For better understanding human anatomy ...

Quality - Made in Germany
1) Skeleton Models manufactured in Germany

Rüdiger-Anatomie is a traditional family business from Germany with 20 employees. It was founded more than 40 years ago. We produce skeleton models and anatomical charts in Germany. Also we use exclusive plastics and other supplies from German production (e.g. our complete hardware).
Accordingly our materials meet all applicable EU safety standards. No smelly or malicious plastic, no rusty metal parts, only Quality - Made in Germany.
More than any other producer of anatomical skeleton material we guarantee for the high quality of our products:
- On our skeletons, spines, skulls and other skeleton parts (for example ligament models) we guarantee a 5 year warranty.

2) Standard and Budget Models

Budget products were not produced by Rüdiger-Anatomy. They were imported from China by Rüdiger-Anatomy.
Accordingly Rüdiger-Anatomy only grants the standard legal guarantee in this articles.

Personal contact

Please call us. You will talk to real people who like to give you advise or support - not to a computer or answering machine.

Quick response and delivery

All the products in this catalogue we have on stock and could be sent within 1 or 2 days. Only some of our special painted or very complicated items could have a short delivery time - but usually not more than 7 days. That’s because we do everything by ourselves.

Prices

We reached our goal to supply you with fine products at a very moderate price.
Please find out for yourself:
Rüdiger Anatomy skeletons mean high quality at affordable prices - You won’t find anything better.

---

**Content**

1. Anatomical Models
   - Skeleton Models
   - Mini Skeleton Models
   - Disarticulated Skeleton Models
   - Bones, Limbs, Hands, Feet
   - Ligament Models
   - Spines
   - Vertebrae models
   - Pelvis Models
   - Skulls
   - Torsos & Muscle figures
   - Head and Brain
   - Hand & Feet
   - Heart, Lung, Vascular System
   - Ear, Eye, Teeth, Skin
   - Digestive System
   - Pregnancy and Birth
   - Special Skulls & Skeletons
   - Training Manikins
   - Budget-Modelle

2. Anatomical Charts, Posters, Mini-Posters
   - Anatomical Charts (28”x40”/70x100cm), Posters (20”x28”/50x70cm) and Mini-Posters (11”x14”/24x34cm), Gymnastic-, Therapy- and Training Charts, Acupuncture Charts and Posters, Physiotherapy Posters, French Charts, Spanish Charts, Polish Charts and Italian Charts and Posters beginning with Page 28
   - 3-Dimensional Charts
   - Mini-Poster-Sets and Booklets

3. Anatomical Learning Products and Fun Articles
   - Acupuncture Models
   - Postcards
   - Pens, Penholder, Key Rings
   - T-Shirts

---

**Imprint**

Rüdiger-Anatomie-GmbH
Leipziger Str. 60
D-14612 Falkensee (Berlin)
Tel: +49-(0)3322-27561-0
Fax: +49-(0)3322-27561-20
mail@ruediger-anatomie.de
www.ruediger-anatomie.de
www.ruediger-anatomy.com

You find our terms and conditions in our price list and on our homepage
For better understanding human anatomy...

A200 Standard Skeleton

For us it is our standard skeleton but for our competition it is the standard in skeletons!

Our A200 standard skeleton is the perfect reproduction of a human skeleton cast directly from specially selected natural human skeleton material to insure finest bone quality, structures and details of bony surface.

Nothing is as complex as nature itself. That is why Ruediger-Anatomy didn’t even try to copy nature, we took nature itself as base for our skeleton. While in the 1970s Ruediger was well known as the biggest supplier of real human bone material worldwide we had better selection options than anyone else. So we didn’t spend time for artists sculpting bones to get something that nature does more accurate. We have just chosen the most detailed real bone skeleton material that we could get.

This is what you get: incredible anatomical detail! You will find it hard to distinguish our plastic skeleton from a real bone skeleton.

But our basic skeleton does not only show the anatomical perfection - just like every individual - it shows some specialities: For example the os coccygis comes with a deformity, the skull has an impacted third molar and a rare os interparietaile between os occipitale and os parietale.

Our A200 standard skeleton shows all of the 206 - 214 bones of a normal male adult. Every 24 vertebrae, all 12 ribs of each side, every 26 bones of each foot and 27 bones of each hand are individual and single mounted. Of course all skeletons come with hyoid bone.

Wherever possible there is natural movement in the joints. Special U-brackets allow to slide arm and leg ligaments inside joints - just like real. The elbows on both sides shows natural movement of radius and ulna: while turning the hand radius and ulna show bones in crossed and parallel position.

For easy transportation or individual demonstration you may take off the arms and legs as well as the skull.

The skeleton comes with our A220 Human Skull which is cast from a selected natural bone skull with all fine anatomical details. It is unbreakable in normal use and dissectable into 4 parts. The skull has a full dentition. 31 of 32 individual teeth come with full roots and are removable. You may pull teeth of maxillae and mandible for individual demonstration and place them back into the socket. The mandible can be taken off. A bony flap on one side of mandible can be opened to show nerve canal, bony structure, roots of teeth and an impacted third molar.

The skeleton is appr. 180 cm / 6 feet tall (incl. stand), 40cm wide and 25cm deep. Weight is 11kg. The stand has a 60cm radius. Our skeleton comes complete with a 5-legs safety stand with casters and dust cover.
For better understanding human anatomy...

**A203 Physiological Skeleton**

Our most flexible skeleton. Natural motion in every part! The physiological skeleton combines all the advantages of our A200.

The flexible spine of the A203 physiological skeleton comes with extrasoft discs to show life-like deformation while stretching and bending the spine. While moving the spine to the left, right, front or back, always one side of the affected disc gets compression from the vertebrae above and below. The normal disc - made of PVC plastic - just gets thinner in this specific area. Instead of this “unnatural” behavior of the disc while movement, our A207 disc material gets pressed out of the spine between the two vertebrae - just like natural human disc material does. This effect is reinforced by the extra flexible metal joint rod we use for our A203 flexible skeleton.

**A203.1 Physiological Skeleton, hang-up mount (picture below)**

like our A203 but hang-up mounted with a hang-up stand. For this the skeleton has no tap exiting from the sacrum. The skeleton can be taken off the hang-up stand and could for example be seated. Delivery on request only.

**Height with stand**

190cm, 12kg.

The skeleton comes with 5-leg safety stand and dust cover. Like the A200: 180x40x25cm, 11kg.

**The benefits of our A203:**

- Our most flexible skeleton
- Flexible spinal column
- 100% natural cast
- 5 years warranty
- Factory manufacturing and assembling in manual work: Hand-made in Germany
- Raw materials like plastics and metal hardware are from German companies
- 4-part skull with extractable single teeth and bony flap / open jaw bone
- Spinal nerves and spinal artery
- Opened sacrum with bony flap
- Flexible attachments of the arms, shoulders, hip joints, knees and feet
- Radius and ulna with natural movement
- Ultrasonic discs for natural deformation of discs
- One hand and one foot flexibly mounted on elastic cord
- with 5-leg safety stand and dust cover
A200.2 Flexible Skeleton

The flexible skeleton of Ruediger-Anatomy is made for the orthopedic and chiropractic surgeon who wants to demonstrate natural movements of spine and thorax. Just like our A200 the bone material is 100% natural cast. In addition to the A200 it is equipped with a flexible spinal column.

The flexible skeleton comes with spinal cord and nerve ends, artery, a herniated disc and a sectioned sacrum with a bony flap to show the nervous course. The flexibility of the spinal column makes it possible to show natural movements, fixations and adjustments as well as, the demonstration of wrong torso and spine positions or deformities. You can manipulate the thorax to simulate breathing technics.

The herniated disc is shown between fourth and fifth lumbar vertebrae. The sacrum is opened on the back and comes with a removable bony flap. It is possible to see the path of the nerve ends inside the sacrum and their way into the pelvis area.

The skeleton comes with 5-leg safety stand and dust cover. Size and weight like the A200: 180x40x25cm, 11kg with stand.

The benefits of our A200.2:
- Flexible spinal column
- 100% natural cast
- 5 years warranty
- Factory manufacturing and assembling in manual work: Hand-made in Germany
- Raw materials like plastics and metal hard ware from Germany

- 4-part skull with extractable single teeth and bony flap / opened jaw bone
- Spinal nerves and artery
- arms and legs attached with special U-brackets, allow to slide arm and leg ligaments inside their joints
- Radius and ulna with natural movement, allow natural rotating motion: radius and ulna can be brought into crossed and parallel position
- Opened sacrum with bony flap
- Knees detachable, lower leg with foot removable
- soft intermediate discs show natural deformation
- with 5-leg safety stand and dust cover
screws. They can only be released with a special tool, not by hand. So it is still possible to take the skull or the pelvis off the skeleton. Also the natural movement is not restricted.

The whole skeleton is approx. 180 cm or 6 feet tall (incl. stand), 40 cm wide and 25 cm deep. Weight is 11 kg. The stand has a 60 cm radius. Our skeleton comes complete with a 5-legs safety stand with casters.

**A200.6 Safety-Screw Skeleton**

Like our A200, but in addition with safety screws to secure all removable parts. The A200.6 safety skeleton is a very popular product for crowded places, where too many people have unrestricted access to the skeleton. Our method will drastically reduce the loss of parts of the skeleton. Every part of the skeleton that can be taken off, like the skull, the legs and arms, the pelvis, is secured by special screws. They can only be released with a special tool, not by hand. So it is still possible to take the skull or the pelvis off the skeleton. Also the natural movement is not restricted.

The whole skeleton is approx. 180 cm or 6 feet tall (incl. stand), 40 cm wide and 25 cm deep. Weight is 11 kg. The stand has a 60 cm radius. Our skeleton comes complete with a 5-legs safety stand with casters.

**A205 Everlasting Special Skeleton**

This skeleton is built to last for ever! Every connection between skeleton parts is made at least twice. Every rib is fixed to the vertebrae at two points, hips are fixed together at four points and can be detached, chest comes with rib-brace and a 6-time wiring. There is natural movement in the joints. For easy transportation or individual demonstration you may take off the arms and legs and the dissectible skull. Compared to its competition our A205 is really made to last a lifetime. Our skeleton comes complete with a 5-legs safety stand with casters and dust cover. 180x40x25 cm, 11.5 kg.

**A201 Hang-Up Mounted Skeleton**

Like our A200, but hang-up-mounted. It can be taken off the stand and for example be seated. The suspension is made of stainless steel, based on a 5-legs safety stand with casters. Approx. 190 cm high (incl. stand), 12 kg.

**A205 Everlasting Special Skeleton**

This skeleton is built to last for ever! Every connection between skeleton parts is made at least twice. Every rib is fixed to the vertebrae at two points, hips are fixed together at four points and can be detached, chest comes with rib-brace and a 6-time wiring. There is natural movement in the joints. For easy transportation or individual demonstration you may take off the arms and legs and the dissectible skull. Compared to its competition our A205 is really made to last a lifetime. Our skeleton comes complete with a 5-legs safety stand with casters and dust cover. 180x40x25 cm, 11.5 kg.

**A200.6 Safety-Screw Skeleton**

Like our A200, but in addition with safety screws to secure all removable parts. The A200.6 safety skeleton is a very popular product for crowded places, where too many people have unrestricted access to the skeleton. Our method will drastically reduce the loss of parts of the skeleton. Every part of the skeleton that can be taken off, like the skull, the legs and arms, the pelvis, is secured by special screws. They can only be released with a special tool, not by hand. So it is still possible to take the skull or the pelvis off the skeleton. Also the natural movement is not restricted.

The whole skeleton is approx. 180 cm or 6 feet tall (incl. stand), 40 cm wide and 25 cm deep. Weight is 11 kg. The stand has a 60 cm radius. Our skeleton comes complete with a 5-legs safety stand with casters.

**A205 Everlasting Special Skeleton**

This skeleton is built to last for ever! Every connection between skeleton parts is made at least twice. Every rib is fixed to the vertebrae at two points, hips are fixed together at four points and can be detached, chest comes with rib-brace and a 6-time wiring. There is natural movement in the joints. For easy transportation or individual demonstration you may take off the arms and legs and the dissectible skull. Compared to its competition our A205 is really made to last a lifetime. Our skeleton comes complete with a 5-legs safety stand with casters and dust cover. 180x40x25 cm, 11.5 kg.

**A200.6 Safety-Screw Skeleton**

Like our A200, but in addition with safety screws to secure all removable parts. The A200.6 safety skeleton is a very popular product for crowded places, where too many people have unrestricted access to the skeleton. Our method will drastically reduce the loss of parts of the skeleton. Every part of the skeleton that can be taken off, like the skull, the legs and arms, the pelvis, is secured by special screws. They can only be released with a special tool, not by hand. So it is still possible to take the skull or the pelvis off the skeleton. Also the natural movement is not restricted.

The whole skeleton is approx. 180 cm or 6 feet tall (incl. stand), 40 cm wide and 25 cm deep. Weight is 11 kg. The stand has a 60 cm radius. Our skeleton comes complete with a 5-legs safety stand with casters and dust cover. 180x40x25 cm, 11.5 kg.

**A201 Hang-Up Mounted Skeleton**

Like our A200, but hang-up-mounted. It can be taken off the stand and for example be seated. The suspension is made of stainless steel, based on a 5-legs safety stand with casters. Approx. 190 cm high (incl. stand), 12 kg.
For better understanding human anatomy ...

**A204 Skeleton with 4 Ligaments**
Like our A 200. In addition it has ligaments on the right side of the skeleton.

Experts agree: Ruediger-Anatomy joint models are the finest joint models you can get on the market. This skeleton comes with 4 ligaments! The model shows ligaments on the hip, knee, shoulder and elbow of the skeleton and they are fully flexible.

While a lot of joint models on the market are only useful to watch the main ligaments of a joint, the Ruediger joints are functional. It is possible to show natural movement. And they would only tear when your natural ligament would tear, too.

The shoulder joint allows abduction, anteversion, retroversion. Also inside- and outside rotation are possible.

The knee joint allows extension, flexion. Inside and outside rotation are possible.

The back side of the knee joint shows the crossed ligaments better than any other model on the market. The elbow joint shows extension and flexion. Also crossing of radius and ulna (pronation and supination) possible.

Skeleton is appr. 180 cm or 6 feet tall (incl. stand). Weight is 11kg. The stand has a 60cm radius. Our skeletons come with dust cover and a 5-legs safety stand with casters.

