isopropanol, artificial blood, a spatula for applying the compounds and some cotton swabs for applying the blood. The perfect set for professional training in skills labs.



Ref.no. WS03
Details:



First aid arm

Train students in the proper techniques used to control severe bleeding. Direct Pressure. Pressure Points. Tourniquet

The First Aid arm provides extremely realistic appearance and function to make your training exercise true-to-life. Looks and feels like a real arm. Synthetic blood can be made to flow from either the cut on the forearm or from the severed thumb, or from both at the same time. The severed thumb allows training in proper care and handling of separated body members. You can regulate rate of bleeding and create venous or arterial flow. Blood returns to collection tray for reuse. Pressure points function realistically at wrist and upper arm. Students will need to react just as in an actual emergency and select the appropriate method to control bleeding and treat the wound. Includes vinyl arm with wound, severed thumb, collection tray, arterial pulse bulb, venous supply bag, one quart blood, teaching guide, and hard carrying case.

Ref.no. R10319
Details:

Facial suturing module set



Now that your students have mastered basic suturing skills on a flat pad, offer them more challenging real-life scenarios with the Facial Suturing Module Set. Use these handy portable trainers to help build confidence and technique in the repair of complex lacerations to the mouth, nose, ear and eye. The soft, lifelike skin can be cut and stitched many times, then easily replaced over the permanent core and base. Completely washable and nontoxic. Set includes scalpel, forceps, needle holder and scissors in a soft case, baby powder, and one nylon suture.

Ref.no. R11001
Details:

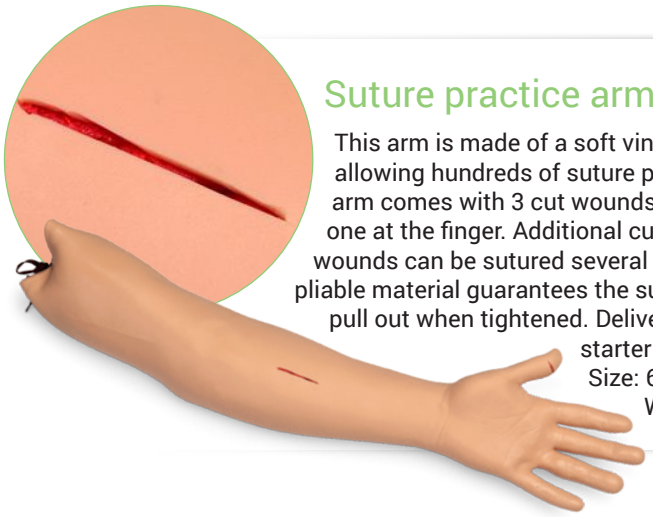


Pediatric suture head kit



We are pleased to offer the ultimate in suture practice! This appealing trainer will build essential techniques in the repair of almost any laceration to the face and scalp. Great for practice in draping and bedside skills as well. The soft, lifelike skin can be cut and sutured hundreds of times, then simply replaced over the permanent core and base. Completely washable and nontoxic. The trainer comes with scalpel, forceps, needle holder and scissors in a soft case, one nylon suture, simulated blood, and baby powder.

Ref.no. R11103
Details:



Suture practice arm

This arm is made of a soft vinyl skin over a foam allowing hundreds of suture practice sessions. The arm comes with 3 cut wounds, two at the arm and one at the finger. Additional cuts can be placed. All wounds can be sutured several times. The soft and pliable material guarantees the sutures will not pull out when tightened. Delivered with a starter suturing kit. Size: 62 x 18 x 13 cm, Weight: 1 kg.

Ref.no. R10025
Details:



Suture practice leg

This leg is made of a soft vinyl skin over a foam allowing hundreds of suture practice sessions. The leg comes with 3 cut wounds. Additional cuts can be placed. All wounds can be sutured several times. The soft and pliable material guarantees the sutures will not pull out when tightened. Delivered with a starter suturing kit. Weight: 1,2 kg.

Ref.no. R10024
Details:



Suture kit

An inexpensive kit that offers practicing sutures at all levels. Suitable for students who need to learn or health care professionals who want to perfect the different types and techniques of sutures and other skills needed for wound closure. The instructor or student will have the ability to make incisions and determine the depth of suturing and the technique to be used. Practice and demonstrate tying knots, stapling and placement of staples, use of surgical glue, suturing deep tissue (placement and closure), and suturing subcutaneous tissue (placement and closure). Features epidermis, dermis, fascia, fat, and muscle layers. The skin will allow placement and closure of superficial sutures. Includes suture pad, tray to hold pad, durable carry case, needle holder, suture scissors, tissue forceps, scalpel, nylon suture, and small case to hold the instruments. Pad Size: 15 x 10 x 4 cm, Weight: 1.25 kg.

Ref.no. R10030
Details:



Advanced suture kit

Take your suture skills practice to a new level! The soft, flexible three-layer skin opens realistically when incised, yet is highly resistant to tearing — sutures won't cut through even when pulled tight. Skin pad can be sutured hundreds of times. Includes easy-to-change specialty inserts for deep dermal suturing, tendon repair, and purse-string suture — challenging procedures that require a high degree of precision. Compact, portable and completely washable. Includes base, one skin pad, four non-latex bands, one muscle block, one deep dermal insert, one tendon block, one tendon, one purse-string insert, suture kit, and carry bag. Weight: 1.5 kg.

Ref.no. R11212
Details:



Skin suture trainer

BEST SELLER

This suture trainer allows practicing surgical sutures again and again. The suturing resistance of the artificial skin is almost like the real skin. Different skin suture techniques can be practiced (single interrupted suture, vertical mattress suture and intracutaneous suture). The material is very robust and guarantees a long term use. Due to this the costs per students are very low at highest possible training quality. Including jig with suction cups. This trainer was developed in co-operation with Prof. Dr. Sarah Koenig, associate professor, surgical skills lab, dept. for general and visceral surgery, University Medicine Goettingen.

Ref.no. 7060
Details:



Replacement skin pad
Ref.no. 7060A

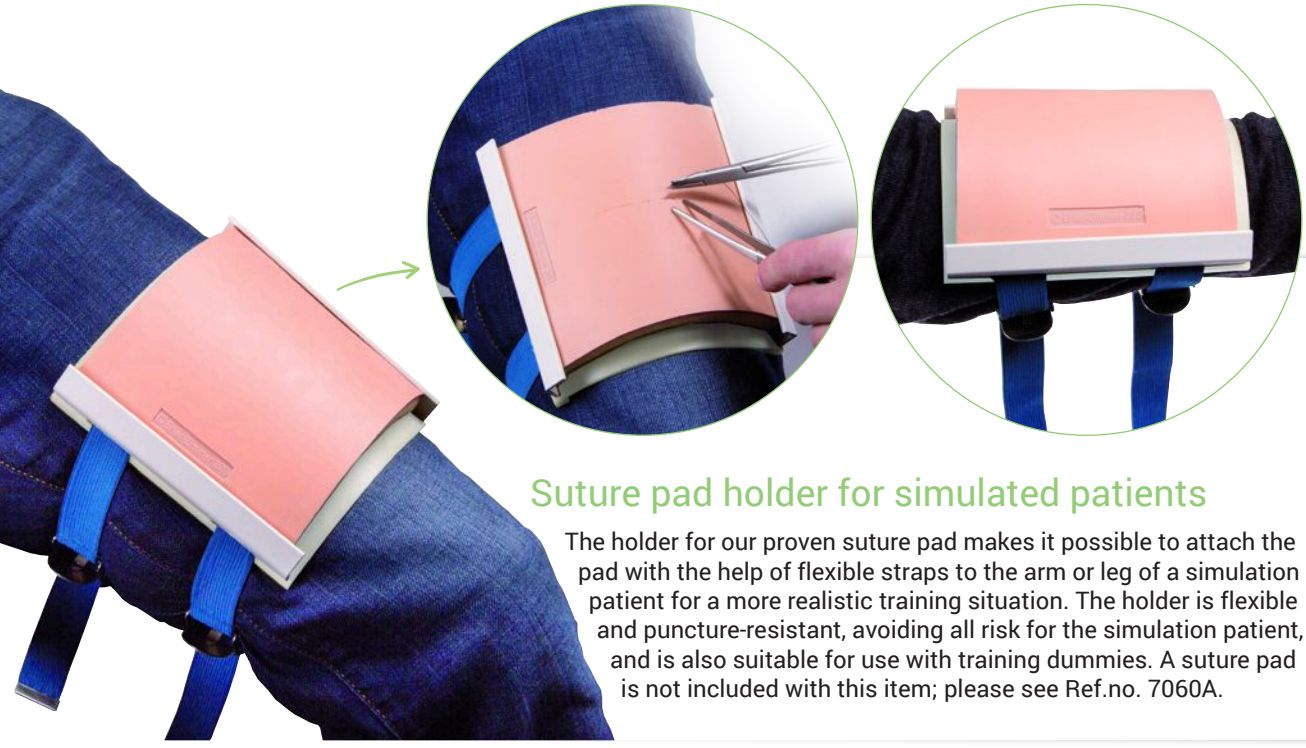
Replacement pad holder
Ref.no. 7060B

Replacement Skin Pad, transparent

The thread is visible through the superficial skin layer and allows to see the position of the whole suture for education purposes.

Ref.no. 7060T
Details:





Suture pad holder for simulated patients

The holder for our proven suture pad makes it possible to attach the pad with the help of flexible straps to the arm or leg of a simulation patient for a more realistic training situation. The holder is flexible and puncture-resistant, avoiding all risk for the simulation patient, and is also suitable for use with training dummies. A suture pad is not included with this item; please see Ref.no. 7060A.

Ref.no. 7060C
Details:

Dermal Lesion Simulated Tissue

The Dermal Lesion Pad is a great companion to any dermatological training program. The simulated moles and skin tags sit atop the Epidermis which layers upon the Subcutaneous fatty layer and the Fascia layer below that. Consisting of our 3-Layer Technology, this pad also boasts the opportunity to practice various biopsy methods including: Punch, Shave, Excisional, and Snip Biopsy as well as Mole Removal and Skin Reconstruction.





Light Skin
Ref.no. SRE0150D
Details:

Dark Skin
Ref.no. SRE0151D
Details:

Dermal Biopsy kit with Dermal Lesion Sim Tissue

The Suture Training Kit combines the Dermal Lesion Suture Pad with a set of suturing instruments and three packages of non-sterile 3-0 practice suture. Instruments included in the kit:, 1 Disposable No. 10 Scalpel, 1 Adson Tissue Forceps (1 x 2), 1 Stich Scissor, 1 Mayo Hegar Needle Holder 6".



Light Skin
Ref.no. SRE0150DK
Details:

Dark Skin
Ref.no. SRE0151DK
Details:

I&D Simulated Cyst /Abscess Tissue

The realism SurgiReal commits itself to does not disappoint in the I&D Simulated Cyst/Abscess Pad. Embedded within our 5-Layer Technology sits a simulated cyst next to a simulated abscess to give students the ability to practice abscess drainage/ closure, cyst removal/ closure, and suturing.





Light Skin
Ref.no. SRE0220L
Details:

Dark Skin
Ref.no. SRE0220
Details:

I&D Simulated Cyst/Abscess Pad Suture Training Kit

SurgiReal´s I&D Simulated Cyst/Abscess Suture Training Kit combines the I&D Simulated Cyst/Abscess Suture Pad with a set of suturing and six packages of non-sterile practice suture.Instruments included in the kits: 1 Disposable No. 10 Scalpel. 1 Adson Tissue Forceps (1x2). 1 Stich Scissor. 1 Mayo Hegar Needle Holder 6. 3 Nylon Suture Packages 3-0. 3 Nylon Suture Packages 4-0.



Light Skin
Ref.no. SRE0220LK
Details:

Dark Skin
Ref.no. SRE0220K
Details:

SURGI REAL SUTURE PADS

Designed to be the most realistic and affordable suture training products available, SurgiReal's line of suture pads give every student the ability to gain life-like experience before their first live patient.



Suture pad 1-Layer transparent

small
Ref.no. SRE0100
Details:

large
Ref.no. SRE0100C
Details:



Suture pad 3-Layer

small Light Skin
Ref.no. SRE0150L
Details:

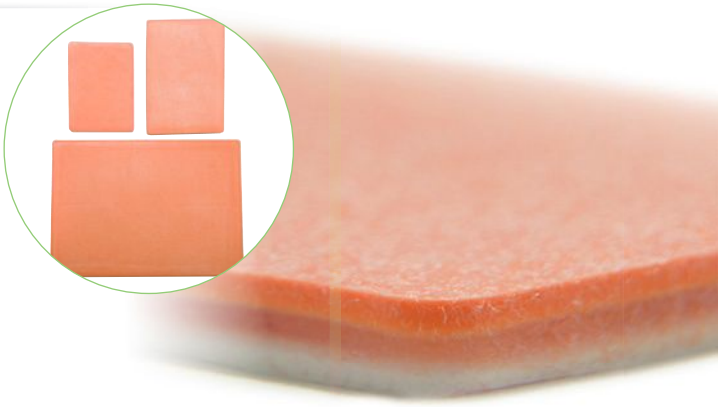
medium Light Skin
Ref.no. SRE0250L
Details:

large light Skin
Ref.no. SRE0350L
Details:

small Dark Skin
Ref.no. SRE0150
Details:

medium Dark Skin
Ref.no. SRE0250
Details:

large Dark Skin
Ref.no. SRE0350
Details:



Suture pad 6-Layer

small Light Skin
Ref.no. SRE0230L
Details:

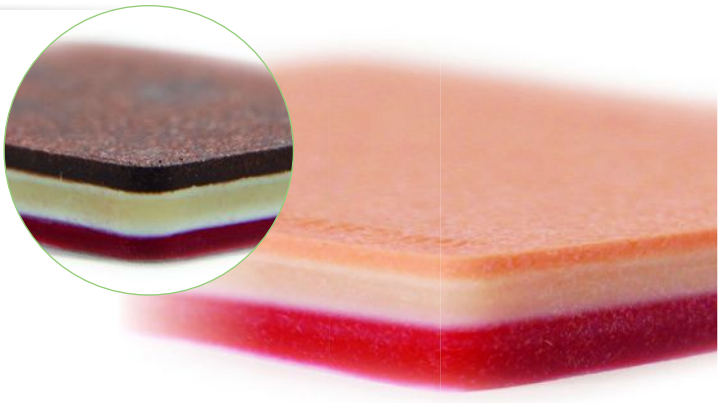
medium Light Skin
Ref.no. SRE0330L
Details:

large light Skin
Ref.no. SRE0430L
Details:

small Dark Skin
Ref.no. SRE0230
Details:

medium Dark Skin
Ref.no. SRE0330
Details:

large Dark Skin
Ref.no. SRE0430
Details:



Tensioning Base for Skin pad

small
Ref.no. SRE0210
Details:

medium
Ref.no. SRE0310
Details:



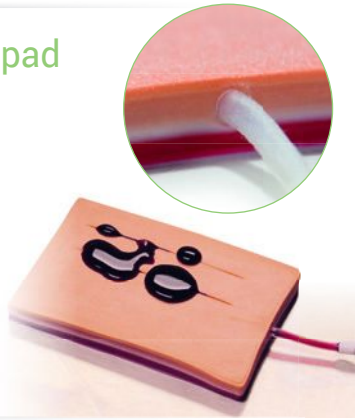
Real Flow bleeding Skin pad

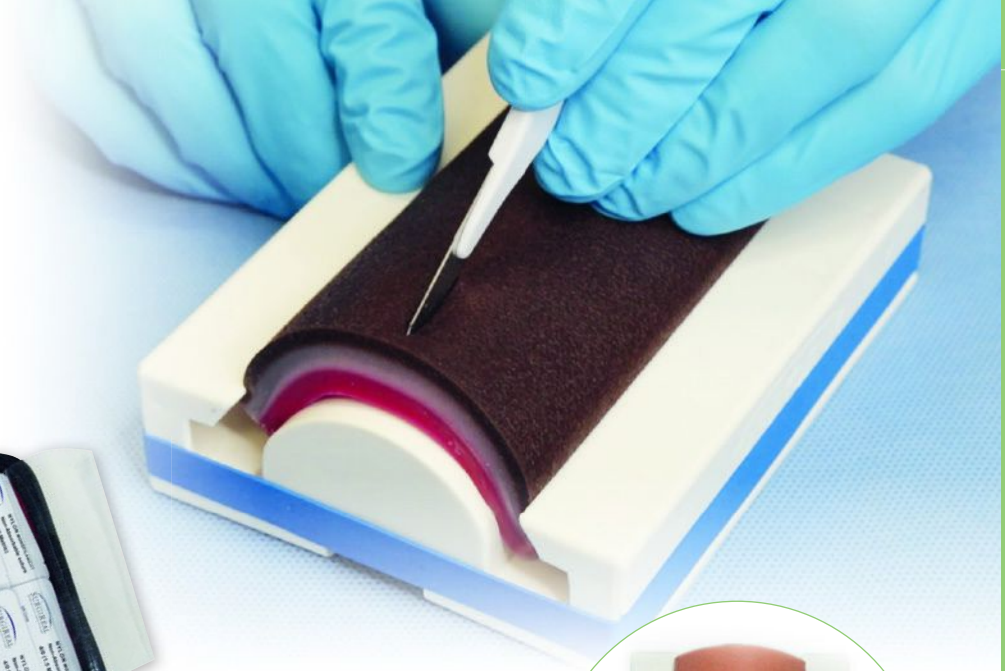
medium Light Skin
Ref.no. SRE0331L
Details:

large light Skin
Ref.no. SRE0431L
Details:

medium Dark Skin
Ref.no. SRE0331
Details:

large Dark Skin
Ref.no. SRE0431
Details:

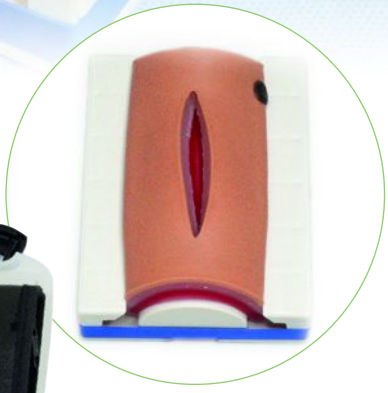




Instruments included in this kit:

1 Disposable No. 10 Scalpel, 1 Adson Tissue Forceps (1 x 2), 1 Stich Scissor, 1 Mayo Hegar Needle Holder 6".





Suture Training Kit with 1-Layer Pad

transparent
Ref.no. SRE0100K
Details:



Suture Training Kit 3-Layer Pad

small Light Skin
Ref.no. SRE0150LK
Details:

medium Light Skin
Ref.no. SRE0250LK
Details:

small Dark Skin
Ref.no. SRE0150K
Details:

medium Dark Skin
Ref.no. SRE0250K
Details:



Suture Training Kit 6-Layer Pad

small Light Skin
Ref.no. SRE0230LK
Details:

medium Light Skin
Ref.no. SRE0330LK
Details:

small Dark Skin
Ref.no. SRE0230K
Details:

medium Dark Skin
Ref.no. SRE0330K
Details:







Abdominal open and closure trainer

The Advance Abdominal Open and Closure Skin Pad has been developed to simulate real skin tissue and for ease of use by course organisers on low budgets doing basic surgical courses. It is supplied with a pink skin surface with sub-dermis for intradermal suturing. A white linear alba makes up a further layer.

- ✓ Easy maintenance, requiring only a set of balloons and set of skins
- ✓ Up to 4 good incisions can be made from each set of skins
- ✓ Skins cut and suture well
- ✓ Included with the kit are four balloons and a set of skins (1 red, 1 white)
- ✓ Internal planes within the unit prevent the balloon from moving around
- ✓ Rubber suction feet secure the base providing easy working conditions

Ref.no. R10093
Details:

Trochar-trainer

- ✓ This simple new concept provides a useful means to demonstrate a trochar being inserted through the abdominal wall
- ✓ The skin pad will accept most trochars from a Verres type needle to a 12 mm trochar.
- ✓ The skin tissue has considerable elasticity and has been designed to simulate the resistance experienced on body entry.
- ✓ The transparent box allows for full visual access. Without trochar.

Ref.no. R10094
Details:





Laparoscopic trainer

The portable laparoscopic trainer is designed to provide low cost assistance in laparoscopic training.

- ✓ Supplied with 4 mm black neoprene skin
- ✓ Simple to assemble and ready for use in seconds
- ✓ Works with wet tissue (eg. Pig liver) or dry (eg. foam)
- ✓ Size: 39 x 39 x 22 cm

Ref.no. R10086
Details:

Accessories:

Neoprene skin (2 pcs)
Ref.no. R10086-1
Details:

Transparent skin for daylight use
Ref.no. R10086-2
Details:



Surgery and laparoscopy Torso

This trainer is aimed at all levels of surgeons in training whose surgical skills necessitate extra practise. Once set up, the torso can self-educate using his/her preferred surgical laparoscopic instrumentation for a variety of techniques. The Torso has the following features:

- ✓ Can insufflate and maintain airtight pressure
- ✓ Supports usage of wet tissue or prepared artificial materials
- ✓ Can be used for surgical diathermy. There is a fixed metal plate in the base of the unit with a connection on the outside to enable earthing (only version with diathermy).
- ✓ Can be easily cleaned by flushing out through a large airtight drain plug
- ✓ It is light weight and has a carrying handle

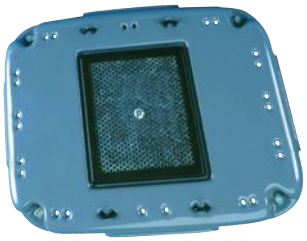
with Diathermy
Ref.no. R10083
Details:

without Diatherm
Ref.no. R10084
Details:

Accessories:

Organ board for laparoscopy Torso

The Organ Board for R10083 allows trainers to prepare specimens in advance for use in the Surgery and Laparoscopy Torso. The board has a simple interchangeable push-peg and hoop-tie system for securing specimens. A diathermy plate is mounted on the board. Furthermore, suction feet provide a firm placing for the board within the Torso.



Ref.no. R10083-1
Details:

Abdominal skin with fatty tissue

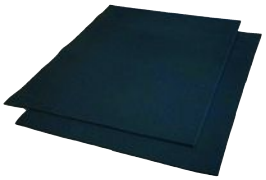
A smooth soft-tissue multi-functional Skin Pad with a pink surface and a yellow fatty tissue layer, 12 mm thick. Ideal to take trocar incisions or larger incisions and can be sutured. Realistic tactile feeling when surgical zips or gloves are used.



Ref.no. R10083-2
Details:

Neoprene skin

2 replacement skins for Laparoscopy Trainer R10083.



Ref.no. R10083-3
Details:



Surgical skills trainer

This suturing trainer is perfect for training of basic operation skills. A suturing skin pad as well as an anastomosis bowel can be replaced. The perfect aid for the laparoscopic trainer R10083 or R10086. Size: 25 x 23 x 9 cm.

Ref.no. R10083-4
Details:

Small Intestive Simulator Two 40 cm segments

Specially designed to replicate a segment of intestine, this model is a great option for students hoping to practice end-to-end, side-to-side, end-to-side, and functional end-to-end anastomotic techniques. Both stapling and suturing techniques are supported by this simulator and the security of your closure can be tested by filling the intestine with water to spot leakage.

Ref.no. SRE0500
Details:











Hollow Organ/Stomach Model

SurgiReal's Hollow Organ-Stomach model provides a unique experience in suturing hollow organs. Because hollow organs require a different suturing technique than skin closures do, this model offers an opportunity to experience a variety of suturing situations. Though simulated to look like a stomach, this model is meant to train general hollow organ suturing.



Ref.no. SRE0510
Details:

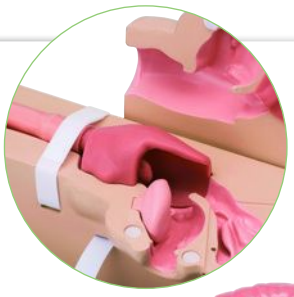
Endoscopic submucosal dissection training model

This resinoid model represents almost similar figure of human stomach, and can be used for the training of ESD. Considering the operability of endoscope, the transition part, from esophagus to stomach is made of soft resin. By setting a real dissected stomach of porcine at the area where ESD is supposed to be executed, very similar feeling of human stomach wall can be recognized using endoscope. The following locations can be used to place tissue:

- ✓ Vestibular anterior wall
- ✓ Vestibular posterior wall
- ✓ Greater curvature at gastric angle
- ✓ Lesser curvature
- ✓ Greater curvature in the gastric body.
- ✓ Comes with transport case.

Ref.no. LM83
Details:




EGD (esophago-gastroduodenoscopy) simulator

This product is a simulator for inserting an endoscope into the upper gastrointestinal tract and performing an examination. The endoscope can be inserted both by the transoral and the transnasal method, and reproduced ulcers and polyps for observation are provided.

Ref.no. LM103
Details:

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Features:

- ✓ The simulator is made of silicone rubber, and it feels like a human body when inserting an endoscope. The color is also close to that of the human body.
- ✓ Both transoral and transnasal insertion can be performed.
- ✓ With transnasal insertion, there is a setting for cases that are difficult to insert. The insertion technique or appearance can be changed (nasal septum deviation to the right or the left).
- ✓ Training in endoscopic examination of the esophagus, stomach, and duodenum is possible.
- ✓ In endoscopic retrograde cholangiopancreatography (ERCP), training in the cannulation method of the papilla is also possible.
- ✓ A gastric ulcer and early gastric cancer can be observed in the stomach. Four types of polyps of Yamada classification types I to IV can also be attached for observation.
- ✓ An ulcer is reproduced in the duodenum.
- ✓ The face portion can be opened at the midline to understand the anatomical structure of the nasal and oral cavities and the larynx.



Gastroscopy-Simulator Gastro (EGD)

A large number of different inserts allows polyp treatments like injection, lifting, cutting and removement, simulation bleeding stop, stenting and others

Features:

- ✓ Training model for interventional gastroscopy
- ✓ Realistic anatomical structures
- ✓ Removal of tissue with cold snare, e.g. polypectomy
- ✓ Taking tissue biopsy with forceps
- ✓ Placement of stents in the esophagus, stomach and duodenum
- ✓ Treatment of bleeding / stopping bleeding with injection, clips and band ligation
- ✓ Practice with existing endoscopes and original accessories
- ✓ Practice of tissue injections
- ✓ Varicose ligature

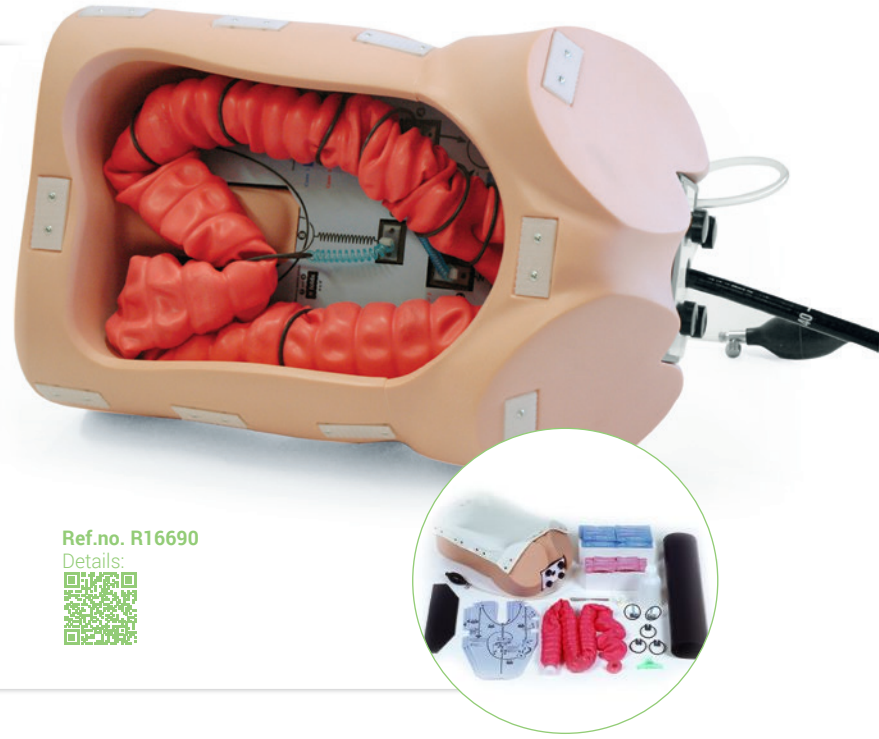
Optional extension:

- ✓ Module EUS - Training of endoscopic ultrasound (EUS) with puncture possibility (FNA)
- ✓ Module PEG - Application
- ✓ Module pancreas and bile duct

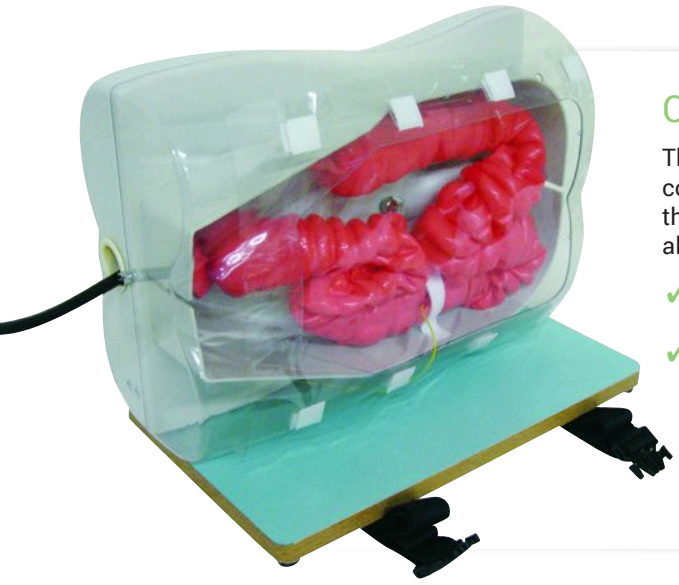
Ref.no. R21100
Details:

Colonoscope training model

Soft and flabby colon with airtight structure allows realistic colonoscope insertion and withdrawal training with air insuflation/suction functions and maneuver techniques which reduce patients' pain and discomfort in the examination procedures. Human colons are organs which move in our abdomen and change their shapes to accommodate contents. The training model facilitates learning how to obtain the best view while handling the organ by the colonoscope. In addition to such changing state of each colon, there are significant varieties in each individual's colon, some are shorter and simpler and others are redundant and more complicated. This innovative training model is designed to allow various colons' placement, facilitating trainees to acquire the skills step by step to achieve higher competence.



Ref.no. R16690
Details:



Colonoscopy Simulator

The Colonoscopy Simulator is a training model for practicing colonoscopy insertion. The simulator is made of special silicone rubber that feels like a living body in the observation field. The internal color also closely resembles that of the living body. **Features:**

- ✓ Observation can be performed by attaching a simulated polyp (for observation) in the ascending and descending colons.
- ✓ LST (laterally spreading tumor) is reproduced in the ascending colon.

By attaching various optional parts, it allows training in endoscopic interventions, such as resecting a polyp and stopping bleeding, and insertion into the small intestine using a balloon enteroscope.

Ref.no. LM107
Details:

Optional small intestine extension

Features:

- ✓ Practical training for the double balloon method can be performed
- ✓ Practical training for the single balloon method can be performed
- ✓ Using each type of balloon enteroscopy, insertion into the large and small intestine and shortening technique can be performed
- ✓ The small intestine has a total length of 120 cm and contains an internal scale with intervals of 30 cm to enable the user to confirm the length of insertion
- ✓ The level of difficulty of inserting the enteroscope into the small intestine can be changed (Two types)





Semi-difficult version
Ref.no. LM107A
Details:

Easy version
Ref.no. LM107B
Details:



Bronchoscopy trainer

This product can be used for insert training of ultrafine bronchoscopy as well as existing bronchoscopy. Special fabrication methods allow recreation of ultrafine bronchoscopy that could not be done before. Most methods duplicate distal bronchus. Ultrafine bronchoscopy enables insertion all the way through the distal bronchus. The material is specialized silicone rubber. The sense of bronchoscopy insertion allows a feeling like human-like texture due to elasticity. In addition, the internal bronchial tube is a humanlike color. The bronchial tube and the stand are easily removable from the outer case. Bronchus is detachable and washable after insert training.

Ref.no. LM92
Details:



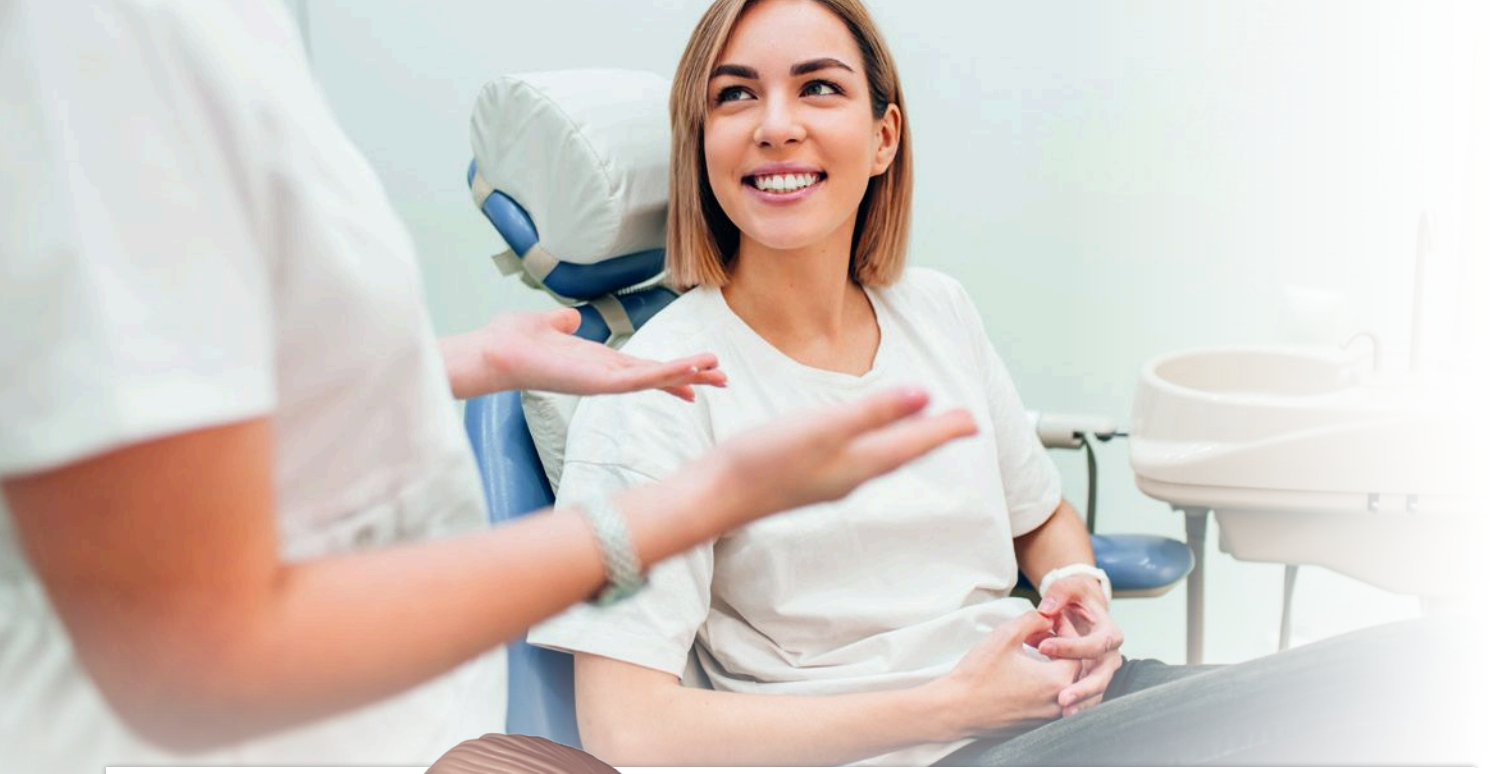
Ultrasonic bronchoscopy simulator

This model can be used not only for ultrathin bronchoscope insertion training, but also for endobronchial ultrasound-guided transbronchial needle aspiration (EBUS-TBNA) training. **Features:**

- ✓ Visualizing ultrasonic bronchoscopy images of lymph nodes embedded in the puncture site enables highly realistic definitive diagnosis of cancer metastases to the hilar and mediastinal lymph nodes, as well as practical training for puncturing the target lymph node.
- ✓ The ultra-thin structures of the bronchi in the bronchi main body were reproduced using a special manufacturing method, including the 5th order bronchi. Ultra-thin bronchoscopes can be inserted up to the 5th order bronchi.
- ✓ A head model is attached, enabling insertion of the ultrasonic bronchoscope from the oral cavity and confirmation of the bifurcation of the bronchi and esophagus.
- ✓ The bronchi main body and the bronchi-support stand can be easily removed from the black case.
- ✓ The peripheral parts of the three-dimensional bronchi can be fully opened, enabling washing with water following endoscope insertion training.
- ✓ The material used is a special silicone rubber. Its elasticity confers a human body-like texture when inserting the bronchoscope. The inside of the bronchi is also similar in color to the human body.

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Ref.no. LM99
Details:





Dental manikin

A simple and economical chair manikin for auxiliary training of assistants and hygienists in the dental office. Unit includes DENTOFORM® model for technique training, Aluminal skull, and soft outer Plassein head. Universal ball-joint allows for rotation of head into a variety of positions. Includes chair mount. Weight: 2.8 kg.

Ref.no. R17000
Details:

Dental manikin bench mount

This small portable bench-clamp is popular with dental assistant and dental hygiene classes, as well as for dentistry students. It has a lightweight universal ball-joint for simulating neck movement. Use with Dental Manikin R17000. Weight: 1 kg.

Ref.no. R17000A
Details:



Dental models can be found on pages 67 and 68

ERLER ZIMMER

Medical Imaging



FULL BODY X-RAY PHANTOM

with real human bones

UNIQUE IN the world









Made in ♥ Germany

View product video here:




PHILIPS
X-RAY MANIKIN



Full Body X-Ray Phantom

BEST SELLER

This model is unique in the world and provides excellent training opportunities for positioning and alignment techniques in projection radiography. It should be part of the basic equipment of any radiographic school. The phantom contains a real human skeleton as well as outlines of larynx, lung, heart and kidneys (organs will create a shadow on the image), which allows taking real X-ray images like in a patient. Using a real skeleton provides even smallest guiding structures which is impossible with a plastic skeleton. During assembly of this phantom we pay special attention to the correct size of joint spaces. All joints are moveably mounted allow positioning in all normal x-ray positions (e.g. frog position, pro- and supination of lower arm). The arms can be moved upwards which makes the phantom suitable for use in all kinds of osseous examinations under CT. Each phantom is hand-made one of a kind; it may differ in size and appearance. Depending on the individual phantom it may have some pathologies, outer shape may differ depending on size of the skeleton. The new version was re-designed in co-operation with a well-known German school for radiographers and fits all needs for education in radiography. This phantom is only sold against proof of medical use. Life size.

