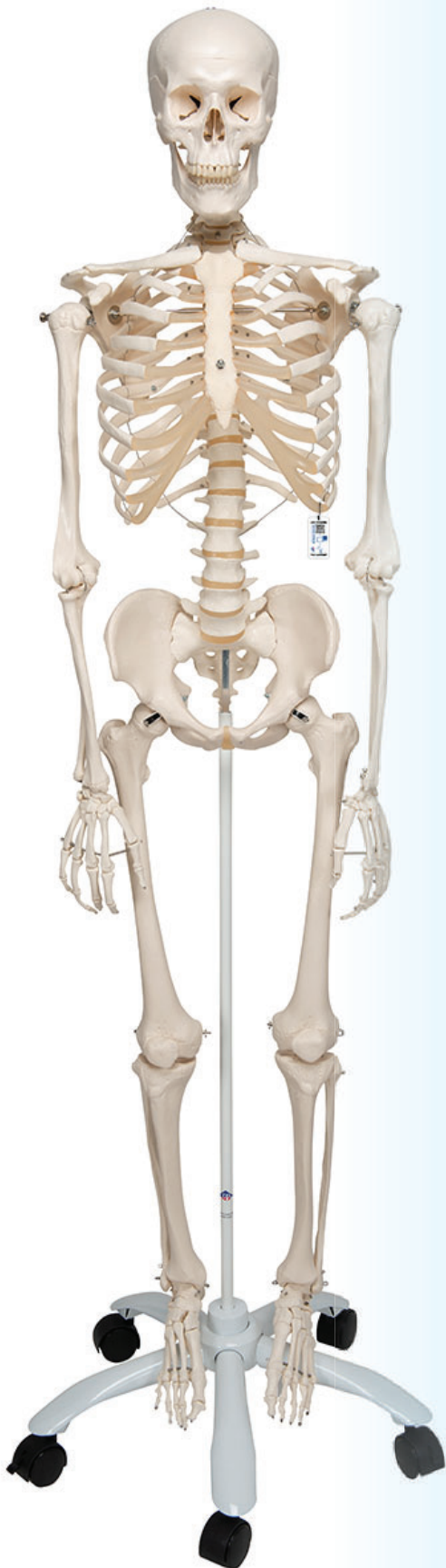


ANATOMY MODELS

medsurge 
technics for life



A. Human Skeleton Model Stan

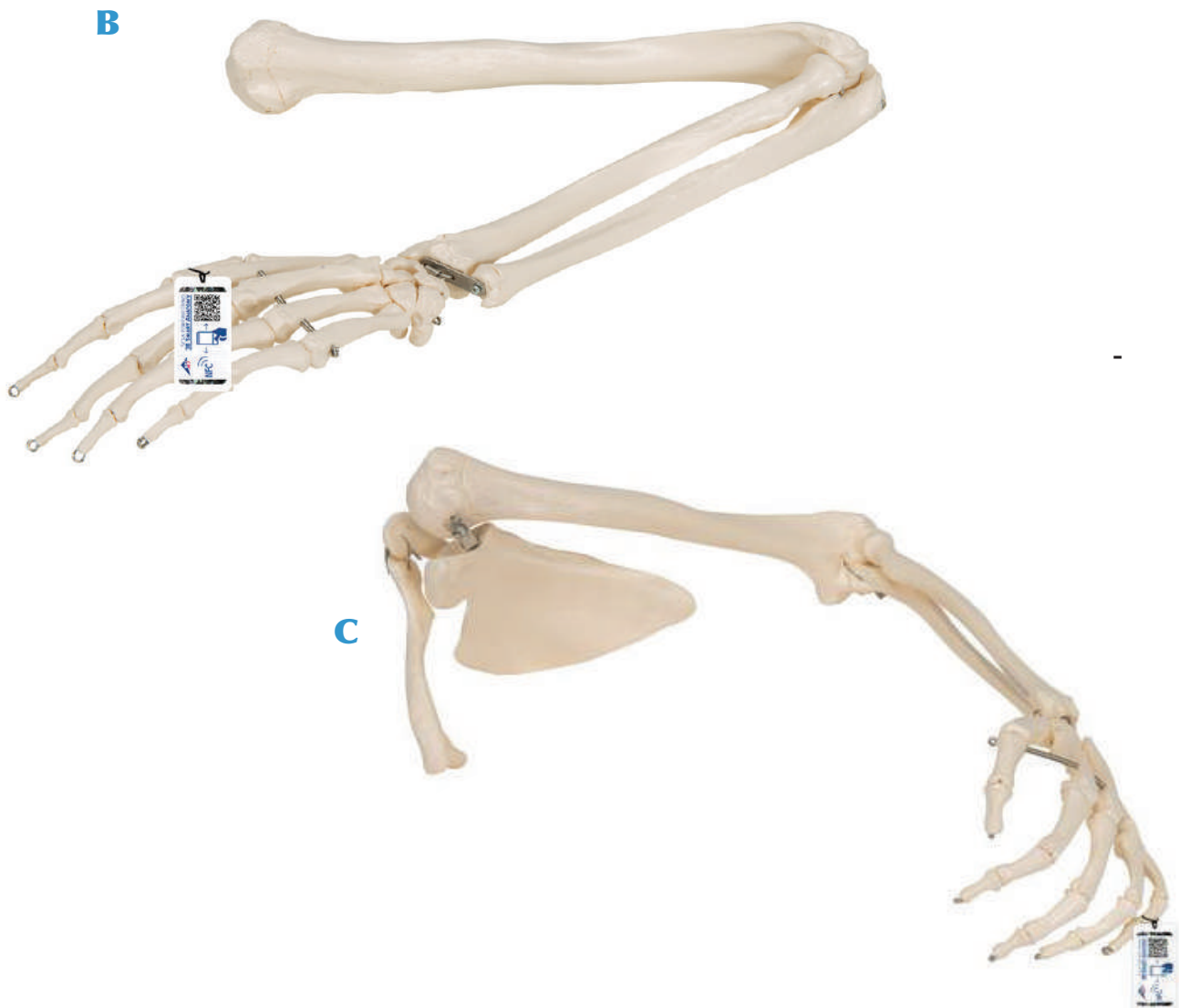
Description

Proven Quality - even more stable! Stan, the standard model of a human skeleton, has been appreciated throughout the world for decades. Thanks to its very high quality and robust construction, it is perfect for use in hospitals, schools, universities and laboratories. So choose Stan, the original among artificial skeletons. Now available on a stable metal stand with 5 casters!

The other advantages of the 3B Scientific® skeleton are:

- Exceptional value for money
- 3 year guarantee