**A204.1 Skeleton with 6 Ligaments**
*without picture*

Like our A204 this skeleton has the highly accurate and flexible Ruediger-Anatomy joints on the hip, knee, shoulder and elbow of the skeleton in addition the A204.1 skeleton has ligaments of hand and foot on the right side of the skeleton. Hand and elbow joint are fully flexible: extension, flexion, crossing of radius and ulna (pronation und supination) are possible. Crossing of radius and ulna can be demonstrated (see picture above). The foot joint is flexible, but with restriction, because it shows so many ligaments.

Size and weight like A204.

**Quality - Made in Germany**
A200.1 Human Skeleton with Muscle Painting

Almost a little piece of art: the skeleton with paintings of muscle origins and muscle insertions of Ruediger Anatomy.

In addition to our A200 skeleton the bones of one side are accurately painted with 500 main muscle origins and insertions. The complete painting, labeling and numbering is done by hand by skilled and specially trained artists!

Muscle origins are being shown in red colour and muscle insertions are being shown in blue colour. Of course all the muscles are numbered and the painted skeleton comes with a muscle key.

It takes almost 12 hours for a trained artist to paint and number a single skeleton. With a painted skeleton from Ruediger you are not buying just a model. You are buying a high quality handmade product and a little piece of craftsmanship, which is suitable for learning and teaching, too.

Our skeleton comes complete with a 5-legs safety stand with casters and dust cover. Size and weight like the A200: 180x40x25cm, 11kg.

A200.3 Flexible Skeleton with Muscle Painting

Combines the advantages of our A200.1 skeleton with muscle paintings and our A200.2 skeleton with flexible spine.

The A200.3 skeleton comes with hand-made painting of app. 500 muscle origins in red colour, muscle insertions in blue colour, complete with labels and numbers and of course with key (like A200.1). It also comes with a flexible spine column, a spinal cord with nerve ends, vertebral arteries and a herniated disc shown between fourth and fifth lumbar vertebrae. The sacrum is sectioned and equipped with a removable bone flap to show path of spinal nerves inside the sacrum (all like A200.2).

With numbers, key, 5-legs safety stand and dust cover.

Size and weight like the A200: 180x40x25cm, 11kg.
A206 Super-Skeleton

We call it our super-skeleton, because it combines all skeleton features in just one skeleton.

The A206 combines the advantages of our painted, our flexible and our ligament skeleton in a single skeleton and also has more additional features.

The skeleton has a flexible spine and comes with spinal cord, nerve ends, spinal artery and herniated disc (like our A200.2). It has the muscles painted (app. 500 painted and labeled muscle origins in red colour and muscle insertions in blue colour, the muscles are numbered and the skeleton comes with a muscle key) on one side of the skeleton (like our A200.1). On the right side of the skeleton it has flexible ligaments of shoulder, elbow, hip and knee and in addition to the A200.1, the A200.2 and the A204 it has marked more than 300 numbers which describe all the important anatomical details, bones, bony parts, sutures, fissures, foramina on an extra key. Together with the muscle numbering there are 600 hand-numbered and identified anatomical details on the skeleton. Our most complete skeleton. Skeleton is appr. 180 cm or 6 feet tall (incl. stand). Weight is 11kg. The stand has a 60cm radius. Our skeletons come with dust cover and a 5-legs safety stand with casters.

All benefits of our A206:

- Painting and numbering of the muscle origins (red) and muscle insertions (blue) on the left side of skeleton (with legend)
- Flexible ligaments of shoulder, elbow, hip and knee
- Numbering of anatomical structures details and on the right side of the skeleton (with additional legend)
- Flexible spinal column
- Spinal nerves and spinal artery
- Opened sacrum with bony flap
- Arms and legs attached with special U-brackets on left side, allow to slide arm and leg ligaments inside their joints
- 100% natural cast
- 5 years warranty
- 4-part skull with extractable single teeth and bony flap/opened jaw bone
- Factory manufacturing and assembling in manual work:
  Everything handmade in Germany
- Raw materials like plastics and metal hardware are from German companies
- Radius and ulna with natural movement, allow natural rotating motion: radius and ulna can be brought into crossed and parallel position
- Knee detachable on left side, lower leg with foot removable on left side
- Soft intermediate discs show natural deformation while flexing spine
- 5-leg safety stand and dust cover

Quality - Made in Germany
A206.1 Super-Duper-Skeleton
The top model of Ruediger Anatomy. Completely unique in the world with these product details.

The A206.1 combines the advantages of our painted, our flexible and our ligament skeleton with additional labeling and numbering of our A206 super skeleton. This skeleton comes with detailed ligaments on hand and feet in addition to ligaments on shoulder, elbow, hip, and knee (like A204/A206) on the right side of the skeleton.

It has a flexible spinal column and comes with spinal cord, nerve ends, spinal artery and herniated disc (like our A200.2). There are app. 500 painted, labeled and numbered muscle origins (red) and insertions (blue) and it comes with a muscle key (all like our A200.1).

The ligaments on shoulder, elbow, hip, knee, hand, and foot are flexible. More than 300 numbers were marked. They describe all the important anatomical details, bones, bony parts, sutures, fissures, foramina on an extra key.

Together with the muscle numbering there are 600 hand-numbered and identified anatomical details.

With 5-leg safety stand and dust cover. Like A200: 180x40x25cm, 11kg.

All benefits of our A206.1:
- Painting and numbering of the muscle origins (red) and muscle insertions (blue) on the left side of skeleton (with legend)
- Flexible ligaments of shoulder, elbow, hip, knee, hand and foot on right side of skeleton
- Numbering of anatomical structures details and on the right side of the skeleton (with additional legend)
- Flexible spinal column
- Spinal nerves and spinal artery
- Opened sacrum with bony flap
- Arms and legs attached with special U-brackets on left side, allow to slide arm and leg ligaments inside their joints
- 100% natural cast
- 5 years warranty

- 4-part skull with extractable single teeth and bony flap/opened jaw bone
- Factory manufacturing and assembling in manual work: Everything handmade in Germany
- Raw materials like plastics and metal hardware are from German companies
- Radius and ulna with natural movement, allow natural rotating motion: radius and ulna can be brought into crossed and parallel position
- Knee detachable on left side, lower leg with foot removable on left side
- Soft intermediate discs show natural deformation while flexing spine
- 5-leg safety stand and dust cover
A270 Skeleton with Muscles of the Face, Head and Neck (no picture)
The skeleton models on this page are unique worldwide! The skeletons show the muscles of the face, the jaw, the masticatory and the laryngeal muscles as well as the superficial, the deep and the deeper muscles of the neck. The muscles are medium flexible. For example you can show mastication of the jawbone or traumatic spinal injuries.
The A270 is the same as our A200 Standard skeleton but with muscles of face, head and neck. 180cm, 11kg. With stand.

A271 Skeleton with Ligaments on Shoulder, Elbow, Hip and Knee and Muscles of the Face, Head and Neck
Like our A204 (see page 7) but in addition with muscles of the face, the jaw, the masticatory and the laryngeal muscles as well as the superficial, the deep and the deeper muscles of the neck.

A272.2 Flexible Skeleton with Ligaments on Shoulder, Elbow, Hip, Knee, Hand and Foot and Muscles of the Face, Head and Neck
A combination of our A200.1 Skeleton with a flexible Spine (page 5), our A204.1 and additional muscles of face, jaw, masticatory and laryngeal region as well as superficial, deep and deeper muscles of the neck.

A206.3 Best-of-Ruediger-Skeleton
This is our “Topmodel”. It combines all the benefits of our Super-Duper-Skeleton (see page10) with additional muscles of face, jaw, masticatory and laryngeal region as well as superficial, deep and deeper muscles of the neck.
The skeleton comes with a flexible spine, spinal cord, nerve ends, spinal artery, herniated disc, appr. 500 painted, labeled and numbered muscle origins (red) / insertions (blue) and 300 marked anatomical details (with key), flexible ligaments of shoulder, elbow, hip, knee, hand and foot as well as muscles of the head, neck and face.
MI200 Mini-Skeleton
26", the world’s finest miniature skeleton.
Small, handy and functional, a masterpiece of anatomical art, scientifically accurate and with incredible anatomical details. Almost all bones of the skeleton are individually represented - this results in a full articulation and movements of joints. Because of its small size the skeleton is not as frightening as a lifesize model.
Size and weight: Appr. 65 cm (26") high (65x12x12cm), 0.8kg (28 ounces), with stand.

MI200.1 Mini-Skeleton with Muscle Painting
Same fine quality as our regular mini-skeleton MI200, but in addition with muscle painting. All important muscle origins are painted in red and the muscle insertions are painted in blue. The muscles are numbered for easy identification and a key with the names of muscles is supplied. Polishing, mounting, painting and numbering were fully made by hand. Skeleton comes with stand. 65x12x12cm, 0.8kg.

MI230 Mini-Arm
With scapula and clavicle, flexibly mounted.
Length 30 cm (12").

MI240 Mini-Leg
With half pelvis, flexibly mounted.
Appr. 33cm (13") x5x4cm, 110gr.
For better understanding human anatomy ...

**The Mini-Skeletons of Rüdiger**

The mini-skeletons and skulls have been developed in cooperation with chief preparator A. Lang from the University of Zürich, Switzerland.

The mini-skeletons of Rüdiger-Anatomy are a scale reduction of a real bone material with all their anatomical details. All important bones from the humerus to the hyoid bone are individually represented.

Small, handy and functional, a masterpiece of anatomical art, scientifically accurate and with incredible anatomical details. The mini-skeleton is only app. 65 cm high - the world's smallest table-model which meets highest anatomical claims. Because of its small size the skeleton is not as frightening as a lifesize model.

---

**MI220 Mini-Skull**

The mini-skull of Rüdiger-Anatomy is a scale reduction of a real bone skull. 3 parts. Fully presented for anatomical demonstration.

9x6x7cm/150gr.

**MI221 Mini-Skull with Muscle Painting**

Like the MI220 a scale reduction of a real bone skull with 3 parts, but in addition with presentation of muscle origins (red) and muscle insertions (blue). The skull comes with key. 9x6x7cm/150gr.

**MI200.2 Mini-Skeleton with Flexible Spine**

The Rüdiger-Mini-Skeleton is now available with a flexible spine to demonstrate natural movement of spine and thorax. Ideal for the chiropractor and orthopedic surgeon. Bones of the skeleton are individually represented - this results in a full articulation and movements of joints. Appr. 65 cm (26") high, 0.8kg (28 ounces), with stand.

**MI200.3 Mini-Skeleton with Muscle Painting and Flexible Spine**

(without picture)

The MI200.3 combines the features of the MI200.1 and the MI200.2. The skeleton comes with muscle painting and flexible spine. Mounting and painting is done by hand. As you can see on the picture left, painting and labelling is a very demanding job. 65cm (26") high, 0.8kg (28 ounces), with stand.

**MI200.2**

**MI200.3**

**MI212 Mini-Spine**

The mini-spine of Rüdiger-Anatomy is a scale reduction of a real bone spinal column with all their anatomical detail. Fully flexible with arteries and nerve ends.

30cm (12"), 125gr. With stand.

**MI212 Mini-Spine**

Picture shows model in life size

**MI220 Mini-Skull**

The mini-skull of Rüdiger-Anatomy is a scale reduction of a real bone skull. 3 parts. Fully presented for anatomical demonstration.

9x6x7cm/150gr.

**MI221 Mini-Skull with Muscle Painting**

Like the MI220 a scale reduction of a real bone skull with 3 parts, but in addition with presentation of muscle origins (red) and muscle insertions (blue). The skull comes with key. 9x6x7cm/150gr.

**Quality - Made in Germany**
For better understanding human anatomy...

**A202 Disarticulated Skeleton**
Contains all the parts shown on page 30. The bones are cast from natural bone skeleton with all fine anatomical details, just like our A200. Instead this skeleton is not mounted.
All 234 bones except the skull and one foot and one hand are disarticulated.
The 4-part skull is mounted (see A220) and comes with complete dentition of 31 individual and removable teeth with full roots. A bony flap shows nerve canal, bony structure, roots of teeth and an impacted third molar on mandible. One hand and foot are flexibly mounted on nylon (or wire, if you wish). The vertebral of the cervical, thoracic and lumbar spine are flexibly mounted on nylon.
The model is not suitable for self-mounting. Comes in plastic bags in a box.
92x38x26cm, 6.5kg.

**A202.7 Half Skeleton, unmounted**
(without picture) like A202 but only with ribs and the bones of upper and lower limb of one side of the skeleton. Hand and foot mounted on nylon or wire or unmounted.
92x38x26cm, 4.5kg.

**A202.4 Half unmounted painted Skeleton**
(without picture) like A202.7 but with muscle origins painted in red colour and muscle insertions painted in blue colour.
92x38x26cm, 4.5kg.

**A202.3 Bone Set**
(without picture) contains all important bones: skull, femur, tibia, fibula, patella, complete toe, humerus, radius, ulna, complete finger, sternum, innominate, sacrum and coccyx, scapula, clavicle, 3 ribs of each side, cervical-, thoracic-, lumbar vertebrae. Comes in plastic bags in box.
92x38x26cm, 3.5kg.

**Single Bones and Vertebrae**
A213.1 single cervical vertebrae
A213.5 7 cervical vertebrae on nylon
A214.1 single thoracic vertebrae
A214.5 12 thoracic vertebrae on nylon
A215.1 single lumbar vertebrae
A215.5 5 lumbar vertebrae on nylon
A216 5 representative vertebrae
(atlas, axis, 1 cervical - , 1 thoracic - , 1 lumbar verebrae)
A217 atlas and axis
A218.2 pair of pelvic bones
A232 humerus
A233 radius
A234 ulna
A235 scapula
A236 clavicle
A242 femur
A243 tibia
A244 fibula
A246.5 calcaneus
A247 sacrum and coccyx
A248 sternum

**A203 Arm Skeleton**
Lifelike accuracy is provided in colour texture and anatomical detail with this unbreakable model cast from a real bone arm, fully flexible, with articulated hand, scapula and fibula.
Size and weight: 78x13x17cm, 500gr.

**A231 Hand Skeleton with Stumps**
Model shows each single bone of the hand, wire mounted and flexible. With stumps of radius and ulna.
Size and weight: 27x8x2cm, 150gr.