Ref.no. 7200
Details:



Also Partial phantoms available!

All Erler-Zimmer phantoms including transport cases



Radiographic positioning doll, plastic skeleton

This model offers all features of model 7200 but includes a plastic skeleton and is due to this only suitable for positioning training. Including a transport and storage case.

Ref.no. 7201 (ohne Abb.)
Details:

Got a broken phantom? Have it repaired at our premises in 4 easy steps:

1. Pick-Up Service
The forwarder comes with an empty transport case and collects your phantom.

2. Repair Cost Estimate
We will provide you with a cost estimate. You decide about a repair then.

3. Repair
The phanotm will be repaired fast and reasonable priced at our factory. Result: as **NEW!**

4. Delivery
The "new" phantom will be delivered by the forwarder.

X-Ray thorax

Thorax X-ray phantom, consisting of spine (C6 to L3), thoracic cage, shoulder blades and collar bones, embedded in soft materials. Mounted without metal parts. Organs (lung, heart, kidneys) are present as outlines to create a shadow on the x-ray image. The natural bones used may have, depending on availability, individual pathological changes, minor structural defects or mounting holes.



Ref.no. 7400
Details:

NEW PRODUCT

X-Ray Phantom Pelvis, flexible

This flexible X-Ray phantom Pelvis contains real human bones and offers the unique opportunity to take real x-ray images. This Phantom consist of a complete pelvis including coccyx, two lumbar vertebrae (L4+L5) and femur stumps. The soft material makes this product ideal for palpation. The natural bone used may have, depending on availability, individual pathological changes, minor structural defects or mounting holes. Delivered with strong transport case.



Ref.no. 7410
Details:

X-ray phantom head

Human skull, safely embedded in plastic for easy use. The jaws are slightly open to allow dental panoramic images of the teeth. The neck includes some cervical vertebrae depending on the ordered type. An embedded tread allows the use with a tripod. The jaw may have dental gaps, dental repairs, broken teeth, replaced teeth or other individual features. For detailed information about the available phantoms please contact our sales team.



BEST SELLER

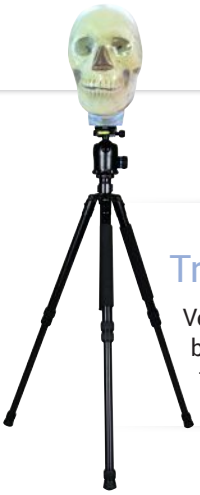


X-ray phantom head with cervical vertebrae, transparent
Ref.no. 7300
Details:

X-ray phantom head with cervical vertebrae, opaque
Ref.no. 7310
Details:

X-ray phantom head, transparent
Ref.no. 7320
Details:

X-ray phantom head, opaque
Ref.no. 7330
Details:



Tripod for X-Ray Phantom head

Very strong tripod for use with the x-ray phantom head. Foldable but stable, holding the head safely in place. With rotatable head for precise positioning of the phantom in the x-ray machine

Ref.no. 7350
Details:

X-RAY PART PHANTOMS

All Erler-Zimmer phantoms including transport cases



Our X-Ray part phantoms give the unique opportunity to take x-ray images of single body parts again and again. The Phantoms include real human bones and allow to take real x-ray images. The models are perfect for schools and education, but also for medical technicians since the same bones can be x-rayed again and again in different settings without the danger of harming a patient.

The bones are embedded in transparent plastic. If requested the phantoms can be coated with opaque color to hide the inner structures. All phantoms are handmade and unique. They may differ in size and shape. Due to production technology there may be discoloring and cracks inside the phantom. This is related to production and is no lack of quality. These phantoms are only sold against a proof of medical use.

X-ray Phantom hand

Hand with wrist.

Transparent
Ref.no. 7210
Details:

Opaque
Ref.no. 7215
Details:



X-ray Phantom foot

BEST SELLER

Foot Skeleton with start of lower leg.

Transparent
Ref.no. 7230
Details:

Opaque
Ref.no. 7235
Details:



X-ray Phantom knee

Part of upper- and lower leg and patella.

Transparent
Ref.no. 7250
Details:

Opaque
Ref.no. 7255
Details:



X-ray Phantom lower arm

BEST SELLER

Hand with forearm and elbow.

Transparent
Ref.no. 7220
Details:

Opaque
Ref.no. 7225
Details:



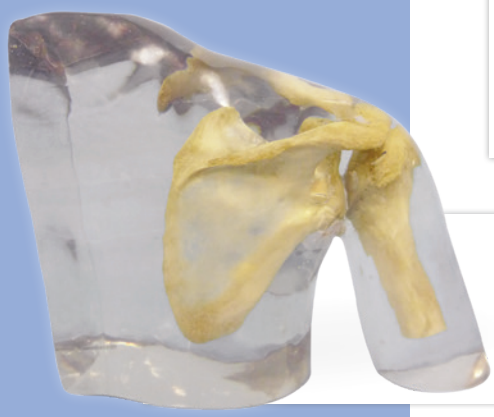
X-ray Phantom elbow

Part of upper and lower arm.

Transparent
Ref.no. 7260
Details:

Opaque
Ref.no. 7265
Details:





Transparent
Ref.no. 7340
Details:

Opaque
Ref.no. 7345
Details:

X-ray Phantom shoulder

Humerus with shoulder girdle.

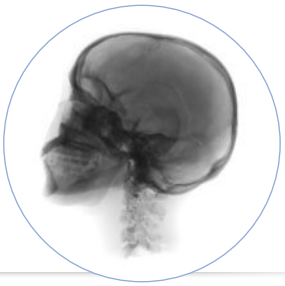
This series of sectional phantoms offers x-ray imaging with always identical images without anatomical differences between two models. This means you can use several identical phantoms or replace a broken or lost phantom by exactly the same. This is especially useful in case for example several technicians shall make identical images on different machines or an educational institute wants to make their own complex teaching papers. The phantoms are available in transparent or opaque versions, allowing to choose the suitable version. You may for example use the transparent phantom for teaching since it is easier to position and then change to the opaque phantom for examination purposes.

Head phantom

Transparent
Ref.no. R16700
Details:

Opaque
Ref.no. R16701
Details:







Dental Radiography Head Phantom

This radiography phantom has removable jaws and tongue allowing for a variety of applications for training and research.

Features:

- ✓ Each tooth is individually modeled and has a three-layer structure of enamel, dentin and pulp cavity.
- ✓ Each hard tissue (enamel, dentin, cortical bone and cancellous bone) has a particular HU number and X-ray absorption rate.
- ✓ Jaws and tongue are detachable to allow access to the oral cavity, pharyngeal cavity and maxillary sinus. Sensors, simulated lesions, or residue can be set in these cavities.
- ✓ Carotid arteries are prepared as lumens to accommodate simulated calcifications.

Anatomy:

- ✓ Synthetic skull with nasal cavity, maxillary sinus, mandible alveolar, and maxillary alveolar; cervical vertebrae and hyoid bone, teeth with enamel, dentin and pulp cavity.
- ✓ Tongue, oral cavity, pharyngeal cavity and carotid arteries.



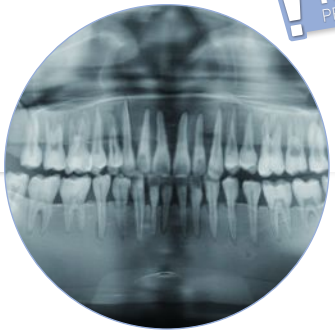
Head with closed mouth
Ref.no. R16525
Details:

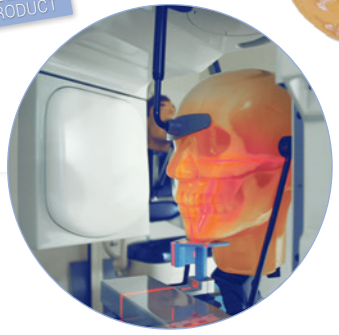
Head with open mouth
Ref.no. R16526
Details:



NEW PRODUCT









Thorax

Includes a thoracic skeleton with embedded heart and lungs to provide realistic imaging. The scapulae are rotated outside of the lung fields for proper PA chest imaging.

Transparent
Ref.no. R16702
Details:

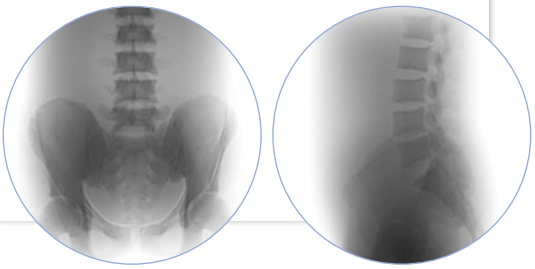
Opaque
Ref.no. R16703
Details:

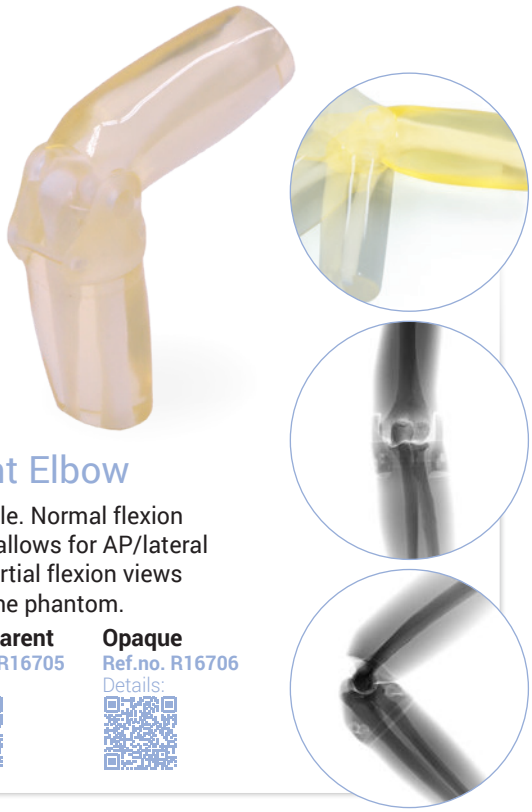


Pelvis

Includes lumbar / sacral spine, pelvic bony anatomy and proximal femurs.

Opaque
Ref.no. R16704
Details:





Right Elbow

Movable. Normal flexion range allows for AP/lateral and partial flexion views with one phantom.

Transparent
Ref.no. R16705
Details:

Opaque
Ref.no. R16706
Details:



Right Knee

Freely movable patella and joint allows for realistic positioning of the knee for AAP/lateral, oblique, sunrise and tunnel views.

Transparent
Ref.no. R16711
Details:

Opaque
Ref.no. R16712
Details:



Right foot

Normalposition.

Transparent
Ref.no. R16713
Details:

Opaque
Ref.no. R16714
Details:





Left Hand

Grasping position.

Transparent
Ref.no. R16709
Details:

Opaque
Ref.no. R16710
Details:



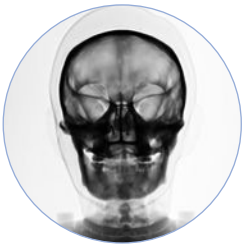


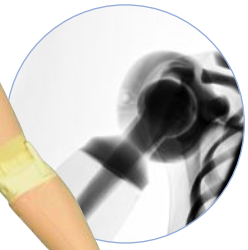
Left foot

Oblique position.

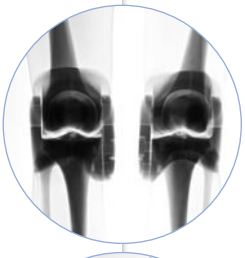
Transparent
Ref.no. R16715
Details:

Opaque
Ref.no. R16716
Details:









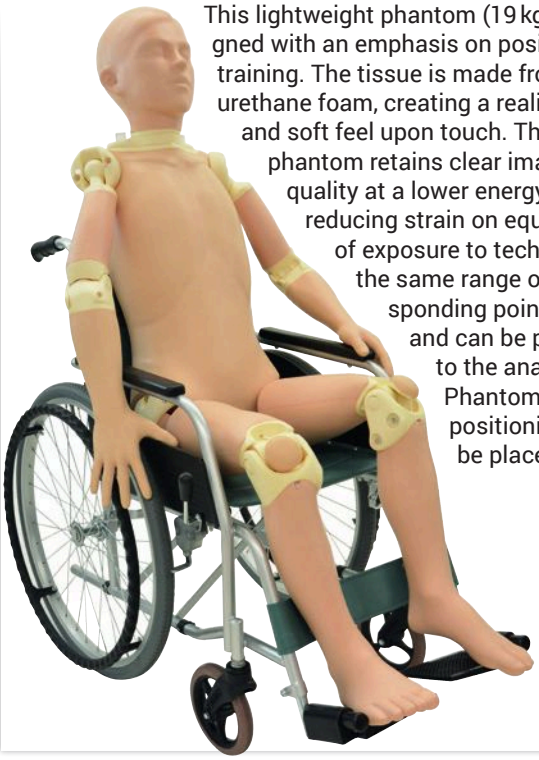




X-Ray Training Phantom

This lightweight phantom (19 kg) is designed with an emphasis on positioning training. The tissue is made from urethane foam, creating a realistic and soft feel upon touch. This phantom retains clear image quality at a lower energy level, reducing strain on equipment and potential of exposure to technician. Each joint has the same range of motion as it's corresponding point on the human body and can be positioned according to the anatomical location. The Phantom has landmarks for positioning training and can be placed in a wheelchair.

Ref.no. R16850
Details:















Modular full body x-ray phantom

The whole body phantom is a life-size, full body anthropomorphic phantom with a state-of-the-art synthetic skeleton, lungs, liver, mediastinum and kidneys embedded in soft tissue substitute. Movable joints allow basic positioning for plain X-ray and training/research applications can be enriched by disassembling the phantom into 10 individual parts (head, limbs and trunk). There are no metal parts or liquid structures.

Patient positioning:

- ✓ Right shoulder rotates sideways, abducting to a horizontal position.
- ✓ Left shoulder rotates forward, up to a horizontal position.
- ✓ Elbows bend inward to approx. 90 degrees.
- ✓ Hip joints rotate forward up to 90 degrees, then rotate outward up to 45 degrees, respectively.
- ✓ Knees bend to approx. 90 degrees.
- ✓ The phantom can be held in the supine frog leg position.
- ✓ The limbs and head are detachable at joints and neck for wider applications.
- ✓ The head supporter facilitates various head positions.

Anatomy:

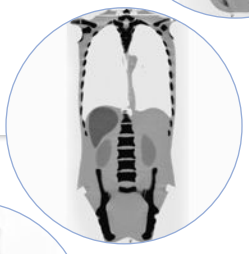
- ✓ Life size synthetic skeleton
- ✓ Hands and feet with bone trabeculae
- ✓ Lungs with pulmonary vessels
- ✓ Mediastinal space
- ✓ Liver
- ✓ Kidneys

Phantom materials:

- ✓ Radiology absorption and Hounsfield number approximate to human body.
- ✓ Phantom size: approx. 165 cm height Phantom weight: approx. 50 kg

Ref.no. R16900
Details:







Fractured hand with forearm for R16900

Hand with forearm showing bone fractures for radiography. Can be replaced against the original hand with forearm of R16900. Of course this phantom can also be used as stand-alone type too.

Ref.no. R16900-1
Details:

Pediatric whole body phantom

The new pediatric whole body phantom is molded after a 5-year-old child of 105 cm height. This phantom is a life-size, full body anthropomorphic phantom with a state-of-the-art synthetic skeleton, lungs, liver, mediastinum and kidneys embedded in soft tissue substitute.

Training skills:

- ✓ Plain X-ray photography and basic CT scanning.
- ✓ Basic patient positioning for X-ray and CT.

Features:

- ✓ Movable joints allow basic positioning for plain X-ray.
- ✓ Training and research applications can be enriched by disassembling the phantom into 10 individual parts (head, limbs and trunk).
- ✓ The phantom has no metal parts or liquid structures.
- ✓ Main joints have life-like articulation, allowing various positioning for training.
- ✓ Life size synthetic skeleton
- ✓ Hands and feet with bone trabeculae
- ✓ Lungs with pulmonary vessels
- ✓ Mediastinal space
- ✓ Liver
- ✓ Kidneys

Seperates into:

- ✓ head
- ✓ trunk
- ✓ right upper arm
- ✓ right forearm with hand
- ✓ left upper arm
- ✓ left forearm with hand
- ✓ right thigh
- ✓ right lower leg with foot
- ✓ left thigh
- ✓ left lower leg with foot

Ref.no. R16970
Details:





Peadiatric full body phantom

Full body phantom as R16970, but additionally with fractures that are typical for child abuse. All fractures are prepared on the left side and show for example a spiral fracture of the distal tibia or a forearm shaft fracture.

Ref.no. R16975
Details:



Body plates for adult X-Ray phantoms

Body Plates for R16900 or R16950 to simulate a person with a **BMI 30 or 40.**

BMI 30
Ref.no. R16900-2
Details:

BMI 40
Ref.no. R16900-3
Details:

Newborn Whole Body x-ray phantom

This Newborn whole body phantom is the world's first full body phantom for neonatal radiography with correct anatomical structure and movable limbs. Neonatal radiography is an important tool in NICU (Neonatal Intensive Care Unit). Patient positioning and immobilization are essential features. This phantom provides opportunities for hands-on training and experiments to minimize radiation exposure to newborn babies.

Features:
- ✓ Limbs rotate 360 degrees at shoulders and hip joints.
- ✓ Left hand is clenched and right hand is open.
- ✓ Life size whole body newborn baby.
- ✓ Original human tissue substitute.
- ✓ No metal parts or liquid structures.
- ✓ Meconium aspiration syndrome can be made per custom order.

Anatomy:
Skull, spine, ribs, pelvis, scapulae, clavicles, humeri, radius, ulnae, bones of hands, femora, fibulae, tibiae and bones of feet, lungs and mediastinum.

Training Skills
- ✓ Manual immobilization
- ✓ Immobilization with fixtures
- ✓ Autopsy imaging

Radiography
- ✓ Supine AP
- ✓ Upright lateral
- ✓ Supine lateral



Ref.no. R16980
Details:

Specifications:
Set Includes: 1 newborn whole body phantom, 1 storage case, 1 set of sample X-ray images, 1 instruction manual. Size: 42 cm (representing a baby of 50 cm height) weight: 2.8 kg.



Whole body CT phantom

A unique, life size whole body phantom for CT provides a variety of educational application as well as visual evaluation in finding out optimal scanning conditions. The phantom can also be used for plain X-ray, showing life-like images. No metal parts or liquid structure are used. Main joints have close-to human articulation, allowing various positioning for training. The phantom can be disassembled into 10 parts. Improved shoulder joint system enables the phantom to take arm-up position. Organs are anatomically correct and have appropriate HU numbers.



Patient positioning:

- ✓ Shoulders: rotate through a full 360 degrees in the sagittal plane, approx. 180 degrees to side-ways.
- ✓ Hip joints: rotate forward up to approx. 90 degrees, then abduct up to 45 degrees each.
- ✓ Knees: bend up to approx. 90 degrees.
- ✓ Elbows: bend up to approx. 90 degrees.
- ✓ The phantom can be held in the supine frog leg position.
- ✓ The limbs and head are detachable at joints and neck for wider applications.
- ✓ The head supporter facilitates various head positions.

Phantom materials:
Radiology absorption and Hounsfield number approximate to human body.

Internal Organs:

- ✓ Head and Trunk
- ✓ Synthetic skull
- ✓ Cervical vertebrae
- ✓ Brain
- ✓ Vertebrae
- ✓ Clavicles
- ✓ Ribs
- ✓ Sternum
- ✓ Scapula
- ✓ Coxal bones
- ✓ Femurs
- ✓ Lungs with pulmonary vessels
- ✓ Trachea
- ✓ Liver with portal and hepatic veins
- ✓ Pancreas
- ✓ Kidneys
- ✓ Gallbladder
- ✓ Spleen
- ✓ Aorta
- ✓ Vena Cava
- ✓ Ureter
- ✓ Urinary bladder
- ✓ Prostate
- ✓ Rectum
- ✓ Sigmoid Colon

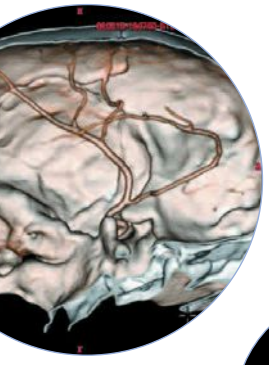
BEST SELLER

Ref.no. R16950
Details:

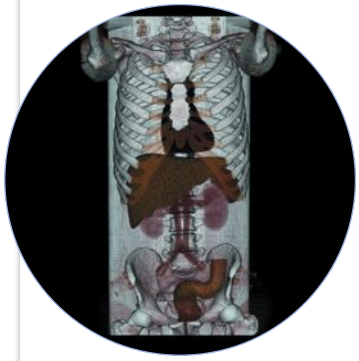














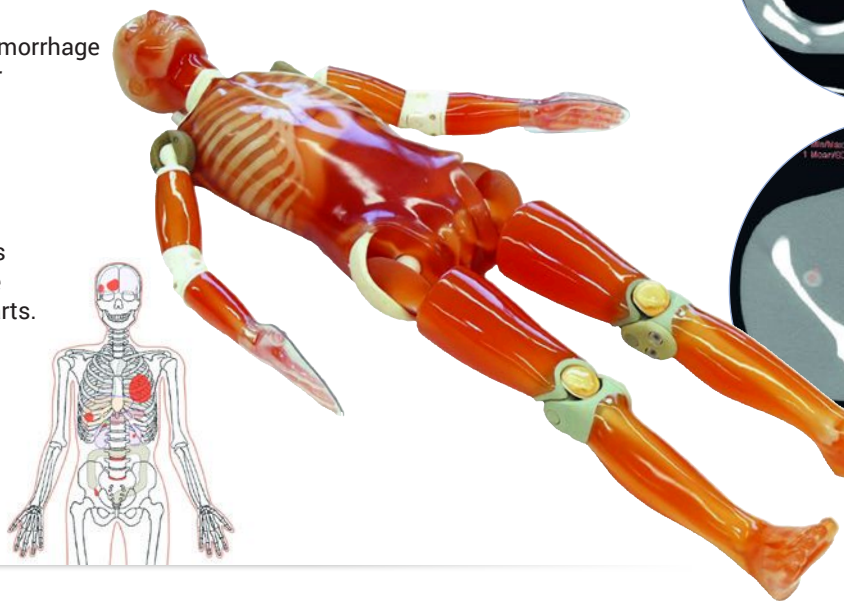
CT Whole Body Phantom with Pathologies

Combine theory with practice with pathological findings in this hands-on training phantom. Based on the CT Whole Body Phantom R16950 this phantom offers a variation of pathologies:

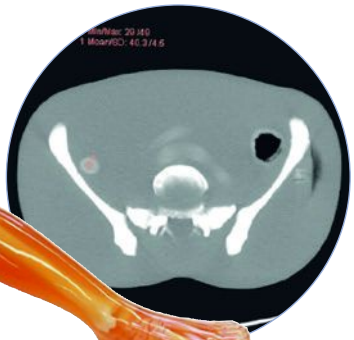
- ✓ Brain tumor
- ✓ Subarachnoid hemorrhage
- ✓ Pulmonary tumor
- ✓ Hepatic tumor
- ✓ Pancreatitis
- ✓ Gall stone
- ✓ Kidney stone
- ✓ Appendicitis
- ✓ Spondylolisthesis

The phantom can be separated into 10 parts.

Ref.no. R16955
Details:







CT Newborn Whole Body Phantom

A brand new neonate for CT training has come into the world. It can be used for CT and plain X-ray, Dosimetry, Autopsy imaging and positioning. It has the HU of an average newborn, a hole for an ion chamber, a clenched left hand an open right hand. The limbs rotate 360°. The anatomy includes skull, spine, clavicles, scapulae, ribs, humerus, radius, ulnae, hand bones, femora, tibiae, fibulae, foot bones, pelvis, lungs, mediastinum and colon. Size: 53 cm.

Ref.no. R16988
Details:





CT abdomen phantom

This unique anthropomorphic upper abdomen phantom allows obtaining CT images approximate to clinical data. The elaborate anatomy of organs allows a multi-dimensional approach. Liver, portal vein, bile duct, hepatic vein, hepatic artery, kidneys, pancreas spleen and IVC are embedded along with synthetic bones. Each individual organ has a particular Hounsfield number close to human organ. Embedded anatomical structures are Lungs (no internal structure), Heart (no internal structure), liver, portal vein, bile duct, hepatic vein, hepatic artery, kidneys, pancreas, spleen, IVC, spinal column, ribs. Vessels and organs with a contrast agent can be included as a special order.

Ref.no. R16513
Details:



CT torso phantom

A one-piece anthropomorphic torso phantom with anatomical structures allows various CT approaches including helical scanning. Along with state-of-the-art synthetic bones, brain with cerebral ventricles, eye balls, lungs with three dimensional pulmonary vessels, trachea, liver with portal and hepatic veins, kidneys, gallbladder, pancreas, spleen, aorta, cava, ureter, urinary bladder, prostate, rectum, sigmoid colon are embedded. Each individual organ has particular Hounsfield number which corresponds that of human body. The original phantom material with radiation absorption approximate to human tissue allows scanning under actual clinical setting.

Ref.no. R16512
Details:



Chest phantom for X-ray and CT

This multipurpose training model can be used for training in x-ray and Computer tomography. It is suitable for training of making radiographs as well as for image interpretation training. Additionally it can be used for assessment of x-ray and CT systems. All model structures are made of materials that have x-ray absorption rates close to human tissue. The model can be opened and artificial tumors can be inserted into the lung. 15 different tumors are supplied with the model.

Ref.no. R16511
Details:

BEST SELLER



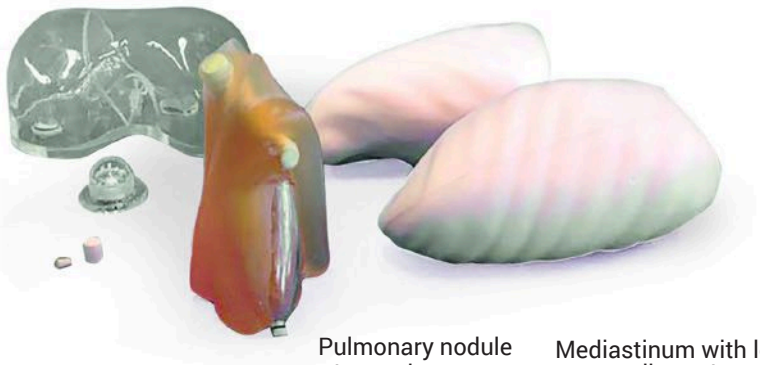
Chest plates for R16511

For simulation of an over weighted patient.

Ref.no. R16510-1
Details:

Components for Radioisotope

The set of RI container inserts can be set in the chest phantom in place of the standard inserts allowing wider research applications including PET/CT fusion evaluation.



Lungs of urethane
Ref.no. R16511-1
Details:

Liver RI container
Ref.no. R16511-2
Details:

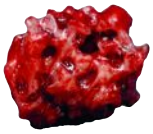
Gallbladder RI container
Ref.no. R16511-3
Details:

Pulmonary nodule RI container
Ref.no. R16511-4
Details:

Mediastinum with left myocardium RI container
Ref.no. R16511-5
Details:

Subsolid Nodules Simulation Set

The Subsolid Nodules Simulation Set is a set of simulated nodules designed for study and training in Ground-Glass Opacity (GGO) detection and interpretation. Both mixed and pure GGO are provided in a variety of sizes and HU numbers. The set also includes 3D GGO modelled on clinical CT data. The simulated nodules can be attached to the pulmonary vessels on the chest phantom R16511.



3D GGO
Ref.no. R16511-10
Details:



No. 1-7, Concentric
Ref.no. R16511-6
Details:



No. 11-12, Eccentric
Ref.no. R16511-8
Details:



No. 8-10, Eccentric
Ref.no. R16511-7
Details:



No. A - h, Pure GGO
Ref.no. R16511-9
Details:

Pediatric chest phantom

Imaging and dosimetry for radiosensitive 5-year-old. Chest X-ray is one of the most common examinations in pediatric radiography. This Pediatric Chest Phantom is designed to find out optimal parameter and protocols to minimize radiation exposure to children. The phantom has two kinds of interchangeable lung inserts. The lung vascular insert can be used to study image quality in relation to CT / X-ray protocols. The lung density insert allows users to evaluate dosage distribution in the lung field.



Ref.no. R16515
Details:

Features:

- ✓ Two types of interchangeable lung inserts are available. lung vascular insert and lung density insert.
- ✓ Pencil-shaped ion chamber for CTDI can be set in the mediastinum.
- ✓ TLD or RPL dosimeters can be set in the thyroid block and the Lung density insert.
- ✓ Lung vascular inserts with pulmonary vessels provide life-like radiographs.
- ✓ Detachable internal structure allows insertion of variety of pathologies and targets.
- ✓ Simulates a life-size chest of 5- year-old.



Anatomy:
Rib, clavicle, spine, mediastinum, scapula, sternum and pulmonary vessel (lung vascular insert only)

Applications:

- ✓ Pediatric Chest X-ray
- ✓ Pediatric Chest CT
- ✓ Dosimetry

Das Set beinhaltet:

- ✓ 1 five-year-old chest torso
- ✓ main body: synthetic bones are embedded
- ✓ thyroid block
- ✓ diaphragm block
- ✓ 1 lung density insert: mediastinum, lung fields (L+R)
- ✓ 1 set of sample images
- ✓ 1 instruction manual
- ✓ Size: 32 x 17 x 38 cm, weight: 6 kg

Lung cancer screening model



This Phantom is a CT phantom developed to facilitate optimizing the radiation dose and other scanning conditions for lung cancer screening CT examination with Helical CT or MDCT, which is aiming at early detection of lung cancers. As the screening is usually done on healthy people, the necessity of minimizing the exposure while maximizing the image quality is considered to be particularly high. The phantom is designed to set conditions for detection of small early lung cancers such as GGA, which are difficult to be found by plain X-ray. Anthropologic structure of the phantom provides life-like images allowing operators visual evaluation, while quantitative evaluation on radiation dose and density curve of the image can be done stimulatory with a single scanning.

The model consists of a life size torso with arm up position and has the following internal structures:

- ✓ Bones
- ✓ Simulated tumors on sections of three lung area:
- ✓ Apical portion of the lungs
- ✓ Bifurcation of the trachea
- ✓ Base of lungs
- ✓ Dose meter hole (13 mm dia., on the central axis of the phantom)
- ✓ 1 8-step linearity phantom
- ✓ 8 steps of 30mm dia. density samples are embedded

Ref.no. R16532
Details:



PET / SPECT Thorax Phantom

The PET/SPECT Thorax Phantom is an optimal tool for study in nuclear medicine. It allows examination of myocardial density through SPECT imaging:

- ✓ Verification of myocardial imaging with the use of various RI solution densities
- ✓ Ability to capture defects of the myocardial region
- ✓ Can reproduce image variations of the heart by injecting RI solutions in the liver, kidney and lungs.

It also can be used for examination of RI solution density for simulated tumors

- ✓ The simulated tumors can be inserted into lung, liver and breast
- ✓ Tumors can be filled with FDG/RI solution into the spheres for evaluation of density, size and placement

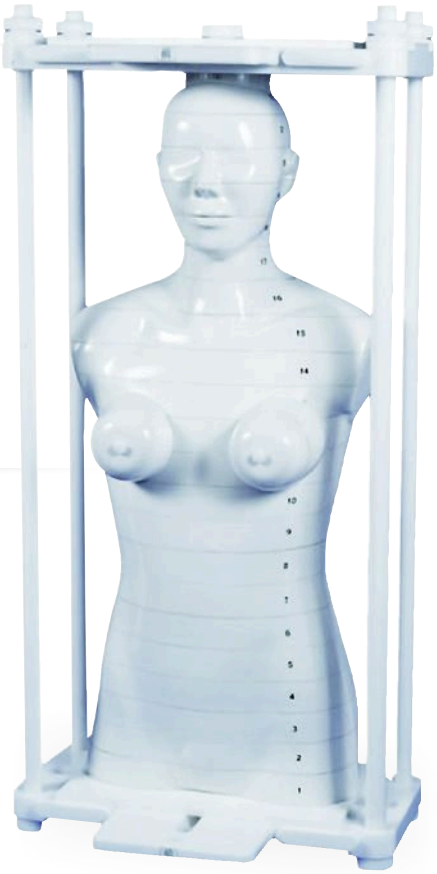
Ref.no. R16535
Details:



Radiation therapy phantom

This phantom is developed for the treatment planning and machine adjustment in the radiation therapy. The body consists of 3 cm slices with a 3 x 3 cm hole matrix for inserting glass dosimeters. The model material has a natural radioparency allowing the correct adjustment of the machines. This makes it ideal for planning and machine adjustment. The phantom has a holding and fixation frame which allows to position the phantom exactly.

Ref.no. R16531
Details:



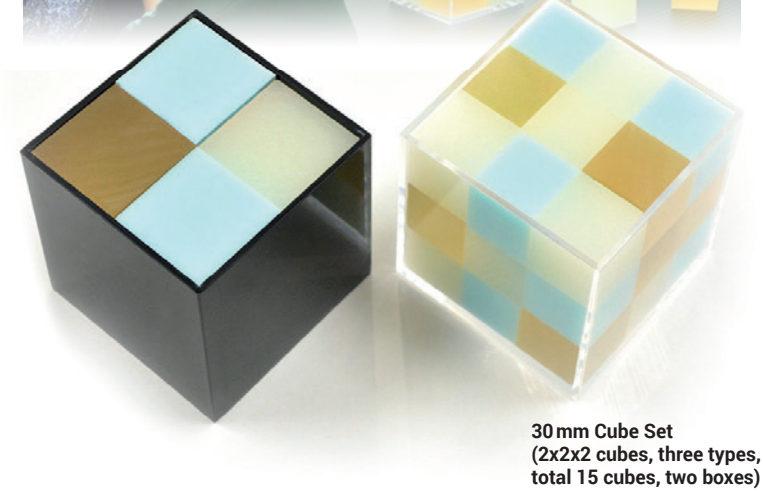


Radiation therapy phantom child

This child phantom has different lifelike densities for tissue, bones and lungs. It is cut into slices and has holes for dosimeters. The size is 60cm. Delivery with holding and fixation frame.

Ref.no. R16533
Details:





XCUBEFAN Radiology Cube Phantom

Designed for beginners to provide better understanding of the special characteristics seen in radiology imaging. The XCUBEFAN is a compact yet practical tool to educate learners on usage of x-ray equipment and its impact on the interpretation of diagnostics images. Learners can experience a large range of practice by stacking and repositioning different blocks with varied radiodensities. The black box is designed for practice, whilst the clear box facilitates visual explanation for instructors. There are three types of cubes, orange with CT value appr. 0 and density 1,06, yellow with CT value appr. 1000 and density 1,21 and blue with CT value appr. 500 and density 1,4.

30 mm Cube Set
(2x2x2 cubes, three types, total 15 cubes, two boxes)

Ref.no. R16945
Details:

20 mm Cube Set
(3x3x3 cubes, three types, total 30 cubes, two boxes)

Ref.no. R16946
Details:

Angiographic head model

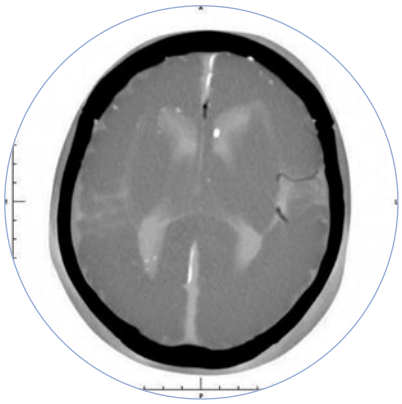
This model consists of a synthetic human skull which is embedded in a plastic head. In the left half of the skull the anterior and middle cerebral artery are represented and filled with contrast medium. The diameter of the arteries range from 0.5 mm to 4 mm.

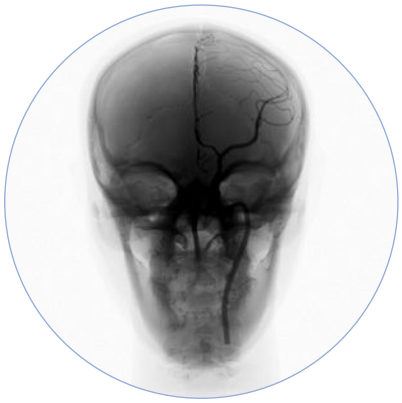
BEST SELLER

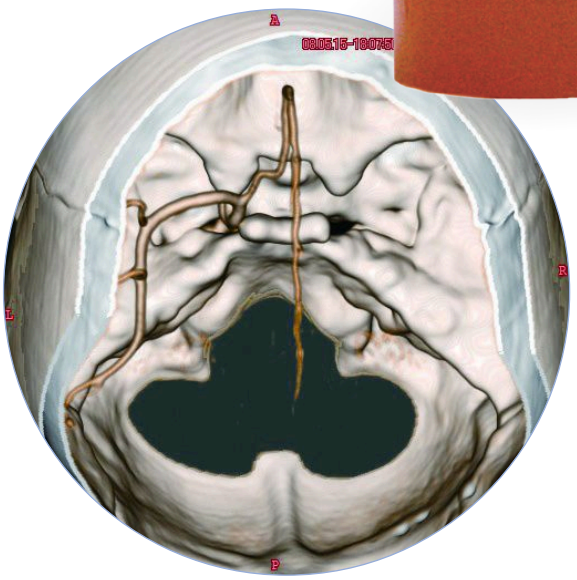
Ref.no. R16520

Details:

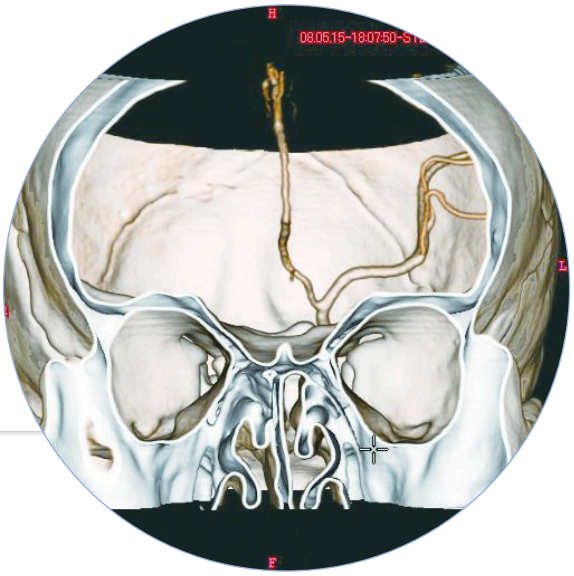


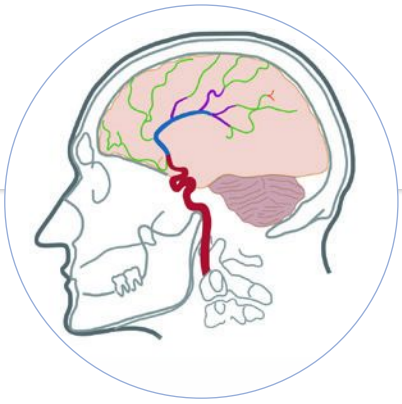
















CT prostate phantom

Resourceful model for therapy planning for prostate cancer.