- Top quality natural casting
- Final assembly carried out by hand
- Made from a durable, unbreakable synthetic material
- On a stable metal stand with 5 casters (painted white)
- Close to the realistic weight of around 200 bones
- Natural skeleton size
- 3 part assembled skull
- Individually inserted teeth
- Limbs can be removed quickly and easily
- Skull with magnetic connections

Comes with metal stand and transparent dust cover



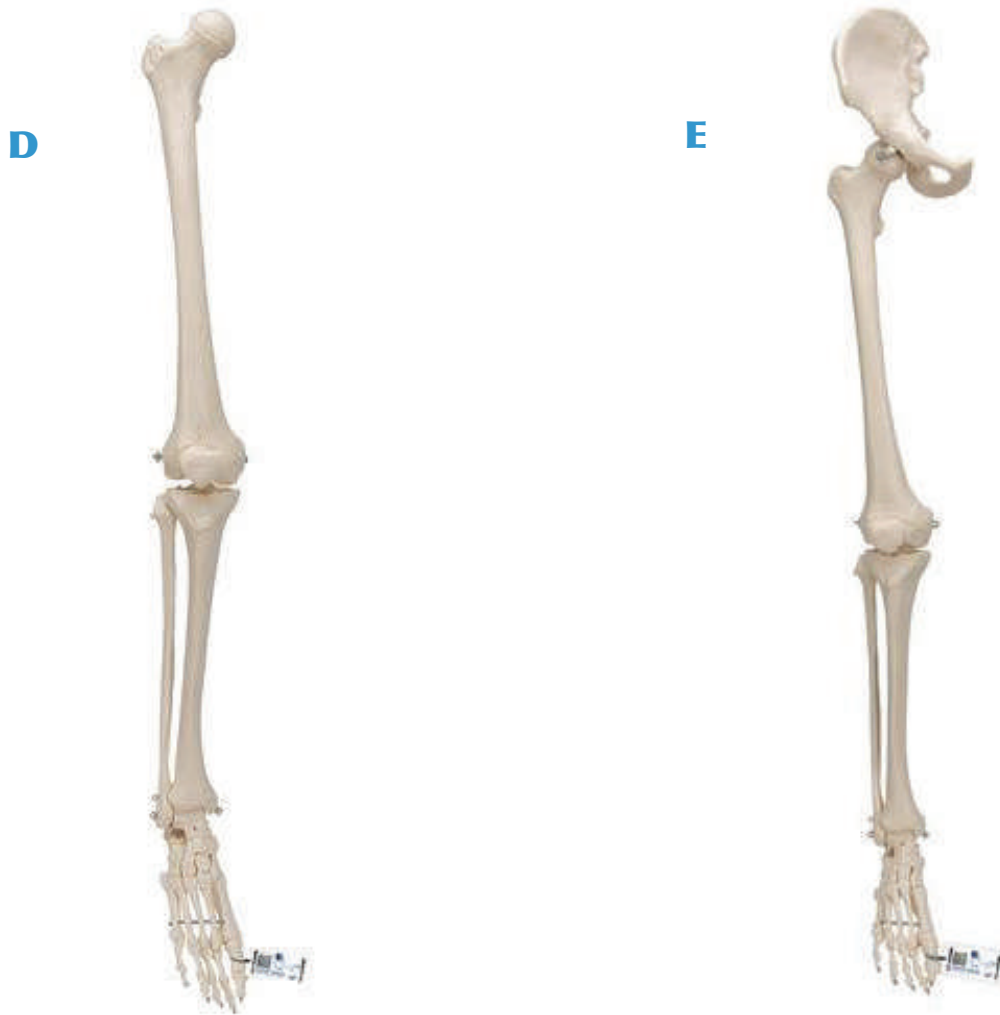
B. Human Arm Skeleton Model, Wire Mounted

The arm skeleton model is wire mounted, naturally flexible through wrist. Slightly flexible through fingers. Flexible elbow joint.