**A240 Leg Skeleton**
Lifelike accuracy is provided in colour texture and anatomical detail with this unbreakable model cast from a real bone leg, fully flexible, with articulated foot and innominate of one side.
103x13x18cm, 1.5kg.

**A241 Foot Skeleton with Stump**
(picture below) with all bones of the foot, wire mounted, flexibly
mounted. With stumps of tibia and fibula. 25x21x9cm, 400gr.

**A241.1 Foot Skeleton**
Like A241, but without stumps of tibia and fibula. 21x16x9cm, 300gr.

**A241.2 Foot Skeleton on Nylon**
Like A241.1, but mounted on nylon. It is possible to have a full view on each single bone of the foot, 21x16x9cm, 300gr.

**A241.3 Foot skeleton, on elastic cord**
(no picture) like A241.2, assembled on elastic cord instead of nylon.
Size and weight: 21x16x9cm, 300gr.

**A230 Arm Skeleton**
Lifelike accuracy is provided in colour texture and anatomical detail with this unbreakable model cast from a real bone arm, fully flexible, with articulated hand, scapula and fibula.
Size and weight: 78x13x17cm, 500gr.
For better understanding human anatomy...

The model comes complete with stand.

**Size and weight:** 8x59x18cm, 0.5kg.

**Ruediger-Anatomy**

**Joint Models**

are ones of the finest models you can get. They come with extra flexible ligaments and are functional. It is possible to show natural movement (they would only tear at a point, where natural ligaments would tear, too).

**A253 Elbow Joint**

The elbow joint shows the important ligaments of the elbow and lower arm on the right side of the arm. The model is fully flexible: extension, flexion, crossing of radius and ulna (pronation und supination) are possible. The model comes complete with stand.

**Size and weight:** 8x42x18cm, 0.4kg.

**A256 Hand & Elbow Joint**

The hand and elbow joint shows the important ligaments of the elbow, lower arm and hand on the right side of the arm.

The model is fully flexible: extension, flexion, pronation and supination are possible. Turning the hand shows parallel and crossed position of radius and ulna.
For better understanding human anatomy ...

A251 Hip Joint
Model comes with femur head and half pelvis. It is fully flexible: abduction, anteversion, retroversion, inside and outside rotation are possible. The model comes with stand and is removable from stand.
Size and weight: 13x38x18cm, 0,6kg.

A252 Knee Joint
All important ligaments are shown. Model is fully flexible: extension, flexion, inside and outside rotation are possible, on stand.
13x35x18cm, 0,8kg.

A255 Hand Joint
The model shows the bones of the right hand, hand ligaments and the lower arm. Stretching, bending, abduction, adduction, dorsal- and palmar flexion, radial- and ulnar abduction could be demonstrated.
The model comes complete with stand.
Size and weight: 25x8x4cm, 0,3kg.

A250 Shoulder Joint
Probably this is our most beautiful joint model. Model is fully flexible: abduction, anteversion, retroversion, inside and outside rotation are possible. The model comes complete with stand and is removable from stand.
16x19x18cm, 0,5kg.

A254 Footjoint
Model comes with lower leg stumps and shows the ligaments around the foot skeleton, even under the sole of the foot. Limitedly flexible, with stand. On request: without stand. 25x9x21cm, 0,5kg.
For better understanding human anatomy ...

A212 Standard Spine
Natural size (80 cm/32”). Lifelike accuracy is provided in colour texture and anatomical detail with this unbreakable spine cast from a complete natural spine. Our spine is fully articulated and flexible to show vertebral movements and alignments. Comes with pelvis, occipital bone, arteries, spinal cord, nerve ends and flexibly mounted femur heads. The sacrum is sectioned and can be opened by a bony flap to show course of spinal nerves (see reverse large picture). Complete with stand. All spines were supplied with our standard stand.

Sizes & weight of the shown spines (not A209): 86x25x25cm, weight without stand: 2.2kg, weight with stand: 3.2kg

A301 Standard Stand
Delivered with all our spines.

A301.1 Four-Part-Stand
Suitable for regular or additional wall mounting. On request.

All male pelvis come with sectioned sacrum!

A207 Physiological Spine
Like A212, but with extra soft disc material, which shows natural compression of discs under movement of the spine. While moving the spine one side of a disc gets compression from the vertebrae above and below. The normal PVC plastic disc just gets thinner. Instead of this unnatural movement our A207 disc material gets pressed out of the vertebrae - just like natural human disc material does.

The A207:
- is extra flexible!
- has flexible pelvis mounting
- has ultra-soft special discs

A211 Spine with Herniated Disc
Like A212, but in addition with presentation of a herniated disc in the lumbar section. Flexible, with herniated disc, spinal cord, nerves, arteries, sectioned sacrum, femur heads and stand.

A211.8 Spine, extra flexible Metal Rod, with Herniated Disc
Like A211 with herniated disc, but the spine comes with an extra flexible metal joint rod.

A212.8 Spine with Standard Discs and extra flexible Metal Rod
Instead of our normal flexible tube inside, the spine comes with an extra flexible metal joint rod (small picture). Model allows demonstrations of injuries caused by flexing the spine harder than normal.

A261 Spine with Female Pelvis
Like our spine A212, but with female pelvis. Fully flexible, spinal cord, nerves, arteries, femur heads and stand. The sacrum of the female pelvis is not sectioned.

The A207 comes with an extra flexible metal joint rod and a flexible pelvis mounting, spinal cord, nerves, arteries, a sectioned sacrum, femur heads and stand.
A273 Dorn Spine
Like our spine A212, but the vertebrae are manufactured in different colours according to the theory of Dorn. Fully flexible, with hemiated disc, spinal cord, nerves, arteries, sectioned sacrum, femur heads and stand.

A210 Coloured Human Spine
Like our spine A212, but the cervical, thoracic and lumbar vertebrae are manufactured in different colours. Fully flexible, with hemiated disc, spinal cord, nerves, arteries, sectioned sacrum, femur heads and stand.

A209 Spine with Thorax
Flexible, with hemiated disc, occipital bone, spinal cord, nerves, arteries, sectioned sacrum, femur heads and stand.

A260 Spine with muscle painting
Like A212, with muscle painting in red for the muscle origins and blue for the muscle insertions. All muscles are numbered. With key. Fully flexible, with hemiated disc, spinal cord, nerves, arteries, sectioned sacrum, femur heads and stand.

A266 Spine with Thorax and Muscle Painting
Like A212, but with thorax and muscle paintings. Muscle origins were painted in red colour and muscle insertions were painted in blue colour. All muscles are numbered. The skeleton comes with key. The spine is fully flexible. All natural movements of spine and thorax such as breathing techniques can be simulated. Spine comes with hemiated disc, spinal cord, nerve ends, arteries, sectioned sacrum with a bony flap, femur heads and stand. This model is available only on request. You can choose with your order if you would like the model with or without herniated disc.

Size and weight like A209.

For better understanding human anatomy ...
A208.1 - 2 Vertebrae with Herniated Disc. Flexibly Mounted
The model contains two lumbar vertebrae and a dorsolateral herniated disc. The model allows to flex. It comes with extrasoft discs to show life-like deformation while compressing and bending the 2 vertebrae. While moving the vertebrae to the left, right, front or back, always one side of the affected disc gets compression from the vertebrae above and below. A normal disc - not as flexible as our material - just gets thinner in this specific area. Instead of this “unnatural” behavior of the disc while compression, our disc material gets pressed out between the two vertebrae - just like natural human disc material does. 12x11x9cm, 200gr.

A208.2 - 3 Vertebrae with Herniated Disc. Flexibly Mounted
(no picture) like A208.1 but with 3 vertebrae. 18x11x9cm, 300gr.

A215 Lumbar Spine
Flexible, with herniated disc, spinal cord & nerves. The sacrum is sectioned and can be opened by a bony flap to show the course of the spinal nerves. Spine is removable, on base. Size and weight: 30x11x18cm, 700gr.

A214 Thoracic Spine
Natural cast like all our skeleton, spine and skull models. The spine is fully flexible and comes with spinal cord and spinal nerve ends. The model comes with base and is removable. Size and weight: 30x7x7,5cm, 500gr.

A208 Pathology-Model
2 lumbar vertebrae with 3 removable and interchangeable discs. The discs show a normal stadium and two diseased discs, one with central and one with dorsal hernias. The model comes on base and is removable. Size and weight: 12x17,5x18cm, 400gr.

A275 Pelvis with Lumbar Spine and Lumbar Muscles
Natural cast like all our skeleton, spine and skull models. The spine is fully flexible and comes with superficial, deep and deeper muscles of the lumbar spine and back. Further it comes with spinal cord and spinal nerve ends. The model is removable on base. The mounting of ilium and pelvis is flexible. The natural movement of the basin joint could be demonstrated (see also page 21, model A219.2) 39x26x21cm/1,5kg.
A213 Cervical Spine
Natural cast, fully flexible, occipital bone, arteries, spinal cord, nerve ends, part of medulla oblongata and pons. On base. Size and weight: 25x10x18cm, 700gr.

A213.7 Cervical Spine with Muscles
The only model worldwide showing the main muscles of cervical spine and larynx. It also shows spinal cord, nerve ends and vertebral arteries. Muscles are flexible and you can show for example injuries caused by car accidents. Model is removable and comes on stand. With numbers and key. 25x10x18cm, 700gr.

A276 Pelvic Floor Muscles
High quality model of the pelvic floor musculature. Model shows all important muscles of the pelvic floor. Flexible pelvis mounting to show natural movement such as rotating and sliding movements between pelvis and sacrum. The model is flexible but single parts are not removable. Model comes with numbers and key. Size and weight like A219.

A219.1 Female Pelvis with Femur Heads (no picture)
Like A219.2 but with femur heads. Size and weight like A219.1

A219.2 Flexible Female Pelvis
Flexible pelvis mounting to show natural movement such as rotating and sliding movements between pelvis and sacrum. The single parts are not removable. Size and weight like A219.

A219.3 Flexible Female Pelvis with Femur Heads (no picture)
Like A219.2 but with femur heads. Size and weight like A219.1

A262 Skeleton with Female Pelvis
Like our A200 skeleton, but with a female pelvis. 180x40x60cm, 11kg.

A218 Male Pelvis
with 2 lumbar vertebrae.
24x24x16cm/1,0kg.

A218.1 Male Pelvis with Femur Heads (no picture)
with 2 lumbar vertebrae and femur heads. 24x24x21cm/1,2kg.

A219 Female Pelvis
with 2 lumbar vertebrae.
25x25x19cm, 1,2kg.

A219.1 Female Pelvis with Femur Heads (no picture)
with 2 lumbar vertebrae and femur heads. 25x25x28cm/1,3kg.

A219.2 Flexible Female Pelvis
Flexible pelvis mounting to show natural movement such as rotating and sliding movements between pelvis and sacrum. The single parts are not removable. Size and weight like A219.

A219.3 Flexible Female Pelvis with Femur Heads
(no picture) Like A219.2 but with femur heads. Size and weight like A219.1

A262 Skeleton with Female Pelvis
Like our A200 skeleton, but with a female pelvis. 180x40x60cm, 11kg.

A218 Male Pelvis
with 2 lumbar vertebrae.
24x24x16cm/1,0kg.

A218.1 Male Pelvis with Femur Heads (no picture)
with 2 lumbar vertebrae and femur heads. 24x24x21cm/1,2kg.

A219 Female Pelvis
with 2 lumbar vertebrae.
25x25x19cm, 1,2kg.

A219.1 Female Pelvis with Femur Heads (no picture)
with 2 lumbar vertebrae and femur heads. 25x25x28cm/1,3kg.

A219.2 Flexible Female Pelvis
Flexible pelvis mounting to show natural movement such as rotating and sliding movements between pelvis and sacrum. The single parts are not removable. Size and weight like A219.

A219.3 Flexible Female Pelvis with Femur Heads
(no picture) Like A219.2 but with femur heads. Size and weight like A219.1
A220 Human Skull

The Ruediger-Anatomy-Skull is the main recognition characteristic of all our skeletons! It is cast from a selected natural bone skull with all fine anatomical details. Beyond this we paid attention to find a real bone skull as a prototype which comes up with some anatomical specialties. The Ruediger-Skull does not only show anatomical standards, but it also explains that nature holds up some diversities.

For example the skull has an impacted third molar and a rare os interparietale between os occipitale and os parietale.

The A220 Human Skull is unbreakable in normal use and dissectable into 4 parts.

The skull comes with complete dentition of 31 individual and removable teeth with full roots. You may pull off teeth of maxillae and mandible for individual demonstration and place them back into the socket. A bony flap on one side of mandible can be opened to show nerve canal, bony structure, roots of teeth and an impacted third molar.

You may take off the top of the skull to see the fully reproducted structures of the inner skull. Of course all important nerve canals are opened.

For better understanding human anatomy ...

Quality - Made in Germany

A220a Structured Skull

This human skull is prepared with special colour to highlight and emphasize the individual bone structure, anatomical details and sutures.

Size and weight: 24x14x17cm, 1,0kg.

Not only two little hooks, but also special clips made of flexible plastic (see small picture below) or magnets hold the top of the skull and the base together. The plastic clips or magnets hold base and top of skull together even if it would be placed in the sun or would be exposed big temperature differences while its use.

Size and weight of the A220 skull: 24x14x17cm, 1,0kg.
For better understanding human anatomy...

**Skulls from Ruediger-Anatomy**

are cast from a selected natural bone skull with all fine anatomical details. They are unbreakable in normal use and dissectable into 4 parts.

The skull comes with complete dentition of 31 individual and removable teeth with full roots. You may pull teeth of maxillae and mandible for individual demonstration and place them back into the socket.

A bony flap on one side of mandible can be opened to show nerve canal, bony structure, roots of teeth and an impacted third molar.

You may take off the top of the skull to see the structures of the inner skull. All important nerve canals are opened.

Size and weight: 24x14x17cm, 1,0kg.

**A220.1 Skull with Nervous Canal**

Like our A220, but in addition with the representation of the nerve canals in the opened mandible. 24x14x17cm, 1,0kg.

**A221 Skull with Muscle Paintings**

This skull has in addition muscle origins coloured in red and muscle insertions coloured in blue. All muscles are labeled and numbered. The skull comes with key. 24x14x17cm, 1,0kg.