Anatomy: Organs: prostate, urinal bladder with simulated internal fluid, seminal vesicles and rectum. Bones: L4, L5, pelvis and femurs (partial).
Specifications: Set Includes:
1 prostate phantom Size: 35 cm.

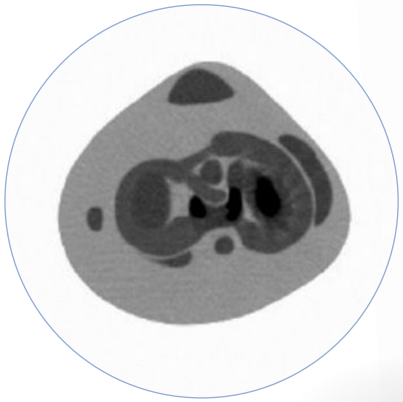
Ref.no. R16592
Details:

CT Knee Ligament Phantom

Detailed Knee anatomy with HU of each bone, cartilage and ligament. This anthropomorphic knee phantom allows the visualization of ligaments and cartilage. Close-to-human radiation absorption and HU for each anatomical structure as well as realistic artifacts. It shows femur, tibia, fibula, articular cartilage of patella, meniscus, cruciate ligament, medial collateral ligament, fibular collateral ligament and articular cartilage. Can be used for CT and plain X-ray.

Ref.no. R16593
Details:







ERLER-ZIMMER NATURE LINE CT PHANTOMS

NEW PRODUCT

EXCLUSIVELY at Erler-Zimmer

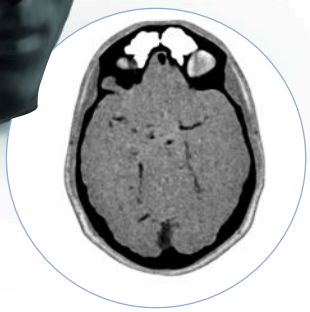
Are created from real human patient data and are manufactured with latest technology. Bone and soft tissues are accurately represented with realistic Hounsfield units for all tissues at 120 kVp tube voltage CT imaging. If the phantom is primarily required for CT imaging at different tube voltages (e.g., 100 kVp), the calibration of Hounsfield units can be adapted accordingly upon request. The phantom also yields realistic tissue contrast in X-ray imaging. Air voids are filled with a cellulose-polymer composite of approximately -80 Hounsfield units.

Custom made orders possible

Head CTA-Phantom



The phantom provides a highly realistic simulation of a head and neck CT angiography (with arterial contrast medium enhancement) of a patient with an arteriovenous malformation on the right side. The phantom comes at the original patient size and includes the cervical spine until the baseplate of the fifth cervical vertebra.



Ref.no. NLP1000
Details:

Hand-Phantom



The hand phantom provides an extremely realistic simulation of a hand. Pathologies (e.g. fractures, calcifications, bones and soft tissue tumors) can be integrated on request.



Ref.no. NLP1300
Details:

Abdomen-Phantom

The phantom provides a highly realistic simulation of a contrast medium enhanced abdomen (late arterial phase) of a patient. The phantom covers the abdomen from the tenth thoracic to the fourth lumbar vertebra. The liver and both kidneys are fully included.

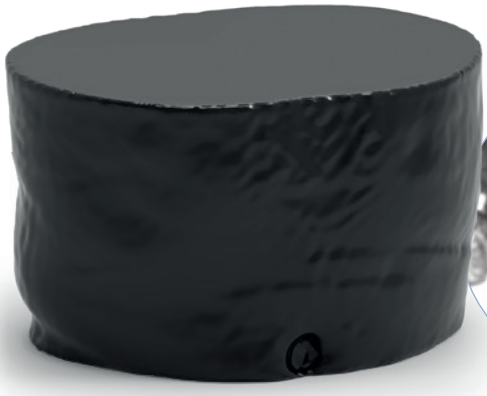


Ref.no. NLP1100
Details:



Child Abdomen Phantom with a Vertebral Fracture

The phantom provides a highly realistic simulation of a contrast medium enhanced abdomen (portal venous phase) of a child with a vertebra plana (first lumbar vertebra). The phantom covers the abdomen from the tenth thoracic to the baseplate of the fourth lumbar vertebra. The liver and both kidneys are fully included.



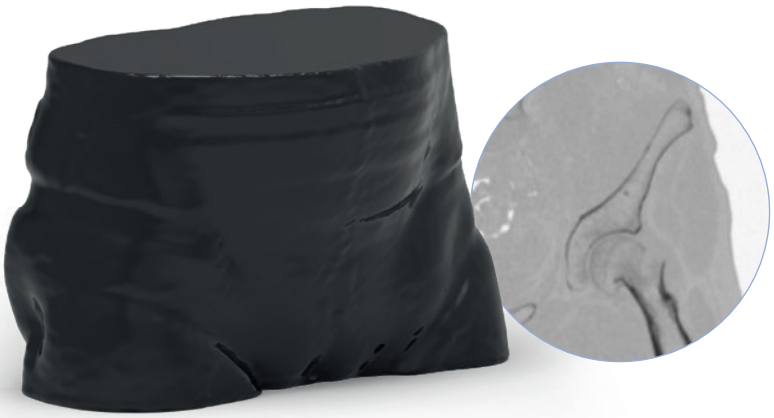
Ref.no. NLP1110
Details:



Pelvis Phantom with Femoral Neck Fracture

The phantom provides a realistic simulation of a male pelvis without contrast medium enhancement and with a slightly dislocated femoral neck fracture on the left side. The phantom includes the entire pelvis and the fifth lumbar vertebra.

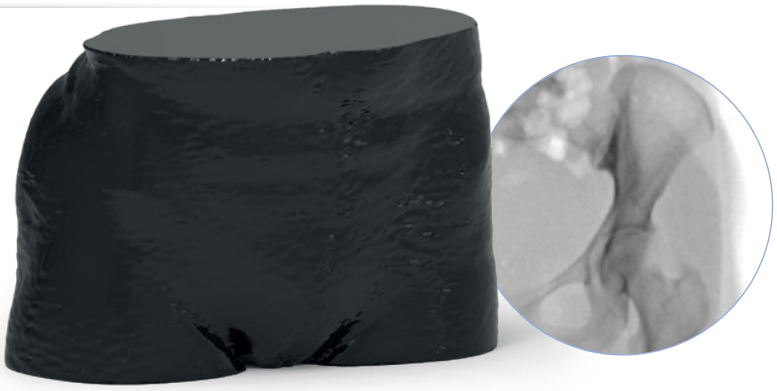
Ref.no. NLP1200
Details:



Pelvis Phantom with Coxarthrosis

The phantom provides a realistic simulation of a female pelvis without contrast medium enhancement and with advanced hip osteoarthritis on the right side. The phantom includes the entire pelvis and the fifth lumbar vertebra.

Ref.no. NLP1210
Details:



Foot-Phantom

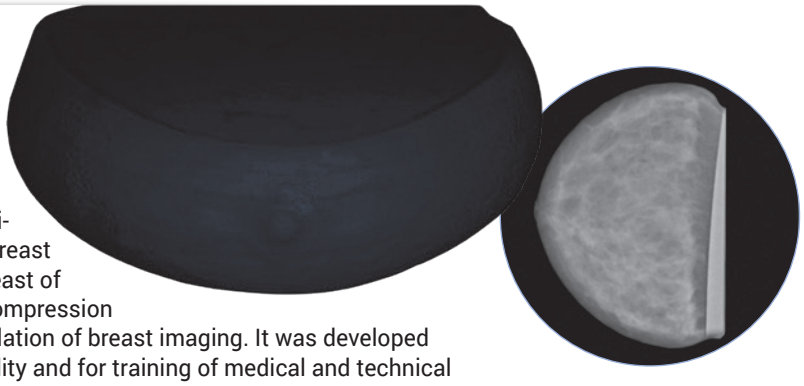
The foot phantom provides an extremely realistic simulation of a foot. Pathologies (e.g. fractures, calcifications, bones and soft tissue tumors) can be integrated on request.

Ref.no. NLP1310
Details:

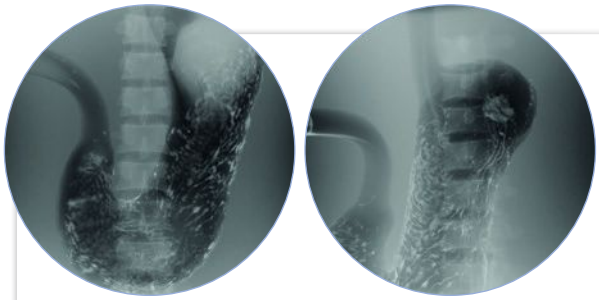


Breast Phantom for Mammography and Breast Tomosynthesis

Breast phantom with adipose and glandular tissue. This breast phantom was designed to simulate breast imaging in mammography and breast tomosynthesis. It represents a compressed breast of 4 cm thickness that can be placed under the compression paddle. This phantom provides a realistic simulation of breast imaging. It was developed for testing and optimizing dose and image quality and for training of medical and technical staff. The phantom is manufactured from virtual data containing adipose and glandular tissue. The models are handmade unique piece, which can differ slightly in size and design. The phantom can be provided as one-piece anthropomorphic phantom or in a sectional design. Dosimeter openings and pathologic features can be included upon request.



Ref.no. NLP1400
Details:





Stomach Phantom

Stomach phantom for double contrast gastrography. This life-size distended stomach with pathologies is modelled from real specimens. Barium can be filled into the stomach for imaging. Pathologies include early cancer and gastric ulcer.

Ref.no. R16901
Details:



Rotational Stomach Phantom

Rotational Stomach Phantom to simulate double contrast gastrography. It includes a rotation system to simulate the movement of the patient as well as a distended stomach with pathologies that has been modelled after real specimen. Barium can be filled into the stomach for imaging. Pathologies include early cancer and gastric ulcer.

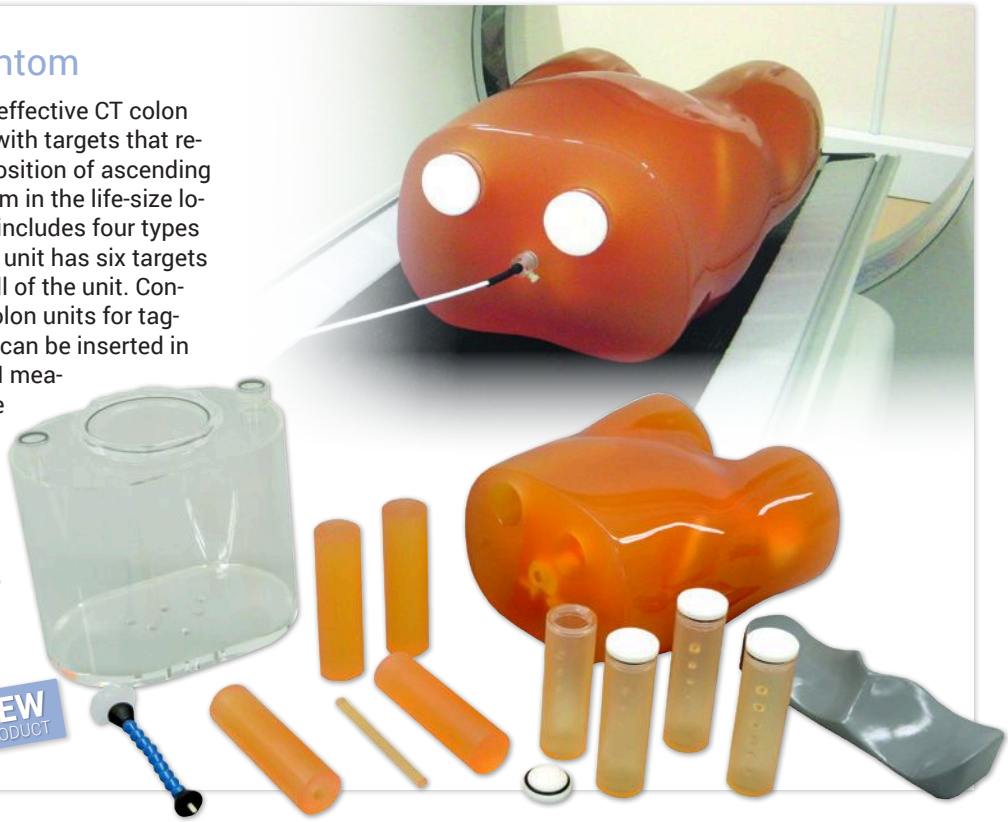
Ref.no. R16902
Details:

CT Colonography Phantom

Innovative study tool for safe and effective CT colon screening. Cylindrical colon units with targets that represent polyps can be set at the position of ascending colon, descending colon and rectum in the life-size lower torso phantom. The phantom includes four types of colon units for evaluation. Each unit has six targets lining in sequence on the inner wall of the unit. Contrast agent can be filled into the colon units for tagging. Pencil shaped ion chambers can be inserted in the center of the phantom for CTDI measurement. The phantom is suitable for virtual colonography, visualization and detection of targets, study on optimal dose for low dose CT colonography, evaluation of accuracy of measurement (size, volume) and for studying the optimal density of contrast media.

Ref.no. R16903
Details:

NEW PRODUCT



Multi-Energy Ct Quality Assurance Phantom

Water Equivalent Material, various inserts and empty container enable to verify the appropriate Multi-Energy CT settings. Empty containers allow the insertion of various test items in Multi Energy CT. Save time and efforts to create custom-made water phantoms. Available in two different body sizes.

This phantom can be used for ME-CT image analysis protocol, metal artifact reduction and reduction of contrast media. With this phantom the following parameters can be evaluated: uniformity, signal-to-noise ratio (SNR), Image contrast and CT dose index (CTDI).

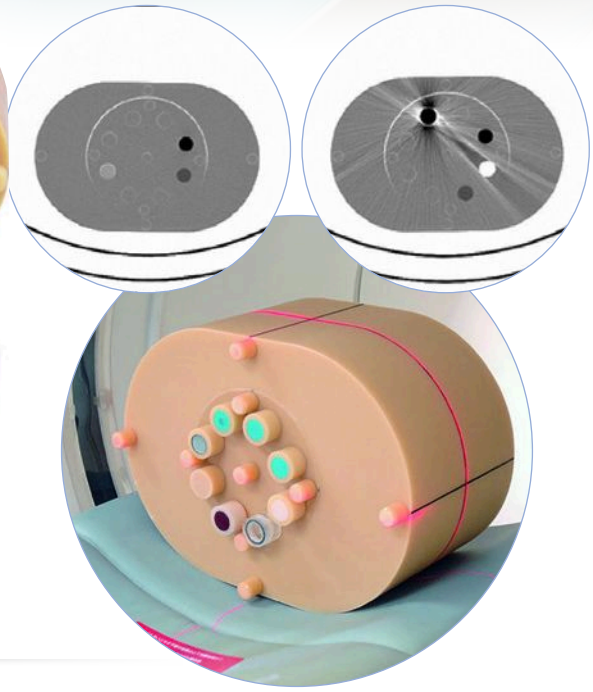




NEW PRODUCT

Larger body size
(363 x 262 x 180 mm)
Ref.no. R16904
Details:

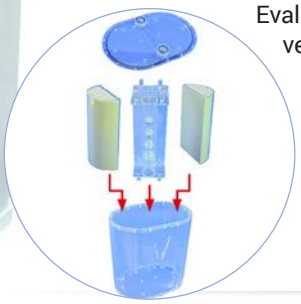
Smaller body size
(300 x 200 x 180 mm)
Ref.no. R16905
Details:



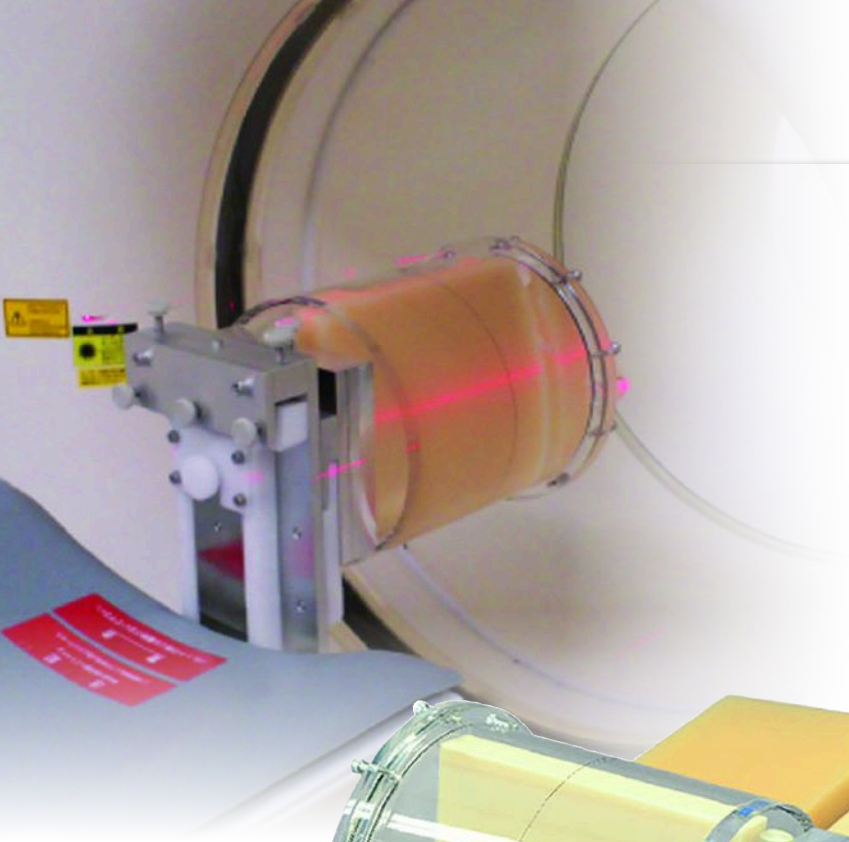


Bone Scintigraphy Quality Assurance Phantom

An innovative QA phantom for Bone Scintigraphy, Bone SPECT/CT and NaF-PET. The phantom can represent either thoracic or lumbar region by changing the filling of side cavities. Visual evaluation includes tumor detectability, image distortion and artifact. Quantitative Evaluation such as Contrast and count ratio between vertebral body and tumor concentration linearity and recovery coefficient in the tumor, statistical noise, FWHM at the spinous process (relative index of resolution). Additionally verification of scattering correction and attenuation correction is possible.

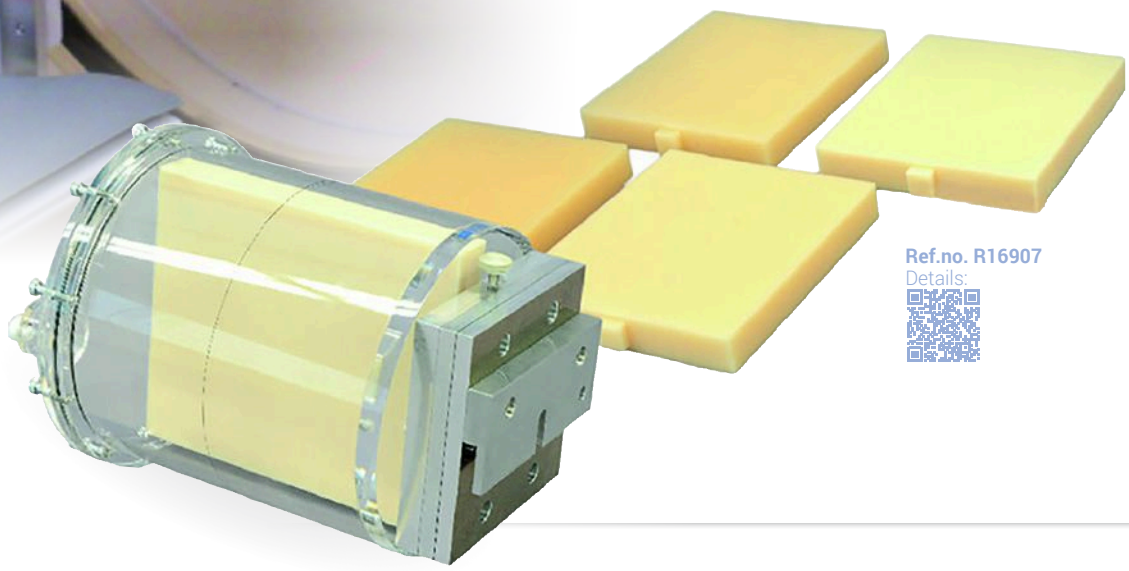


Ref.no. R16906
Details:



CT ERF Phantom HIT

A phantom designed for physical evaluation of iteratively reconstructed images under low CNR. The phantom is designed to physically and quantitatively evaluate iteratively reconstructed images in the low CNR area, such as the abdomen, where MTF of PSF is less useful comparing to high CNR area. The phantom requires edge spread function (ESF) to calculate MTF of the low CNR images, which facilitate assessing performance properties of iteratively reconstructed images under low CNR.

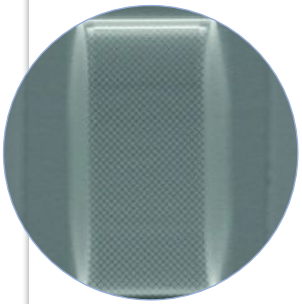


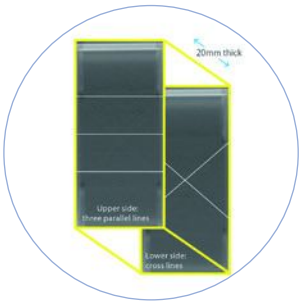
Ref.no. R16907
Details:

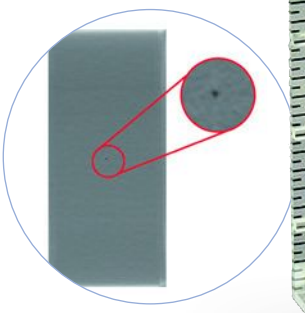
Tomosynthesis Phantom NS

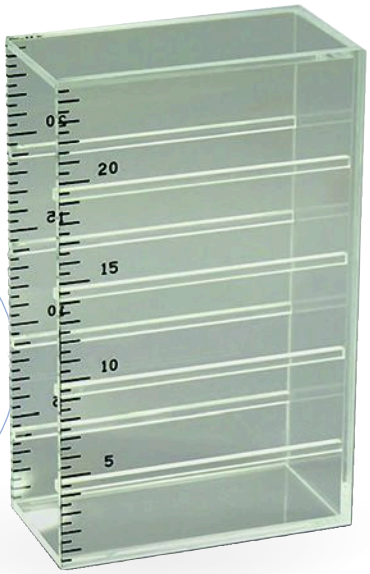
Allowing evaluation of reconstruction slices and uniformity in the measurement of slice thickness through showing the images numerically and graphically. It comes with three units, one for verification of reconstruction interval, one for slice thickness and one for uniformity.

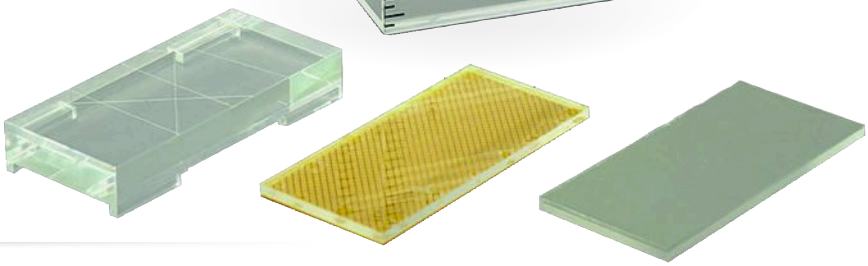
Ref.no. R16908
Details:

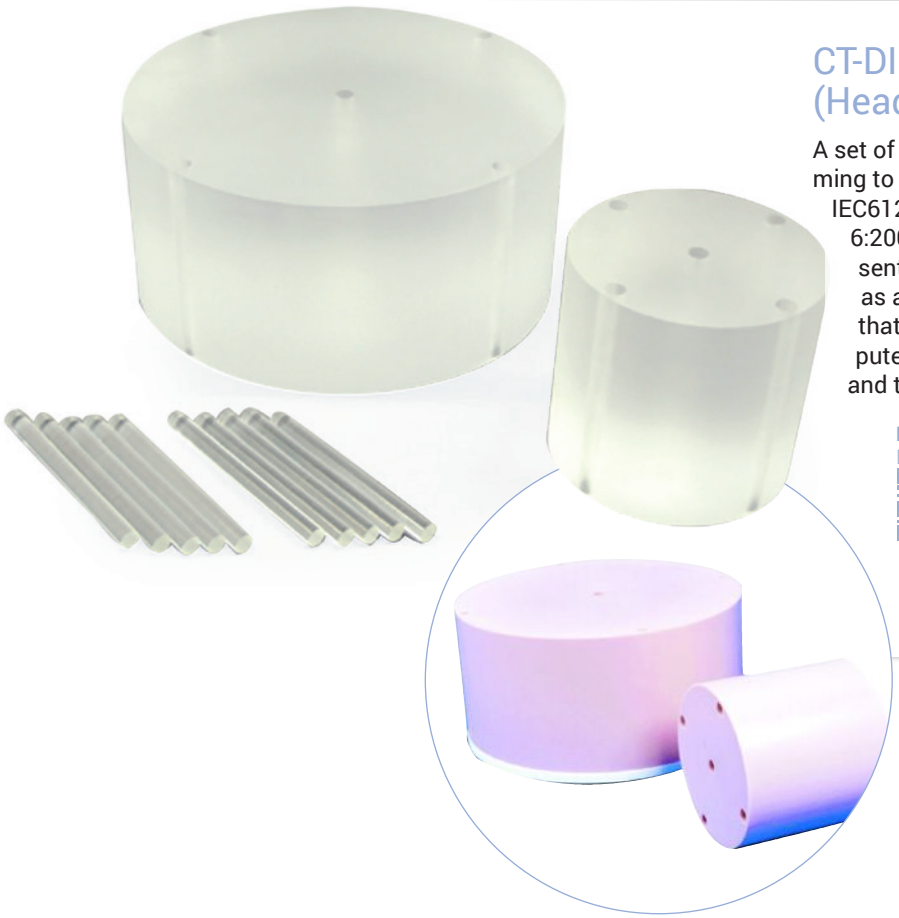








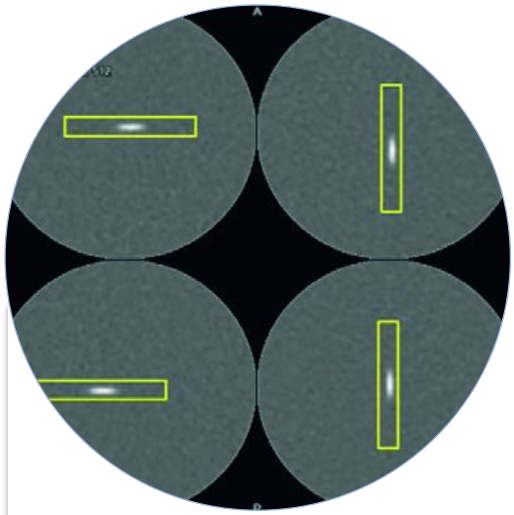


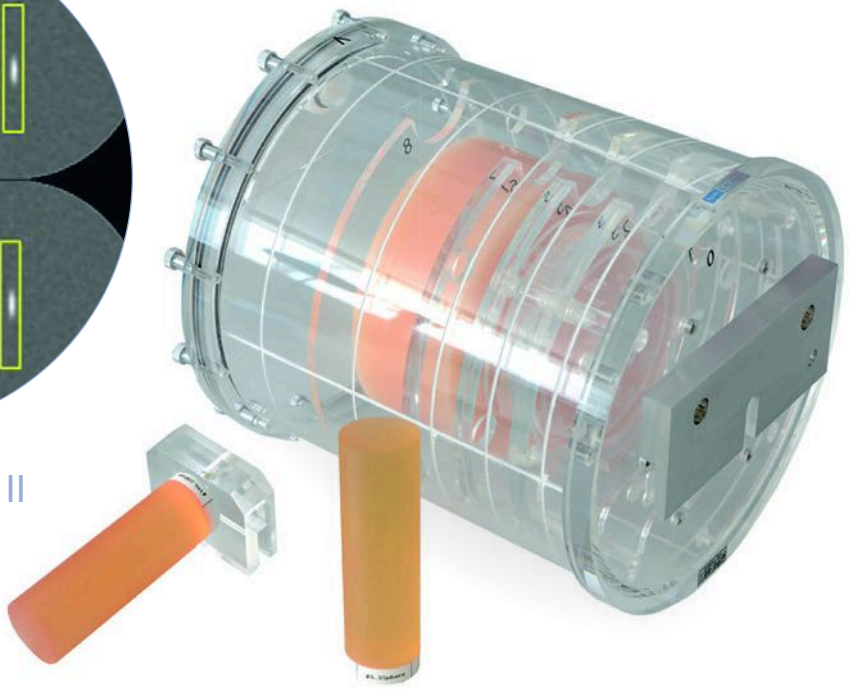


CT-DI Phantom (Head and Body Phantom)

A set of phantoms for CTDI-100, conforming to requirements in 21CFR1020.33, IEC61223-3-5:2004, and IEC61223-2-6:2006 as consistency test. Represents an adult head and body as well as a paediatric body. The parameters that can be evaluated are the computed tomography dose Index (CTDI) and the dose profile.

Ref.no. R16910
Details:





CT QA Phantom JCT II

Improved CT QA phantom for initial test at the time of first commissioning, as well as for follow-up periodical quality check of CT scanners. The phantom can be used for QA tests according to JIS Z 4752-3-5:2008 (IEC61223-3-5) and Z 4752-2-6:2012 (IEC61223-2-6:2006). It offers the following evaluation parameters: Slice thickness, spatial resoluition, low contrast resolution, noise, mean.

Ref.no. R16911
Details:

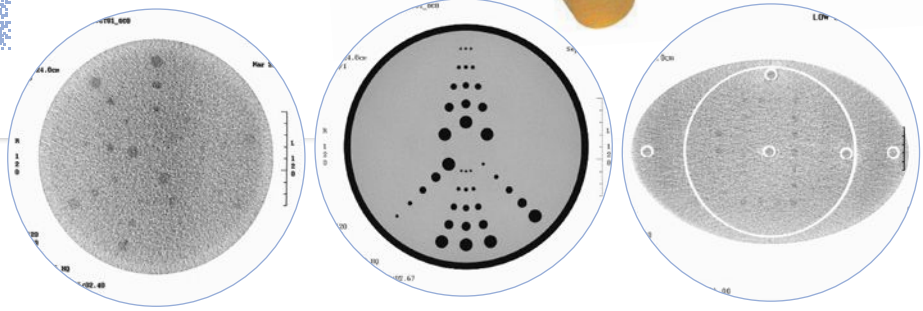
Multi Slice CT Phantom MHT

This phantom can be used for features of CT evaluation such as high and low contrast resolution, feed direction and CTDI. The non-aqueous/easy setup allows a liquid-free evaluation session. This phantom is designed to allow evaluation in volume scanning . The evaluation parameters are: CTDI, contrast resolution, sensitivity profile, CNR, effective slice thickness and SSPz.

Ref.no. R16912

Details:







Ladder Phantom

Evaluation of spatial resolution if simulated contrast enhanced vessels in CT. In each of the 5mm thick plates of this phantom there are 5 slits of 5mm length to represent vessels. Nine variations of vessel width are included and can be used in the phantom. The phantom can be used for evaluation of spatial resolution of simulated contrast enhanced vessels in CT.

Ref.no. R16914

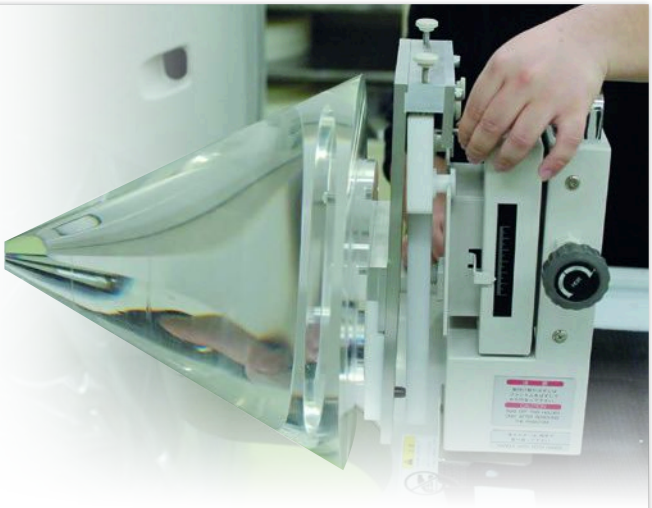
Details:



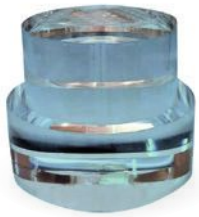
CT-AEC Phantoms

Four types of phantoms designed for evaluation of CT-AEC performance.

- ✓ The image quality can be evaluated by noise and standard deviation on the phantom section images.
- ✓ Cone Phantom: evaluates performance of AEC for different patient sizes and gradual size changes in size along the axis
- ✓ Elliptical Cone Phantom: in combination with the Cone phantom facilitates evaluation of XY AEC
- ✓ Variable-XY Phantom: evaluates performance of XY AEC as cross section changes from circular to elliptical
- ✓ Stepped Phantom: evaluates the performance of the AEC to sudden changes in patient's cross section



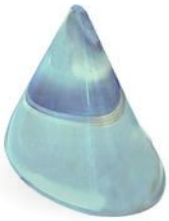
The four phantoms can also be ordered individually:



Stepped Phantom
Ref.no. R16915-4
Details:



Variable-XY Phantom
Ref.no. R16915-3
Details:



Elliptical Cone Phantom
Ref.no. R16915-2
Details:



Cone Phantom
Ref.no. R16915-1
Details:

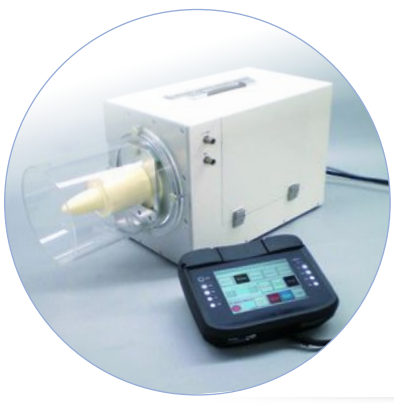
Complete Set
Ref.no. R16915
Details:

Dynamic Cardiac CT Phantom MD-CT

For evaluation and research in ECG gating cardiac and thoracic CT. The heart model is made of human tissue substitute. Simulated coronary arteries including stenosis can be attached to the wall of the phantom heart. The phantom generates pulses that are synchronized with the cardiac movement for ECG gating. The controllable parameters include the pulse rate, ejection volume and ejection fraction. The phantom is controlled by a touch panel.



Ref.no. R16916
Details:







Dynamic Thorax Phantom

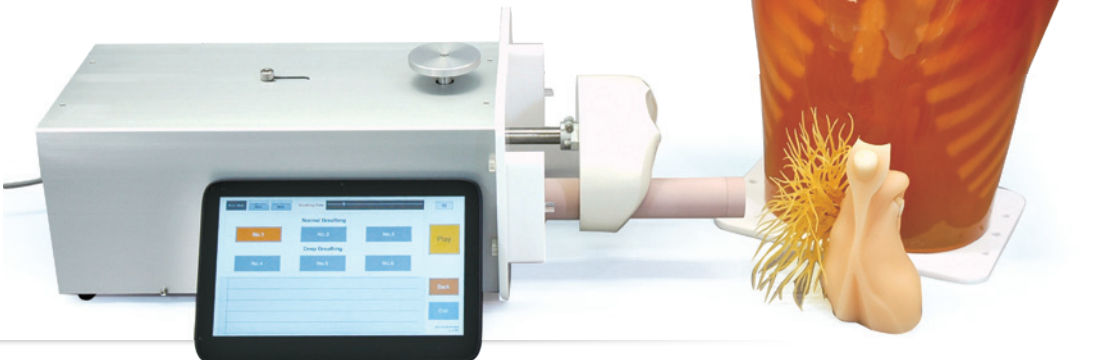
Anthropomorphic chest phantom for respiratory gating. This phantom can also be used for dosimetry and radiation therapy. Thermoluminescent dosemeters can be inserted in nodules position for radiation therapy. Simulated nodules can also be inserted. Six preset respiratory patterns are included, respiratory patterns can be modified and saved. Up to three respiratory patterns can be run in sequence. The controllable parameters are:

- ✓ Respiratory Rate (6-24 cylces/min.)
- ✓ Movement of diaphragm (0-38mm)
- ✓ Linear movement of nodule unit (38-64mm)
- ✓ Rotation of nodule unit (50-70 degrees)

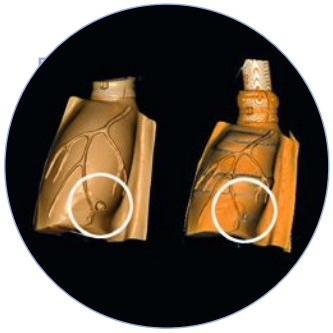




Ref.no. R16917
Details:





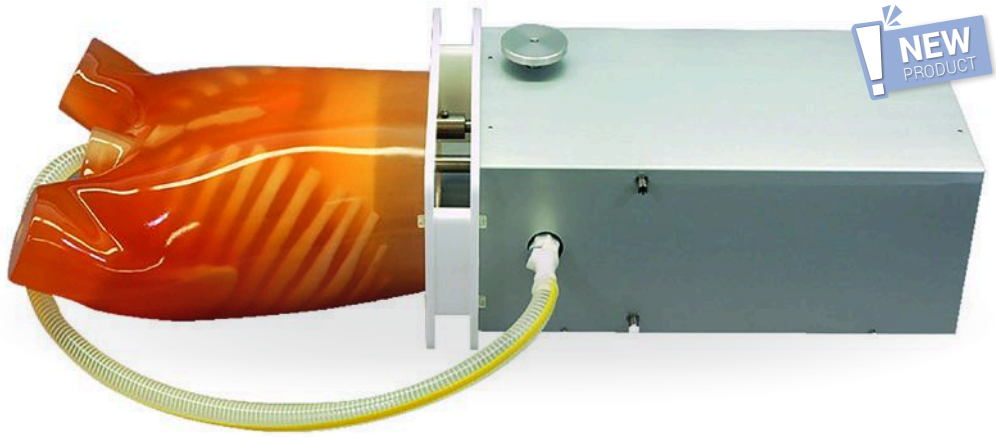




Dynamic Heart and Lung Phantom

This phantom represents movement of the heart, lungs and pulmonary nodule. The pulmonary nodule and the diaphragm move independently with the respiratory cycle. A three dimensional movement of the pulmonary nodule (linearly and rotationally) can be simulated. The respiratory movement of the abdomen is simulated as well as systolic and diastolic movement of the heart. Coronary arteries including stenotic examples are shown. The phantom can be connected to an ECG for ECG gating. The phantom can be used for respiratory gated chest CT, tumor tracking in radiotherapy and ECG gated cardiac CT.

Ref.no. R16918
Details:





Digital Mammographic Phantom NCCE (fall)

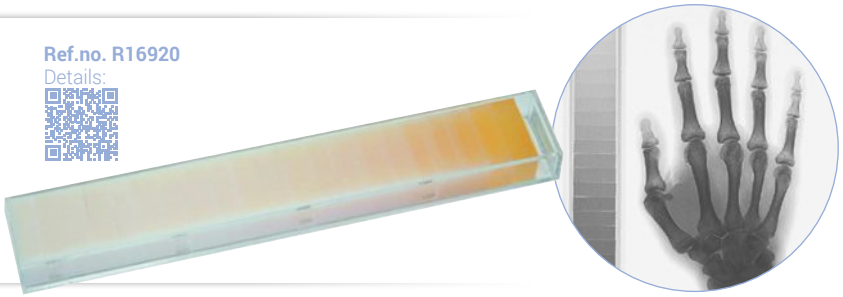
Ref.no. R16919
Details:

This phantom is designed to evaluate CT-AEC performance. Image quality can be evaluated by noise and standard deviation on the phantom section images. The outer shape of the phantom simulates a compressed breast with D cup size. Targets include simulated microcalcifications, nylon fibrils, acrylic disks, an aluminium ring, Teflon disks, a Teflon ruler (slope) and a resolution test chart with 21 steps with different hydroxyapatite content. Steps range from 0 to 400 mg/cm , with 20mg/cm difference each.

BMD Chart Phantom UHA

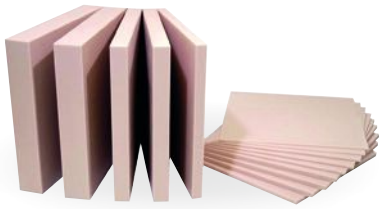
Bone Mineral Density chart for microdensitometry (MD). 21 steps with different hydroxyapatite content.
The steps range from 0 to 400 mg/cm, with 20 mg/cm difference each.

Ref.no. R16920
Details:



Tough Water Phantom

Human tissue substitute phantoms with water equivalent physical properties.



Ref.no. R16921
Details:

300 x 300 x 2 mm Ref.no. R16921A	400 x 400 x 2 mm Ref.no. R16921K
300 x 300 x 3 mm Ref.no. R16921B	400 x 400 x 3 mm Ref.no. R16921L
300 x 300 x 5 mm Ref.no. R16921C	400 x 400 x 5 mm Ref.no. R16921M
300 x 300 x 10 mm Ref.no. R16921D	400 x 400 x 10 mm Ref.no. R16921N
300 x 300 x 15 mm Ref.no. R16921E	400 x 400 x 15 mm Ref.no. R16921O
300 x 300 x 20 mm Ref.no. R16921F	400 x 400 x 20 mm Ref.no. R16921P
300 x 300 x 25 mm Ref.no. R16921G	400 x 400 x 25 mm Ref.no. R16921Q
300 x 300 x 30 mm Ref.no. R16921H	400 x 400 x 30 mm Ref.no. R16921R
300 x 300 x 40 mm Ref.no. R16921I	400 x 400 x 40 mm Ref.no. R16921S
300 x 300 x 50 mm Ref.no. R16921J	400 x 400 x 50 mm Ref.no. R16921T

Tough Bone Phantom

Human bone substitute phantoms to simulate body structure in combination with R16921 and R16923.



Ref.no. R16922
Details:

Compact bone

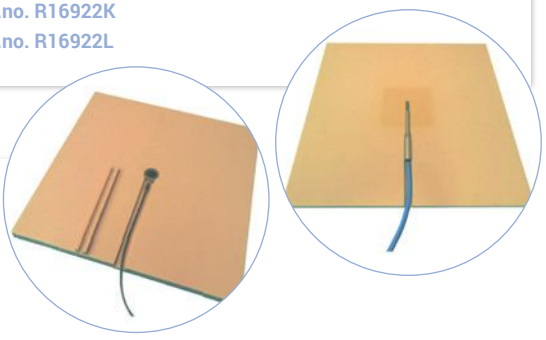
200 x 200 x 5 mm Ref.no. R16922A
200 x 200 x 10 mm Ref.no. R16922B
200 x 200 x 20 mm Ref.no. R16922C

Cortical bone

200 x 200 x 5 mm Ref.no. R16922D
200 x 200 x 10 mm Ref.no. R16922E
200 x 200 x 20 mm Ref.no. R16922F
300 x 300 x 5 mm Ref.no. R16922J
300 x 300 x 10 mm Ref.no. R16922K
300 x 300 x 20 mm Ref.no. R16922L

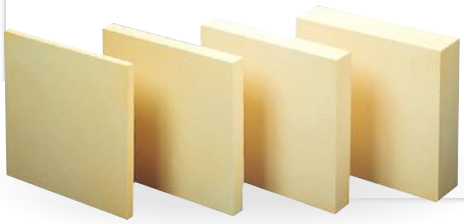
Inner Bone

200 x 200 x 5 mm Ref.no. R16922G
200 x 200 x 10 mm Ref.no. R16922H
200 x 200 x 20 mm Ref.no. R16922I
300 x 300 x 5 mm Ref.no. R16922M
300 x 300 x 10 mm Ref.no. R16922N
300 x 300 x 20 mm Ref.no. R16922O



Tough Lung Phantom

Human lung substitute phantoms to simulate body structure in combination with R16921 and R16922.



Ref.no. R16923
Details:

300 x 300 x 10mm Ref.no. R16923A
300 x 300 x 20mm Ref.no. R16923B
300 x 300 x 30mm Ref.no. R16923C
300 x 300 x 50mm Ref.no. R16923D



Water Body Phantom WAC

The water body phantom represents a human chest or abdomen to serve as radiation absorber and scatterer.

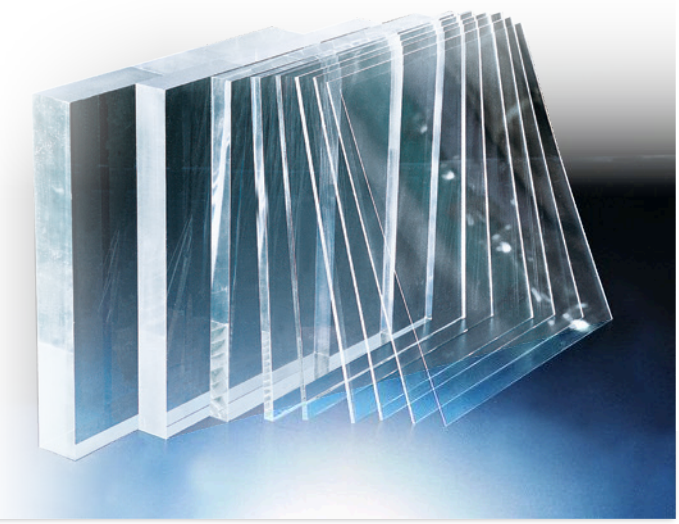
Ref.no. R16924
Details:

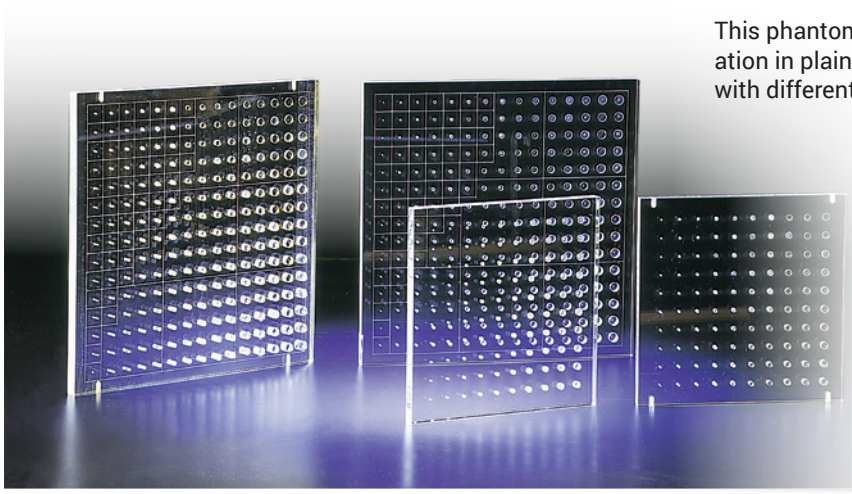
Acrylic Phantom XAC

Slab phantoms for radiation absorption and scattering measurement.

Ref.no. R16925
Details:

300 x 300 x 1 mm **Ref.no. R16925A**
300 x 300 x 2 mm **Ref.no. R16925B**
300 x 300 x 3 mm **Ref.no. R16925C**
300 x 300 x 4 mm **Ref.no. R16925D**
300 x 300 x 5 mm **Ref.no. R16925E**
300 x 300 x 8 mm **Ref.no. R16925F**
300 x 300 x 10 mm **Ref.no. R16925G**
300 x 300 x 20 mm **Ref.no. R16925H**
300 x 300 x 30 mm **Ref.no. R16925I**
300 x 300 x 40 mm **Ref.no. R16925J**
300 x 300 x 50 mm **Ref.no. R16925K**
300 x 300 x 80 mm **Ref.no. R16925L**
300 x 300 x 100 mm **Ref.no. R16925M**





Contrast Detail Phantom

This phantom is used for image evaluation in plain x-ray. There are four types with different sizes and target types:

Ref.no. R16926
Details:

15 x 15 holes of depth range 1,0 bis 8,0 mm **Ref.no. R16926A**

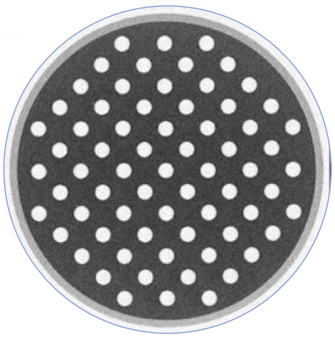
10 x 10 holes of depth range 1,0 bis 5,5 mm **Ref.no. R16926B**

15 x 15 rods of height range 1,0 bis 8,0 mm **Ref.no. R16926C**

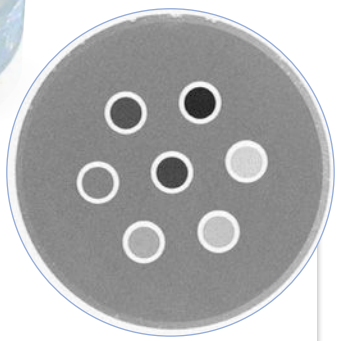
10 x 10 rods of height range 1,0 bis 5,5 mm **Ref.no. R16926D**

MRI Quality Assurance Phantom MHR/JMR II

This QA phantom for MRI allows to evaluate the slice thickness, spatial resolution, uniformity and geometric distortion as well as contrast.
The Uniformity is maintained under the high magnetic field of 3.0 Tesla.
The Uniformity provides high precision evaluation for other parameters.
There are two types of this phantom.







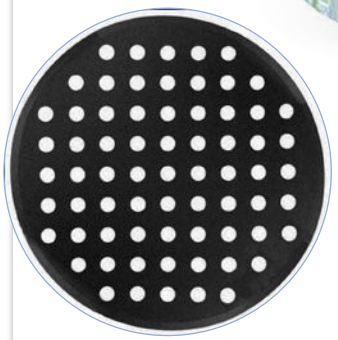
The first phantom offers the following evaluation paramet

- ✓ Signal to Noise ratio (SNR)
- ✓ Image Uniformity
- ✓ RF uniformity
- ✓ Spatial resolution
- ✓ Spatial linearity (Image distortion)
- ✓ Slice thickness
- ✓ Slice position / separation
- ✓ mage contrast
- ✓ Image artifact

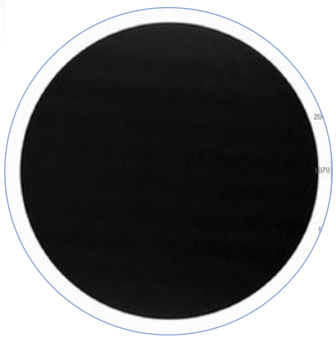




MHR
Ref.no. R16927
Details:





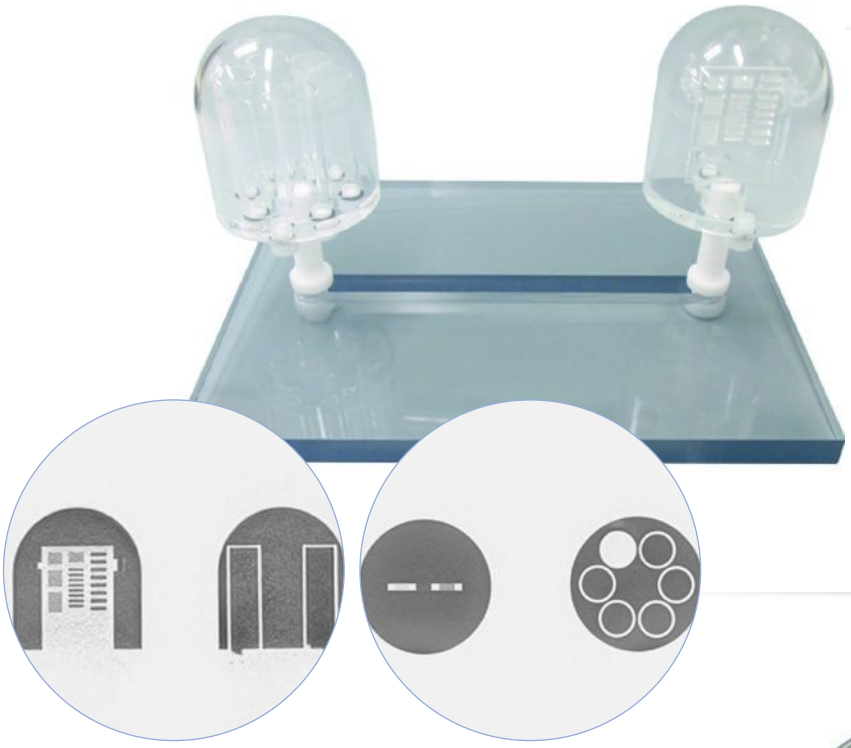


The second phantom offers the following evaluation parameters:

- ✓ Signal to Noise ratio (SNR)
- ✓ Image Uniformity
- ✓ Slice Thickness
- ✓ Spatial resolution
- ✓ Geometric distortion
- ✓ Ghost artifact
- ✓ Image contrast



JMR II
Ref.no. R16928
Details:



MRI Breast QA Phantom

An innovative phantom with the shape of breasts for detailed QA in Breast MRI. It allows quantitative evaluation of breast MRI with breast coils. It has an adjustable height of the phantoms in the range of 10cm to fit the depth of the coils. The horizontal position of the phantoms can be set aribitrarily on the 30cm long slit. The test parameters are spatial resolution and quantitative evaluation of ADC on test pieces of tissue substitute.

Ref.no. R16929
Details:

MRI Head Phantom NH

This life-size head phantom can be used to assess uniformity. It can be used for MRI, SPECT/CT and CT. Comes with nickel chloride solution. Complies with JIS Z 4924.

Ref.no. R16930
Details:





MRI / NM Head Phantom BHC

Simulates life-size head images in MRI and NM. Can be used in MRI, SPECT/CT and CT. Comes with Nickel Chloride Solution.

Ref.no. R16931
Details:



PET / SPECT Brain Phantom

This Phantom offers the nucleus and caudate nucleus for I-123 DatSCAN. The anthropomorphic head phantom simulates the absorption and scatter characteristics of head and skull. RI solution can be injected to striatum and putamen. Can be used for SPECT and DatSCAN. It shows Brain ventricle, striatum, putamen, cerebrum, caudate nucleus and skull.

Ref.no. R16932
Details:

Brain Phantom IB-20 advanced

This brain phantom of the striatal region with replicated skull densities of an adult male (equivalent HU750) and an elderly female (equivalent HU530) is useful for uptake ratio calibrations and studying the I-123 DaTSCAN scatter correction techniques. The Phantom can be used in SPECT and PET.



Ref.no. R16933
Details:



Brain Phantom Set IB-10

This set consists of 4 parts, a simulated skull unit, a brain unit comprising artificial grey and white matter, ventricular cavities and orbits. The set also incudes a Jaszczak phantom and a sectional phantom. Radioactive solutions may be added to the phantoms components. It can be used for the following evaluation parameters in SPECT and PET: Homogeneity evaluation, detectivity of grey matter and white matter, cross calibration, spatial resolution of negative images, Gamma ray absorption rate by skull and radioactive concentration and linearity of SPECT value.

Ref.no. R16934
Details:



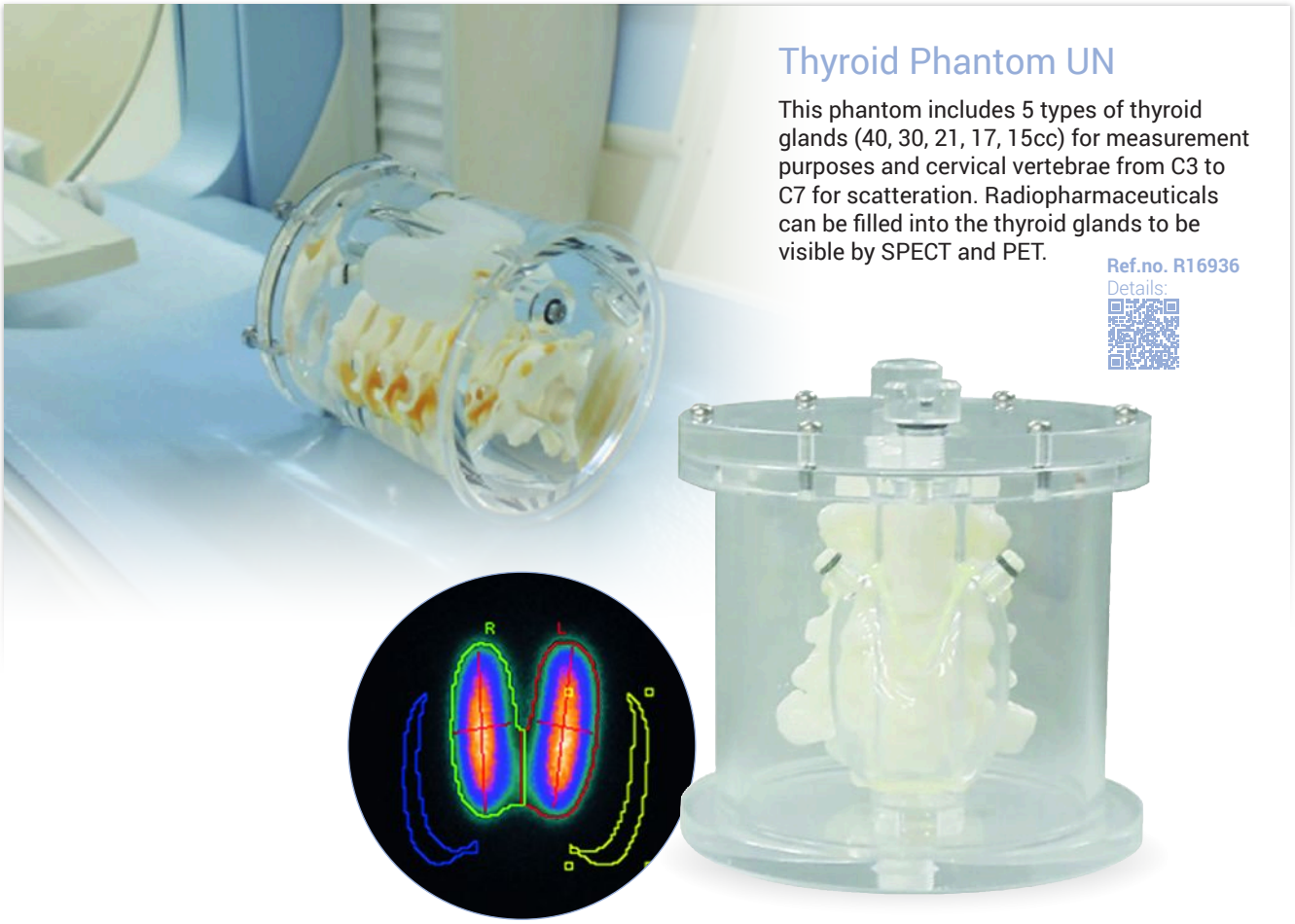




PET / SPECT Thyroid Phantom AT

The anthropomorphic thyroid phantom simulates the absorption and scatter characteristics of the human neck area that surrounds the thyroid gland. It can be used for quality assurance of a system for iodine uptake ratio test, scatter, attenuation and sensitivity. It is suitable for SPECT and PET. The anatomy includes the cervical spine C3 to C7, the thoracic spine Th1, clavicle, breastbone (half) and Thyroid (5 variations).

Ref.no. R16935
Details:



Thyroid Phantom UN

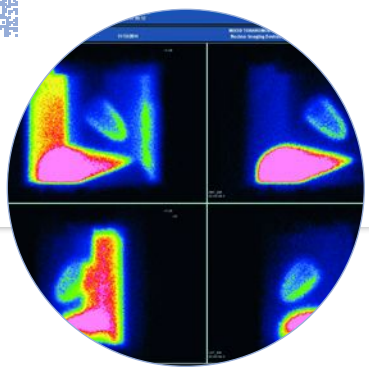
This phantom includes 5 types of thyroid glands (40, 30, 21, 17, 15cc) for measurement purposes and cervical vertebrae from C3 to C7 for scatteration. Radiopharmaceuticals can be filled into the thyroid glands to be visible by SPECT and PET.

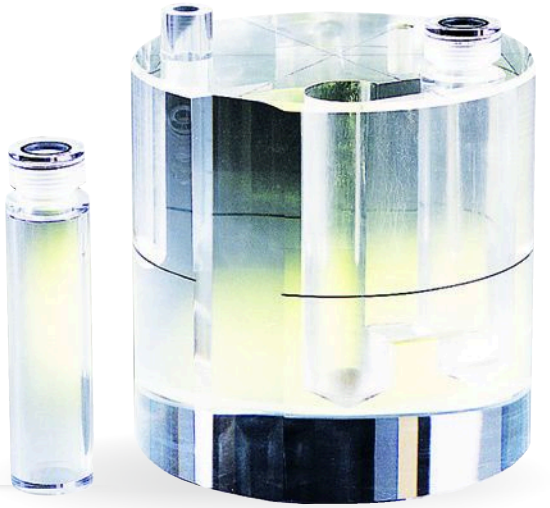
Ref.no. R16936
Details:

ORINS Thyroid Phantom IST

Oak Ridge Institute for Nuclear Studies
Type phantom for measurement of thyroid radionuclide uptake. The neck phantom has cavities for iodine-131.

Ref.no. R16937
Details:







Myocardial Phantom HL

This phantom is designed for the study of high radio accumulation interference in the liver with the myocardial SPECT images. It allows the study of RI liver intake and its effect on the myocardial SPECT. A cold defect can be set in the left cardiac muscle. The background can be set individually in the lung field, mediastinum and right ventricle.

Ref.no. R16938
Details:

ECT HotCold Phantom SP-6

Volumetric measurement phantom for PET/SPECT. Five sphere containers with different sizes can be filled with RI solution. Volume of sphere phantoms are: 50 mm (100%), 80%, 60%, 40% and 20%. Can be used for SPECT, PET.

Ref.no. R16939
Details:



SPECT QA Phantom Set

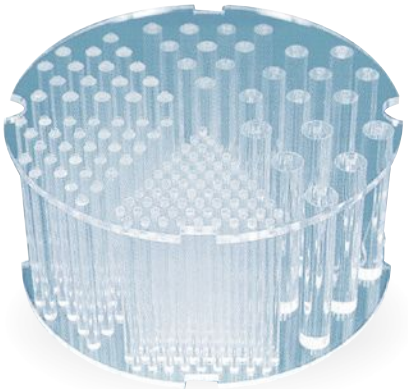
A set of test units for daily QA of SPECT/PET. It consists of:

- ✓ Outer phantom
- ✓ Line source phantom
- ✓ Cold spot phantom
- ✓ Hot spot phantom
- ✓ Dose linearity phantom
- ✓ Geometric distortion phantom

The evaluation parameters are uniformity, dose linearity, spatial resolution and image distortion.



Ref.no. R16940
Details:





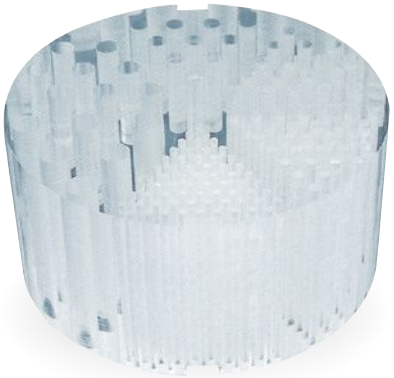
Holder and accessories

Makes the phantom suitable for your specific scanner.



Ref.no. R16940A
Details:

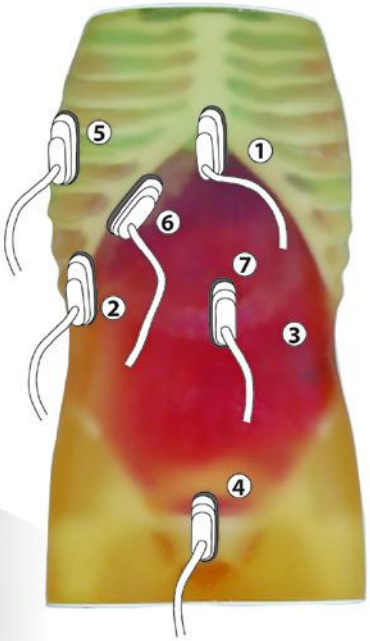


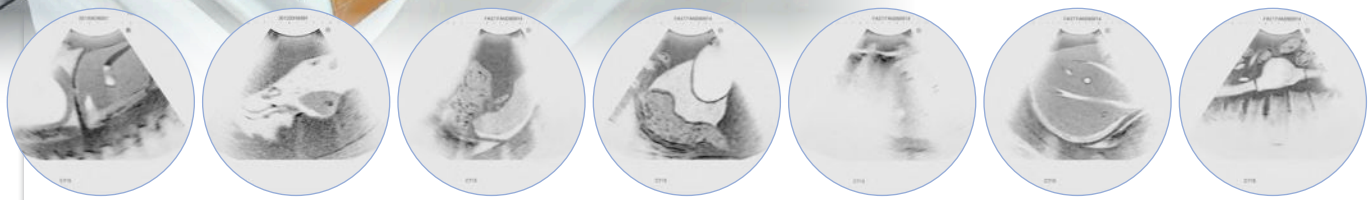


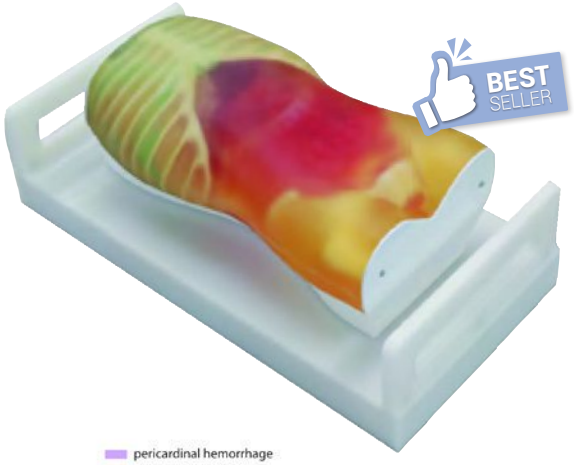




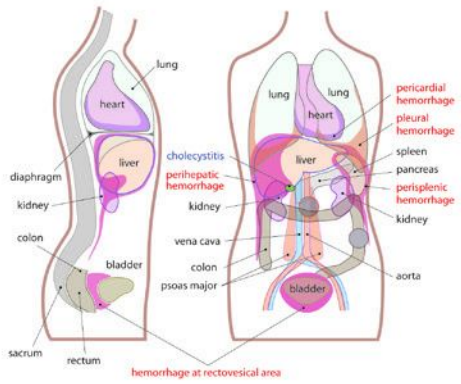








pericardinal hemorrhage
pleural hemorrhage
intra-abdominal hemorrhage
Tumor
*The small intestine is also embedded.



FAST ultrasound training model

This phantom has been developed to provide simulated training in FAST (Focused Assessment with Sonography for Trauma); an ultrasound examination directed at identifying the presence of free intraperitoneal or pericardial fluid in the traumatic patients, which allows detecting the possible cause of shocks such as mass hemothorax, intraperitoneal hemorrhage or cardiac tamponade.
The phantom offers the following training opportunities:

FAST-Procedures:
Internal hemorrhage at perihepatic, perisplenic, pelvis and pericardium area.

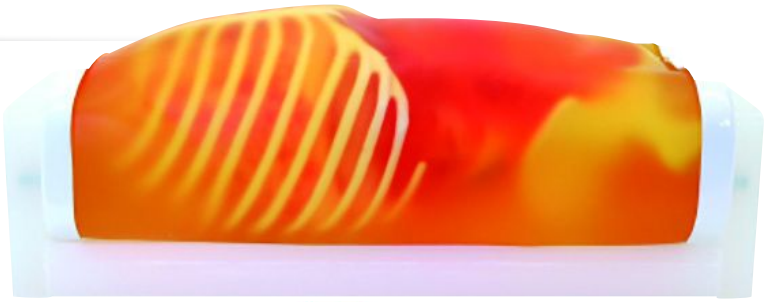
Sonography for acute patients:
Internal hemorrhage at pericardial, bilateral chambers as well as intraabdominal hemorrhage around the liver, the spleen and the urinary bladder. Pathologies including cholecystitis, an aortic aneurysm, a lesion on the colon.

The images show the following ultrasound images:
1. Cardiac tamponade
2. Right upper abdominal bleeding
3. Left upper abdominal bleeding
4. Pelvic bleeding
5. Pleural bleeding
6. Peri-hepatic bleeding
7. Abdominal aortic aneurysm

The model is supplied with carry case and tutorial DVD.
Size: 61 x 30 x 30 cm. Weight: about 31 kg.

Ref.no. R16590
Details:

Pediatric FAST/ acute abdomen phantom



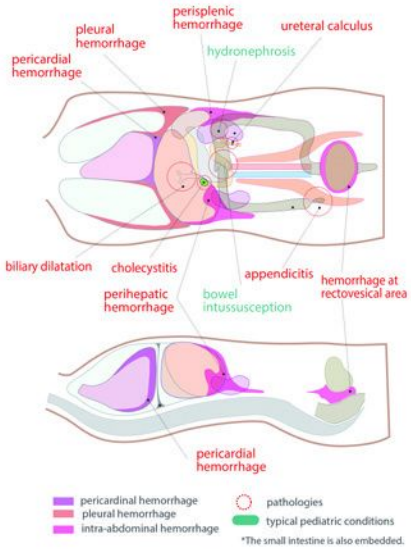
The world's first pediatric ultrasound torso phantom. Pediatric FAST/Acute Abdomen Phantom provides opportunities of hands on training in ultrasound that is a crucial modality for radiosensitive children. **Features:** The phantom includes life-size 2-year-old thoracoabdominal organs, a bone structure, free fluid to learn FAST procedures and pathologies that are commonly seen in pediatrics. With this phantom trainees can acquire skills in basics of pediatric abdominal ultrasound.

Pathologien:

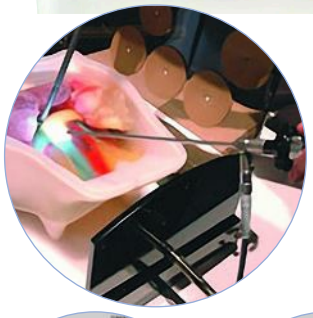
- ✓ Internal hemorrhage at perihepatic, perisplenic, pelvis, and pericardium area
- ✓ Bowel intussusception, appendicitis and biliary dilatation

Specifications:
Set Includes: 1 ultrasound phantom, 1 storage case, 1 tutorial manual (DVD)

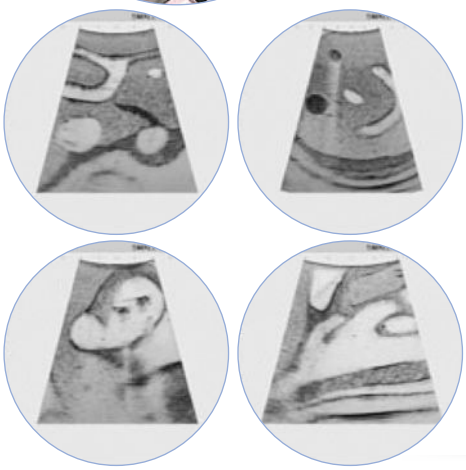
Ref.no. R16591
Details:







Ref.no. R16550
Details:



Abdominal intraoperative & laparoscopic ultrasound phantom

Features:

- ✓ Inanimate tool for training of a novice to demonstration by an expert.
- ✓ Detailed hepatobiliary, pancreatic and other abdominal anatomy meeting requirement for excellent training: open intraoperative scanning of the liver, biliary tract, pancreas; laparoscopic examination of the biliary system for screening of stones and evaluation of hepatic and pancreatic lesions, etc.
- ✓ Soft phantom materials allowing realistic probe manipulation.
- ✓ Various simulated lesions including biliary stones and cysts, solid tumors (hypoechoic, hyperechoic and target-appearance) in the liver, pancreas, spleen and kidneys.
- ✓ Detachable stomach and duodenum allowing various scanning methods of the bile duct and pancreas.
- ✓ Container allowing water-immersion scanning for both contact and stand-off techniques, simulating real abdominal intraoperative and laparoscopic scanning (no ultrasound gel required).
- ✓ Near real-size organs, structures and abnormal lesions.
- ✓ Container with phantom fits in the laparoscopic trainer box so that laparoscopic ultrasound of organs is possible under direct laparoscopic view.
- ✓ Durable long-life phantom materials.

The phantom includes:
the liver (segmental anatomy, portal and hepatic venous systems, ligamentum teres and ligamentum venosum), biliary tract (gallbladder, cystic duct, intrahepatic and extrahepatic bile ducts), pancreas (pancreatic duct), spleen, kidneys, detailed vascular structures (aorta, vena cava, celiac artery and its branches, portal vein and its branches, superior mesenteric vessels, renal vessels, etc.).

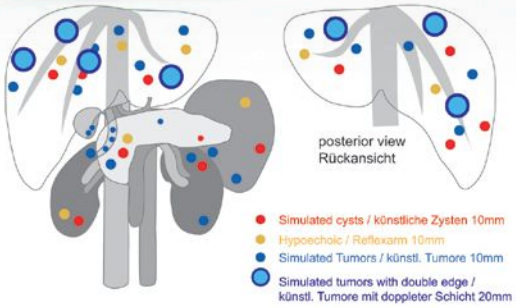
Pathology includes:
hepatic lesions (cystic and solid), gallbladder and bile duct stones, pancreatic tumors (one invading the portal vein), splenic lesions, both kidney lesions, and left adrenal tumor.



Ultrasound training model anatomy/pathology

BEST SELLER

This high fidelity training model allows practice of ultrasound with existing ultrasound – machines. It includes the anatomy of the abdomen as well as many pathologies. The model includes the liver (Couinnaud's segments are visible), biliary tract, pancreas, spleen, kidneys, detailed vascular structures like aorta, vena cava, celiac artery and ist branches, portal vein and its branches, superior mesenteric vessels, renal vessels etc. Multiple cysts and tumors in this model give various training opportunities for advanced examination. The phantom can be scanned from all sides like a real patient. Size: 28 x 25 x 18 cm, weight 12 kg.



Ultrasound model
Ref.no. R16560
Details:

Set ultrasound model and anatomical model
Ref.no. R16560-1
Details:



Ultrasound training model anatomy

This model is perfect for the first education in ultrasound examination. It is a great tool for learning how to orientate in the upper abdomen and gives perfect images of all relevant organs and structures. In addition to liver, gallbladder, pancreas, spleen and vessels the lungs and ribs are represented in the model. The location of the organs and the thickness of the surrounding tissue are like in a real patient. Size: 28 x 25 x 18 cm, weight 12 kg.

Ultrasound model
Ref.no. R16570
Details:

Set ultrasound model and anatomical model
Ref.no. R16570-1
Details:

Anatomical model for ultrasound education

This 20 part model of the upper abdominal organs represents exactly the anatomy that is inside the training models R16560 and R16570. This allows you to see the structures and organs three dimensional in front of you while you are scanning them in the training model. The single parts are: liver (can be separated into 8 segments), gall bladder, spleen, left kidney, vena cava, spine, large and small intestine, portal vein, bile duct and hepatic artery, pancreas, right kidney, abdominal aorta, hepatic vein and stomach. Size: 20 x 23 x 16 cm.



Ref.no. R16580
Details:

Lung Ultrasound Training Phantom

Because of the rapid increase of patient numbers from the COVID-19 pandemic, CT and X-ray machines are increasingly difficult to access for diagnostic purposes. As such, lung ultrasound is one solution to minimize exposure for medical professionals, and this new phantom was developed to practice the basics of this procedure.