**A222 Skull with Numbers of anatomical Details**

Like A220, but with numbers indicating anatomical details such as different bones, bony parts, sutures, fissures, foramina etc. The skull is supplied with key. 24x14x17cm, 1,0kg.

**A223 Human Skull with Numbers and Paintings in the Inside of Skull**

comes with numbering of bones, bony parts, sutures, fissures and foramina (like A222) plus paintings of the venous sinus of dura mater and arteries on the inside of the skull. Also dental vessels and nerves are being shown on the inside of mandible. 24x14x17cm, 1,0kg.

**A223a Special Human Skull with Muscle Painting**

Like A223 with numbering of anatomical details, paintings of the venous sinus of dura mater and arteries inside the skull and dental vessels and nerves inside of mandible, but in addition with muscle origins and insertions. The skull comes with key. 24x14x17cm, 1,0kg.
A226 Deluxe Demonstration-Skull, 14-parts
If you are searching for details only a real bone skull could match but could not find any vendors, this is where your search ends!

Experts agree: This is one of the most detailed and accurate plastic human skull available on the market. Completely made by hand by our medical artists.

They have created a human skull to the minute detail only found in natural specimens. A selected human skull with full dentition was chosen for this preparation which is dissectible into 14 parts:

A horizontal section of the skull exposes the cranial cavity in which the course of the meningeal vessels, the venous sinuses and the internal carotid artery are indicated in colour.

A sagittal section exposes the structure of the nasal cavity including frontal and sphenoidal sinuses.

The frontal sinus is further dissected on one side by a bony section, on the other side it is resected in its outline. The temporal bone is removable and sectioned into two parts presenting internal ear in full view.

The mandible and the maxillae are opened on one side presenting the roots of teeth with dental vessels and nerves reinstated artificially in colour. The mandible is movable and can be taken off.

On the other side the maxillae can be opened by a bony window.

If you demand the most in anatomical detail from a plastic human skull, this skull is what we recommend. 24x14x17cm, 0,7kg.

For better understanding human anatomy...
A265 Skull on Cervical Spine with Muscles of Head and Muscles of Cervical Spine

This is the only model worldwide that shows the main muscles of head (on one side) and cervical spine (both side, different layers, see pictures on the right). All muscles are flexible and you can show for example the movement of the mandible while chewing. The muscles are numbered and the skull will be supplied with key.

Like the A224 this skull is cast from a selected natural bone skull. Unbreakable in normal use and dissectible into 3 parts. Comes with complete dentition of 31 individual and removable teeth with full roots. A bony flap on one side of mandible can be opened to show nerve canal, bony structure, roots of teeth and an impacted third molar. 24x14x30cm, 1.7kg.

A263 Skull with Muscles of Head

Only model worldwide that shows the main muscles of the head. All muscles are flexible and you can show for example the movement of the mandible while chewing. The muscles are numbered and the skull will be supplied with key. 24x14x17cm, 1kg.

A264 Skull on Cervical Spine with Cervical Muscles

Unique! The model shows the main muscles of the cervical spine, larynx and the jaw bone. Also it shows the spinal cord, nerve ends and vertebral arteries. All muscles are flexible and you can show for example the injuries caused by car accidents. The model is removable and comes on stand. With numbers and key. Like the A224 this skull is cast from a selected natural bone skull. Unbreakable in normal use and dissectible into 3 parts. Comes with complete dentition of 31 individual and removable teeth with full roots. A bony flap on one side of mandible can be opened to show nerve canal, bony structure, roots of teeth and an impacted third molar. 24x14x30cm, 1kg.

A224 Skull on Cervical Spine

Same fine quality as our A220, but in addition with cervical spine. The skull comes with 7 cervical verts, spinal cord with nerve ends and vertebral arteries. On stand. The skull can be taken off the cervical spine to the skull from below / see the full cervical spine. 24x14x30cm, 1kg.

For better understanding human anatomy ...

Quality - Made in Germany
The Ruediger-Anatomy-Snap-Skull / Didactic Skull

Our snap skull is dissectible into 18 parts. The parts can be disassembled along the natural sutures of a human skull.

Every single bone of the skull is cast from a selected natural bone skull with all fine anatomical details.

The skull comes with a dentition of 31 single removable teeth with full roots. You may pull teeth of maxillae and mandible for individual demonstration and place them back into the socket.

The Ruediger-Snap-Skull is not an unpretentious plastic product, it is a filigrane and high complex and on the production side complicated piece of industrial art.

The snap skull is disectible into the following parts:

1. Base of skull: Os sphenoidale (1 part, sphenoid bone), Os temporale (3 parts, temporal bone, one side of the temporal bone is opened into two parts to show the inner ear), Os occipitale (1 part, occipital bone).

2. Top of skull: Os frontale (1 part, frontal bone) and Os parietale (2 parts, parietal bone).

3. Face of skull: Os ethmoidale (1 part, ethmoid bone), Septum nasale osseum (1 part, vomer/perpendicular plate of ethmoid bone), Os nasale (1 part, nasal bone), Maxillae (2 parts, maxillae with 15 single teeth), Mandibula (1 part, mandible with 16 single teeth), Conchae nasales inferiores (2 parts, inferior nasal concha), Os zygomaticum (2 parts, zygomatic bone).

You can choose, if you want the connections either with nylon-clips or with magnets. 25x16x18cm, 1,0kg.

The main benefit of the clip connections is that the parts hold together stronger than with magnets. Therefore it is slightly harder to rebuild the disconnected clip-skull which is really easy with the magnetic version.

Choose between:
- Didactic skull, 18-parts, white
  - A229 with nylon-clips
  - A229.6 with magnets

- Didactic skull, 18-parts, strong colours
  - A229.1 with nylon-clips
  - A229.7 with magnets

- Didactic skull, 18-parts, light colours
  - A229.2 with nylon-clips
  - A229.5 with magnets

The Ruediger-Snap-Skull is available in 3 different colours and with clip connections made of synthetic material or magnets. You can choose between plain white (at least ebony colour - to see the structures more intense than in plain white), in strong colour code or in light colour code.

While comparable skulls from our competition were “slightly simplified” the Ruediger-Snap-Skull keeps its anatomical details! Because of our costly production process the structures, sutures, foramina and all other details of every single part of the skull remain 100%.

The main benefit of the clip connections is that the parts hold together stronger than with magnets. Therefore it is slightly harder to rebuild the disconnected clip-skull which is really easy with the magnetic version.

Choose between:
- Didactic skull, 18-parts, white
  - A229 with nylon-clips
  - A229.6 with magnets

- Didactic skull, 18-parts, strong colours
  - A229.1 with nylon-clips
  - A229.7 with magnets

- Didactic skull, 18-parts, light colours
  - A229.2 with nylon-clips
  - A229.5 with magnets

The Ruediger-Snap-Skull is available in 3 different colours and with clip connections made of synthetic material or magnets. You can choose between plain white (at least ebony colour - to see the structures more intense than in plain white), in strong colour code or in light colour code.

Choose between:
- Didactic skull, 18-parts, white
  - A229 with nylon-clips
  - A229.6 with magnets

- Didactic skull, 18-parts, strong colours
  - A229.1 with nylon-clips
  - A229.7 with magnets

- Didactic skull, 18-parts, light colours
  - A229.2 with nylon-clips
  - A229.5 with magnets
Paper or Laminated?

Wall charts, Posters and Mini Posters are available in paper or with “heavy” lamination. Laminated charts are: extremely durable and absolutely tearproof, suitable for marking and inscription with non-permanent markers (afterwards a mere wipe), permanently protected, decorative and attractive in your office. We give a 5-year-warranty on our laminated charts. When ordering laminated charts or posters please add “lam” to each order-no. of your requested chart. Wall charts and Posters are bound on top and bottom with sturdy rods supplied with a hook for hanging. Wall charts, Posters and Mini Posters are available in paper or with “heavy” lamination.

**Lehrtafeln** (70x100cm), **Poster** (50x70cm) und **Mini-Poster** (24x34cm)


Papier or Laminiert?

Anatomische Lehrtafeln, Poster oder Mini-Poster können Sie in Papier oder laminierter Ausführung erhalten. Hierbei werden die Tafeln in einem aufwändigen Verfahren beidseitig in eine besonders starke Klarsichtfolie aus Kunststoff eingeschweißt. Durch die Laminierung sind die Tafeln sehr eindrucksvoll und sind mit wasserlöslichem Filzstift zu beschriften (anschließend nur abwischen) sowie unverwüstlich und reißfest. Wir geben deshalb 5 Jahre Garantie auf unsere laminierten Tafeln. Um die Lehrtafel in ”Laminiert” zu erhalten, hängen Sie bitte der jeweiligen Best.Nr. der Tafel, des Posters oder Miniposters das Kürzel ”LAM” an.

**Français: Planches Anatomiques**

Nos planches anatmiques sont d’une qualité absolument inégalée. Une précision anatomique rigoureuse et une fidèlité de reproduction en couleur en font une illustration vivante de la réalité du corps humain. Ces véritables chefs d’œuvre ont été réalisés en collaboration par des professeurs d’anatomie et les meilleurs artistes spécialisés. Imprimées en quadrichromie sur du papier solide, glacé, ces planches sont légendées selon la Nomenclature Anatomique Française. Elles mesurent 70x100cm, et sont montées sur deux supports rigides inférieur et supérieur. Ce dernier est en crochet de suspension. Étudiants, praticiens et professionnels de santé, tous les enseignants de la discipline anatomique sont heureux de pouvoir disposer de ces planches exceptionnelles.

**Italiano: Poster Anatomici**

Grazie alla loro particolarità nei dettagli ed estrema accuratezza dei particolari, i nostri poster anatomici sono tra i più accurati e ben fatti al mondo. Disegnatori scientifici e professori di anatomia hanno collaborato insieme al fine di creare dei piccoli capolavori di anatomia.

I poster hanno una dimensione di 70x100cm, sono stampati a 4 o 5 colori su carta lucida e sono comodissimi da appendere grazie a bacchette metalliche presenti su entrambe le estremità corredate da gancio. Inoltre tutti i poster sono disponibili in lingua Italiana. Grazie al loro contenuto scientifico ma facile e pratico da leggere, i poster renderanno l’utilizzo gradevole e nello stesso tempo interessante a tutti i possibili fruitori: studenti in medicina, medici, professori, fisioterapisti ecc.

**Español: Tablas Anatómicas**

Nuestras láminas anatómicas son las mejores disponibles actualmente; extremadamente precisas en los detalles anatómicos y cuidadosamente coloreadas de semejanza del ser vivo. Los mejores artistas médicos en cooperación con profesores de anatomía han creado verdaderas pequeñas obras de arte. Estas láminas, de una hermosa impresión a cuatro colores en papel pesado, cuentan con una terminología anatómica completa en español. El tamaño de las láminas es de 70x100cm, y están protegidas en sus bordes superior e inferior por robustas varillas completadas por un anillo para colgar. Estudiantes, médicos, maestros, profesores, todos los profesionales van a disfrutar del trabajo con estas láminas de categoría.

For better understanding human anatomy...
For better understanding human anatomy...
For better understanding human anatomy ...
For better understanding human anatomy...

**MUSCULATURE OF THE HEAD**
- Poster, Format 50x70cm: PO-47
- Mini-Poster, Format 24x34cm: MIPO-47
- Head Muscles, Poster: PO-47e

**MUSCLES OF THE NECK**
- Poster, Format 50x70cm: PO-48
- Mini-Poster, Format 24x34cm: MIPO-48
- Neck Muscles, Poster: PO-48e

**MUSCLES OF ABDOMEN AND RIBS**
- Poster, Format 50x70cm: PO-51
- Mini-Poster, Format 24x34cm: MIPO-51
- Muscles Abdomen & Ribs, Poster: PO-51e

**THE MUSCLES OF THE HUMAN ARM**
- Poster, Format 50x70cm: PO-54
- Mini-Poster, Format 24x34cm: MIPO-54
- Muscles of the Arm, Poster: PO-54e

**THE MUSCLES OF THE HUMAN HAND**
- Poster, Format 50x70cm: PO-55
- Mini-Poster, Format 24x34cm: MIPO-55
- Muscles of the Hand, Poster: PO-55e

**MUSCLES OF THE HUMAN LEG**
- Poster, Format 50x70cm: PO-56
- Mini-Poster, Format 24x34cm: MIPO-56
- Muscles of the Leg, Poster: PO-56e

**MUSCLES OF THE FOOT**
- Poster, Format 50x70cm: PO-57
- Mini-Poster, Format 24x34cm: MIPO-57
- Muscles of the Foot, Poster: PO-57e

**MUSCLES OF THE SHOULDER AND BACK**
- Poster, Format 50x70cm: PO-50
- Mini-Poster, Format 24x34cm: MIPO-50
- Muscles Shoulder & Back, Poster: PO-50e

**Quality - Made in Germany**
For better understanding human anatomy...

**SPINAL MUSCLES**
- Poster, Format 50x70cm PO-49
- Mini-Poster, Format 24x34cm MIPO-49
- *Muscles of the Spine*, 30x70cm PO-49e

**HEAD AND NECK**
- Kopf und Hals, 70x100cm TA19
- *Head and Neck*, Chart, 70x100cm CH19
- and Mini-Poster, 24x34cm MIPO CH19

**RACHEN UND KEHLKOPF**
- Rachen und Kehlkopf
- Lehrtafel, Format 70x100cm TA30

**THE HUMAN SKULL**
- Schädelknochen, Lehrtafel, 70x100cm TA58
- Mini-Poster, Format 24x34cm MIPO-58
- *The Human Skull*, 70x100cm CH58

**THE HUMAN SKULL**
- Cranium Hominis, Lehrtafel, 70x100cm TA66
- Mini-Poster, Format 24x34cm MIPO-66
- M.-Origins/Insertions Skull, 70x100cm CH66

**HIP AND HIP JOINT**
- Hip and Hip Joint, 70x100cm CH59

**THE BONES OF THE LOWER LIMB**
- *Bones of the Lower Limb*, 50x70cm PO-67e

**BONES OF THE UPPER LIMB**
- Bones of the Upper Limb, 50x70cm PO-63e

Quality - Made in Germany
For better understanding human anatomy ...