The Phantom comes with four kinds of units: A-LINE, B-LINE(few), B-LINE (many), pneumonia and pleural effusion for training in the basics of lung ultrasound.

The Anatomy of the phantom includes:
lung, chest wall and ribs

The phantom does not need special storage and is suitable for training in large groups. The materials are highly durable. A special lung slide module and COVID-19 module are under development.

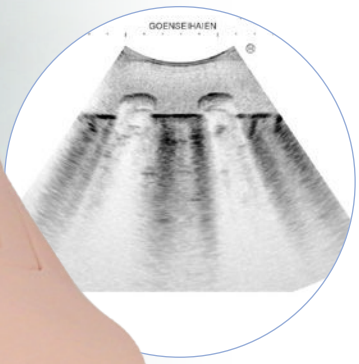


Ref.no. R16055
Details:









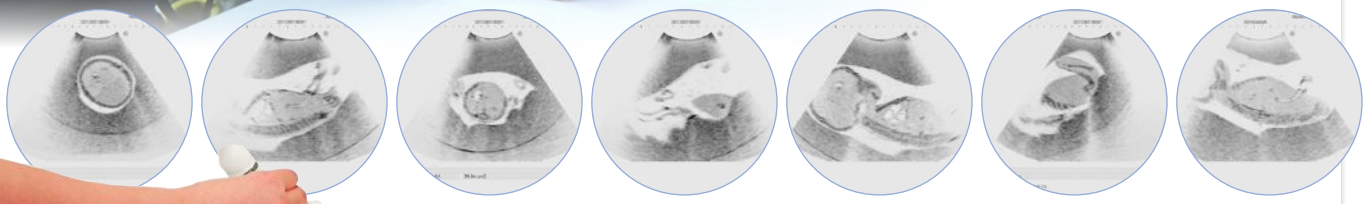




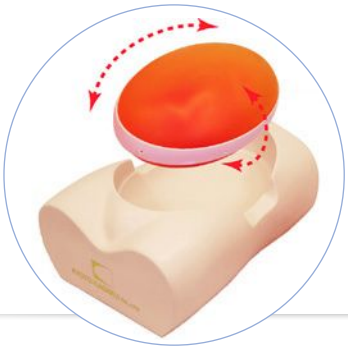
Fetus ultrasound examination phantom

The phantom provides high quality training for routine second trimester screening. This phantom contains a 23 week fetus with full anatomy placed in the uterus that can be scanned with 2D and 3D transducers. The oval shape phantom abdomen can be set in four different positions to enrich the training variation. Included life-size fetus model facilitates demonstration and three dimensional understanding.

Ref.no. R16595
Details:









Female pelvic ultrasound phantom

Female pelvic ultrasound examination phantom facilitates teaching and learning how to practice both transvaginal and transabdominal ultrasound procedures using one's own device. Typical female pelvic pathologies are prepared for various training.



Training Skills:

- ✓ Female pelvic ultrasound screening both with transvaginal and transabdominal scanning
- ✓ Visualization of pathologies
- ✓ 3D ultrasound imaging restructuring

Features:

- ✓ Realistic pathology for transvaginal ultrasound training as well as transabdominal procedure.
- ✓ Excellent ultrasound image quality.
- ✓ Anatomically correct and life-like images.
- ✓ Universally compatible to any ultrasound machine.
- ✓ 2 types of interchangeable phantoms with various pathologies

Includes 2 phantoms:

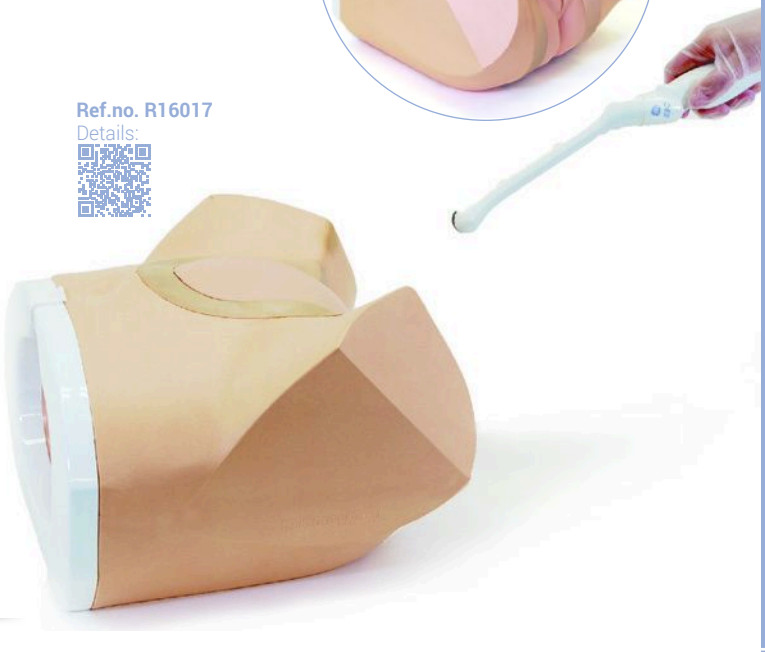
Pathological Phantom

- ✓ Endometrial cancer, uterine fibroid
- ✓ dermoid cyst of ovary
- ✓ bleeding at douglas cavum

Ectopic pregnancy phantom

- ✓ Ectopic pregnancy in a fallopian tube

Ref.no. R16017
Details:

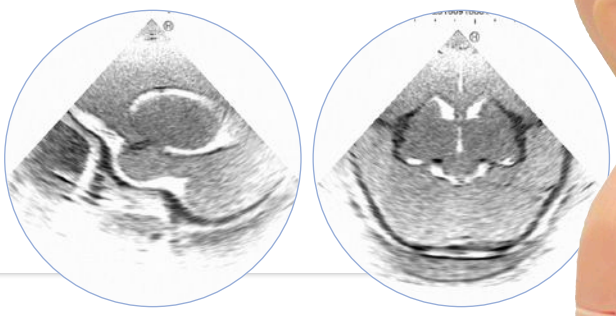


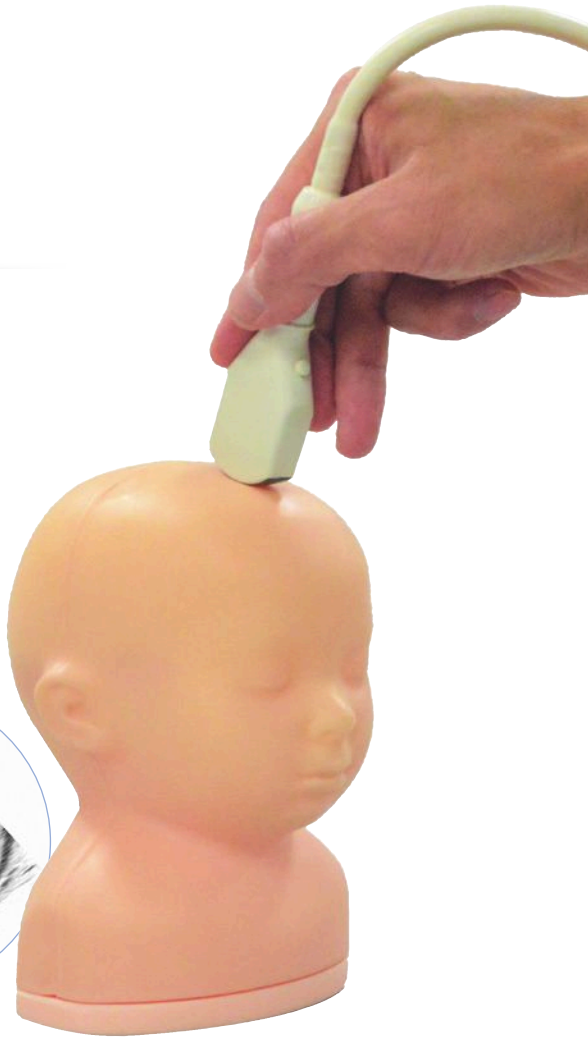
Ultrasound Neonatal Head Phantom

Head ultrasound is one of the most difficult scanning skills and trainees have few opportunities for training. This head model features an accurate depiction of a newborn's cerebral anatomy, and facilitates a realistic user experience with its life-like soft touch. Training skills: Scanning of brain anatomy in Sagittal (Angled Parasagittal), Coronal and transverse planes via any fontanel.

Ref.no. R16800
Details:

Anatomy:
- ✓ Skull
- ✓ Anterior fontanel
- ✓ Posterior fontanel
- ✓ Cerebrum
- ✓ Cerebellum
- ✓ Brain-stem
- ✓ Lateral ventricle
- ✓ Ventricle
- ✓ Third cerebroventricle
- ✓ Fourth ventricle
- ✓ Septum pellucidum





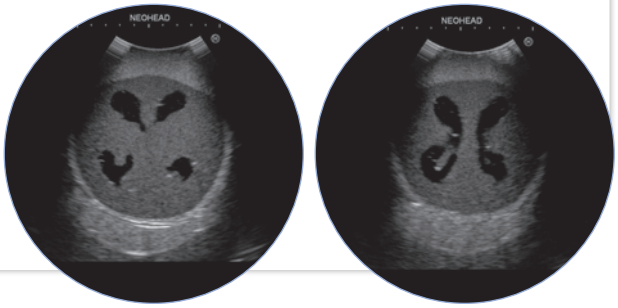


Ultrasound Neonatal Head Phantom with Hydrocephalus

This head phantom is designed to demonstrate abnormal anatomy, such as Hydrocephalus in which the shape of the skull is altered due to intercranial pressure.Training skills: Scanning of brain anatomy in Sagittal (Angled Parasagittal), Coronal und Transverse planes via any fontanel.

Anatomy:
- ✓ Skull
- ✓ Anterior fontanel
- ✓ Posterior fontanel
- ✓ Hypertrophied lateral ventricle

Ref.no. R16810
Details:



More ultrasonic phantoms can be found on the pages:

Hip Sonography: Page 129
Breast Biopsy: Page 147
Testical Ultrasound: Page 148
Lumbar Puncture: from Page 186
CVC: from Page 201
Vascular Access: Page 205
Pericardicentesis/Thoracocentesis: Page 208
Ultrasound Bronchioscopy: Page 269

Intravesical Urine Volume Measurement Training Simulator

Pocket-sized ultrasound is becoming popular and start to be utilized in adult day care to check intravesical urine volume instead of catheterization which may cause urinary infection.

The following Skills can be trained:

- ✓ Handling and manipulation of transducers on bladder ultrasound.
- ✓ Scanning the bladder to measure urine volume and findings.

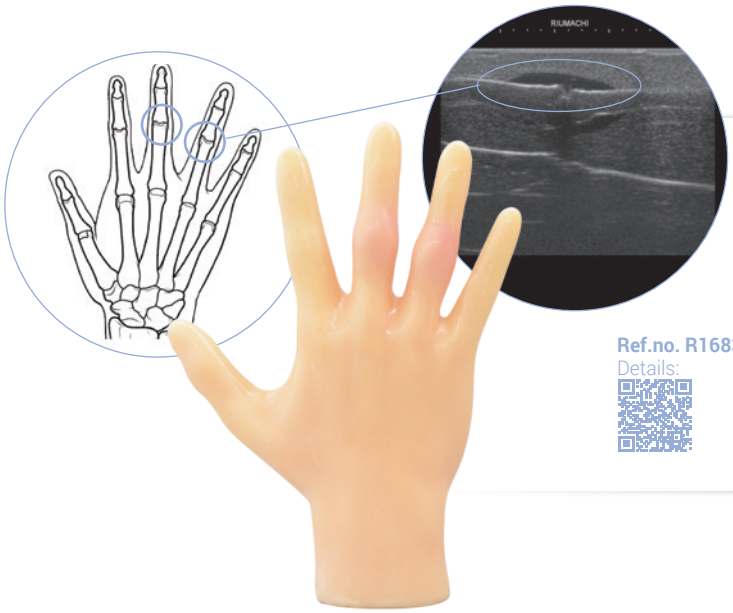
Includes 4 variations of interchangeable inserts feature different patient scenarios:

- ✓ 50 ml urine
- ✓ 150 ml urine
- ✓ 300 ml urine
- ✓ Urinary retention/balloon catheter

Size: 30 x 26 x 18 cm, Weight: approx. 3,2 kg

Ref.no. R16820
Details:





Rheumatoid Finger Phantom

Ultrasound examination is a key skill for early diagnosis on rheumatoid arthritis. For skills training in ultrasound examination on rheumatoid arthritis. Synovial thickening and increased synovial fluid are simulated on middle and ring finger. Size: 17 x 5 x 21 cm, weight: 0.6 kg.

Ref.no. R16830
Details:

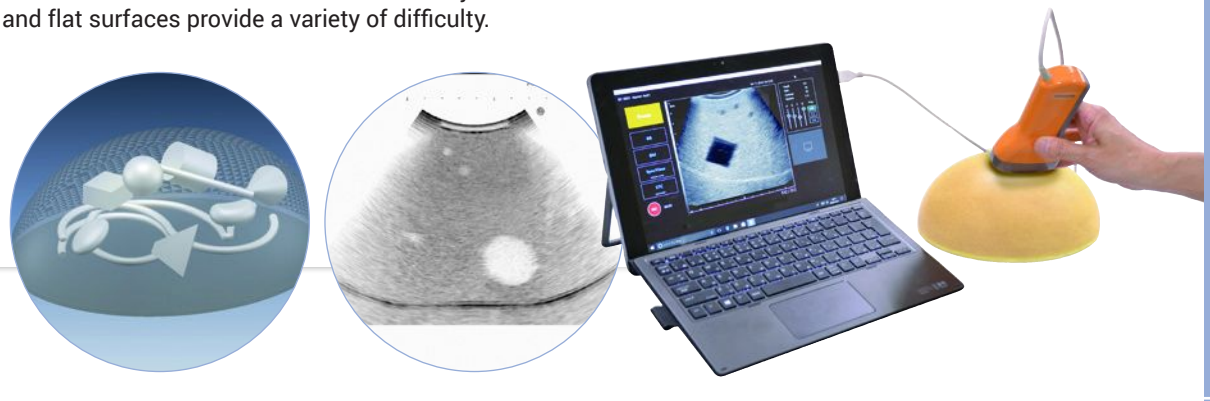
Fundamental Ultrasound Phantom

This oval phantom helps sonographers with basic trainings. It is a phantom for basic manipulation of the ultrasound transducer. The user is able to learn the recognition of shape, echogenicity, distance an to practice horizontal transducer works.

The user can learn to interpret 2D cross sectional images into a shape of 3D object. There are 10 objects embedded in the phantom. Learn how to adjust time-gain compensation to obtain suitable density, how to measure dimensions and distance. Objects with spheroidal and flat surfaces provide a variety of difficulty.



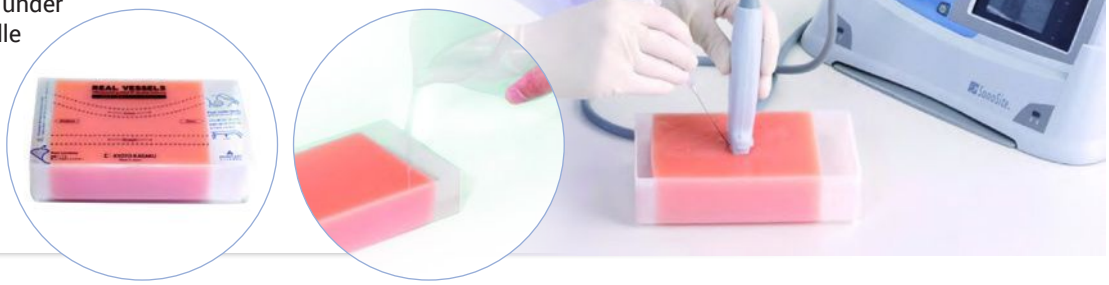
Ref.no. R16056
Details:



Introductery Ultrasound Puncture Block

This training block facilitates training in basics of ultra-saiund-guided punctures, before moving on to trainings with the anatomical type ultrasound pad. The pad has two vessels, one straight, the other one curved. Both vessels start on a shallow level and descend deep into the block. The vessel walls yield under the pressure of a needle tip. Set of 2pcs.

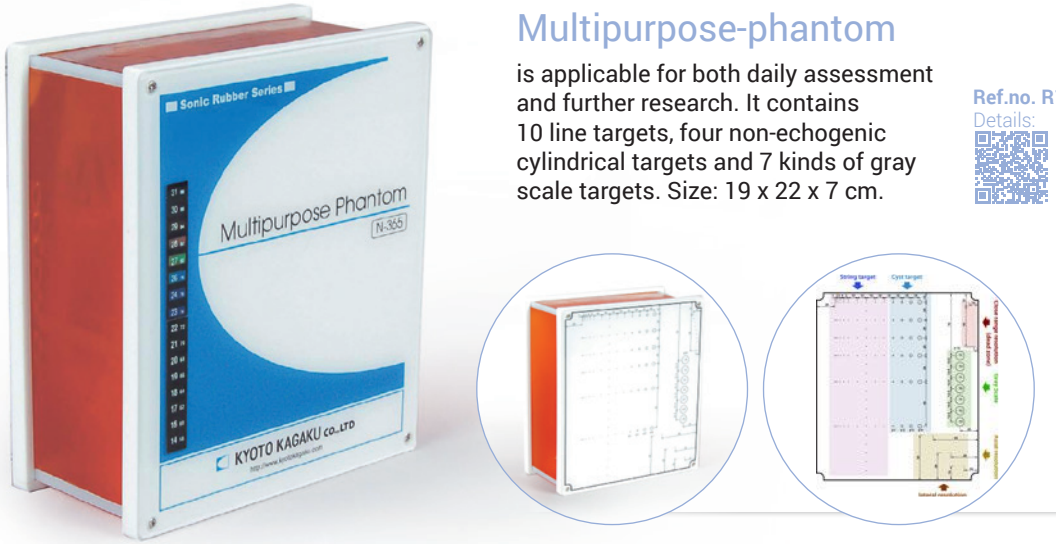
Ref.no. R16051-1
Details:



Multipurpose-phantom

is applicable for both daily assessment and further research. It contains 10 line targets, four non-echogenic cylindrical targets and 7 kinds of gray scale targets. Size: 19 x 22 x 7 cm.

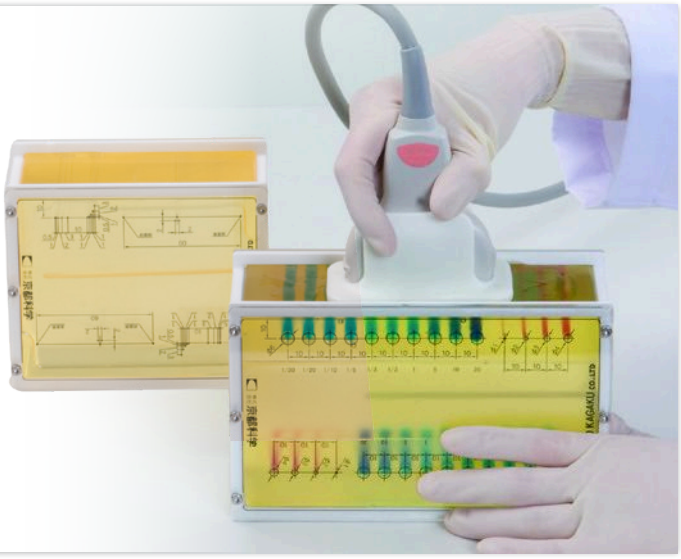
Ref.no. R16543
Details:



Breast phantom

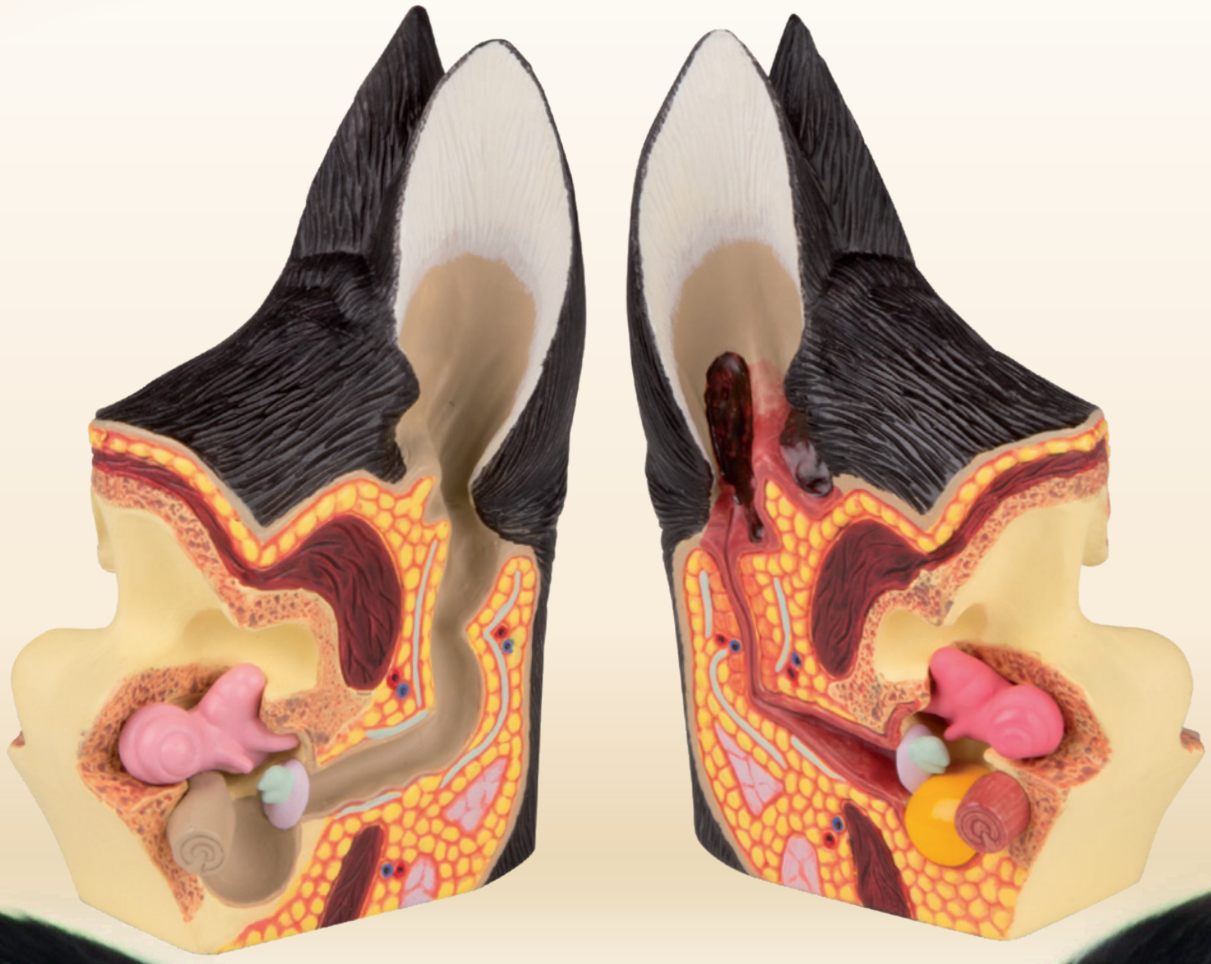
Specialized phantom for high frequency sonography – around 10 MHz required in breast examination. The phantom includes four kinds of targets, gray scale, cyst, dot and 45° line targets. The Phantom includes two training blocks.

Ref.no. R16546
Details:



ERLER ZIMMER

Veterinary medicine





One side of the model presents the external anatomy of the animal, while the other presents the muscular system. The model is divided into two parts in the sagittal plane, which allows to present the internal anatomy of gastrointestinal, reproductive and excretory systems.





12 parts
2/3 natural size

Sheep model

The model can be disassembled into 12 pieces:

- ✓ 2 body halves, divisible in the sagittal section
- ✓ stomach (2 pieces)
- ✓ small and large intestine
- ✓ heart (2 parts)
- ✓ liver with spleen
- ✓ one limb
- ✓ lung
- ✓ 2-part uterus (reproductive system)
- ✓ rectum, bladder
- ✓ excretory system

Ref.no. VET3310
Details:







15 parts
1/3 natural size

Bovine model

The model can be disassembled into 15 pieces:

- ✓ one limb
- ✓ heart (2 pcs)
- ✓ lung
- ✓ small and large intestines
- ✓ stomach (3 pcs)
- ✓ kidney
- ✓ uterus with an ovary (2 pcs)
- ✓ liver
- ✓ tail, half with the muscular system, half with the external anatomy. When the internal organs are taken out, the model presents the muscular system of the thorax and the abdomen.

Ref.no. VET3300
Details:









20 parts
1/2 natural size

Pig Model

The model can be disassembled into 20 pieces:

- ✓ right half of the body
- ✓ left half of the body
- ✓ half of the head
- ✓ ear cartilage
- ✓ large intenstine
- ✓ small intenstine
- ✓ left front leg
- ✓ liver (2-parts)
- ✓ heart (2-parts)
- ✓ kindney
- ✓ adrenal gland
- ✓ spleen
- ✓ lung (2 parts)
- ✓ tail
- ✓ stomach (2 parts)
- ✓ parotid gland
- ✓ half of the uterus

Ref.no. VET3320
Details:





16 parts
1/3 natural size

Horse (mare) model

The model can be disassembled into 16 parts:

- ✓ Right side of the head (outside)
- ✓ Left side of the head (muscles)
- ✓ Right side of the trunk (outside)
- ✓ Left side of the trunk (muscles)
- ✓ Left front leg
- ✓ Right gluteal muscle
- ✓ Heart (2 parts)
- ✓ Left lung
- ✓ Stomach (2 parts)
- ✓ Small intestine
- ✓ Large intestine
- ✓ Liver
- ✓ Left kidney
- ✓ Spleen

Ref.no. VET3330
Details:



Advanced simulator for artificial insemination (AI) of the cow

The simulator represents the rear half of a female breeding cattle on a base with castors. It enables the training and observation of the palpation manipulation that is carried out during the insemination process and the examination per rectum.

Characteristics: The set contains a complete artificial reproductive system, an uterus in the oestrus and a handpiece. An interchangeable full-size representation of the reproductive system with characteristic anatomical structures, mounted in the correct anatomical position in the simulator structure, suspended in the pelvic cavity naturally imitates a natural suspension made of flexible materials, imitating them and offerir a realistic treatment sensation of living Tissue - applies to the external elements (vulva) and internal (cervical). The internal organs of the model can be heated to natural temperature.

Specification: Length: approx. 95 cm, height: approx. 145 cm, width: approx. 50 cm. Basic dimensions: 82 x 76 cm. Approximate weight. 50 kg.

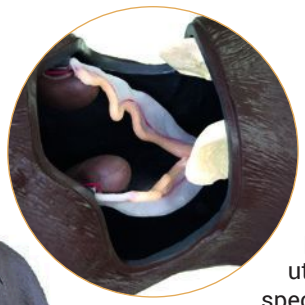
Available as an option / spare part:

- ✓ Uterus in oestrus
- ✓ Standard cervix for easy AI procedure
- ✓ Cervix for difficult AI procedure
- ✓ Uterus at different stages of pregnancy
- ✓ Set with ovaries: small follicles, large follicles, corpus luteum, cyst
- ✓ Insemination gel
- ✓ Silicone vagina tube
- ✓ Rectum (removable bag)
- ✓ The posterior part of the reproductive system
- ✓ Tail



Ref.no. VET3400
Details:





Gynecological training dog *Bella*

Gynecological examinations in the bitch belong to the basic manual skills in small animal practice. "Bella" enables the training under lifelike conditions, from parturition to endoscopic insemination. With her detailed genital tract our “Bella” provides a lifelike simulation of the bitch. At the integrated uterus, a gynecological examination can be performed via speculum or endoscope. Artificial insemination can be trained with a balloon catheter or with endoscope-guided catheterization of the cervix. The uterus presents a detailed mucosa with secondary folds, the dorsomedian fold and a cervix. The blood collection at the V. cephalica for hormone determination in the context of an ovulation detection can be trained with the integrated blood collection pad. The detachable back cover allows the visualization of the anatomical position of the reproductive tract and the kidneys in the pelvis. If necessary, the uterus, V. cephalica and internal organs can be removed and exchanged easily.

„Bella“ includes:

- ✓ Uterus
- ✓ Pelvis
- ✓ Kidneys
- ✓ V. cephalica
- ✓ Blood bag
- ✓ Palpable abdomen (optional)

Ref.no. VET5000
Details:

Uterus
Ref.no. VET5010

Birth Simulation Module
Ref.no. VET5020

Puppy set of three
Ref.no. VET5030





Natural size

Dog Skeleton *Olaf*

BEST SELLER

The Dog Skeleton "Olaf" is an actual cast of the skeleton of a medium-size crossbreed dog with about 45 cm shoulder height. The spine is not moveable, tail is removable. The legs can be moved and removed, perfect for use in courses and further education. The lower jaw is movable mounted, the teeth are represented naturally.

Ref.no. VET1700
Details:



Canine Knee

Knee of an average size dog showing femur, fibula, patella and tibia bones; lateral and medial meniscus; anterior and posterior cruciate ligaments; as well as other ligaments and tendons.

Ref.no. VET1050
Details:



Canine Hip

Average size dog pelvis features both normal and osteoarthritic bone, body of ilium, greater trochanter, head in acetabulum, herniated disc, neck of femur, nerve, sacrum, and third trochanter.

Ref.no. VET1060
Details:



Canine ear, healthy/diseased

This handy model Has a normal side with cochlea, auditory ossicles, auditory tube, tympanic bulla, middle ear cavity, tympanic membrane, horizontal canal, vertical canal, auricular cartilage, pinna and temporalis muscle; and a diseased side showing inflamed inner ear structures, inflammatory exudate in tympanic bulla, ear canal with partial occlusion from cellular hyperplasia, and an reddened (inflamed) outer ear.

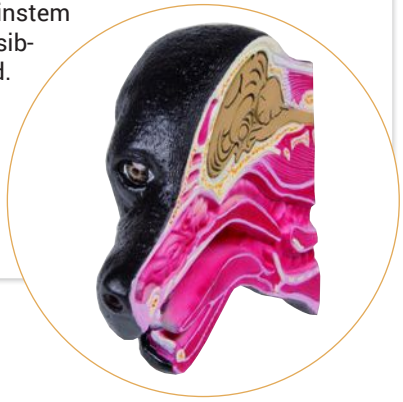
Ref.no. VET1210
Details:



Median section of a dog head

This scaled down model of a median sectioned dog head depicts graphically the anatomy of mouth, tongue as well as throat with trachea and esophagus. Also the olfactory organ, the skull with sinuses and a brain section with cerebellum, brainstem and afterbrain are visible. Supplied on stand.

Ref.no. VET1300
Details:



Dog skull with didactic painting

This life-size replica of a dog's skull shows the anatomical structures and is didactically painted so that the individual bones of the skull can be clearly seen and their location and relationship to one another can be learned. An ideal tool for canine osteopaths and canine physiotherapists. The lower jaw can be moved and removed.

Ref.no. VET1708
Details:











Canine jaw with healthy and diseased Teeth

The jaw of a middle size dog shows health teeth on the right side and dental diseases on the left side. The following nine dental diseases are depicted in the model:

- ✓ Incisors, worn
- ✓ Canine, fractured
- ✓ Deciduous tooth, retained
- ✓ Premolar missing
- ✓ Gingival recession
- ✓ Gingivitis
- ✓ Periodontal disease
- ✓ Plaque
- ✓ Tartar accumulation

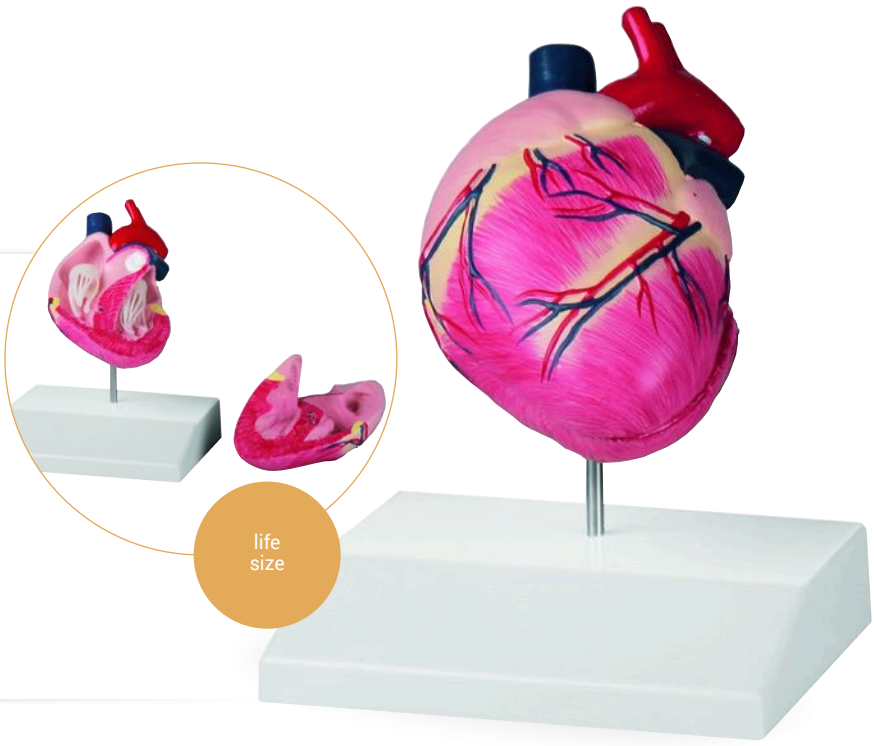
Ref.no. VET1194
Details:

The two jaw halves are connected with a joint allowing movements as well as disassembly of the jaw.

Canine heart

This model of the heart of an average size dog can be dissected into two parts. After removing the front heart wall the model shows ventricles, valves and atriums. On stand.

Ref.no. VET1250
Details:



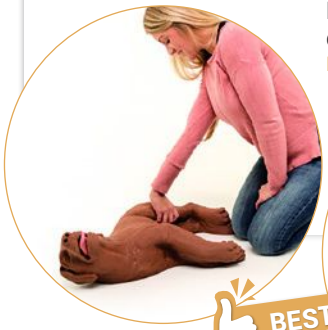
CPR dog CasPeR

CasPeR the CPR Dog provides training in mouth-to-snout resuscitation with individual-use, disposable airway bags. These economical disposable shield/lung bags eliminate cross contamination between students and the need to disinfect the manikin after every use. This dog manikin can be used to teach proper hand placement for compressions, depth of compressions, airway maintenance, femoral pulse check, and adequate ventilation. The model has no indication function, the teacher has to judge proper exercise.



Ref.no. VET2500
Details:

Replacement airways, disposable. Pack of 100pcs
Ref.no. VET2500B



BEST SELLER







Advanced CPR dog

The advanced sanitary CPR dog provides each student with their own sanitary muzzle and airway system. The muzzles may be disinfected and reused, while the lower airways are disposable. In addition to practice in assisted breathing, students may practice the appropriate rate, pressure, and position of cardiac massage; and coordinate the respiratory cardiovascular functions. An IV can even be established for more advanced training. The Advanced CPR Dog is connected to a small box that displays a light when the correct ventilation volume is applied, another light indicates correct position for cardiac massage, a third light indicates correct compression depth, and an audible beep and light indicates excessive pressure is being applied. A visible chest rise appears when correct ventilations are applied.

BEST SELLER

Ref.no. VET2550
Details:

Replacement muzzles, 10 pcs
Ref.no. VET2550A

Replacement lungs, 10 pcs
Ref.no. VET2550C



Jerry K-9 CPR manikin

Jerry is your perfect teaching partner for pet-first-aid. The Jerry manikin has working lungs and an artificial pulse built to teach mouth-to-snout resuscitation. It has disposable lungs for hygienic training. The front leg is movable to allow location of compression site for chest compressions. It can splint, thus allowing students to learn bandaging. Accessories include a carrying case with kneeling pad, brush and 5 disposable lungs. Face shields for group training are sold separately.

Ref.no. VET4000
Details:

Advanced Airway *Jerry* manikin



Advanced Airway Jerry is a full-sized manikin built with a lifelike airway. Clearly presented are the trachea, esophagus and epiglottis. These carefully built organs, coupled with working lungs and an artificial pulse will assist students in endotracheal placement, compressions, and mouth-to-snout resuscitation. It has a disposable lung that can be changed if the manikin is used for mouth-to-snout resuscitation. Advanced Airway Jerry is also designed to splint and bandage. Parts can be cleaned and replaced.

Ref.no. VET4010
Details:



Spare parts for VET4000, VET4010 + VET4020:

Replacement lungs, 24pcs pack
Ref.no. VET4000A

Replacement lungs, 72pcs pack
Ref.no. VET4000B

Critical Care *Jerry*

Critical Care Jerry is engineered as a complete emergency room veterinary training manikin.It has the ability to simulate trauma and features jugular and vascular access. Realistic representations of the trachea, esophagus, and epiglottis are built into the airway. These provide for the training of.

- ✓ airway management
- ✓ ventilation
- ✓ endotracheal intubation
- ✓ mouth-to-snout resuscitation
- ✓ external chest compressions

The manikin comes with working lungs and artificial pulse and features for splinting and bandaging. Included in the carrying case are a kneeling pad, endotracheal tube, syringe, brush, and 5 disposable lungs. Critical Care Jerry also comes with a bonus item – a full K-9 IV trainer in its own carrying case.

Ref.no. VET4020
Details:



Femoral Leg Bone Fracture

An added feature to the Critical Care Jerry manikin can now be included – a long oblique fracture of the right femoral leg bone. This custom Critical Care Jerry will allow students to learn how to set and repair common K-9 fractures. The non-removable fracture can also be added to our "Advanced Airway Jerry", "Jerry", manikins.

Ref.no. VET4022
Details:



Bandaging Manikin *Rufus*

Painstakingly constructed, Rufus Bandaging Manikin is an all-rounded tool to the critical care student.This full-sized model is ideal for practical lab skills and practicing advanced bandaging techniques. Apart from administering first aid, the manikin can be used to practice mouth-to-snout re-suscitation. The left knee, elbow, carpal and hock joints are capable of 90° movements. Shoulder and hip joints also have the flexibility of 90° rotation. With the new features, users can now also practice the Velpeau Sling on the right forelimb and the Ehmer Sling on the right hind leg. Rufus comes with five disposable lungs, a brush, and carrying case with kneeling pad.

Ref.no. VET4050
Details:



In short, these are just some of the bandaging techniques users can practice on Rufus:

- ✓ 90-90- flexion sling
- ✓ Carpal sling
- ✓ Robert Jones bandage
- ✓ Velpeau sling
- ✓ Ehmer sling
- ✓ Limb bandage using stirrups
- ✓ Trunk bandage
- ✓ Tail bandage
- ✓ Padded hip bandage
- ✓ Head and Ear bandage
- ✓ Casts

K9 Breath/Heart Sound Simulator *Goldie*

The highlight of this breath/heart sound (BHS) simulator is to allow students to perform auscultation, offering them opportunities to hear the different sounds with a stethoscope. Instructors can chose various sound scenarios for the classroom. This product uses plug-in modules, with data collated from actual patients. Five speakers are installed directly in our Goldie canine BHS manikin. The BHS unit also has two lights that illuminate during expiration. It is powered by a 9V battery and comes with a limited warranty. Each Goldie comes with a tutor MS, one Breath Sound module, one Heart Sound module, five installed custom speakers and a 9V battery.



Breath Sound module includes:
Tracheal, Vesicular, Bronchial-Vesicular, Wheezes, Monophonic Wheeze, Pleural Friction Rub, Stridor, Cavernous, Crackles, Pulmonary Edema and Puppy.

Heart Sound module includes:
Atrial Fib, Mitral Regurgitation, Mitral Valve Click, Normal Heartbeat, PDA, Pulmoic Stenosis, Respiratory Crackles and MR Murmurs, SAS, VPC and VSD.

Ref.no. VET4040
Details:



Canine Dental / Surgical Model

This anatomically correct simulator allows surgical training possibilities:

- ✓ Simulated teeth and bone are surrounded with soft rubber gums, complete with periosteum and periodontal ligament
- ✓ Allows for practical simulation including nerve blocks, luxation, elevation and extraction of any tooth, as well as tongue, epiglottis, esophagus and trachea to allow for intubation training
- ✓ Maxilla and mandible are easily replaced
- ✓ Model comes with one radiodense, extraction jaw set to practice radiography positioning techniques prior to, and after, tooth extraction.
- ✓ Clamp and arm for securing model to table is included
- ✓ Any tooth can be extracted

Ref.no. VET4570
Details:



Canine Dental Technician Model

This very true-to-life simulator was especially developed for dental technology. It has a wide variety on training possibilities.

- ✓ Simulated teeth and bone are surrounded with soft rubber gums
- ✓ Allows for practical simulation including manual and ultrasonic scaling, probing, nerve blocks, as well as tongue, epiglottis, esophagus, and trachea to allow for intubation training
- ✓ Maxilla and mandible are easily replaced
- ✓ Model comes with clamp and arm, and two jaw sets:
- ✓ One set with calculus accumulation for scaling
- ✓ One radiodense jaw set to practice positioning techniques for radiographs
- ✓ X-ray set has gums complete with periodontal ligament

Ref.no. VET4560
Details:



K-9 Intubation Trainer

Elegantly simple – this model is built for performing proper endotracheal placement. The ET tube either goes correctly into the trachea or wrongly into the esophagus. Improved representations of the trachea, esophagus and epiglottis are all realistically crafted into this dog bust. It also features an airway with working lungs. Because the head is attached to a table clamp with a pivot base, it can be easily manipulated.

Ref.no. VET4080
Details:







Louie K9 Tracheostomy Model

Often-time, in life-threatening upper airway obstruction, especially during tactical field care, performing tracheostomy is vital to the survival of K9s. Based on the numerous requests from our military and critical care customers, we are pleased to introduce our Louie Tracheostomy Model. Cricothyrotomy may also be performed on the model. Incisions can be made to the skin layers, the cricothyroid membrane and between the tracheal rings. Louie comes with three sets of replaceable tracheas and skins and one artificial lung. Incisions and sutures can be made on the skins and trachea. Additional tracheas and skins may be purchased separately. The model does not come with artificial blood.

Ref.no. VET4090
Details:



Canine Head Vascular Access Simulator

The Canine Head Vascular Access Simulator is designed for practice on jugular blood draws and catheter insertion on small animals. This model features proper head position for ideal procedural training as well as a simulated skin and vein that is much more realistic than latex. Both the skin and vein are available as replacements in order to give you as much training as you need without high cost. Interested in increasing the level of difficulty? The Canine Head Vascular Access Simulator comes with TWO Vein Cushions that hold the simulated jugular vein at different depths for the opportunity for additional challenge.

Ref.no. SRE0620
Details:







Bandage trainer canine paw

NEW PRODUCT

A dog's paw is stressed with every step and can be easily injured by broken glass, nails, thorns or other sharp objects. With our artificial canine paw you can practice the correct application of bandages. The paw can be used to simulate a sitting or lying position. Separate toes allow for the application of cotton.

- ✓ flexible joint
- ✓ sitting or lying position can be simulated
- ✓ separate toes
- ✓ Suction cups under the stand give a safe stand.

Ref.no. VET4590
Details:







K-9 Thoracentesis

Our carefully crafted canine Thoracentesis manikin will help practitioners in performing chest tube placements, and simulating emergency trauma by aspirating air and fluid from the thoracic cavity.

Convenient anatomical landmarks are placed at key points for ease of use and quick learning.

Ref.no. VET4045
Details:

Emily K9 Positioning Manikin

Properly positioning an animal is a skill that makes a better-rounded veterinarian. Emily is built exactly for this purpose. Students learn how to position dogs for abdominal surgery, x-ray, spay and neuter, advanced spinal stabilization, spinal recumbency and more. It has natural movements and offers resistance; allowing you to safely practice techniques before working on live animals. Fully articulated, Emily has shoulders and hip joints that rotate realistically, with 90° flexibility. Also with 90° range of motion are the knees, elbows, and carpal and hock joints. This product comes complete with carrying case, kneeling pad and brush.

Ref.no. VET4030
Details:



Leg is for illustrative purposes and is **not** included.



Veterinary Vascular Access Sleeve, animal (dog)





Train on venipuncture and vascular access skills in life-like scenarios with no harm to participants with the Veterinary Vascular Access Sleeve. Designed to fit most dogs, cats, and manikins, the sleeve is secured by the hook and loop tabs above and below Surgireal's simulated RealFlow tissue pad. Keeping safety as our top priority, all Vascular Access Sleeves are designed with puncture resistant material to make sure the needle won't make contact with your participant. Training applications include, but are not limited to: Needle Alignment and Vascular Access, Palpating the Vessel, and IV Placement. Included in your package is 1 Sleeve, 1 Attachable Simulated Tissue Pad, 1 Package of Artificial Blood Powder, and 1 IV Bag (1000mL). Build your skills in three steps: Sleeve attached to a manikin, Sleeve attached to stationary animal, Sleeve attached to a moving animal.

Ref.no. SRE0801
Details:

Leg is for illustrative purposes and is **not** included.



Small Laceration Repair Sleeve

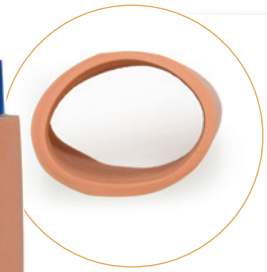




Train laceration repair and suturing on a live participant. Designed to fit most small animals and manikins, the sleeve is secured by the hook and loop tabs above and below SurgiReal's simulated RealLayer tissue pad. Possible applications include training on superficial suturing, ensuring knot security, and burying sutures. Keeping safety as our top priority, all Laceration Repair Sleeves are designed with puncture resistant material to make sure the needle won't make contact with your participant. Build your skills in three steps: Sleeve attached to manikin, Sleeve attached to stationary participant, Sleeve attached to participant mimicking real-life patient movement.

Ref.no. SRE0851
Details:







Cystocentesis Simulator

The Cystocentesis model simulates a small animal abdominal wall and bladder to provide a realistic platform to develop and refine skills without requiring a live animal. Able to be used in conjunction with an ultrasound, real-world practices can be fully implemented. Included in the package is one base, two bladders, and a skin "sleeve". The skin is designed to envelope the base so that students can practice multiple times by rotating it further around the base to expose an unused skin surface.

Ref.no. SRE0610
Details:



Canine i.v. leg

We are proud to introduce this fully functional canine i.v. leg trainer at an affordable price! The trainer represents the left foreleg of a medium-sized dog in the sternal recumbent position, and features two interchangeable sleeves – normal fur for routine blood draws, and a "shaved" area for i.v. catheter insertion. The replaceable vein system demonstrates actual blood flashback. Great for bandaging and restraint/assistance practice as well. The stable, self-supporting design lets students practice alone or as a team. Perfect for veterinary schools and vet tech programs. Includes a portable storage box with built-in i.v. pole, blood powder, syringe, i.v. catheter, and two fluid supply bags.

Ref.no. VET2560
Details:

BEST SELLER



Canine Leg Vascular Access Simulator

Train on venipuncture and vascular access skills with our Canine Leg Vascular Access Simulator. Made of high quality durable silicones, the Canine Leg is designed specifically for blood collection and catheter insertion of a 22 gauge or smaller. Our simulated cephalic vein is softer than typical latex tubing to enhance realism and effectiveness. This model gives students the ability to practice their vascular access techniques without the need for a partner or a live animal. Included with your Canine Leg Vascular Access Simulator is a 1000mL IV Bag, Artificial Blood Powder, and a Skin as well as instructions for set-up, maintenance, and use of the model.

Ref.no. SRE0600
Details:



BEST SELLER

Ref.no. VET4060
Details:



K-9 IV Trainer

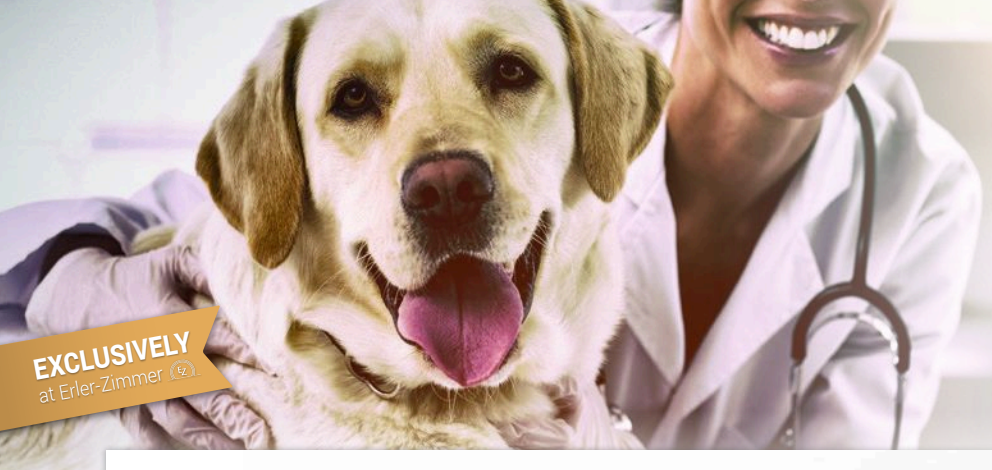
Specifically built to teach the drawing of blood and performing of injections, our Canine IV Trainer is the perfect pedagogical tool for this purpose. It is realistically sculpted as the hind limb of a dog. This simple product will help students become accustomed to these tactile procedures.

IM & SubK Injection Pad

Even animals have nerve cells to indicate pain or discomfort and having an injection administered by a skilled medical person makes a world of difference to a pet. Now you can practice and become more apt at injections with the improved SQ/IM Injection Pad. Practical experience may help burnish the clinical motor skills, but alas, it is providing better critical care to the injured animal that is, perhaps the ideal. This trainer features an even more realistic pad simulating canine skin and muscle tissue and comes in its own ABS case.

Ref.no. VET4070
Details:



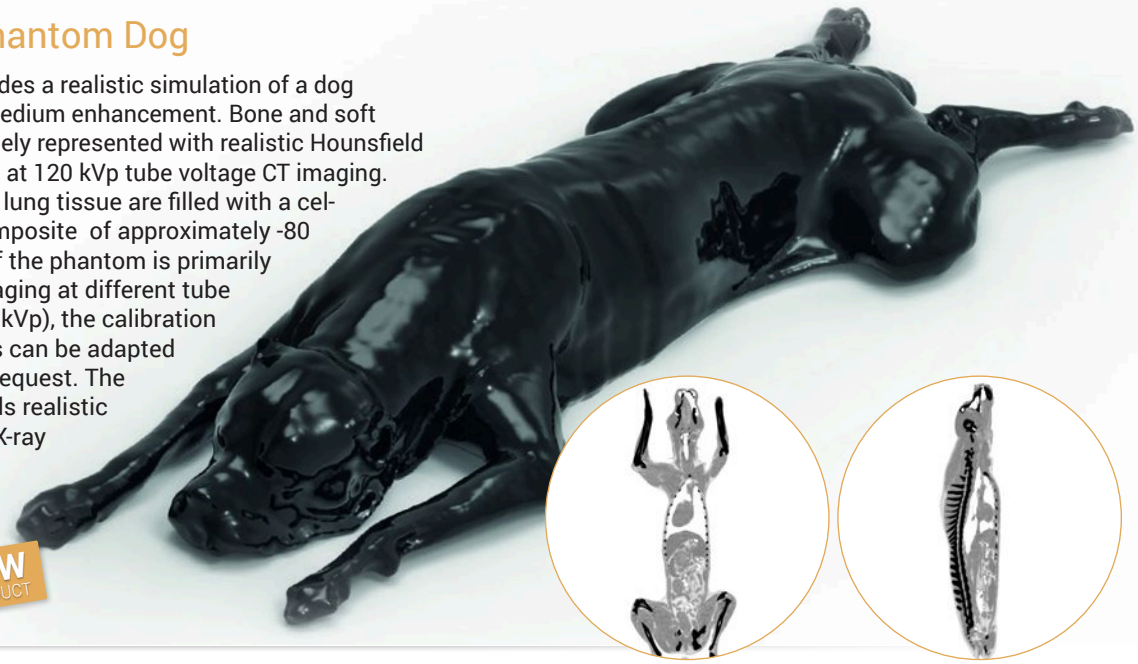


CT/X-Ray Phantom Dog

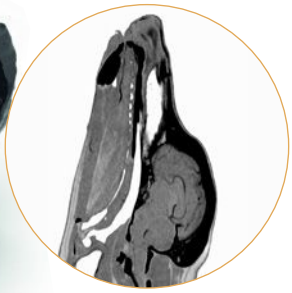
The phantom provides a realistic simulation of a dog without contrast medium enhancement. Bone and soft tissues are accurately represented with realistic Hounsfield units for all tissues at 120 kVp tube voltage CT imaging. Air voids including lung tissue are filled with a cellulose-polymer composite of approximately -80 Hounsfield units. If the phantom is primarily required for CT imaging at different tube voltages (e.g., 100 kVp), the calibration of Hounsfield units can be adapted accordingly upon request. The phantom also yields realistic tissue contrast in X-ray imaging.

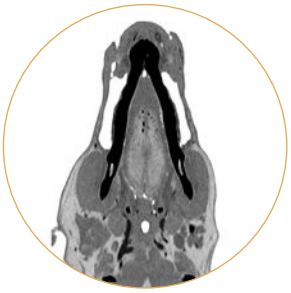
Ref.no. VET14000
Details:

NEW PRODUCT









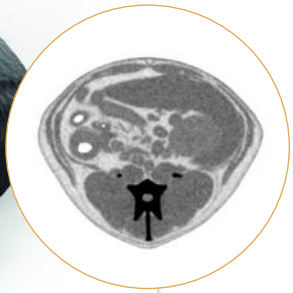
CT/X-Ray Phantom Dog Head

Ref.no. VET14010
Details:

NEW PRODUCT







CT/X-Ray Phantom Dog Pelvis

Ref.no. VET14030
Details:

NEW PRODUCT

CT/X-Ray Phantom Dog Abdomen

Ref.no. VET14020
Details:

NEW PRODUCT





Fluffy Feline CPR Manikin

The feline counterpart of Jerry, Fluffy has realistic working lungs and an artificial pulse. Students learn to perform feline compressions and mouth-to-snout resuscitation. It is also designed to splint and allow bandaging. Parts can be cleaned and are disposable. Accessories include a carrying case and 5 disposable lungs. Face shields are sold separately.

Ref.no. VET4100
Details:

Available spare parts for VET4100 + VET4110:

Replacement lungs, pack of 24pcs
Ref.no. VET4100A

Replacement lungs, pack of 72pcs
Ref.no. VET4100B

Critical Care Fluffy

Like its canine counterpart Critical Care Jerry, Critical Care Fluffy is a full-sized, realistic feline manikin. It has all the features present in Critical Care Jerry – trachea, esophagus, epiglottis, tongue, articulated jaw and working lungs. Designed for CPR, veterinarians can perform different techniques in resuscitation on the cat. Moreover, one can also practice cat restraint, bandaging, and venipuncture (there are several vein practice sites.) Critical Care Fluffy accessories include a carrying case, artificial training blood, IV reservoir, IV holder, 5 disposable lungs, endotracheal tube and syringe.

Ref.no. VET4110
Details:





Mimicky Mouse

Experimental procedure Simulator.

- ✓ Handling
- ✓ Restraint
- ✓ Physical assessment
- ✓ Oral administration
- ✓ Intravenous administration

Ref.no. VET4220
Details:

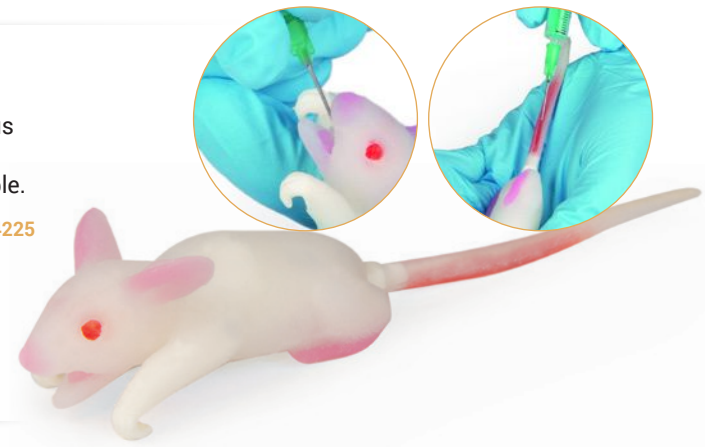


Simulation model mouse

This unique replica of a mouse allows simulation of various scenarios. The mouse has landmarks such as skull, tibia, sternum and hip bones. The forelimbs are narrowly movable. The following scenarios can be simulated:

- ✓ Fixing / Holding
- ✓ Injection into the tail vein
- ✓ Blood withdrawal from the tail vein
- ✓ Oral administration
- ✓ subcutaneous injection - dorsal and ventral

Ref.no. VET4225
Details:





Mimolette Lab Rat

Mimolette Lab Rat manikin was created with these key features to end hopefully the practice of using live rats for training: Endotracheal intubation, Cardiac puncture, Blood collection from the saphenous vein. The laboratory rat has been used very widely in experiments. Following our ethos regarding humane science, Mimolette is one of our proudest creations to date. Mimolette comes complete with her own carrying case, lungs, heart, veins, artificial blood and IV accessories. **IV Access Tail:** An option for a detachable and disposable tail for the capability of IV access at the caudal vein site is available for Mimolette.

Ref.no. VET4200
Details:

Natsume Rat

We hope to contribute to a reduction in the number of experimental animals used, and Natsume Rat is used as an alternative to animal experiments in medical, pharmaceutical, and veterinary education and the education for sophisticating animal experiment techniques. Skills that can be practiced:

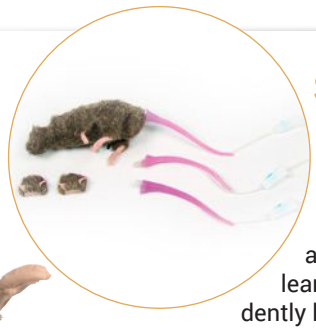


- ✓ Retention / Holding
- ✓ Oral administration
- ✓ Endotracheal intubation
- ✓ Tail vein injection
- ✓ Blood collection through tail vein

Ref.no. VET4230
Details:

NEW PRODUCT





Squeekums

The Squeekums Rat manikin allows students, lab technicians, and handlers to learn how to confidently handle and safely manage lab rodents. The tail of this amazing rodent model can be conveniently detached and disposed of, while also having the capability of IV access at the caudal vein site. Tiny replaceable ears help students learn ear tagging procedures. The model is fully articulated and extremely realistic. Head, feet, and limbs move in a natural manner. Squeekums comes with its own protective case, IV accessories, artificial blood, and instructions.

Ref.no. VET4210
Details:

Replacement Tail
Ref.no. VET4210A

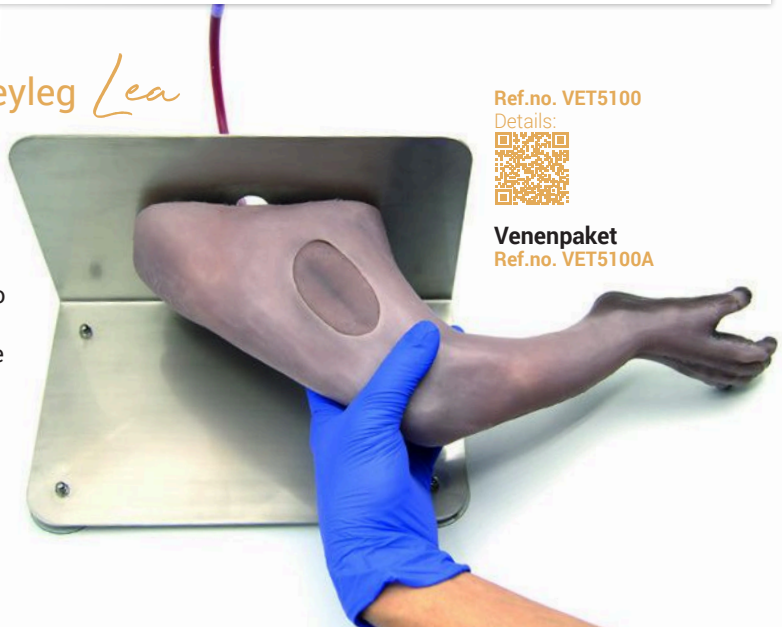
Replacement Ears
Ref.no. VET4210B

Monkeyleg *Lea*

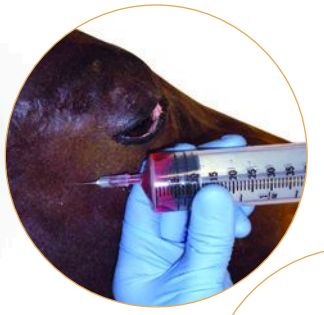
Enables the training of invasive injection skills in adult rhesus monkeys. The integrated hip joint enables the handling and fixation of the thigh to be simulated. Blood withdrawals and injections at the femoral vein can be performed on the inside of the thigh in a lifelike manner. It is also possible to apply venous catheters to the skin-like venous module. In addition, the course of the saphenous vein on the lower leg is visualized in the compressed state. With the solid holder, "Lea" is suitable for mobile use. The vein module can be removed if necessary and exchanged in a few simple steps. **"Lea" includes:** Monkey leg, 3 x V. femoralis, Blood reservoir.

Ref.no. VET5100
Details:

Venenpaket
Ref.no. VET5100A











Equine Vascular Access Simulator

Designed by veterinary surgeon educators using innovative technologies, the vascular access simulator is engineered to provide the most anatomically correct and realistic simulated venipuncture training experience available. The vascular access simulator delivers excellence in veterinary training. This product, modeled after a 1 year-old quarter horse (brown), is designed to advance a specific set of educational goals for the following venipuncture procedures:

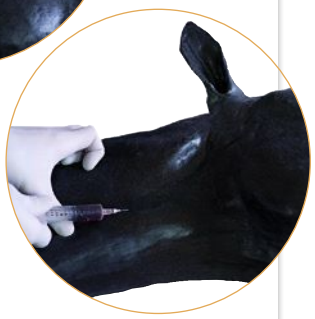
- ✓ Blood draw from jugular
- ✓ Jugular catheter insertion
- ✓ Blood draw from deep facial artery
- ✓ Blood draw from transverse facial vein
- ✓ Transverse facial artery catheter insertion

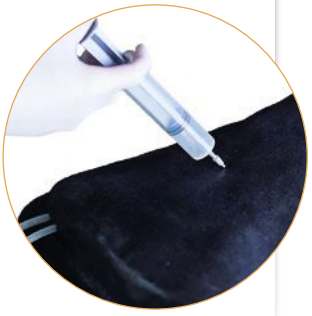
Repetitive use of this product will help students develop the skills and confidence necessary for vascular access before their first live animal experience. Ships with initial supply of artificial blood powder and 1000ml IV bag.

Ref.no. SRE0650
Details:









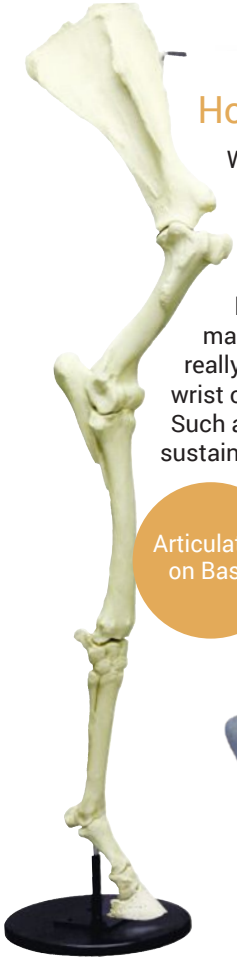
Advanced Equine Simulator

The Advanced Equine Simulator (in black) is the leading and most comprehensive equine simulator available. It has been designed to advance a comprehensive set of educational goals for the following procedures:

- ✓ Intramuscular Injections
- ✓ Nasolacrimal Duct Flush
- ✓ Placement of Subpalpebral Lavage System
- ✓ Eye Nerve Blocks – Auriculopalpebral Nerve & Supraorbital Nerve
- ✓ Teeth Nerve Blocks - Mental Nerve, Maxillary Nerve & Infraorbital Nerve
- ✓ Blood draw from jugular
- ✓ Jugular catheter insertion
- ✓ Blood draw from deep facial artery
- ✓ Blood draw from transverse facial vein
- ✓ Transverse facial artery catheter insertion

Repetitive use of this product will help students develop the procedural skills and confidence necessary before their first live animal experience. Ships with initial supply of artificial blood powder and 1000ml IV bag. Designed by equine surgeon educators using innovative technologies, The Advanced Equine Simulator is engineered to provide the most anatomically correct and realistic simulated equine training experience available. The Advanced Equine Simulator delivers excellence in veterinary training.

Ref.no. SRE0651
Details:

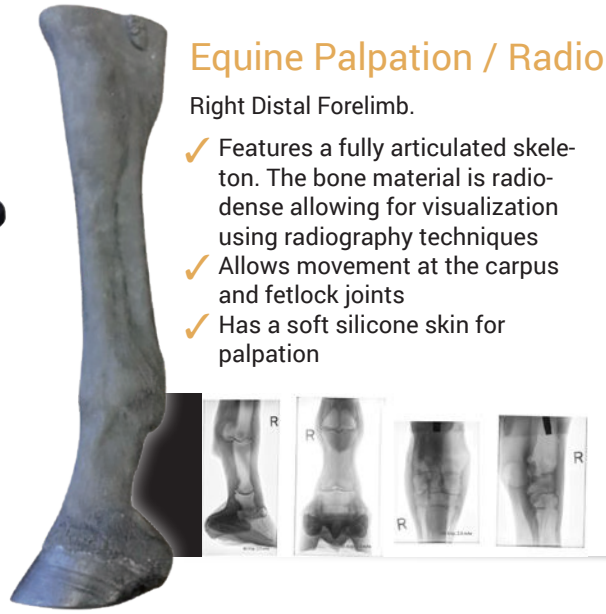


Horse Front Leg with Scapula

We include the scapula, humerus, forearm (fused radius and ulna), cannon bone and foot. The foot consists of the long pastern bone (or first phalanx), the short pastern bone (or second phalanx) and the coffin bone (or third phalanx). The coffin bone is enclosed by the hoof. The horse is an unguligrade mammal. Such mammals walk on from four to only one digit (the horse's foot is really a single digit). The equivalent of the wrist or ankle joint is high above the ground. Such adaptations result in the ability to sustain high speeds.

Ref.no. VET4370
Details:

Articulated on Base



Equine Palpation / Radiology Limb

Right Distal Forelimb.

- ✓ Features a fully articulated skeleton. The bone material is radiodense allowing for visualization using radiography techniques
- ✓ Allows movement at the carpus and fetlock joints
- ✓ Has a soft silicone skin for palpation

Features:

- ✓ The full superficial and deep flexor tendon unit which can be felt towards its insertion
- ✓ Palpation of the suspensory apparatus
- ✓ Palpable landmarks of the pastern joint
- ✓ Palpable joints including the intercarpal, radiocarpal, fetlock and coffin joints
- ✓ Includes stand for clamping to a table.

Ref.no. VET4550
Details:



Ref.no. VET4360
Details:

Horse foot, flexible

The foot consists of the long pastern bone (or first phalanx), the short pastern bone (or second phalanx) and the coffin bone (or third phalanx). The coffin bone is normally enclosed by the hoof (not included). Not shown are Ligaments, tendons, cushions and cartilage that contribute to the complicated structure of the horse's foot.



BEST SELLER

Horse Skull

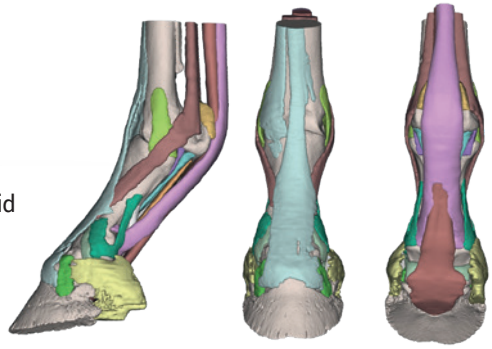
The large and slender horse skull has long, broad, tapering nasals. At the front of the mouth are large incisors, designed for cropping grass. At the back of the mouth are six large, squared molars on either side of the maxilla and the mandible. The area between the incisors and the molars is called the bar. In that space sits a canine tooth (not present in all horses). The eyes sit back far on the head, typical of grazing animals. The braincase is small. The original male specimen of this cast was a large retired police horse. 2-part skull (separate cranium & jaw).

Ref.no. VET4350
Details:

The foot of a horse as model

Derived from CT and MR co-registered data, anatomically accurate and lifesize. 3D printed in full color, each anatomical component is individually colored. Hoof capsule is available separately and anchors the distal limb in the stance position.
The series consists of four models: starting from Model 1 showing the full anatomy of the foot and comprised of 25 anatomical structures to step-by-step reduced models showing deeper structures.

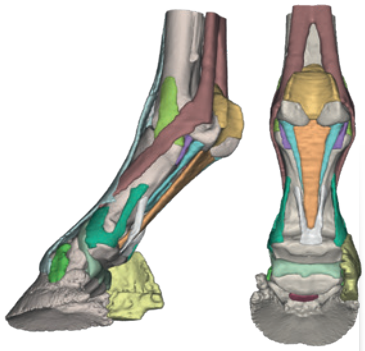




Modell 1

Structures: Third metacarpal bone; Proximal sesamoid bones; Proximal phalanx; Middle phalanx; Distal phalanx; Distal sesamoid bone ; Ungular cartilages; Collateral lig. of the metacarpophalangeal joint; Collateral lig. of the proximal interphalangeal joint and the abaxial palmar lig. of the foot; Collateral lig. of the distal interphalangeal joint; Collateral lig. of the distal sesamoid (navicular) bone; Distal sesamoidean impar lig.; Proximal scutum and intersesamoidean lig.; Cruciate sesamoidean lig.; Short sesamoidean lig.; Oblique sesamoidean lig.; Straight sesamoidean lig.; Axial palmar lig. of the foot; Suspensory lig.and extensor branches; Deep digital flexor tendon; Superficial digital flexor tendon; Common digital extensor tendon.

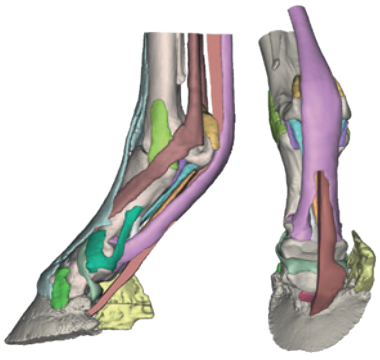
Ref.no. VET4400
Details:



Modell 2

As Model 1, however, this model shows the proximal sesamoidean ligaments, impar ligament and the collateral ligaments of the distal sesamoid (navicular) bone.

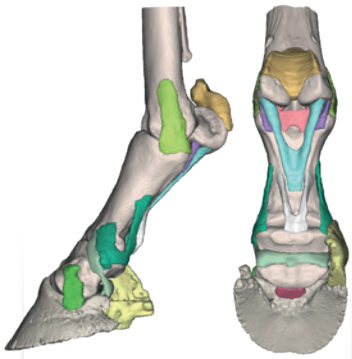
Ref.no. VET4410
Details:



Modell 3

Similar to Model 1, but this model, with the deep digital flexor tendon sectioned, shows the tendon's relationship to the distal sesamoid bone and the impar ligament. One ungular cartilage is absent to show the collaterals ligaments of the distal sesamoid bone.

Ref.no. VET4420
Details:



Modell 4

This model, stripped of tendons and the suspensory ligament, shows the bones of the foot and their deep supporting ligaments.

Ref.no. VET4430
Details:



Hoof Capsule

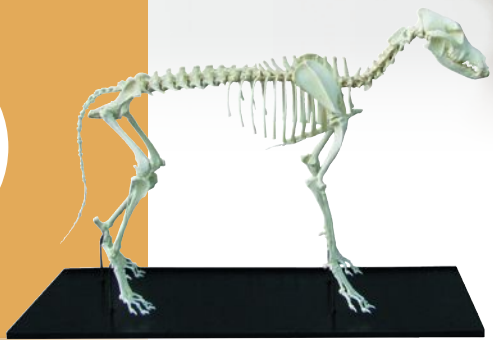
The corresponding hoof capsule is separate and anchors the distal limb in the stance position.

Ref.no. VET4400-1
Details:

REAL ANIMAL BONES

Our animal bone specimens are made by well-known taxidermists in Germany, following all animal protection and hygienic laws. We do not sell cheap and ethically dubious specimens from Eastern Europe or China.

Other natural animal specimens can be supplied on request.





Dog skeleton

Assembled, small size dog
Ref.no. VET3030
Details:

Unassembled, small size dog
Ref.no. VET3000
Details:

Assembled, middle size dog
Ref.no. VET3040
Details:

Unassembled, middle size dog
Ref.no. VET3010
Details:

Assembled, big size dog
Ref.no. VET3050
Details:

Unassembled, big size dog
Ref.no. VET3020
Details:



Cat skeleton

Assembled
Ref.no. VET3060
Details:

Unassembled
Ref.no. VET3070
Details:





Dog Skull, big size (Canis familiaris, replica)

High quality skull reproduction. Skull length appr. 21.5 cm.

Ref.no. VET3085
Details:



Cat Skull (Felis catus, replica)

Replica of a cat skull (Felis catus). Length: appr. 9.7 cm.

Ref.no. VET3090
Details:

Skull, Domestic dog, German shepherd (Canis familiaris)

High quality skull reproduction.
Skull length appr. 25 cm.

Ref.no. VET2015
Details:

2 parts: Lower jaw removable



Skull of Domestic dog, boxer (Canis familiaris)

High quality skull reproduction.
Skull length appr. 18 cm

Ref.no. VET2010
Details:

2 parts: Lower jaw removable



Skull, Domestic dog, great dane (Canis familiaris)

High quality skull reproduction.
Skull length appr. 26 cm.

Ref.no. VET2020
Details:

2 parts: Lower jaw removable



Skull, Wolf (Canis lupus), Alaskan Wolf

High quality skull reproduction.
Skull length appr. 28.5 cm.

Ref.no. VET2025
Details:

2 parts: Lower jaw removable



Skull, Horse (Equus caballus)

High quality skull reproduction.
Skull length appr. 54 cm.

Ref.no. VET2050
Details:

2 parts: Lower jaw removable

BEST SELLER



Skull, wild cat (Felis silvestris)

High quality skull reproduction.
Skull length appr. 9.7 cm.

Ref.no. VET2060
Details:

2 parts: Lower jaw removable



Skull domestic pig (Sus scrofa domesticus)

High quality skull reproduction.
Skull length appr. 36 cm.

Ref.no. VET2035
Details:

2 parts: Lower jaw removable



Skull domestic cattle without horn (Bos taurus)

High quality skull-reproduction.
Skull length appr. 54 cm.

Ref.no. VET2045
Details:

2 parts: Lower jaw removable



Skull, domestic sheep, female (Ovis aries)

High quality skull reproduction.
Skull length appr. 23 cm.

Ref.no. VET2030
Details:

2 parts: Lower jaw removable





Skull and horn Merino sheep ram (Ovis aries)

High quality skull reproduction.
Skull length appr. 29 cm, Horn width appr. 60 cm, individual horns 97 cm and 98 cm long. Horns supplied loosely.

Ref.no. VET2040
Details:

4 parts: Lower jaw removable





Skull, domestic goose (Anser spec.)

High quality skull reproduction.
Skull length appr. 23 cm.

Ref.no. VET2065
Details:

2 parts: Lower jaw removable





Skull, Raven (Corvus corax)

High quality skull reproduction.
Skull length appr. 12 cm.

Ref.no. VET2055
Details:

2 parts: Lower jaw removable





Skull Hedgehog (Erinaceus europaeus)

High quality skull reproduction.
Skull length appr. 5.3 cm.

Ref.no. VET2075
Details:

2 parts: Lower jaw removable





Skull, Turkey (Meleagris gallopavo)

High quality skull reproduction.
Skull length appr. 11 cm.

Ref.no. VET2070
Details:



Skull, Bat (Chiroptera sp.)

High quality skull reproduction.
Skull length appr. 1.5 cm.

Ref.no. VET2085
Details:



Skull, turtoise (Testudo sp.)