**THE HUMAN EYE**

- **The Human Eye** 70x100cm

**THE HUMAN EAR**

- **The Human Ear** 70x100cm

**SKIN - HAIR - NAILS**

- **Skin, Hair and Nails** 70x100cm

**THE HUMAN HAND**

- **The Human Hand** 70x100cm

**HEALTHY AND DISEASED FEET**

- **Healthy and Diseased Feet** 70x100cm

**BLUTHOCHDRUCK**

- **Bluthochdruck** Poster, Format 50x70cm

**THE KNEE JOINT**

- **The Human Knee** 70x100cm

**HUMAN JOINTS AND LIGAMENTS**

- **Joints and Ligaments** 70x100cm

**HERZINFARKT**

- **Herzinfarkt** Poster, Format 50x70cm

**Das Menschliche Auge**
Lehrtafel, Format 70x100cm
**The Human Eye** 70x100cm

**Das Menschliche Ohr**
Lehrtafel, Format 70x100cm
**The Human Ear** 70x100cm

**Lehrtafel, Format 70x100cm**
**Mini-Poster, Format 24x34cm**
**Skin, Hair and Nails** 70x100cm

**Lehrtafel, Format 70x100cm**
**Postel, Format 50x70cm**
**Mini-Poster, Format 24x34cm**

**Das Menschliche Ohr**
Lehrtafel, Format 70x100cm
**The Human Ear** 70x100cm

**Lehrtafel, Format 70x100cm**
**Mini-Poster, Format 24x34cm**
**Skin, Hair and Nails** 70x100cm

**Das Menschliche Auge**
Lehrtafel, Format 70x100cm
**The Human Eye** 70x100cm

**Das Menschliche Ohr**
Lehrtafel, Format 70x100cm
**The Human Ear** 70x100cm

**Lehrtafel, Format 70x100cm**
**Mini-Poster, Format 24x34cm**
**Skin, Hair and Nails** 70x100cm

**Lehrtafel, Format 70x100cm**
**Postel, Format 50x70cm**
**Mini-Poster, Format 24x34cm**

**Das Menschliche Ohr**
Lehrtafel, Format 70x100cm
**The Human Ear** 70x100cm

**Lehrtafel, Format 70x100cm**
**Mini-Poster, Format 24x34cm**
**Skin, Hair and Nails** 70x100cm

**Lehrtafel, Format 70x100cm**
**Postel, Format 50x70cm**
**Mini-Poster, Format 24x34cm**

**Das Menschliche Ohr**
Lehrtafel, Format 70x100cm
**The Human Ear** 70x100cm

**Lehrtafel, Format 70x100cm**
**Mini-Poster, Format 24x34cm**
**Skin, Hair and Nails** 70x100cm

**Lehrtafel, Format 70x100cm**
**Postel, Format 50x70cm**
**Mini-Poster, Format 24x34cm**

**Das Menschliche Ohr**
Lehrtafel, Format 70x100cm
**The Human Ear** 70x100cm

**Lehrtafel, Format 70x100cm**
**Mini-Poster, Format 24x34cm**
**Skin, Hair and Nails** 70x100cm

**Lehrtafel, Format 70x100cm**
**Postel, Format 50x70cm**
**Mini-Poster, Format 24x34cm**

**Das Menschliche Ohr**
Lehrtafel, Format 70x100cm
**The Human Ear** 70x100cm

**Lehrtafel, Format 70x100cm**
**Mini-Poster, Format 24x34cm**
**Skin, Hair and Nails** 70x100cm

**Lehrtafel, Format 70x100cm**
**Postel, Format 50x70cm**
**Mini-Poster, Format 24x34cm**

**Das Menschliche Ohr**
Lehrtafel, Format 70x100cm
**The Human Ear** 70x100cm

**Lehrtafel, Format 70x100cm**
**Mini-Poster, Format 24x34cm**
**Skin, Hair and Nails** 70x100cm

**Lehrtafel, Format 70x100cm**
**Postel, Format 50x70cm**
**Mini-Poster, Format 24x34cm**
For better understanding human anatomy...

THE HUMAN BODY
Lehrtafel, Format 70x100cm TA52
Mini-Poster, Format 24x34cm MIPO-52
The Human Body 70x100cm CH52

VEGETATIVE NERVOUS SYSTEM
Lehrtafel, Format 70x100cm TA46
Mini-Poster, Format 24x34cm MIPO-46
Vegetative Nervous System 70x100cm CH46

FEMALE MUSCULAR SYSTEM
Lehrtafel, Format 70x100cm TA35
Poster, Format 50x70cm PO-35
Female Muscular System 70x100cm CH35

THE FEMALE BREAST
Die Weibliche Brust Lehrtafel, Format 70x100cm TA34
The Female Breast 70x100cm CH34

KIDNEY AND URETER
Niere und Harnleiter Lehrtafel, Format 70x100cm TA24
Kidney and Ureter 70x100cm CH24

Urinary Bladder and Urethra
Harnblase und Harnröhre Lehrtafel, Format 70x100cm TA27
Urinary Bladder and Urethra 70x100cm CH27

THE PROSTATE GLAND
Die Prostata Lehrtafel, Format 70x100cm TA62
The Prostate Gland 50x70cm PO-62a

REPRODUCTIVE ORGANS OF THE MALE
Männliche Geschlechtsorgane Lehrtafel, Format 70x100cm TA23
Male Genital Organs 70x100cm CH23

The Female Genital Organs
Weibliche Geschlechtsorgane Lehrtafel, Format 70x100cm TA22
Female Genital Organs 70x100cm CH22

Quality - Made in Germany
For better understanding human anatomy ...

Quality - Made in Germany
For better understanding human anatomy...

**Dorn Method Therapy**
- Lehrtafel, Format 70x100cm TA41
- Poster, Format 50x70cm PO-41
- Mini-Poster, Format 24x34cm MIPO-41

Dorn Therapy, Poster 50x70cm PO-41e

**Acupuncture and Dorn Therapy**
- Lehrtafel, Format 70x100cm TA44
- Poster, Format 50x70cm PO-44
- Mini-Poster, Format 24x34cm MIPO-44

**Interactions Between Teeth and Organs**
- Lehrtafel, Format 70x100cm TA75
- Mini-Poster, Format 24x34cm MIPO-75

**Craniosacrale Osteopathie**
- Lehrtafel, Format 70x100cm TA61
- Mini-Poster, Format 24x34cm MIPO-61

**Cranial Osteopathy**
- Lehrtafel, Format 70x100cm TA72
- Mini-Poster, Format 24x34cm MIPO-72

**Irisdiagnosis**
- Poster, Format 50x70cm PO-26
- Mini-Poster, Format 24x34cm MIPO-26
- Irisdiagnosis 50x70cm PO-26e

**Meridiane und Dorntherapie**
- Lehrtafel, Format 70x100cm TA41
- Poster, Format 50x70cm PO-41
- Mini-Poster, Format 24x34cm MIPO-41

Dorn & Meridians, Poster 50x70cm PO-44e

**Dorn & Meridians**
- Lehrtafel, Format 70x100cm TA44
- Poster, Format 50x70cm PO-44
- Mini-Poster, Format 24x34cm MIPO-44

**Meridians**
- Lehrtafel, Format 70x100cm TA73
- Mini-Poster, Format 24x34cm MIPO-73

**Lymphatic Drainage**
- Lehrtafel, Format 70x100cm TA75
- Mini-Poster, Format 24x34cm MIPO-75

**Relationship Teeth & Organs**
- Poster 50x70cm PO-75e

**Flipchart Stand**
We supply you with our flipchart stand for up to 25 laminated charts or Posters. Order No. “STA”.
Please tell us your requested charts, because the stand is not suitable for selfmounting.

**Taping Basic Techniques**
- Lehrtafel, Format 70x100cm TA73
- Mini-Poster, Format 24x34cm MIPO-73

**Cranial Osteopathy**
- Lehrtafel, Format 70x100cm TA41
- Mini-Poster, Format 24x34cm MIPO-41

**Cranial Therapy**
- Lehrtafel, Format 70x100cm TA72
- Mini-Poster, Format 24x34cm MIPO-72

**Lymphatic Drainage**
- Lehrtafel, Format 70x100cm TA75
- Mini-Poster, Format 24x34cm MIPO-75

**Relationship Teeth & Organs**
- Poster 50x70cm PO-75e

Quality - Made in Germany
ACUPUNCTURE

For better understanding human anatomy ...
For better understanding human anatomy...

ACU11
Acupuncture Ear
Enlarged Ear Model (size 12x7cm, 3"x5") with all important acupuncture letters and numbers and reference booklet in English and Chinese. 12x7cm.

ACU12
Acupuncture Models
with all acupuncture points and meridians. Made of soft vinyl plastic and mounted on wooden base. Comes with instructional booklet in English and Chinese. Size is 45 cm (18”).

Male ACU 12
Female ACU 13

Quality - Made in Germany
3-Dimensional Charts
Some of our anatomical Wall Charts and Posters charts are now also available in 3D. The charts measure 54x74 cm and are made of durable, lightweight, non-toxic, recyclable plastic. Please ask for availability of relief charts in English.

Mini-Poster-Set
You can have your English Mini-Posters bound in a ring binder, as well.
You are free to choose 10 or 20 different motives:
- MIPO-Set10 10 Mini-Posters in a ring binder
- MIPO-Set20 20 Mini-Posters in a ring binder

Anatomical Postcards

PK18e  PK55e  PK05d  PK37e  PK58d  PK10/e  PK11d
PK12e  PK03d  PK36d  PK06e  PK55d  PK14e  PK26d
PK57e  PK25d  PK VII d  PK60d

Deutsch: RD04  English: RR04
Deutsch: RD03  English: RR03
Deutsch: RD06  English: RR06
Deutsch: RD05  English: RR05
Deutsch: RD07  English: RR07
For better understanding human anatomy...

**B32 Dual-Sex Torso, 20-part**
The quality of this torso is impressive, just like the price! Use it to answer all questions on internal human anatomy you ever had. It contains these removable components: 2-part head, female chest wall, 2 lungs, 2-part heart, stomach, liver with gall bladder, 2-part intestinal tract, front half of kidney, 4-part male genital insert, 3-part female genital insert with embryo, with torso guide. 87x38x25cm, 7.3kg

**B08 Female Torso, 20-part**
like B32, additionally featuring: 2 lungs, female chest wall, 3-part female genital insert with removable embryo, with torso guide, 87x38x25cm, 7.2kg

**B15 Male Torso, 20-part**
like B32, additionally featuring: 2 lungs with sternum and rib attachments, 4-part male genital insert, with torso guide, 87x38x25cm, 7.2kg

**B11 Unisex Torso, 16-part**
removable parts: 3-part head, 2 lungs with sternum and rib attachments, 2-part heart, stomach, liver with gall bladder, 4-part intestinal tract, front half of kidney, front half of urinary bladder. Supplied with torso guide. 87x38x25 cm, 6.8 kg

**B13 Unisex Torso, 14-part**
This popular school torso is supplied with the following removable parts: 2-part head, 2 lungs, 2-part heart, stomach, liver with gall bladder, 2-part intestinal tract, front half of kidney, front half of urinary bladder. Supplied with torso guide. 87x38x25 cm, 5.9 kg

**B12 Unisex Torso, 11-part**
B13 without head, 70x38x25 cm, 5.5kg.

**B22 Mini-Torso 12-part**
half life-size. Removable: 2-head halves, brain half, 2 lungs, 2-part heart, stomach, liver with gall bladder, 2-part intestinal tract, guide, 54x24x18cm, 2.0kg

**B20 Mini-Torso**
B22 without head, 42x24x18cm, 1.9kg

**B35 Dual Sex Super Torso, 28-part**
with opened back to study vertebrae, intervertebral discs, spinal cord, spinal nerves, vertebral arteries. Removable parts: 7th thoracic vertebra, female chest wall, 6-part head, female breast covering: 2 lungs, 2-part heart, 2-part stomach, liver with gall bladder, 4-part intestinal tract, front half of kidney, 4-part male genital insert, 3-part female genital insert with embryo, Comes with torso guide. 87x38x25cm, 7.6kg
For better understanding human anatomy...

**VA01 Muscular Figure, 37-part**

Life size male model from the German Museum of Hygiene in Dresden shows the deep and superficial musculature. Parts: skull cap, 6-part brain, eyeball, breast and abdominal wall, both arms, 2-part larynx, 2 lungs, 2-part heart, diaphragm, 2-part stomach, liver with gall bladder, kidney, whole intestine system, bladder half, 2-part penis, 10 muscles, 180x110x50cm; 26.0kg

**VA16 Muscle Torso, 27-part**

Life size, parts: skull cap, 6-part brain, eyeball with optic nerve, chest / abdominal wall, 2-part larynx, 2 lungs, 2-part heart, diaphragm, 2-part stomach, liver with gall bladder, complete intestinal tract with appendix, front half of kidney, half urinary bladder, 4 muscles, 95x60x35cm; 14.0kg

**B50/B51 Dual Sex Figure, 45-part**

3/4 life size with: 5 arm/shoulder muscles, 8 leg/hip muscles, 2-part heart, 2-part lungs, 2-part stomach, 4-part male and 2-part female genital inserts, detachable arms, leg, head, and abdominal wall. Model depicts deep and superficial musculature, major nerves, vessels, tissues and organs. The internal organs are removable: Calvarium, 3-part removable brain, liver, gall bladder, bile duct, appendix, stomach lungs, heart, kidney. With key card and more than 600 numbered structures, 138x50x32 cm, 12.4 kg

**B51 Female Muscle Figure, 23-part**

Like B50, but without internal organs, brain and male genital inserts, 11.2kg

**B53 Muscular Figure, 39-part**

Life size, dual sex, shows muscles with nerves, vessels and bony structures on the left. Parts: 2-part head, brain half, sternocleidomastoideus muscle, 6-part arm (deltoid, biceps, triceps, long palmar muscle, brachioradial muscle), 5-part upper leg (sartorius, vastus maximus, rectus femoris, long head of biceps femoris muscle), 2-part lower leg (gastrocnemius), chest / abdominal wall with mammary gland, 2 lung halves, 2-part heart, liver with gall bladder, 2-part stomach, half kidney, 4-part intestine set, 3-part female genital insert with embryo, 4-part male genital insert, 174cm, 28kg

**B40 Muscle-Torso, 31-part**

Dual-Sex. It depicts the superficial and deep muscles. Deltoid and gluteus maximus muscle are removable. You can also study the vertebrae, the spinal cord, spinal nerves and vertebral arteries, exchange the male and female genital inserts, investigate the internal structures of the brain etc. The following parts are removable: 6-part head, chest and abdominal wall with muscles, 7th thoracic vertebra, female mammary gland, glutus maximus and deltoid muscle, 2 lungs, 2-part heart, 2-part stomach, liver with gall bladder, 4-part intestinal tract, front half of kidney, 3-part female genital insert with embryo, 4-part male genital insert. Supplied with torso guide. 87x38x25cm, 8.5kg

**B56 Female Figure, 21-part**

1/2 life-size, 5 arm- and 8 leg muscles, detachable abdominal wall, 400 numbered structures, 84x30x30cm, 4.1kg

**B55 Dual Sex Figure, 33-part**

Like B56, but with internal organs: 2-part heart, 2-part brain, 2 lungs, 2-part male and 2-part female genital inserts, abdominal wall. Model depicts deep and superficial musculature, 138x50x32 cm, 12.4 kg

**B59 Mini Muscular Figure, 2-part**

1/3 life size, shows superficial musculature. Removable chest plate, on base, 57x25x18cm, 2.1kg.
For better understanding human anatomy ...