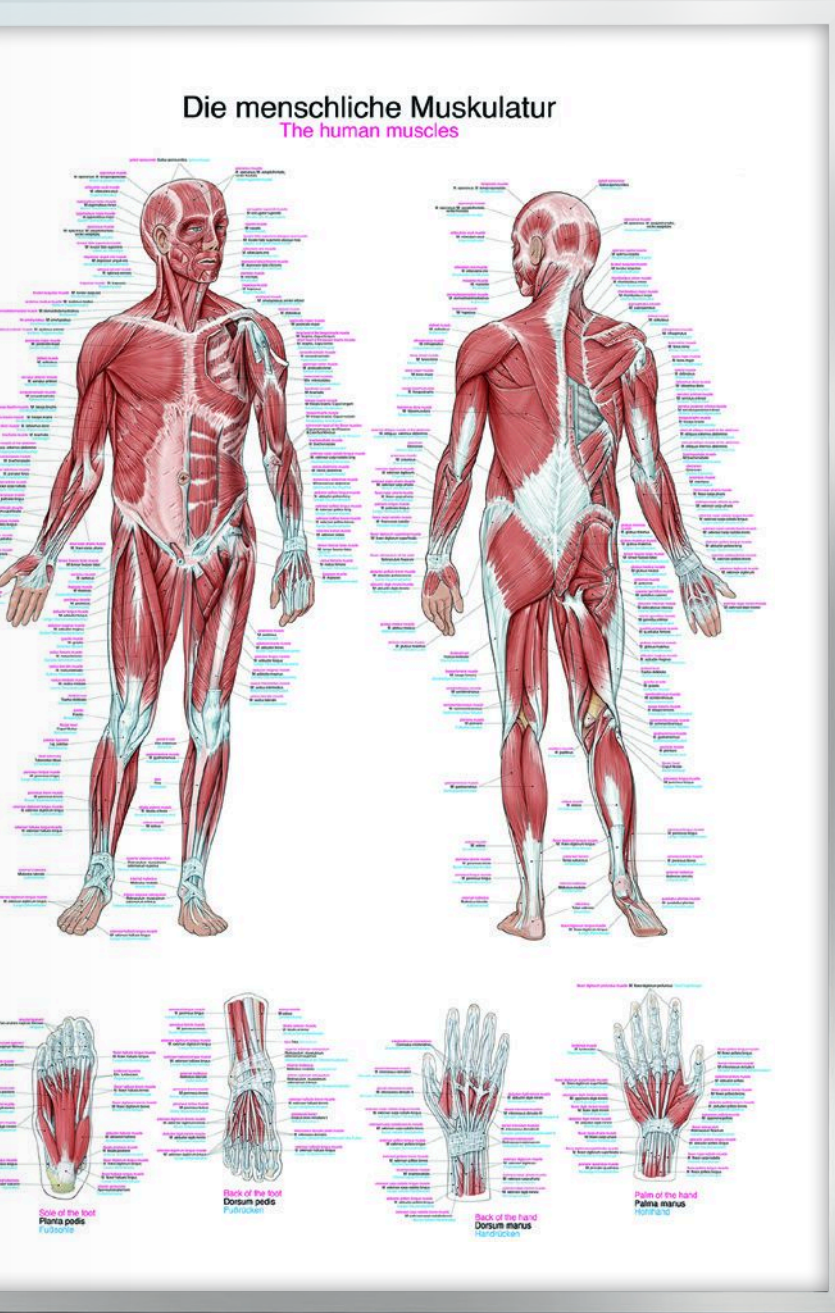
High quality skull reproduction.
Skull length appr. 4.5 cm.

Ref.no. VET2080
Details:



ERLER ZIMMER

Anatomical Charts



ANATOMICAL CHARTS

The Erler-Zimmer charts make anatomy clear and understandable for everyone. The graphics have the medical and graphic level of an anatomy atlas and also offer the opportunity to learn the medical terms in German, Latin and English.

But the medical charts are not only a first class learning aid, as a decorative object they also visually enhance any practice, clinic or doctor's room. Whether as inexpensive paper charts in 50x70cm or as a high-quality plastic version with fixed metal edging and in the premium format 70x100cm, Erler-Zimmer Charts are always the best choice.

EXCLUSIVELY
at Erler-Zimmer

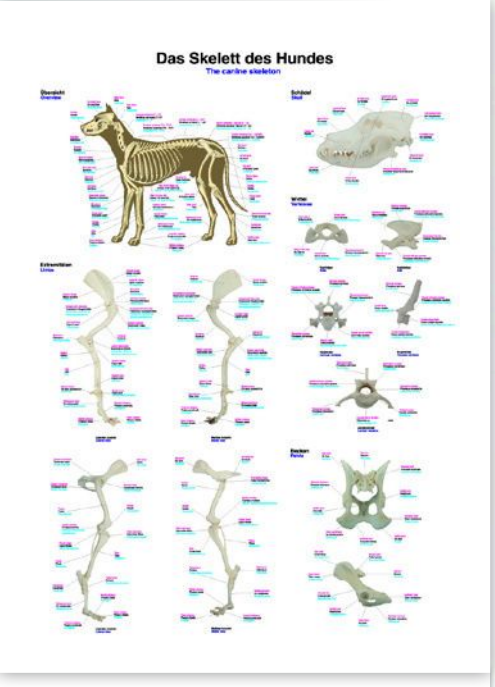


50 x 70 cm

Material:
Art paper, with rods and hanger.

70 x 100 cm

Material:
Plastic, with metal edging and hanger.

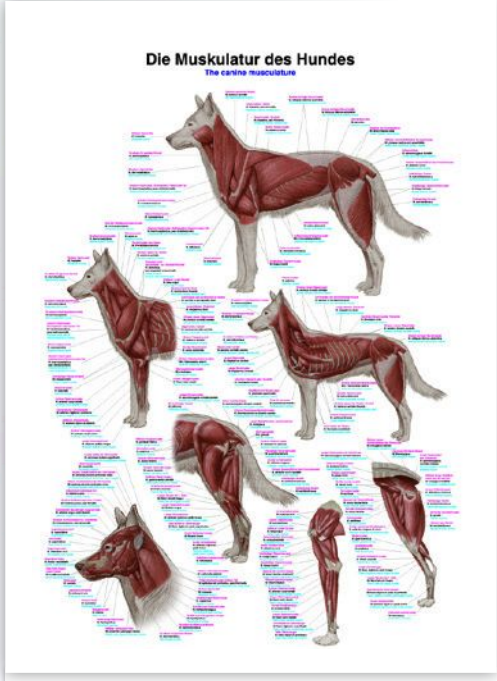


The canine skeleton

Anatomical chart in German, Latin, English.

70 x 100 cm
Ref.no. VL100
Details:

50 x 70 cm
Ref.no. VL600
Details:

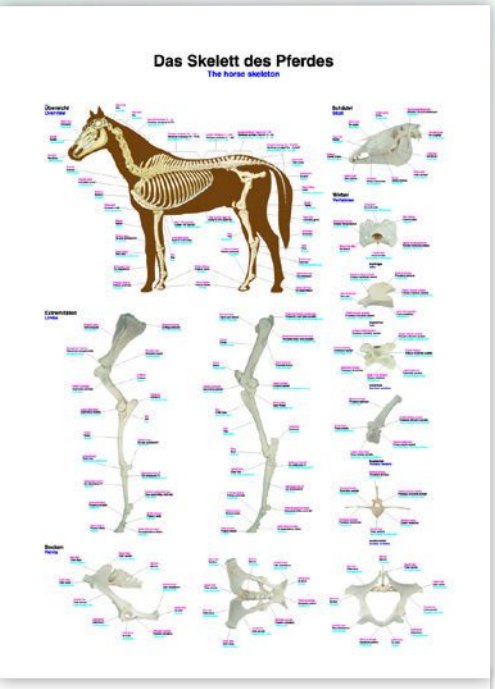


The canine musculature

Anatomical chart in German, Latin, English.

70 x 100 cm
Ref.no. VL110
Details:

50 x 70 cm
Ref.no. VL610
Details:

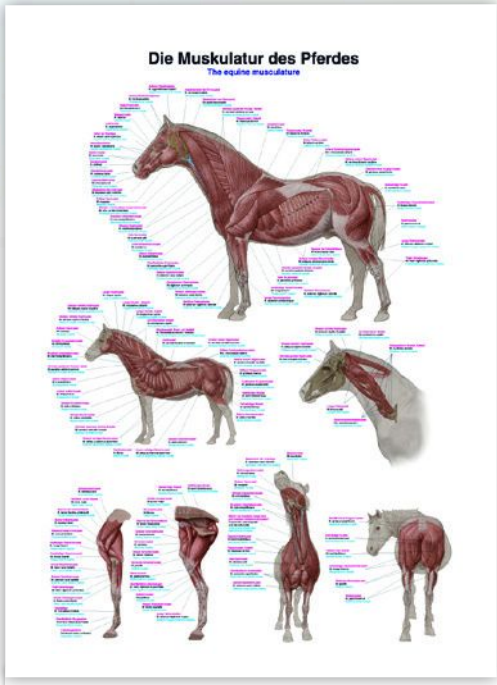


The equine skeleton

Anatomical chart in German, Latin, English.

70 x 100 cm
Ref.no. VL200
Details:

50 x 70 cm
Ref.no. VL700
Details:

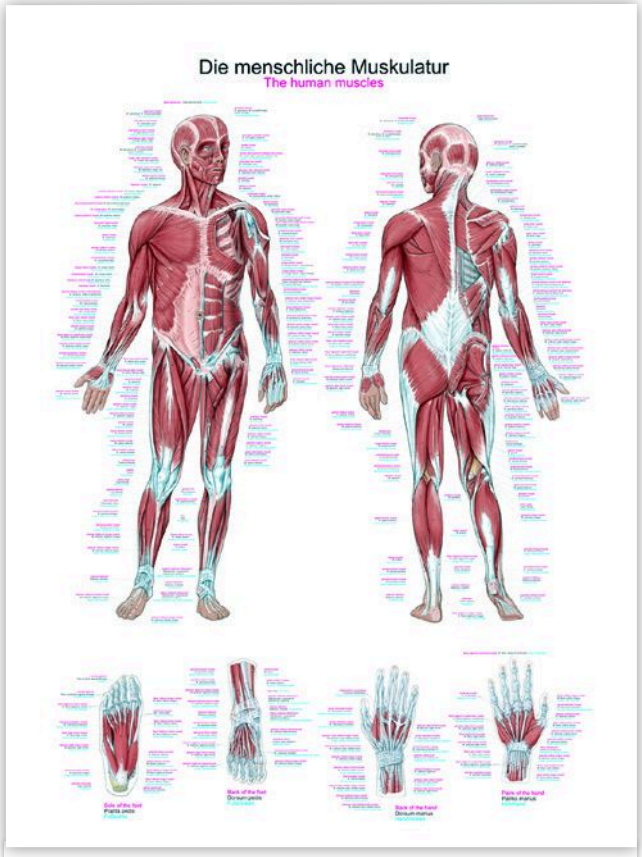


The equine musculature

Anatomical chart in German, Latin, English.

70 x 100 cm
Ref.no. VL210
Details:

50 x 70 cm
Ref.no. VL710
Details:



The human skeleton

Anatomical chart in German, Latin, English.
70 x 100 cm
Ref.no. AL100
Details:

50 x 70 cm
Ref.no. AL500
Details:

Anatomical chart in English, Latin.
50 x 70 cm. **Ref.no. AL600**

Anatomical chart in French, Latin.
50 x 70 cm. **Ref.no. AL700**

Anatomical chart in Spanish, Latin.
50 x 70 cm. **Ref.no. AL800**

The human muscles

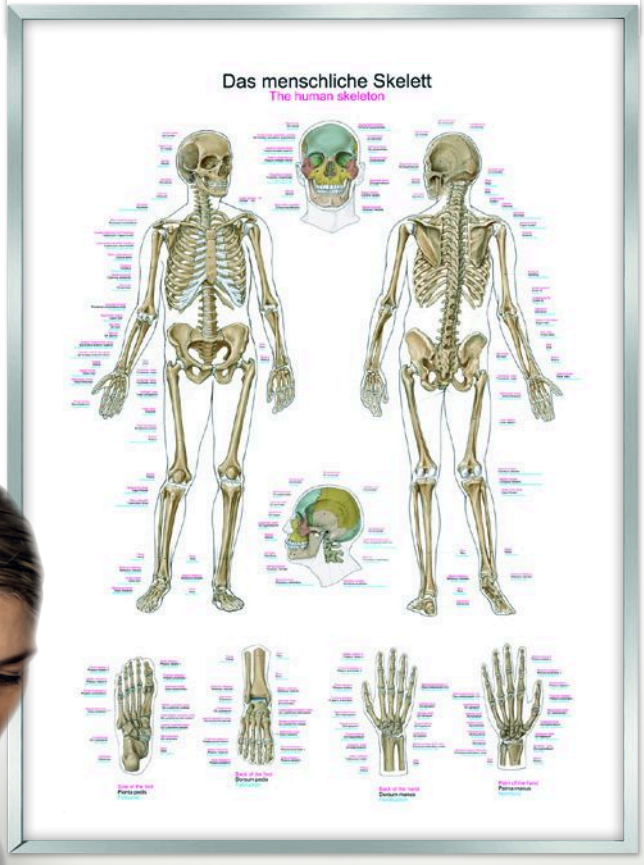
Anatomical chart in German, Latin, English.
70 x 100 cm
Ref.no. AL102
Details:

50 x 70 cm
Ref.no. AL502
Details:

Anatomical chart in English, Latin.
50 x 70 cm. **Ref.no. AL602**

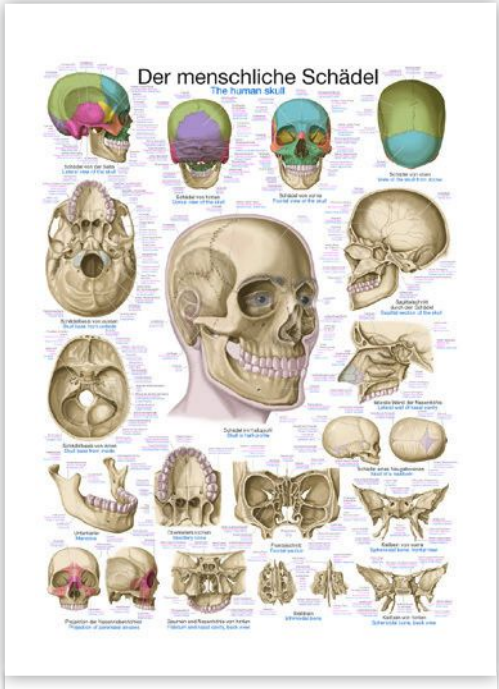
Anatomical chart in French, Latin.
50 x 70 cm. **Ref.no. AL702**

Anatomical chart in Spanish, Latin.
50 x 70 cm. **Ref.no. AL802**



▼ Delivery without frame!
50 x 70 = Art paper, with rods and hanger.
70 x 100 = Plastic, with metal edging and hanger.



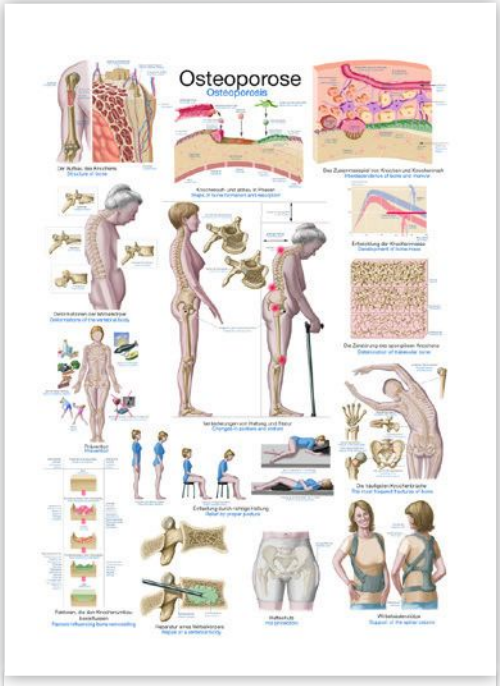


The human skull

Anatomical chart in German, Latin, English.

70 x 100 cm
Ref.no. AL103
Details:

50 x 70 cm
Ref.no. AL503
Details:

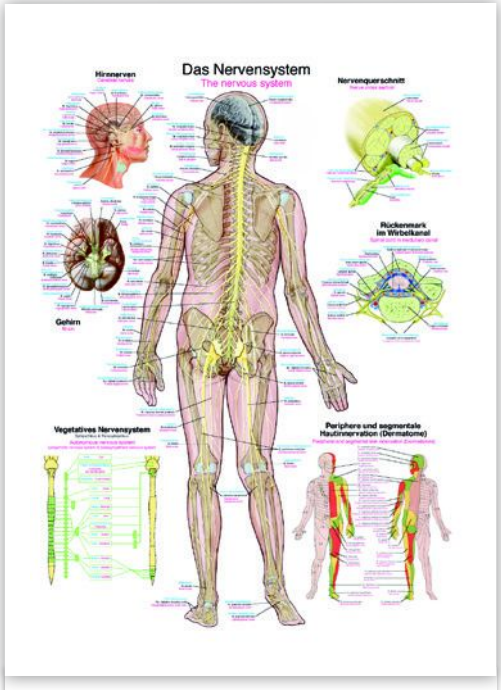


Osteoporosis

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL104
Details:

50 x 70 cm
Ref.no. AL504
Details:

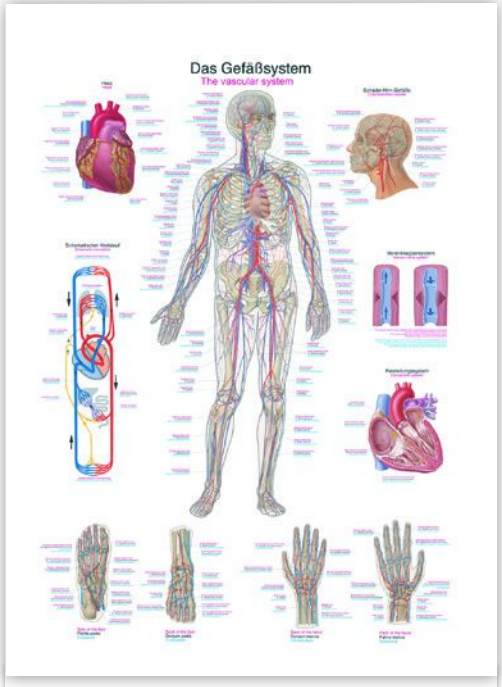


The nervous system

Anatomical chart in German, Latin, English.

70 x 100 cm
Ref.no. AL105
Details:

50 x 70 cm
Ref.no. AL505
Details:

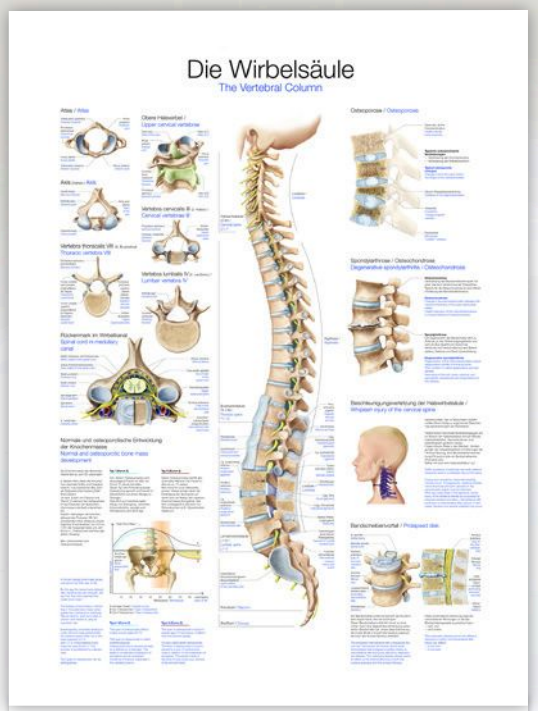


The vascular system

Anatomical chart in German, Latin, English.

70 x 100 cm
Ref.no. AL106
Details:

50 x 70 cm
Ref.no. AL506
Details:

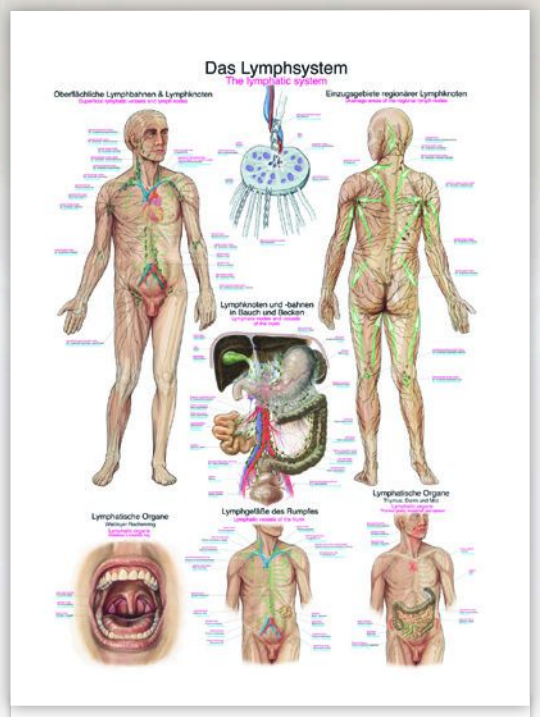


The vertebral column

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL107
Details:

50 x 70 cm
Ref.no. AL507
Details:

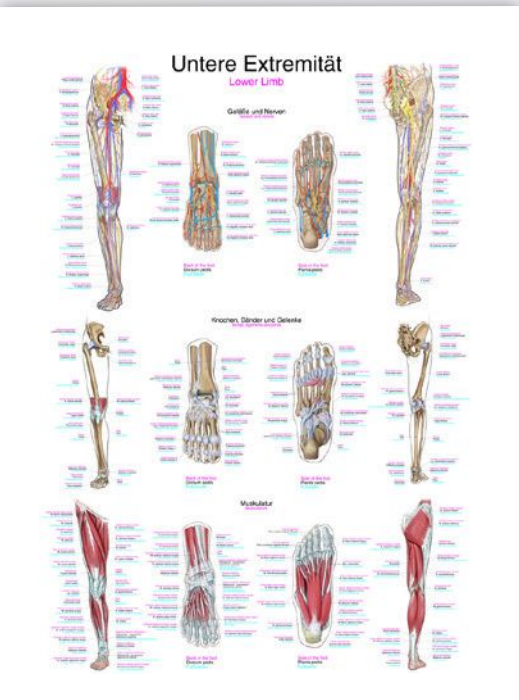


The lymphatic system

Anatomical chart in German, Latin, English.

70 x 100 cm
Ref.no. AL109
Details:

50 x 70 cm
Ref.no. AL509
Details:

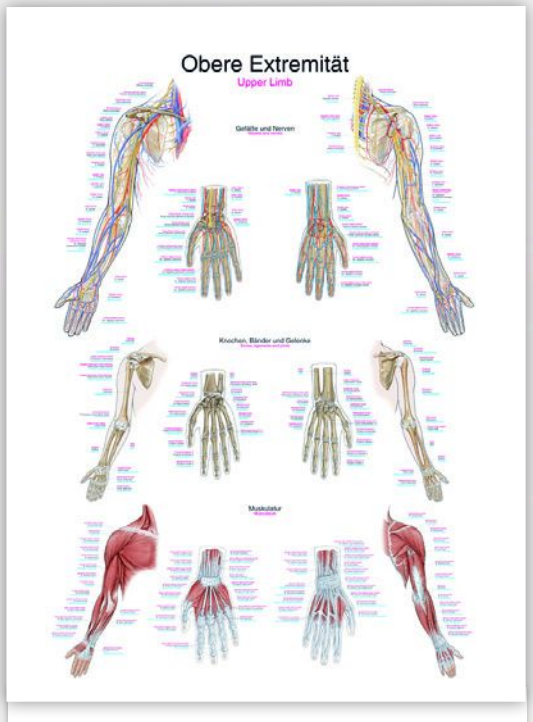


Lower Limb

Anatomical chart in German, Latin, English.

70 x 100 cm
Ref.no. AL108
Details:

50 x 70 cm
Ref.no. AL508
Details:

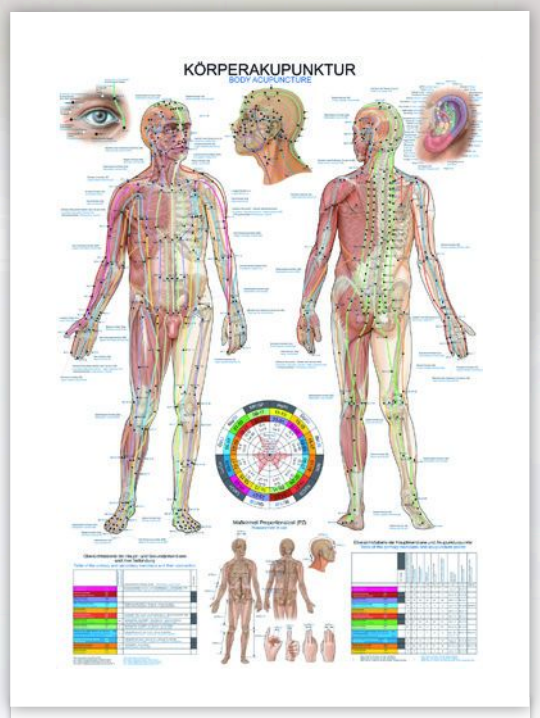


Upper Limb

Anatomical chart in German, Latin, English.

70 x 100 cm
Ref.no. AL113
Details:

50 x 70 cm
Ref.no. AL513
Details:

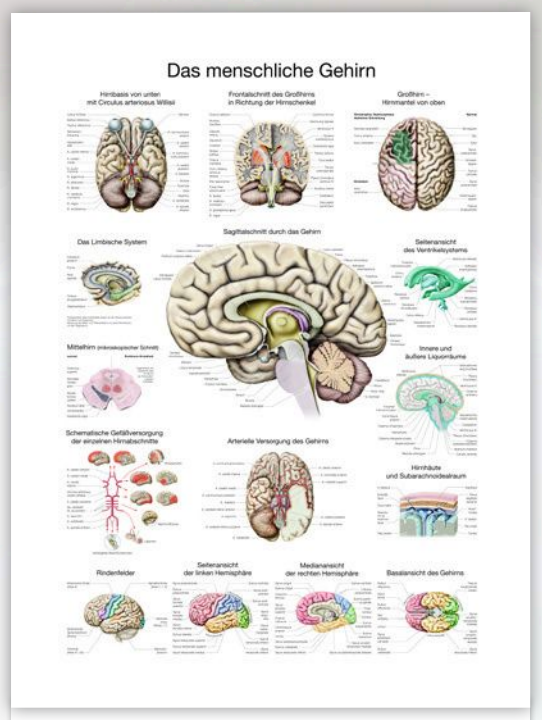


Body acupuncture

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL110
Details:

50 x 70 cm
Ref.no. AL510
Details:

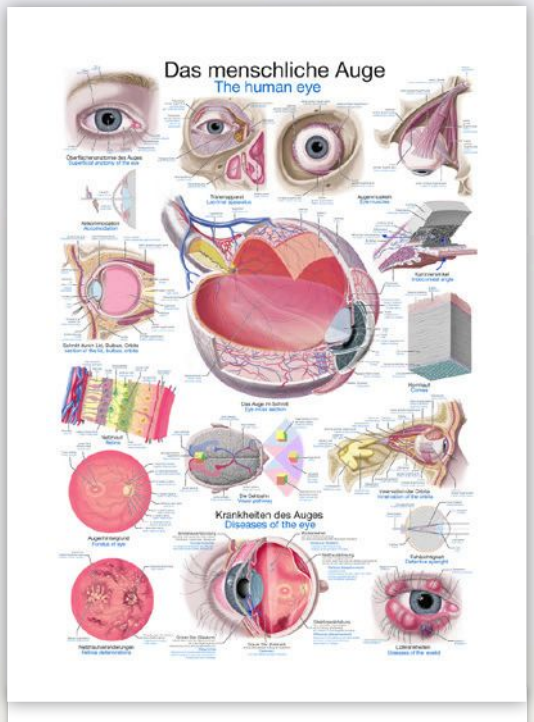


The human brain

Anatomical chart in English.

70 x 100 cm
Ref.no. AL114E
Details:

50 x 70 cm
Ref.no. AL514E
Details:

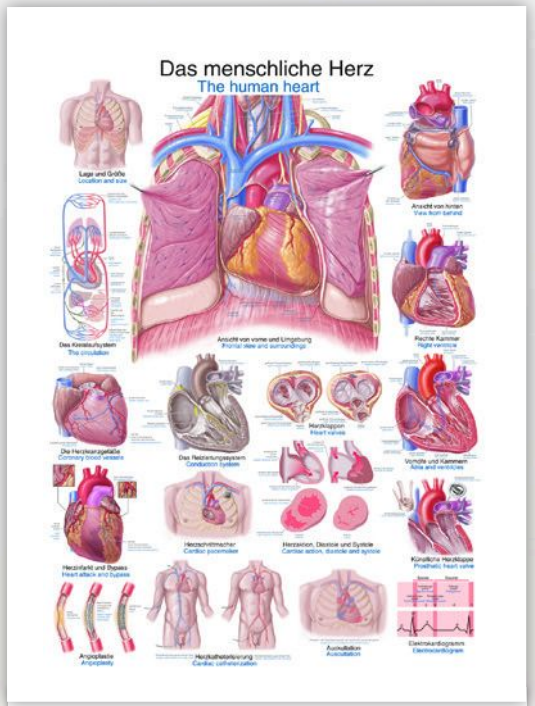


The human eye

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL111
Details:

50 x 70 cm
Ref.no. AL511
Details:

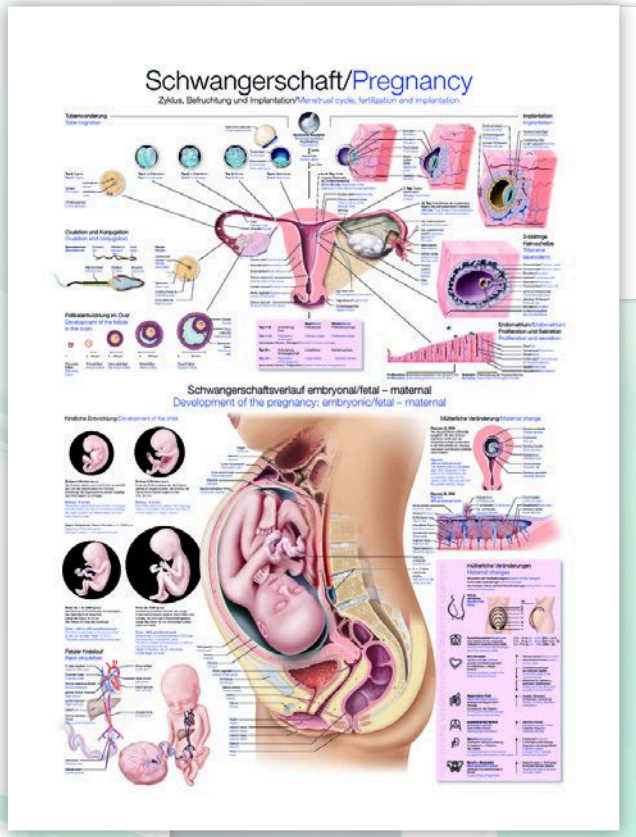


The human heart

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL112
Details:

50 x 70 cm
Ref.no. AL512
Details:

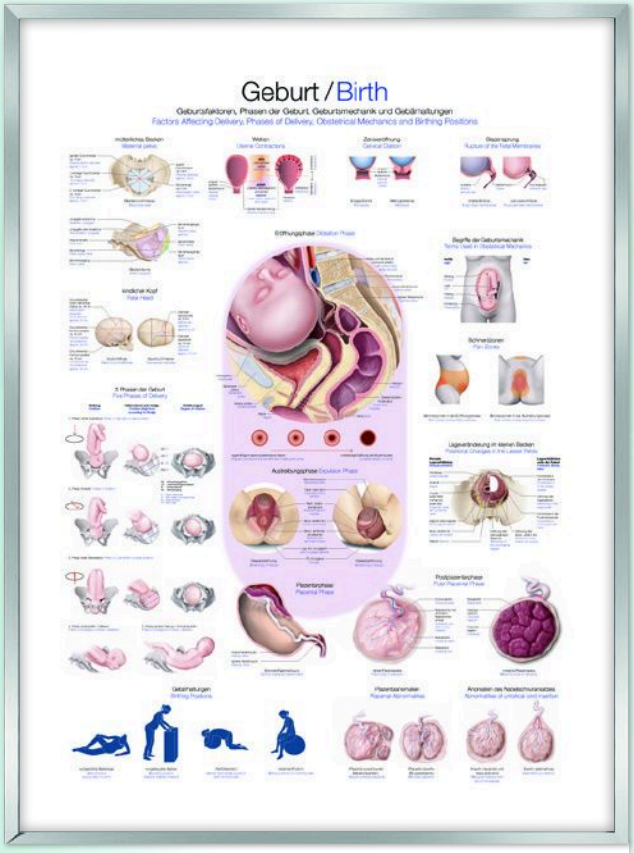


Pregnancy

Anatomical chart in German, Latin, English.

70 x 100 cm
Ref.no. AL118
Details:

50 x 70 cm
Ref.no. AL518
Details:



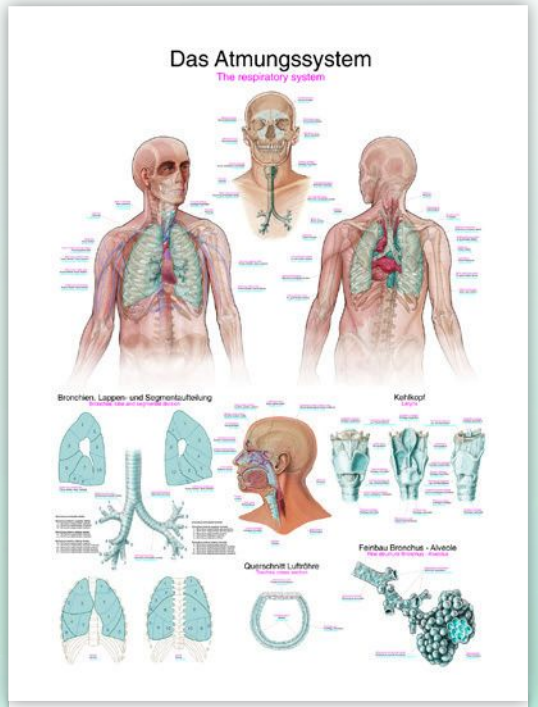
Birth

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL119
Details:

50 x 70 cm
Ref.no. AL519
Details:

▼ Delivery without frame!
50 x 70 = Art paper, with rods and hanger.
70 x 100 = Plastic, with metal edging and hanger.

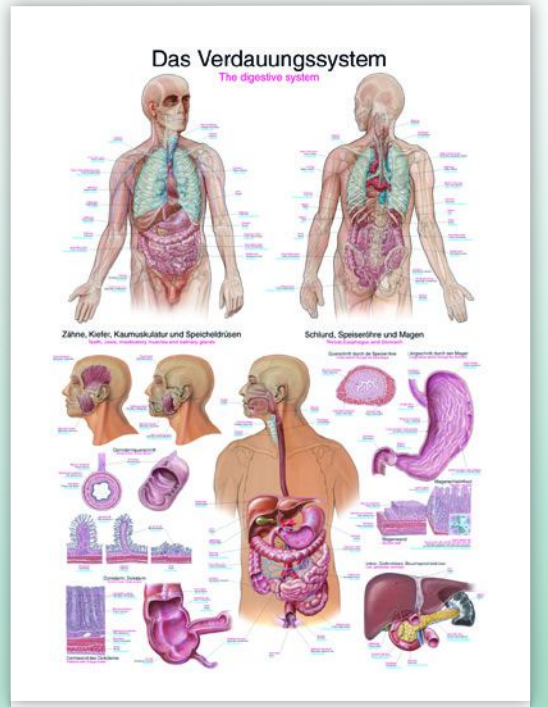


The respiratory system

Anatomical chart in German, Latin, English.

70 x 100 cm
Ref.no. AL116
Details:

50 x 70 cm
Ref.no. AL516
Details:

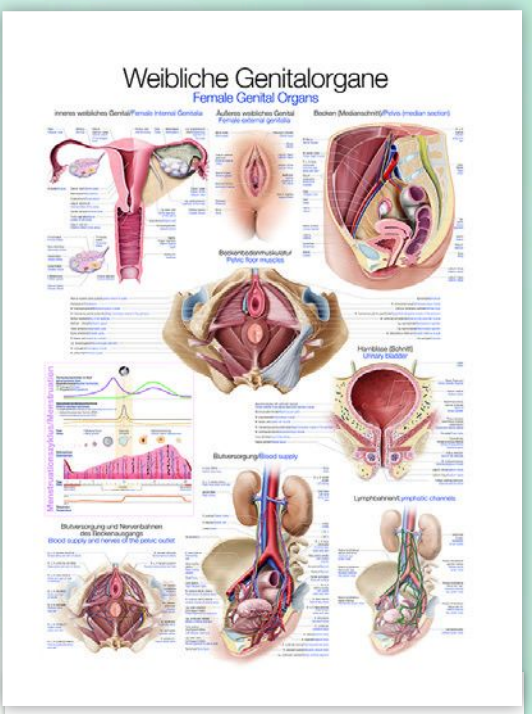


The digestive system

Anatomical chart in German, Latin, English.