B42 Dual Sex Torso, 33-part life size torso with removable 6-part muscle arm. The right half shows the skin, the left half the superficial and deeper muscles with nerves, vessels and bony structures. Removable parts: 2-part head, brain half, sternocleido-

M10 Muscle Arm 3/4 life size, 6-part, model shows superficial and deeper muscles.

M20 Muscle Leg 3/4 life size, 9-part, on stand. 77x26x26cm, 4,0kg

M21 Muscle Leg, 7-part, 100cm, 7kg M22 Lower Leg, 3-part, 58cm, 2,6kg both life size, on base

A880 Shoulders Joint with rotator cuff, 5-part, removable muscles, muscle origins in red colour and muscle insertions in blue colour, 18x18x24cm, 0,85kg

A881 Hip Joint 7-part, removable muscles, muscle origins in red colour and muscle insertions in blue colour, 18x32x18cm, 1,5kg

C14 Half Head with Musculature shows outer, superficial and internal (median section) structures of head and neck, on stand. 22x18x46cm, 1,1kg

C14 Half Head with Musculature shows outer, superficial and internal (median section) structures of head and neck, on stand. 22x18x46cm, 1,1kg

M11 Muscle Arm life size, 6-part, on base, 70cm, 3,0kg

M22 Lower Leg, 3-part, 58cm, 2,6kg both life size, on base
For better understanding human anatomy ...

C05 Muscle Head
3/4 life size, 5-part, superficial and deep muscles, nerves and vessels. Dissectible into skull cap and 3-part brain. Base, 36x18x18cm, 1.8kg

C07 Head with Neck, 4-part
life size, shows the muscles with nerves, vessels, bony structures, 1/2 brain, on base, 26x33x23cm, 2.2kg

C07 Head with Neck, 4-part
life size, shows the muscles with nerves, vessels, bony structures, 1/2 brain, on base, 26x33x23cm, 1.0kg

C09/1 Head Model
life size, 6-part. Our most detailed head model. With removable 4-part brain half with arteries. Eyeball with optic nerve is also removable and one side exposes nose, mouth cavity, pharynx, occiput and skull base. On removable base, 19x23x22cm, 1.0kg

C10 Brain, 2-part
medially sectioned, with coloured details, on base, 15x14x17.5cm, 0.7kg

C15/1 Brain
like C15, but without painting

C16 Brain, 4-part, medially divided
handpainted, numbered, dissectable into: frontal/parietal lobes, brain stem with temporal and occipital lobes, 1/2 cerebellum, on base. 14x14x17.5cm, 0.9kg

C15 Brain, 2-part
medially sectioned, with coloured details, on base, 15x14x17.5cm, 0.7kg

C15/1 Brain
like C15, but without painting

C20 Brain with Arteries, 9-part
removable basilar artery. Parts: Frontal with parietal and temporal with occipital lobes, half brain stem, half of cerebellum, on base, 16cm, 0.9kg

C20 Brain with Arteries, 9-part
removable basilar artery. Parts: Frontal with parietal and temporal with occipital lobes, half brain stem, half of cerebellum, on base, 16cm, 0.9kg

C25 Brain with Head
8-part, C20 deluxe brain together with opened head. Medially opened shows brain arteries. Both halves can be disassembled into frontal with parietal lobes, temporal with occipital lobes, brain stem, cerebellum. On base. 15x15x23cm, 1.6kg

C25 Brain with Head
8-part, C20 deluxe brain together with opened head. Medially opened shows brain arteries. Both halves can be disassembled into frontal with parietal lobes, temporal with occipital lobes, brain stem, cerebellum. On base. 15x15x23cm, 1.6kg

C22 Brain, 8-part, dissectible like C17
paintings: Pre and postcentral region, Broca and Wernicke areas, Heschl’s gyrus, brain nerves and ventricles, on base.

C22 Brain, 8-part, dissectible like C17
paintings: Pre and postcentral region, Broca and Wernicke areas, Heschl’s gyrus, brain nerves and ventricles, on base.
For better understanding human anatomy ...

**EZ M26 Rheumatic Hand**
Life size, 1-part. Shows the effects on joints and muscles. 14x24x4cm, 0,57kg

**EZ M260 Hand Model**
Life size, 1-part. 14x24x4cm, 0,57kg

**M18 Hand Structure Model**
3-part, full size. Shows bones, muscles, tendons, ligaments, nerves, and arteries of superficial and deep palmar arches. Palmar aponeurosis and plate of superficial tendons removable, 28,5x13x6,5cm, 1,2kg

**M33 Hand Skeleton**
With ligaments and carpal tunnel, 3-part, 30x14x10cm, 0,3kg

**M34 Foot Skeleton**
With ligaments, 7-part, 23x18x30cm, 0,6 kg

**Feet, life size:**
**M30 Normal Foot**
Pes, 13x24x9cm, 0,4kg
**M31 Flat Foot**
Pes Planus, 12x24x10cm, 0,4kg
**M32 Hollow Foot**
Pes Cavus, 13x23x10cm, 0,4kg

**M33/1 Hand with Ligaments and Muscles**
4 part, dorsal side shows the extensor muscles, palmar face shows inner hand in three layers. The first two are removable to allow a detailed study of the deeper anatomical layer. 33x12x12cm, 0,4kg

**M34/1 Foot with Ligaments and Muscles**
6-part, removable muscles, shows bones, muscles, tendons, ligaments, nerves, arteries and veins, 23x26x19cm, 1,1kg

**EZ M260**

**EZ G26**

**EZ G260 Hand Model**
Life size, 1-part. 14x24x4cm, 0,57kg

**EZ G40 Arteriosclerosis Model**
2-part, 15cm, 0,2kg

**EZ G410 Respiratory System**
Life size, with dissectible heart. With stand, 41x23x19cm

**EZ G410 Respiratory System**
Life size, with dissectible heart. With stand, 41x23x19cm

**EZ G52 Lung Diseases**
Shows healthy and diseased structures, 11x14x21cm

**EZ G52 Lung Diseases**
Shows healthy and diseased structures, 11x14x21cm

**G15 Lung Model with Larynx, 7-part**
Removable: 2-part larynx, trachea with bronchial tree, 2-part heart, subdavian artery and vein, vena cava, aorta, pulmonary artery, oesophagus, 2-part lung, diaphragm, on base. 31x41x12cm, 2,9kg.

**G35 Hypertension Model**
7-part, with most susceptible organs: Brain, eye, 2-part heart, 2-part kidney, enlarged artery, 0,9kg

**G38 Typ II Diabetes Modell**
Mini-brain, eye, heart, kidney, artery, pancreas, neuron und foot model, 25cm high

**G40 Hypertension Model**
2-part, 15cm, 0,2kg

**Standards**
For better understanding human anatomy ...

G08 Classic Heart, 2-part
3/4 life size, front heart wall is detachable, with chambers, valves, veins and aorta, on stand, 19x12x12cm, 0.3kg

G12 Heart, 2-times life size, 4-part
2-times life size. Atrium walls and front heart wall are removable. On stand. 32x18x18cm, 1.3kg

G13 Heart with Oesophagus & Trachea
2-times life size, 5-part, like G12, but additionally depicts upper section of oesophagus, upper bronchi and ascending aorta, on stand, 32x18x18cm

G05 Heart with Bypass, 2-part
Like G08, but including venal bypasses to the right coronary artery, to the ramus interventricularis anterior and to the ramus circumflexus of the left coronary artery, on stand, 19x12x12cm, 0.35kg

G08/1 Heart with Thymus, 3-part
Same features as G08, however including thymus. 20x12x12cm, 0.3kg

G06 Heart with Bypass, 4-part
2-times life size. Shows: inner chambers, venal bypass to the ramus posterolaterals of the right coronary artery, to the ramus interventricularis ant. of the left coronary artery with branching to the ramus diagonals as well as a bypass to the ramus circumflexus of the left coronary artery.

G08/3 Transparent Heart, 2-part
Same features as G08, but transparent complete conducting system is represented in colour, on stand. 19x12x12cm, 0.2kg.

EZ G210 Heart, 2-parts
Small heart model. Front heart wall is detachable, with chambers, valves, veins and aorta, on stand. On base 8x8x14cm, 0.4kg

G04 Ventricular Hypertrophy Heart
(LVH), 2-part, like G08, but shows effects of increased heart activity. 20x15x16cm, 0.45kg

DY12 Heart of America
2-times life size. Handpainted, unbreakable vinyl model. Three hinged portals allow access to heart chambers and valves. With 63 number-coded cardiac structures. On wooden stand, 18x18x38cm

W16001 Functional Circulatory System
Schematic model. Coloured water flows through transparent veins, arteries, capillaries and heart chambers. Different colours portray the oxygenation / deoxygenation, on base, 36x16x38cm, 1.5kg

G01 Heart Model, 5-part
Original reproduction of a real human heart. 25x21x13cm, 1.52kg

VD250 Giant Heart
8 times life size, for exhibitions and lecture halls, on stand. 100x90x70cm, 35kg

G01/1 Heart Model
Didactically prepared original reproduction of a real human specimen with magnetic connections, 13x19cm, 0.6kg

VD251 Heart on Diaphragm
3 times life size, 10-part. Removable: Oesophagus, trachea, superior vena cava, aorta, pulmonary artery stem, both atrium walls, both ventricle walls. 41x33x28cm, 3.6kg
For better understanding human anatomy ...

**E10 Ear, 3-times life size, 4 part**
Representation of outer, middle, inner ear. Removable: Eardrum with hammer, anvil and stirrup as well as 2-part labyrinth with cochlea and auditory/balance nerve, on base. 34x16x19cm, 1.25kg

**E11 Ear, 3 times life size, 6 part**
Same as E10. Representation of outer, middle, inner ear, additionally with two movable bone sections to close the middle and inner ear, on base. 34x16x19cm, 1.55kg

**E12 Desktop Ear**
1,5 llf size. Representation of outer, middle, inner ear, 1-part, on base, 14x10x14,7cm, 0,35kg

**EZ E133 Transparent Ear**
life size. 9,5x6,3x7cm

**EZ E25 Child Ear**
1,5-life-size. With otitis. 12x10x9cm, 0,5kg

**G21 Larynx, 2 times life size, 7-part**
Medially sectioned model shows: Larynx, hyoid bone, windpipe, ligaments, muscles, vessels, nerves, thyroid gland. Thyroid cartilage, 2 muscles and 2 thyroid gland halves are removable. On stand. 12x12x22cm, 0,5kg

**G22 Larynx, 2-part**
This model shows most of the same features as G21, but only divisible into 2 halves. On stand. 9x9x14cm, 0,15kg

**G20 Functional Larynx**
2.5 times life size. removable: epiglottis, vocal cords and arytenoid cartilage. Additionally representing the following structures: Hyoid bone, cricoid cartilage, thyroid cartilage, thyroid, parathyroid glands, on stand, 14x14x28cm, 0,8kg

**J10 Skin Section, 70 times life size**
Relief: hair follicles, sweat glands, receptors, nerves ... 26x33x3,5cm, 1,0kg

**J11 Skin Sections, 40 times full-size**
Relief: hair follicles, sweat glands, receptors, nerves ... 24x18x3,5cm, 0,2kg

**J14 Skin Sections**
microscopic structure 10x13x14cm, 0,39kg

**J15 Skin Cancer**
in 6 Stages, 8-times life size 14x10x11,5cm, 0,2kg

**J13 Skin, Block Model**
70 times full size. Shows skin in 3-D. Skin layers are differentiated. Also shown: hair, sebaceous, sweat glands, receptors, nerves and vessels. Mounted on baseboard. 44x24x23cm, 3,6kg

**J13 Skin, Block Model with Burn Pathologies**
75 times life size. Front with normal skin, back illustrates the progressive severity of injury caused by burns in 3 stages. On wooden base, 46x25x8cm, 2,75kg

**G20 Nose with Paranasal Sinuses, 5-part**
1,5-times life size, with removable transparent skin. Model illustrates the structure of the nose with the paranasal sinuses. 26x19x24cm, 0,8kg

**DY11 Head and Neck, 5-parts**
medially divided, 38x36x25cm, 3,0kg

**DY33 Human Skin with Burn Pathologies**
75 times life size. Front with normal skin, back illustrates the progressive severity of injury caused by burns in 3 stages. On wooden base, 46x25x8cm, 2,75kg
For better understanding human anatomy...

**F10 Giant Eye, 5 times full-size, 6-part**
Removable parts: Upper half of the sclera with cornea and eye muscle attachments, both halves of the choroid with iris and retina, lens, vitreous humour, on base, 13x14x21 cm, 0.6 kg

**F11 Eye, 5-times life size, 7-part**
Like F10, but on base of bony orbit

**F15 Eye, 3-times life size, 6-part**
Removable parts: Upper half of the sclera with cornea and eye muscle attachments, both halves of the choroid with iris and retina, lens, vitreous humour, on base, 9x9x15 cm, 0.1 kg

**F13 Eye in Bony Orbit, 7-part**
3-times life size. Like F10 but shows eyelid, lacrimal system and more. On base of bony orbit, 18x26x19 cm, 1.1 kg

**D20 Dentition Development**
natural cast, 4 different stages: New born, approx. 5-year old child, approx. 9-year old child, young adult, on base. 33x10x20 cm, 0.5 kg

**D15 Giant Molar with Dental Caries**
15 times life-size, 6-part, contains removable pulp and three tooth inserts with different stages of advanced caries, on stand, 24 cm, 1.5 kg

**EZ D19 Transparent Jaw Model**
natural size, healthy and diseased teeth, with roots of teeth

**D16 Dental Care Model with Brush**
3-times life size, 18x23x12 cm, 1.5 kg
K15 Stomach, 2-part
shows layers of stomach wall, lower oesophagus, vessels, nerves. The front half of stomach is removable. On stand. 25x22x12 cm, 0.8 kg

K16 Stomach, 3-part
Like K15, but with removable duodenum and pancreas. On stand. 25x22x12 cm, 0.8 kg

K18 Diseases of the Oesophagus
Represented: Reflux oesophagitis, Ulcer, Barrett’s Ulcer, oesophageal carcinoma, oesophageal varices, hiatus hernia. On base. 14x10x19 cm, 0.2 kg

K15 Stomach with Ulcers
half life size. Stomach section with oesophagus shows: erythematous gastritis, erosive gastritis, hemorrhagic gastritis, healing stage with scar formation, atrophic gastritis, hypertrophic gastritis, bleeding ulcer, perforated ulcer. Additional relief model with further representations. On base, 14x10x17 cm, 0.3 kg

K21 Digestive System
3-part, life size, transverse colon and front stomach wall are removable. 81x33x10 cm, 4.3 kg

K20 Digestive System (no picture)
2-part. Like K21, however without removable stomach half. 81x33x10 cm, 4.3 kg

K12 Kidney with Adrenal Gland
2-parts, with renal and adrenal vessels, on stand, 20x12x12 cm, 0.9 kg

K11 Kidney Section, Nephrons, Blood Vessels and Renal Corpus
3 models (K10, K10/1, K10/2), on base. 29x2x0 cm, 2.8 kg

K22/3 Kidneys with Rear Organs of Upper Abdomen
3-parts

K22/1 Kidneys with Vessels, 2-part
Natural size. Kidney front half removable 21x19x28 cm, 1.0 kg

K22/2 Rear Organs of Upper Abdomen
On base. 23x12x20 cm, 0.55 kg

K25 Liver with Gall Bladder
On base, 22.5x26x18.5 cm, 1.3 kg

K245 Female Bladder
life-size, 16x15x4 cm, 0.6 kg

K245 Colon with Diseases
smaller than life-size, removable, on base.

K16 Stomach, 3-part
Like K15, but with removable duodenum and pancreas. On stand. 25x22x12 cm, 0.8 kg

K18 Diseases of the Oesophagus
Represented: Reflux oesophagitis, Ulcer, Barrett’s Ulcer, Oesophageal carcinoma, Oesophageal varices, hiatus hernia. On base. 14x10x19 cm, 0.2 kg

K22/2 Rear Organs of Upper Abdomen
On base. 23x12x20 cm, 0.55 kg

K22/3 Kidneys with Rear Organs of Upper Abdomen
3-parts
For better understanding human anatomy...

**H11 Male Pelvis**
2-part, medially sectioned. Rectum is removable, on base, 41x31x17cm, 2.5kg

**L15 Embryo**
25 times life size, on base. 12x12x23cm, 0.3kg

**H10 Female Pelvis**
2-part, medially sectioned. Genital organs partly removable, 41x31x20cm, 2.2kg

**L10 Pregnancy Series**
8 models to show all the stages of pregnancy development. 12x12x19cm, 3.2kg

**L20 Pregnancy Model, 3-parts**
Median section through the female pelvis during the 40th week of pregnancy with removable foetus. 38x25x40cm, 3.8kg

**L31 Female Pelvis Skeleton**
with genital organs, flexibly mounted, on base, 33x26x18cm, 2kg

**H20/2 Female Pelvis**
with ligaments, 3-part, 19x27x19cm, 1.0kg

**H20/3 Female Pelvis**
additional with muscles & organs, 4-part, 19x27x19cm, 1.3kg

**H20/4 Female Pelvis**
with vessels, nerves, pelvic floor, 6-part, 19x27x19cm, 1.6kg

**L30 Childbirth Pelvis**
33x26x18cm, 1.8kg

**EZ L280**
Cross Section of the Female Breast
natural size, shows also different diseases, 10x16x8cm, 0.4kg

**EZ L261**
Model of the Uterus
natural size, handpainted, on base, 23x16x6cm, 0.5kg

**EZ L262**
Uterus with Diseases
natural size, shows different diseases, handpainted, on base, 23x16x6cm, 0.5kg

**EZ H224**
Prostate Diseases
half natural size, sagittal section of a male pelvis, 13x16x2cm
A280 / A291 Skull, 22-part
This high quality natural cast made of durable, dimensionally stable plastic reveals the complex structure of the human skull in an exceptionally clearly way. The 22 individual bones can be firmly and precisely assembled at the well defined skull sutures using robust inconspicuous connectors. This means that the skull can be handled without falling apart, which differentiates it from alternative wobbly models with magnetic connectors. The perfectly interlocking sutures illustrate the adhesion of a genuine human skull very realistically. The bones are didactically dyed in nine lasting colours for ease of identifying the various skull sections. Pairs of bone plates are the same colour.

A290 White Coloured Skull, 22-part
A291 Didactic Coloured Skull, 22-part
The skull consists of the following individual bones: Parietal bone (left and right), Occipital bone, Frontal bone, Temporal bone (left and right), Sphenoid bone, Ethmoid bone, Vomer bone, Zygomatic bone (left and right), Upper jaw (maxilla) with teeth (left and right), Palatine bone (left and right), Nasal concha (left and right), Lacrimal bone (left and right), Nasal bone (left and right), Lower jaw (mandible) with teeth. The teeth are removable. External structures from the transparent half to the bony skull half. The lower jaw is mounted flexibly. 16x14x21cm, 0.54kg

A292 Transparent / Bony Skull, 8-part
The right, transparent skull half allows the study of important anatomical details, such as the location of the paranasal sinuses. In combination with the left, bony skull half, a direct transfer of the invisible structures is possible. The jaw allows an view onto the periodontal pockets and roots. The teeth are removable. External masticator muscles are represented on the bony skull half. The lower jaw is mounted flexibly. 16x14x21cm, 0.54kg

A282 Didactic Deluxe Skull, 7-part
Unique high quality model! You can transfer structures from the transparent half to the bony half. On the transparent skull half the paranasal sinuses can be located from outside, since these are marked in different colours: maxillary sinus (yellow), ethmoidal cells (orange), frontal sinus (green), sphenoidal sinus (purple). Cranial sinuses and neck and face arteries are shown in colour: sinuses of dura mater (blue), common carotid artery, external and internal carotid artery and branches of the meningeal artery (red). One brain half, which is also visible through the skull-cap, allows visualization of the position of the brain and the course of the sinuses. The periodontal pockets and tooth roots can be seen through the transparent jaw. The lower jaw is mounted flexibly to demonstrate the masticator movements. The skull is mounted on a cervical spine and can be disassembled into both halves of the skull-cap, the left half of the base of skull, the nasal septum, the complete mandible and brain half. 35x18x18cm, 1.0kg

A290 / A291 Skull, 22-part
This detailed natural cast shows a complete midsagittally sectioned skull. It can be disassembled into both halves of the skullcap and the base of skull, the nasal septum and the complete mandible. To demonstrate masticatory movement, the lower jaw is mounted flexibly. This is the world’s best series made skull replica. 16x14x21cm, 0.5kg

A281 Bony Skull, 6-part
For better understanding human anatomy ...
For better understanding human anatomy ...

**A227 Model “Correct Lifting”**
Model shows the movement of the spine while lifting correct and incorrect. On base, 28x21x21,5cm, 1,4kg

**A228 Osteoporosis Model**
3 mediately divided lumbar vertebrae with discs. Shows healthy bone / osteoporotic bone / advanced osteoporotic bone structure with flatted plates, deformation and decreased mass. 16x12x16cm, 500gr.

**A228 Osteoporosis Femur Head**
Model shows the difference between a healthy and a diseased bone (osteoporosis and broken leg). Removable, on base.

**A228 Osteoporosis Hip Model**
3 small hip models, flexible and removable. With stand. 34x12x19cm, 1,1kg

**A227 Model “Correct Lifting”**
Model shows the movement of the spine while lifting correct and incorrect. On base, 28x21x21,5cm, 1,4kg

**A228 Osteoporosis Hip Model**
3 small hip models, flexible and removable. With stand. 34x12x19cm, 1,1kg

**A4000 Funktional Model of a Herniated Disc**
Double life-size. Model shows a prolapsing intervertebral disc under pressure.

**A208.3 Funktional Model of a Herniated Disc**
Model shows a prolapsing intervertebral disc under pressure. 12x11,5x9cm, 0,6kg

**A794 Vertebral Column**
Flexible mounted, true to life model of the human vertebral column in excellent bone quality with exact reproduction of all anatomical details, based on real weight. Consists of the male pelvis and occipital bone. Occipital bone and atlas can be detached individually. Without stand. 85cm, 1,5kg

**A795 Stages of Disc Prolapse and Vertebral Degeneration**
Model shows bone and disc degeneration of L4/L5 in 4 stages: normal, herniated, beginning and serious bone degeneration. 8,5cm, 0,5kg

**A792 Hip-Implant-Model**
3 small hip models, flexible and removable. With stand. 34x12x19cm, 1,1kg

**A790 Bone Molds 7 Cervical Vertebrae**
on base, 30x21x8cm, 0,2kg

**A792 Bone Molds 5 Lumbar Vertebrae**
on base, 30x21x6, 0,3kg

**A790 Osteoporosis Femur Head**
Model shows the difference between a healthy and a diseased bone (osteoporosis and broken leg). Removable, on base.

**A790 Osteoporosis Femur Head**
Model shows the difference between a healthy and a diseased bone (osteoporosis and broken leg). Removable, on base.

**A790 Osteoporosis Femur Head**
Model shows the difference between a healthy and a diseased bone (osteoporosis and broken leg). Removable, on base.

**A794 Vertebral Column**
Flexible mounted, true to life model of the human vertebral column in excellent bone quality with exact reproduction of all anatomical details, based on real weight. Consists of the male pelvis and occipital bone. Occipital bone and atlas can be detached individually. Without stand. 85cm, 1,5kg

**A795 Stages of Disc Prolapse and Vertebral Degeneration**
Model shows bone and disc degeneration of L4/L5 in 4 stages: normal, herniated, beginning and serious bone degeneration. 8,5cm, 0,5kg

**A792 Hip-Implant-Model**
3 small hip models, flexible and removable. With stand. 34x12x19cm, 1,1kg

**A790 Bone Molds 7 Cervical Vertebrae**
on base, 30x21x8cm, 0,2kg

**A792 Bone Molds 5 Lumbar Vertebrae**
on base, 30x21x6, 0,3kg
For better understanding human anatomy ...

**EZ 2700 Adolescent Skeleton**
Pristine examples of a 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. Suitable for learning how to assess and gauge the degree of skeletal maturation. The specimen may serve as a useful reference tool during the evaluation of individual cases. Stand included. 154 cm

**EZ 2800 Child Skeleton, 5 year old**
First class cast of a real human child skeleton. All bones are represented in high detail. All structures are reproduced detailed; special coloring makes the bones look very realistic and difficult to distinguish from real bones. Arms and legs do have limited range of motion, the skull can be removed. Supplied with stand. 95 cm

**EZ 2870 Child skeleton 14-16 month**
First class actual cast of a real human child skeleton. All Fissures and Foramen are reproduced carefully. The limbs are limited moveable. It shows the unfused epiphyses of the long bones, and the cartilaginous margins of many of the bones which is typical at this age of development. Supplied with stand. 65 cm

**EZ 2850 Fetus Skeleton, 30th week**
First class actual cast of a real human Fetus skeleton in the 30th week of pregnancy. Carefully reproduced and colored. The model is not movable and comes with a stand. Approx. 40 cm

**EZ 4062 Healthy / osteoporotic bone structure comparison model**
This highly enlarged model of the bone structure shows healthy structure on one side and structure with osteoporotic changes on the other side. Because of the direct comparison the patient understands without many explanation how his bones change and why the risk of fractures is higher. 11,5x11,5x13 cm, 0,4kg

**EZ 1118 Hip Joint with 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. 16x13x29cm, 0,9 kg

**EZ 4018 Vertebral Column with Thoracic Cage for Demonstration of Malpositions**
Developed for Zilgrei training, for physiotherapy and orthopaedics. Movements at the hip joint can be imitated. The femurs can be raised and lowered respectively and unilateral shortening of the leg and the resulting pelvic inclination can be simulated. How this is compensated in the pelvis and vertebral column can be shown in the model. Specially suited to physiotherapy and massage training and also for orthopaedics as a demonstration model. Easily removed from stand. 78cm, 4,8 kg

**HW001 Templet Pelvic Obliquity**
The 3 Templets were made of plexiglass. While moving the pelvis you recognize a difference in leg length. Tipping the pelvis forward or backwards the leg appears to be shorter or longer. Suitable for Patient information, Overhead-Projektions or training purposes. Picture 1 shows the physiological position, picture 2 shows ilium in posterior, picture 3 shows ilium in anterior position.

**EZ 4017 Vertebral Column for Demonstration of Malpositions**
with pelvis and femoral stumps. Femoral movements at the hip joint can be imitated. The femurs can be raised and lowered respectively and unilateral shortening of the leg and the resulting pelvic inclination can be simulated. How this is compensated in the pelvis and vertebral column can be shown in the model. Specially suited to physiotherapy and massage training and also for orthopaedics as a demonstration model. Easily removed from stand. 78cm, 4,8 kg

**EZ 4018 Vertebral Column with Thoracic Cage for Demonstration of Malpositions**
For better understanding human anatomy ...
For better understanding human anatomy ...