70 x 100 cm
Ref.no. AL117
Details:

50 x 70 cm
Ref.no. AL517
Details:

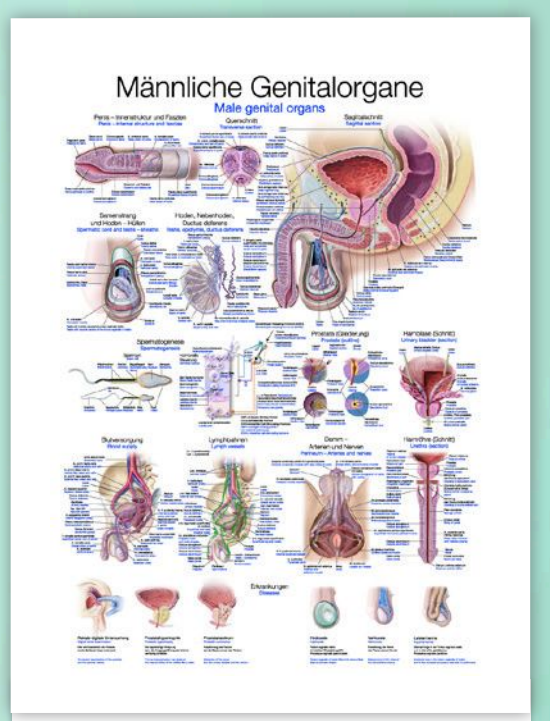


Female genital organs

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL124
Details:

50 x 70 cm
Ref.no. AL524
Details:

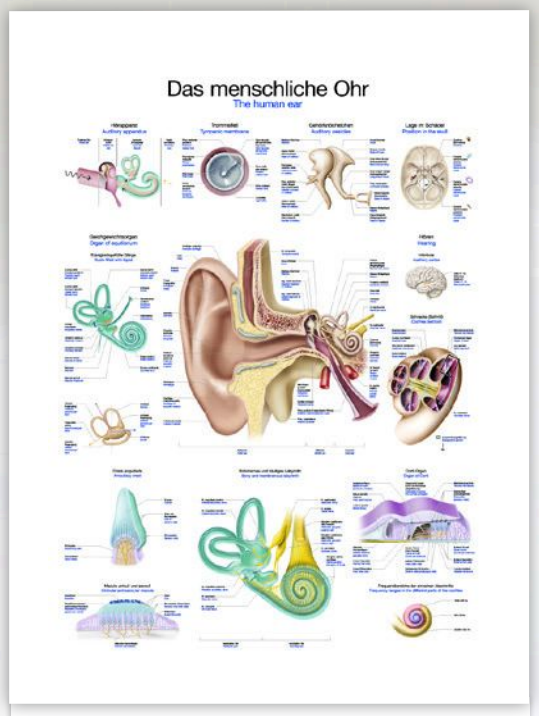


Male genital organs

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL123
Details:

50 x 70 cm
Ref.no. AL523
Details:

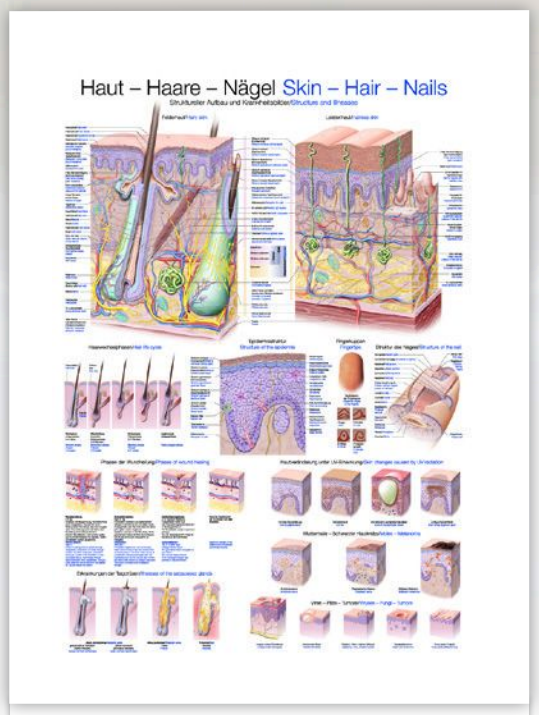


The human ear

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL120
Details:

50 x 70 cm
Ref.no. AL520
Details:

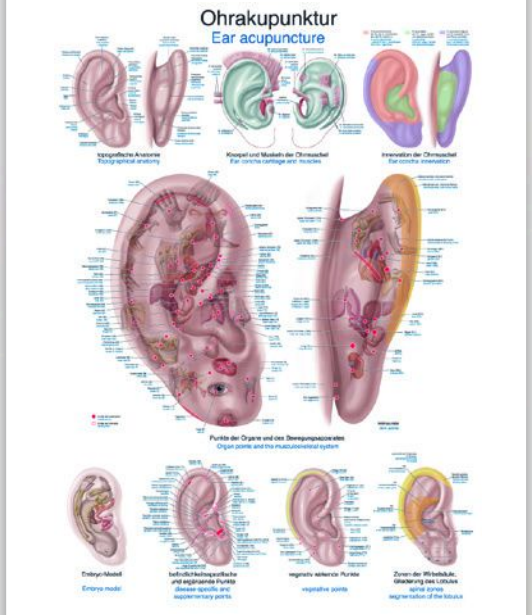


Skin-Hair-Nails

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL121
Details:

50 x 70 cm
Ref.no. AL521
Details:

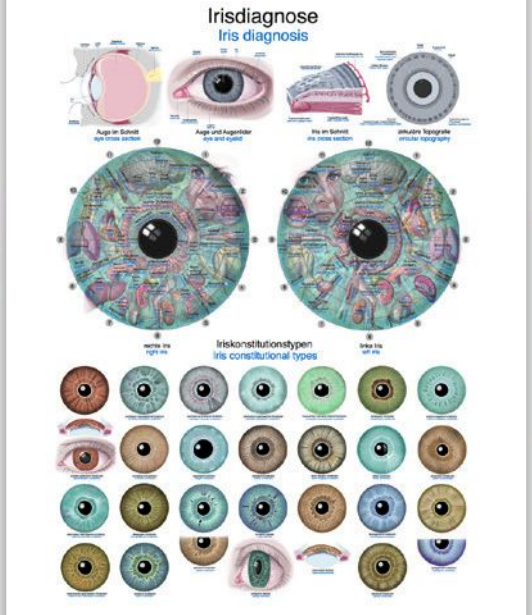


Ear acupuncture

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL125
Details:

50 x 70 cm
Ref.no. AL525
Details:

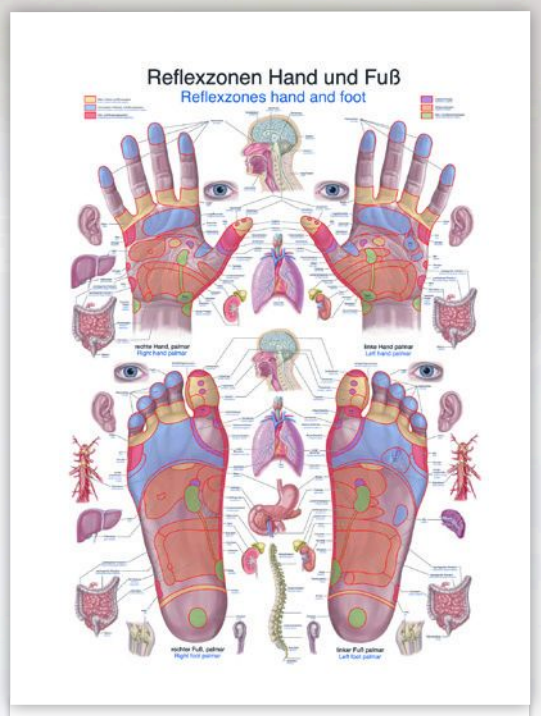


Iris diagnosis

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL126
Details:

50 x 70 cm
Ref.no. AL526
Details:

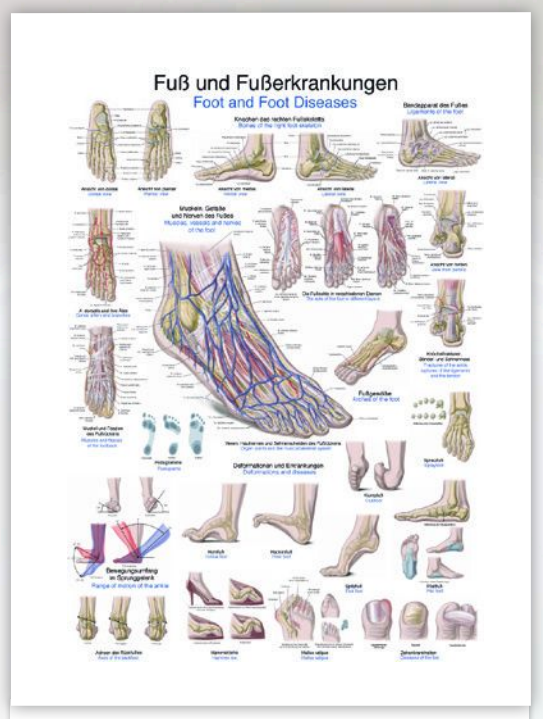


Reflexzones hand and foot

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL127
Details:

50 x 70 cm
Ref.no. AL527
Details:

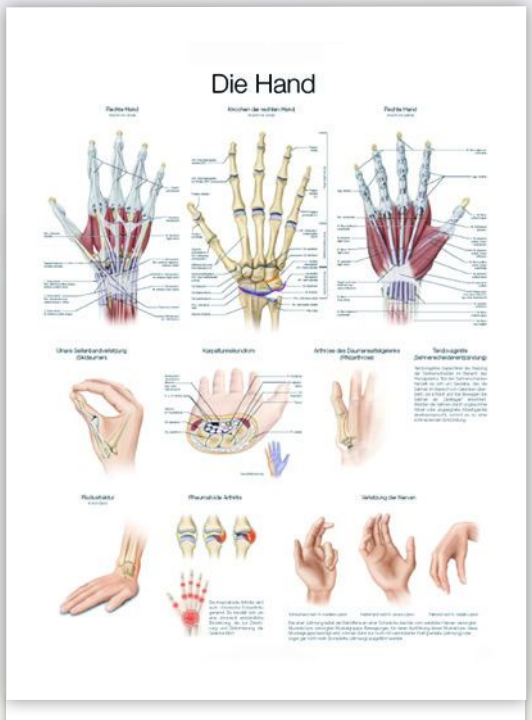


Foot and foot diseases

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL128
Details:

50 x 70 cm
Ref.no. AL528
Details:

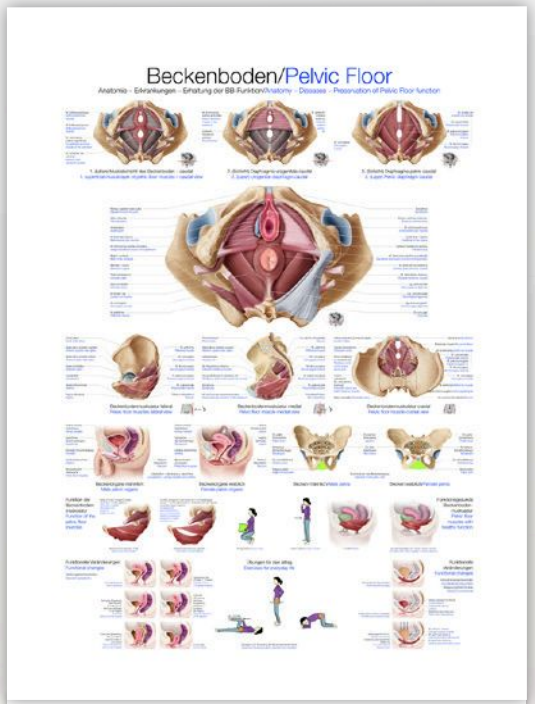


The hand

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL129
Details:

50 x 70 cm
Ref.no. AL529
Details:

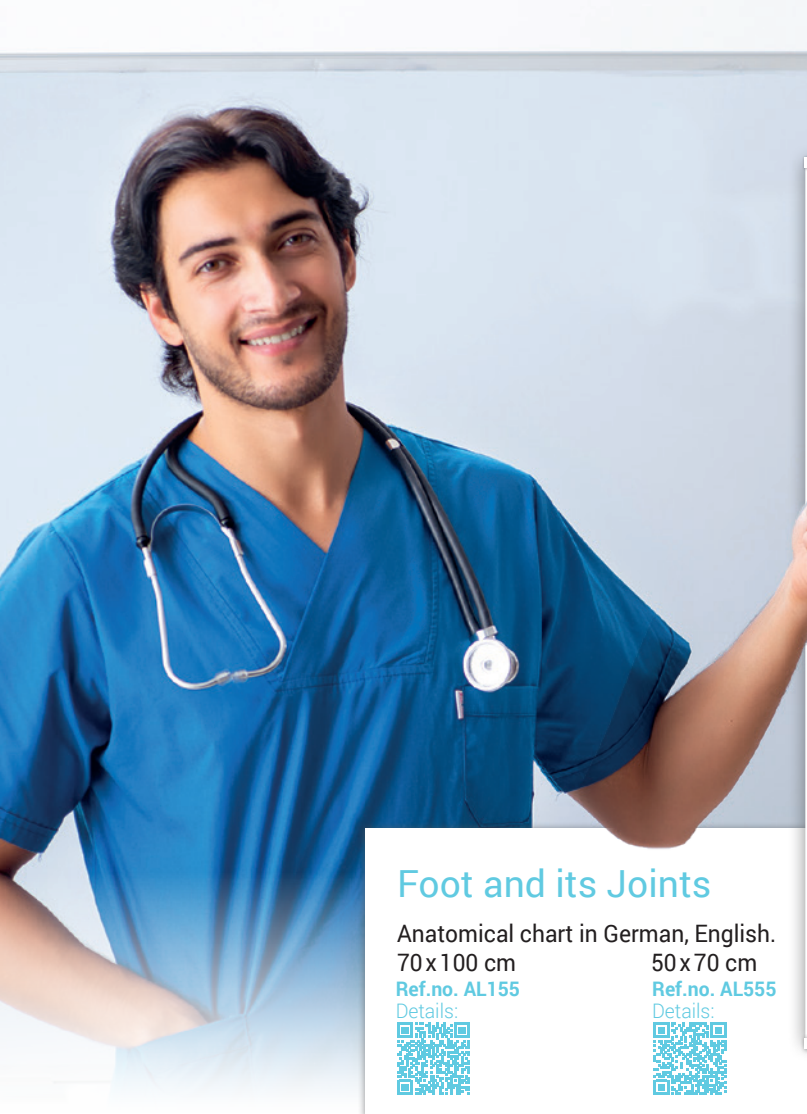


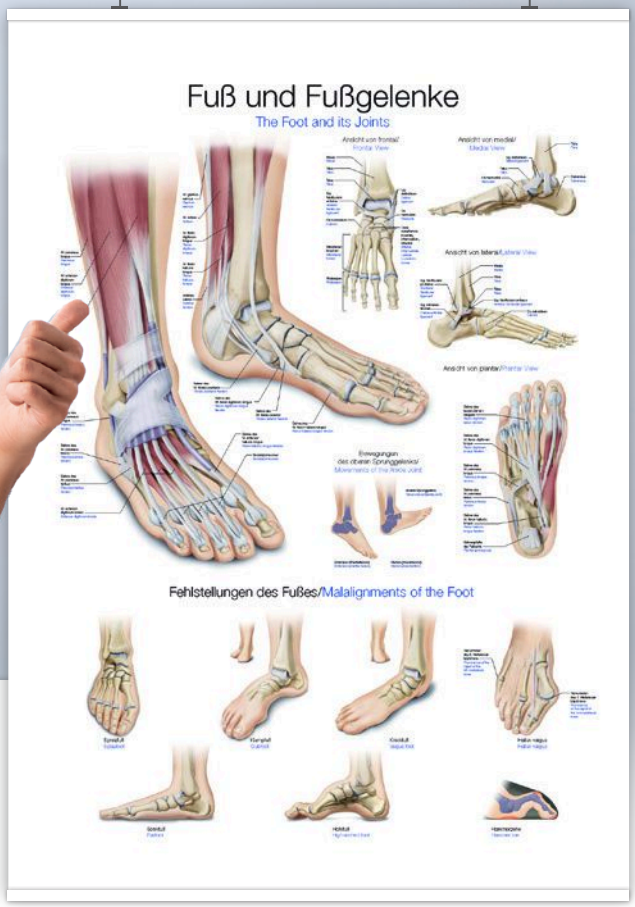
Pelvic floor

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL138
Details:

50 x 70 cm
Ref.no. AL538
Details:



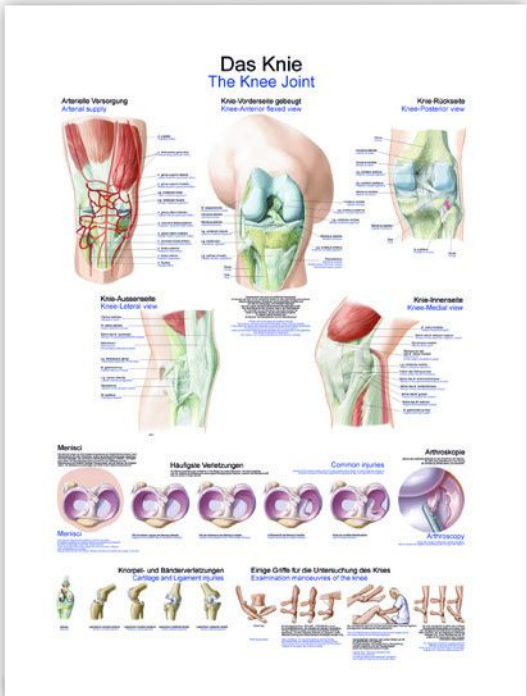


Foot and its Joints

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL155
Details:

50 x 70 cm
Ref.no. AL555
Details:



The Knie Joint

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL147
Details:

50 x 70 cm
Ref.no. AL547
Details:

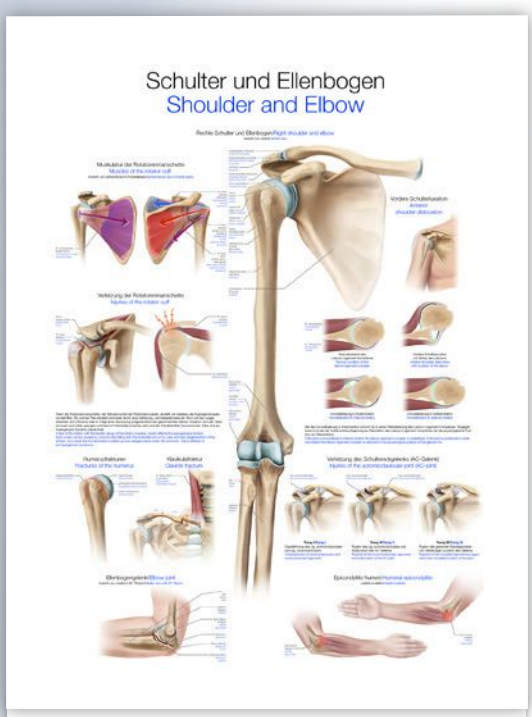


Das Knie - Die Hüfte

Anatomical chart in German.

70 x 100 cm
Ref.no. AL151
Details:

50 x 70 cm
Ref.no. AL551
Details:

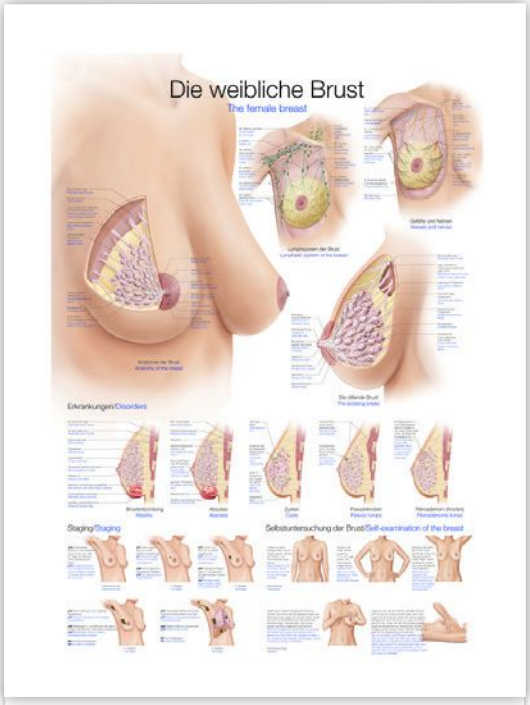


Shoulder and Elbow

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL139
Details:

50 x 70 cm
Ref.no. AL539
Details:

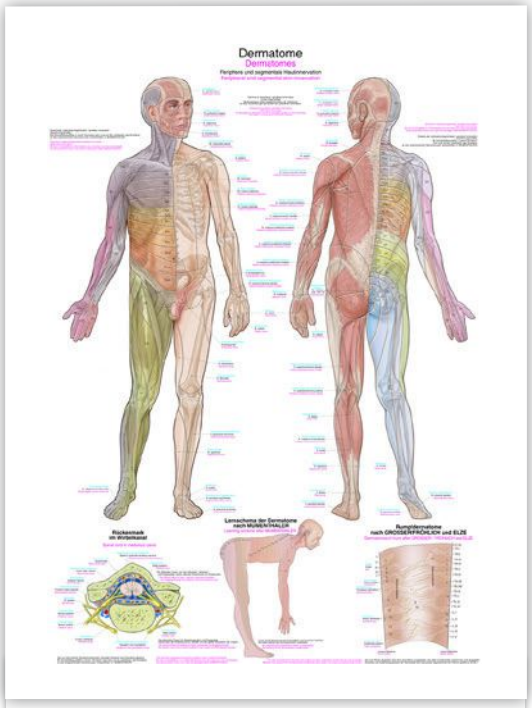


The female breast

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL134
Details:

50 x 70 cm
Ref.no. AL534
Details:

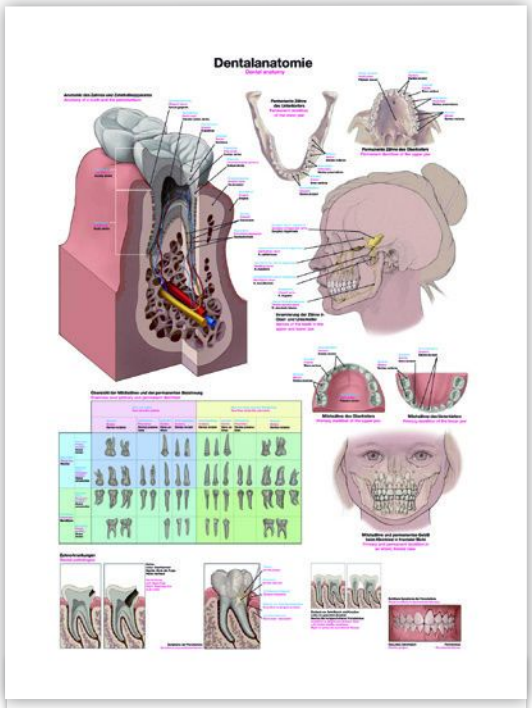


Dermatomes

Anatomical chart in German, Latin, English.

70 x 100 cm
Ref.no. AL161
Details:

50 x 70 cm
Ref.no. AL561
Details:

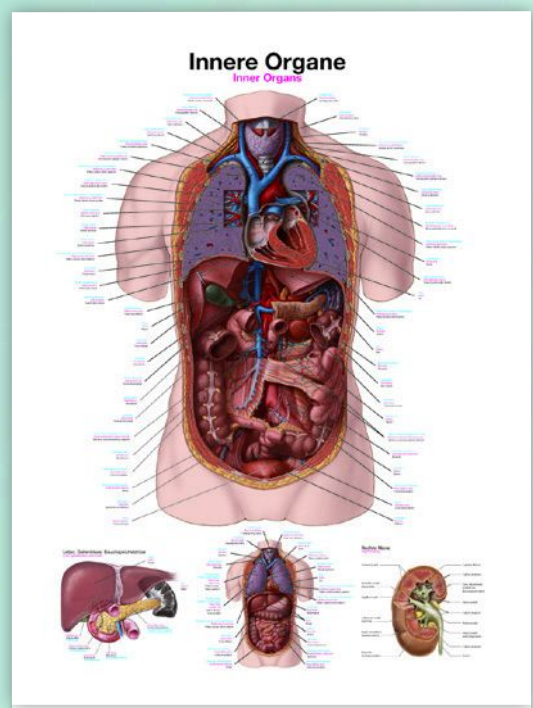


Dental anatomy

Anatomical chart in German, Latin, English.

70 x 100 cm
Ref.no. AL162
Details:

50 x 70 cm
Ref.no. AL562
Details:

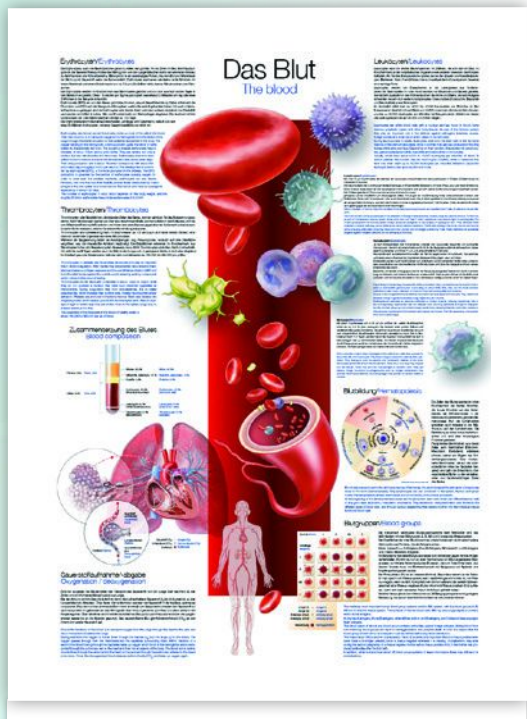


Internal organs

Anatomical chart in German, Latin, English.

70 x 100 cm
Ref.no. AL163
Details:

50 x 70 cm
Ref.no. AL563
Details:

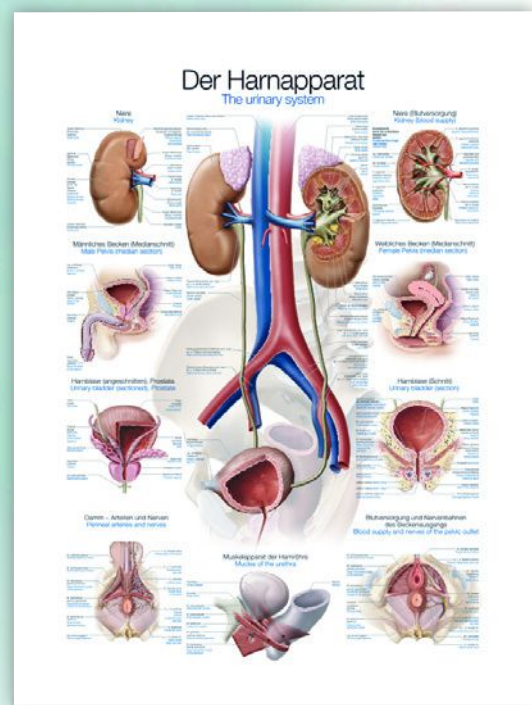


The Blood

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL165
Details:

50 x 70 cm
Ref.no. AL565
Details:

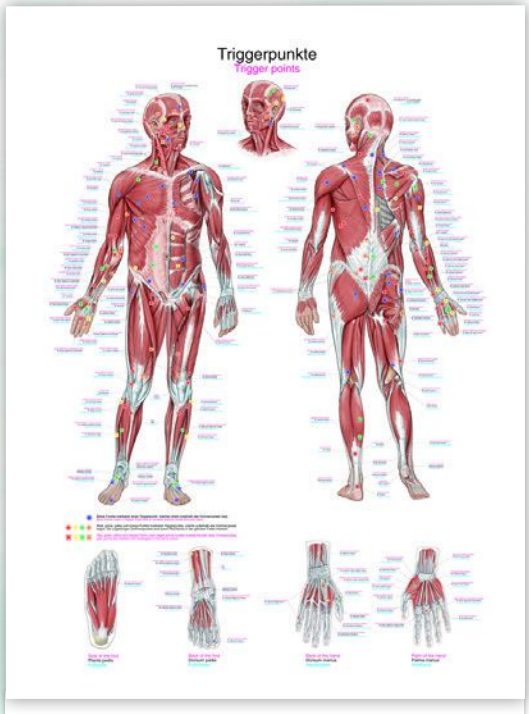


Urinary System

Anatomical chart in German, English.

70 x 100 cm
Ref.no. AL164
Details:

50 x 70 cm
Ref.no. AL564
Details:



Trigger points

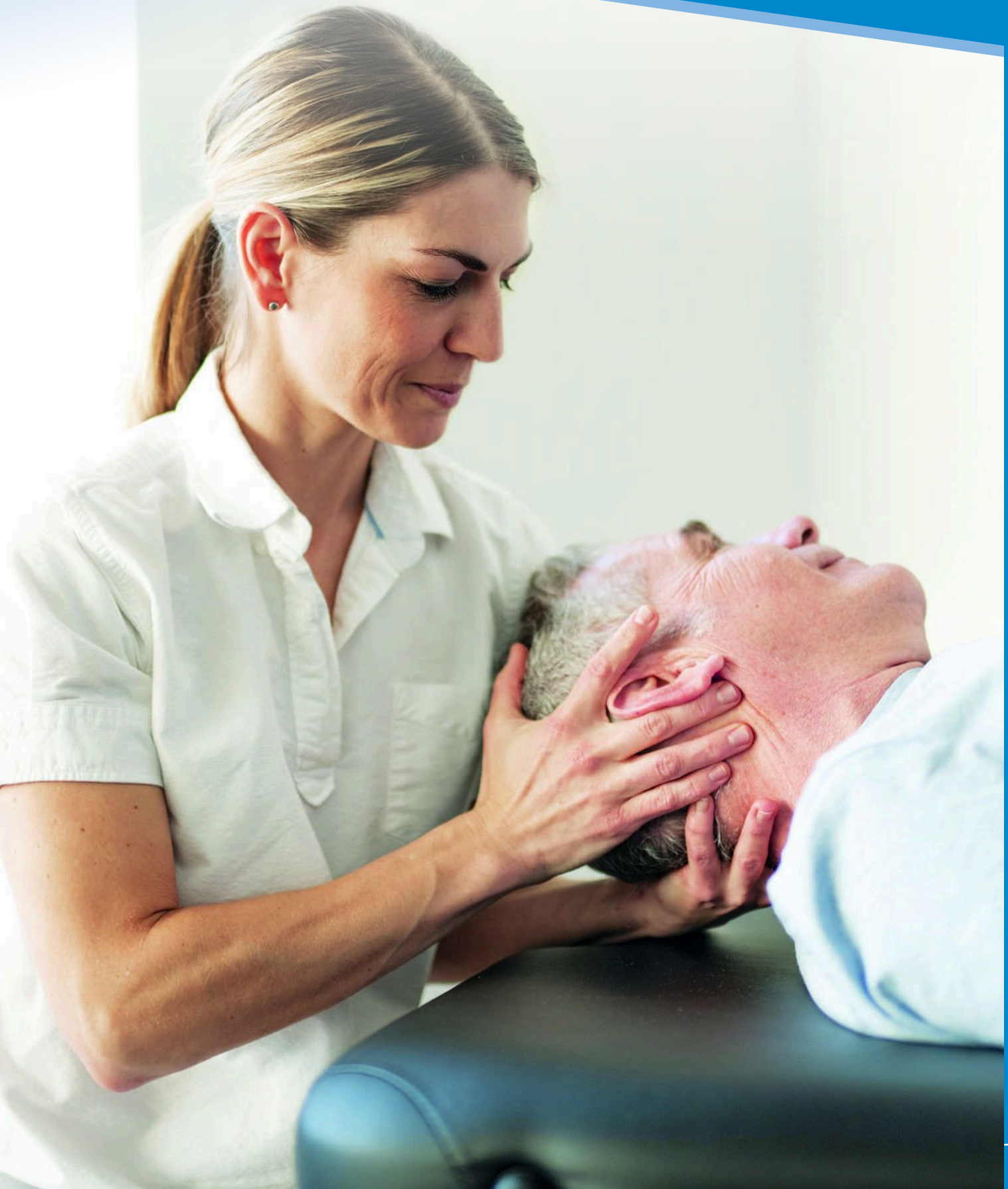
Anatomical chart in German, Latin, English.

70 x 100 cm
Ref.no. AL160
Details:

50 x 70 cm
Ref.no. AL560
Details:

ERLER ZIMMER

Physiotherapy accessories





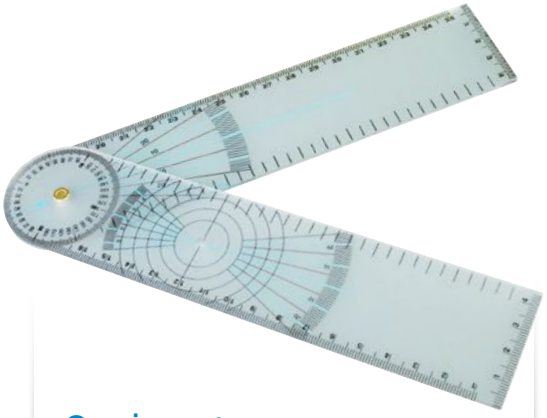
Disinfection Column *Smart*

The "Smart" disinfection column is the fully automatic, contact-free disinfection system for professional users. The base and the holder for the dispenser are made of solid metal and are made in Germany. Timeless and elegant, the sophisticated design fits nicely into any environment and goes with any facility, regardless of whether it is modern, classic or functional. The robust and resilient structure enables the contact-free delivery of any disinfectant in the long term and reliably. The disinfection column is suitable for operational use and is also completely maintenance-free for all-day operation. Does not require a power connection.

- ✓ contact-free disinfection system
- ✓ well-dosed spray mist

Ref.no. DMS01
Details:

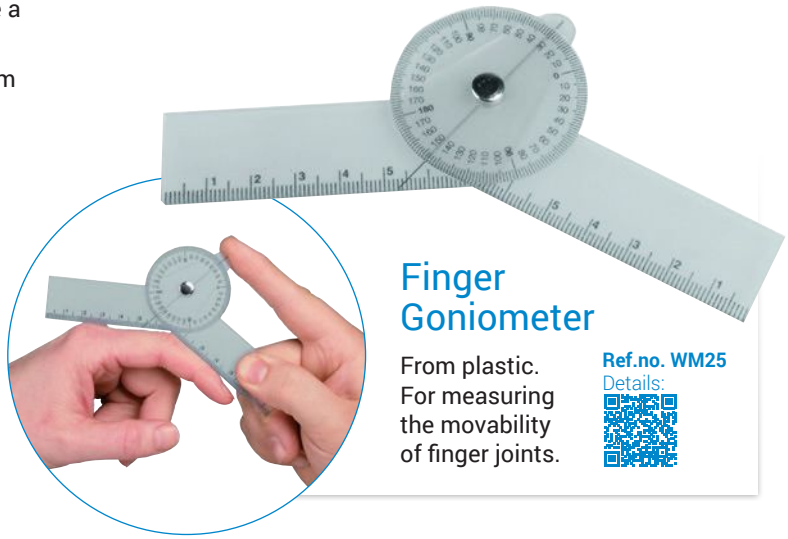
BEST SELLER



Goniometer

From plastic. For measuring the movability of the limbs joints.

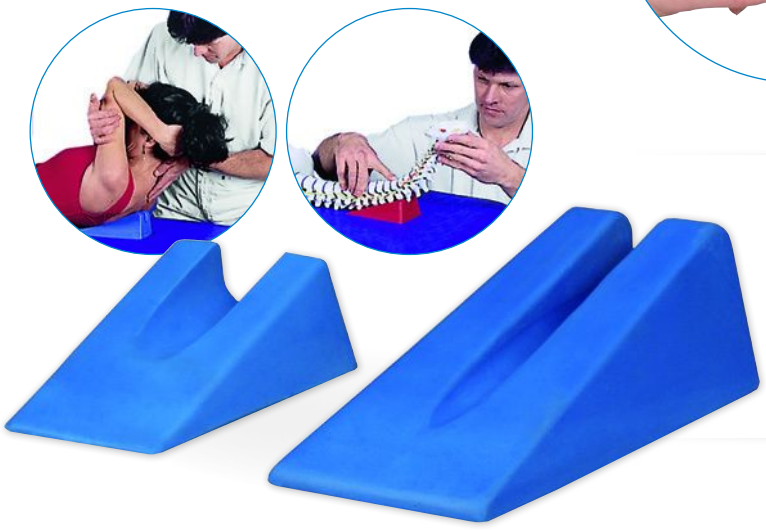
Ref.no. WM15
Details:



Finger Goniometer

From plastic. For measuring the movability of finger joints.

Ref.no. WM25
Details:



Mobilisation wedges

Size: 155 x 95 x 50 mm

Ref.no. MOBI1R
Details:

Size: 220 x 105 x 80 mm

Ref.no. MOBI2B
Details:

Traction belt with metal buckle

Length: 220 cm, Width: 5 cm

Ref.no. TRAK1
Details:

Length: 270 cm, Width: 5 cm

Ref.no. TRAK2
Details:



ERLER ZIMMER

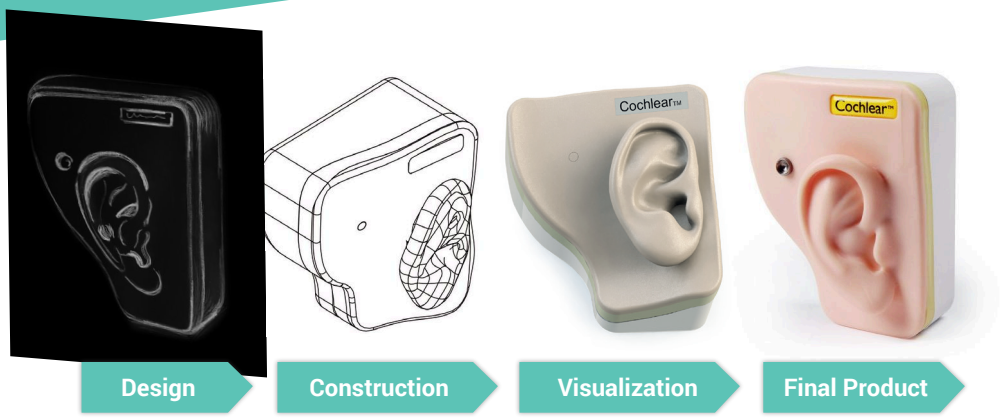
Special solutions & -designs

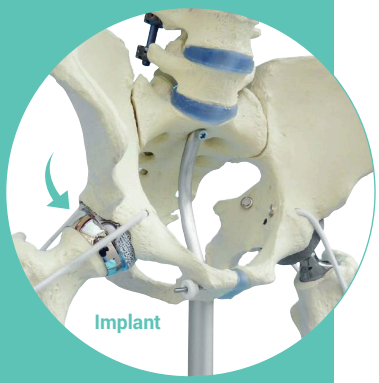


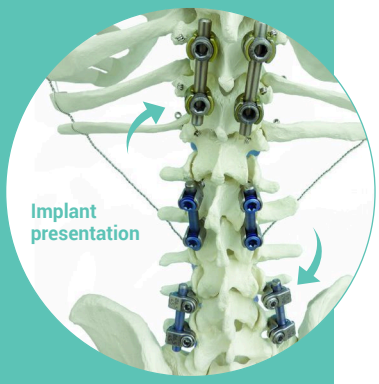
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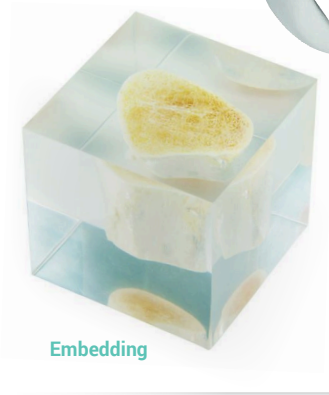


















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