P10 Patient Care Manikin
To teach and practice: Personal hygiene, cleaning (removable partial prothesis), lifting, mobilization, bandaging, wound / stump dressing, irrigations (eye, ear, nose, stomach, intestine, bladder), injections (intramuscular and subcutaneous), nasogastric lavage and gavage, oxygen treatment, artificial respiration, tracheotomy care, catheterisation (male and female), ostomy care (colostomy), enema administration. Allows training nursing, clinical and emergency training. Made of durable, unbreakable, waterresistant plastics, it is also flexible, allowing natural movement of the arms, legs and joints. Flexible waist design allows to sit upright. Lungs, heart, stomach, bladder and intestinal section are absolutely watertight and connected to the external genitalia to allow catheterisation. All standard injection sites have special injection pads (6 in all) which allow repeated injections and years of use. Also included is an amputation stump to practice dressing techniques. With tracheotomy tube, catheter, duodenal probe, tallow powder, vaseline, lubricant. 174cm, 21.0kg

P19 Upgrade Kit for P11
Converts a P11 Patient Care Manikin to a full P10 Version, 3.0 kg

P30 Nurse Training Baby, New Born
With internal organs (heart, lung, intestine system, stomach and bladder), belly covering, interchangeable genital organs, soft ears, movable head, arms and legs. For basic / medical care: Tracheotomy care, catheterization, tube insertion (mouth, nose), enema insertion, femoral, gluteal intramuscular and subcutaneous injections, palpation of farsetes. Included: syringe, suction catheter, feeding tube, urinary catheter, urine collection bag, catheter lubricant and carrying bag. 52cm, 2.3kg.

EZ LM60 Age Simulation Set
Joint restrictors, weights, fixators, ear plugs and goggles limit the abilities of the trainee. Up to 175cm-persons.

EZ LM102 XXL-Age Simulation Set
For persons of more than 175cm height.
For better understanding human anatomy ...

Budget

Budget-products were not produced by Ruediger-Anatomy. They were imported from China by Ruediger-Anatomy.

However, the budget models we offer to our customers meet a certain minimum quality.

While there are significantly cheaper products from China or other countries of the Far East offered on the Internet, we have searched for the highest quality you can expect from there. In this matter we have compared the quality of different manufacturers and picked the best products to add to our offer.

Accordingly, Ruediger-Anatomy only grants the standard legal guarantee in this articles.

Budget-Products

Azubi 2000 Skeleton
3-part skull, natural reproduction of all anatomical details, unflexible spine, flexible discs, removable upper and lower limb, stand, height appr. 180cm

Azubi 2002 Skull
- natural size
- natural reproduction of anatomical details
- removable top of skull
- natural jaw movement
- 3-parts

Azubi 2002 Skull, 3-parts

Azubi 2001 Flexible Spine
Sufficient detail for entrants. Flexible, with nerves, arterie and herniated disc, with stand, height appr. 74cm

Azubi 2001 Skull
- natural size
- natural reproduction of anatomical details
- removable top of skull
- natural jaw movement
- 3-parts

Azubi 2001 Spine

HS 126108 Torso
Life-size dual sex torso. Opened back and front. All parts removable. On base, 85cm, 10kg

HS 130380 Female Pelvis
Longitudinal section, 25x18x28cm, on base

HS 130375 Male Pelvis
Longitudinal section, 25x18x28cm, on base

HS 127122 Heart, 2-parts
Life-sized. Shows chambers, valves, and vessels. On base. 10x9x15.5cm

HS130380 Female Pelvis
Longitudinal section, 25x18x28cm, on base

HS 13036 Eye Model, 6 parts
4 times life-size. Shows sclera with muscle attachments, retina with a yellow spot, optic nerve and vessels, lens, iris. Mounted on a base

HS 130028 Set of 2 Teeth
2-parts, two-root molar 14x13.5x26cm and incisor 11x8x25cm. On base.

HS 127109 Shoulder Muscles
Life size, on base
For better understanding human anatomy ...

**HS 127119 Ear Model**
3-times life-size ear model, 4 parts. Model shows: outer, middle, and inner ear, eardrum with hammer and anvil, cochlea and auditory / vestibular nerve. On base. 34x16x22cm

**HS 130024 Tooth Development**
4 stages: newborn, toddler, 10-year-old child, adult. On base.

**HS 127126 Kidney with Adrenal Gland**
1.5 times life-size, 2 parts (front half removable). The internal structure can be seen clearly. 25x10x10cm

**HS 127128 Pancreatic Diseases**
Life-size. Shows: pancreatic cancer, gallbladder with stones, torn spleen, duodenum with cancer. 21x13x7cm, mounted on base

**HS 127132 Large Intestine Model**
Smaller than life-size. Shows: adhesions, inflamed appendix, cancer, Crohn’s disease, varicose veins, 24x23x13cm, on base.

**HS 130226 Esophagus with Diseases**
Shows frontal cutaway of esophagus and upper part of stomach. Shows cancer, ulcer, and varices. On base.

**HS 130366 Larynx Model, 3-part**
3-times life-size. Mounted on a base. 8x12x25cm

**HS 130349 Acupuncture Head**
Model shows acupuncture points of the head with European and Chinese characters. Made of soft PVC, 12x12x23cm

**HS 130034 Anatomical Skin Model**
70-times life-size. Shows a cross section of the skin. On base. 17x5x15cm

**HS 130372 Dental Care Model**
3-times life-size. Movable jaws and tongue. With large toothbrush. 17x23x13cm, toothbrush: 22x2cm

**HS 127506 Uterus with Diseases**
Life-sized. Shows various diseases and changes: cysts, polyps, sarcomas, and adhesions. On base.

**HS 130033 Prostate Model with Diseases**
3-part model shows a healthy prostate, a hyperplastic prostate, and a prostate with cancerous gland tissue. On stand.

**HS 130034 Hypertension Model, 6-part**
Shows most common organ damage in brain, eyes, heart, kidney, and an occluded artery. Approx. 35 cm On base.
For better understanding human anatomy...

**Anatomical T-Shirts**
funny, unique and educational gift for the student, professional and layman. Anatomically detailed and correct. Full colour drawings on 100% white cotton T-Shirts.

<table>
<thead>
<tr>
<th>Code</th>
<th>Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>TS01</td>
<td>S, M</td>
</tr>
<tr>
<td>TS02</td>
<td>S, M, XL, XXL</td>
</tr>
<tr>
<td>TS03</td>
<td>S, M, L, XL, XXL</td>
</tr>
<tr>
<td>TS04</td>
<td>S, M, L, XL, (XXL)</td>
</tr>
<tr>
<td>TS05</td>
<td>S, L, XL, XXL</td>
</tr>
<tr>
<td>TS06</td>
<td>M, XXL</td>
</tr>
<tr>
<td>TS07</td>
<td>S, M, L, XL</td>
</tr>
<tr>
<td>TS08</td>
<td>S, M, L, XL, XXL</td>
</tr>
<tr>
<td>TS09</td>
<td>L, XL, XXL</td>
</tr>
<tr>
<td>TS10</td>
<td>L, XL, XXL</td>
</tr>
<tr>
<td>TS11</td>
<td>XXL</td>
</tr>
<tr>
<td>TS12</td>
<td>S, M, L, XL</td>
</tr>
<tr>
<td>TS13</td>
<td>XXL</td>
</tr>
<tr>
<td>TS14</td>
<td>S, M, XXL</td>
</tr>
<tr>
<td>TS15</td>
<td>XL, XXL</td>
</tr>
<tr>
<td>TS16</td>
<td>XXL</td>
</tr>
<tr>
<td>TS17</td>
<td>S</td>
</tr>
<tr>
<td>TS18</td>
<td>S, M, L, XL</td>
</tr>
<tr>
<td>TS19</td>
<td>S, M, L, XL, XXL</td>
</tr>
</tbody>
</table>

**Key rings, Pens & Penholder**

<table>
<thead>
<tr>
<th>Code</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>AN01</td>
<td></td>
</tr>
<tr>
<td>AN02</td>
<td></td>
</tr>
<tr>
<td>AN03</td>
<td></td>
</tr>
<tr>
<td>AN04</td>
<td></td>
</tr>
<tr>
<td>AN05</td>
<td></td>
</tr>
<tr>
<td>AN06</td>
<td></td>
</tr>
<tr>
<td>AN07</td>
<td></td>
</tr>
<tr>
<td>AN08</td>
<td></td>
</tr>
<tr>
<td>AN09</td>
<td></td>
</tr>
<tr>
<td>AN10</td>
<td></td>
</tr>
<tr>
<td>AN11</td>
<td></td>
</tr>
<tr>
<td>AN12</td>
<td></td>
</tr>
<tr>
<td>AN13</td>
<td></td>
</tr>
<tr>
<td>AN14</td>
<td></td>
</tr>
<tr>
<td>AN15</td>
<td></td>
</tr>
<tr>
<td>AN16</td>
<td></td>
</tr>
<tr>
<td>AN17</td>
<td></td>
</tr>
<tr>
<td>AN18</td>
<td></td>
</tr>
<tr>
<td>AN19</td>
<td></td>
</tr>
<tr>
<td>AN20</td>
<td></td>
</tr>
<tr>
<td>AN21</td>
<td></td>
</tr>
<tr>
<td>AN22</td>
<td></td>
</tr>
<tr>
<td>AN23</td>
<td></td>
</tr>
<tr>
<td>AN24</td>
<td></td>
</tr>
<tr>
<td>AN25</td>
<td></td>
</tr>
<tr>
<td>AN26</td>
<td></td>
</tr>
<tr>
<td>AN27</td>
<td></td>
</tr>
<tr>
<td>AN28</td>
<td></td>
</tr>
<tr>
<td>AN29</td>
<td></td>
</tr>
<tr>
<td>AN30</td>
<td></td>
</tr>
<tr>
<td>AN31</td>
<td></td>
</tr>
<tr>
<td>AN32</td>
<td></td>
</tr>
<tr>
<td>AN33</td>
<td></td>
</tr>
<tr>
<td>AN34</td>
<td></td>
</tr>
<tr>
<td>AN35</td>
<td></td>
</tr>
<tr>
<td>AN36</td>
<td></td>
</tr>
<tr>
<td>AN37</td>
<td></td>
</tr>
<tr>
<td>AN38</td>
<td></td>
</tr>
<tr>
<td>AN39</td>
<td></td>
</tr>
<tr>
<td>AN40</td>
<td></td>
</tr>
<tr>
<td>AN41</td>
<td></td>
</tr>
<tr>
<td>AN42</td>
<td></td>
</tr>
<tr>
<td>AN43</td>
<td></td>
</tr>
<tr>
<td>AN44</td>
<td></td>
</tr>
<tr>
<td>AN45</td>
<td></td>
</tr>
<tr>
<td>AN46</td>
<td></td>
</tr>
<tr>
<td>AN47</td>
<td></td>
</tr>
<tr>
<td>AN48</td>
<td></td>
</tr>
<tr>
<td>AN49</td>
<td></td>
</tr>
<tr>
<td>AN50</td>
<td></td>
</tr>
</tbody>
</table>

Display-Figure “Bloody”

Display-Figure “Skelly”
life size (170cm), self standing figure on heavy cardboard. Comes with latin nomenclature. Order No. Skelly.

Quality - Made in Germany
For better understanding human anatomy ...

Who is Ruediger-Anatomy?
Ruediger-Anatomy is a traditionally family business from Germany with 20 employees. It was founded more than 40 years ago. We produce skeleton models and anatomical charts.

Where do we produce?
Almost every "big player" in the skeleton business has a production in China. But not us!
To be honest: we have thought about moving our production to China. But we decided to stay in Germany, because we wanted to manufacture and to sell highest quality products - Made In Germany.

Where do we get our production materials from?
Not only is our company placed in Falkensee near Berlin, we also use exclusive plastics and other supplies from German production (e.g. our complete hardware).
Accordingly our materials meet all applicable EU safety standards. No smelly or malicious plastic, no rusty metal parts, only Quality - Made In Germany.

How do we produce?
To get a small insight we like to tell you how a skeleton is being made of.
During the production process the main part of the work is done by hand and after the molded bone leaves the injection machine every step building a skeleton, a spine or a skull is done by hand. The bone parts are being polished and finished by hand by experienced workers before the single parts are being mounted by hand. For a standard skeleton more than 220 skeleton parts and 31 single teeth must be polished and then these parts have to be mounted together with more than 300 hardware. A skilled worker needs more than 4 hours for polishing and 10 hours for assembling a full standard skeleton.
The complete painting, labeling and numbering of our painted skeletons, spines and skulls is also done by hand. A full painting of our painted skeleton takes not less than another 12 hours, done by special trained artists. Our A206.1 Deluxe Super-Duper-Skeleton with muscle paintings, flexible spine, nerves, arteries and 6 different ligaments won't leave our company with less than 30 hours of pure handwork.
Every skeleton is marked with a symbol of the worker who made the assembling and if you choose a painted skeleton it is also marked with a symbol of the person who has done the artwork. You find these symbols on our products because we identify with our work.

What does this extensive production process mean to you?
With our decision to keep the production in Germany we have made the decision for quality. And against mass production. Result of this extensive process is to supply you with a high quality product that you can identify with.

A skeleton is a skeleton?
How can there be differences in quality?
Believe me: There are differences! Apart from choosing the best materials you can get and taking the utmost care in polishing the bones and assembling the models, quality is something that you can see in the bony structures on each single bone.
To insure finest details of bony surface we count on perfect reproduction cast directly from specially selected natural human skeletons. But this is not enough. To get high quality, highly structured plastic bone material you need time - production time!
Every single bone is a result of hot and liquid plastic material injected in a special steel mold under high pressure. Even if the mold shows all the structures and anatomical details of the human original it was made from, if you open the mold to cool down and cure outside the steel mold. So you need to give the bones their time to cool down and cure in the mold.
Of course this costs production time because you can not make a second and third bone with this mold in the same time.

Individual product development
We are doing our best to create individual products and meet your requirements...

5-Year-Warranty
On our skeletons, spines, skulls and other skeleton parts (for example ligament models) we guarantee a 5 year warranty.

Personal contact
Please call us. You will talk to real people who like to give you advise or support - not to a computer or answering machine.

Quick response and delivery
All the products in this catalogue we have on stock and could be sent within 1 or 2 days. Only some of our special painted or very complicated items could have a short delivery time - but usually not more than 7 days. That's because we do everything by ourselves.

Prices
We reached our goal to supply you with fine products at a very moderate price.
Please find out for yourself: Ruediger Anatomy skeletons mean high quality at affordable prices - You won't find anything better.