C. Human Arm Skeleton Model with Scapula & Clavicle

This Arm Skeleton model with scapula and clavicle is wire mounted, slightly flexible through fingers. Flexible elbow and shoulder joints.

Unfortunately it is not possible to specify left or right version, you will randomly receive a left or right sided model. However this may be possible for large quantities.



D. Human Skeleton of Leg with Foot, Wire Mounted

For increased stability, the leg skeleton with foot is mounted on wire. A left-hand or right-hand model will be chosen at random for your order.

E. Human Leg Skeleton Model with Hip Bone

The leg skeleton is great for detailed anatomical study of the human leg. The leg skeleton is wire mounted for realism. Slightly flexible through toes and ankle joint. This high quality leg model also has a flexible knee joint.

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F



G



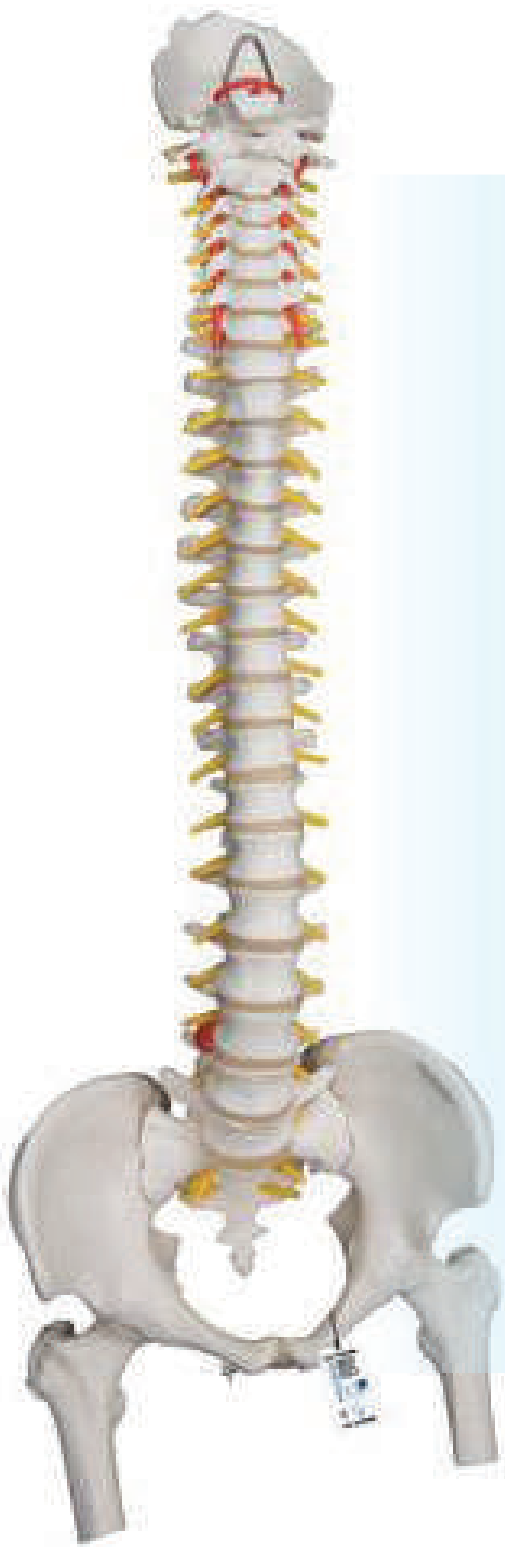
F. Human Femur

The realistic replica of the human femur is a great addition to any biology classroom. Teaching anatomy with hands on tools is a great advantage for any student!

G. Human Humerus Model

This anatomically correct human humerus was modeled on a real human bone in its natural size.

Unfortunately it is not possible to specify left or right version, you will randomly receive a left or right sided model. However this may be possible for large quantities.



H. Highly Flexible Human Spine Model, Mounted on a Flexible Core, with Femur Heads

This spine is the last spine you will ever need! Specially mounted on a flexible core, adding extra stability to the spine. Ideal for active and hands on use, this spine is great in schools or in a doctors office for patient education. This spine is extremely good value and durable. The spine features the following:

- Complete pelvis and occipital plate
- Full flexible mounting throughout spine
- L3-L4 disc prolapsed on spinal column
- Spinal nerve exits
- Cervical vertebral artery
- Male pelvis
- With movable mounted femur heads

Stand is not included with spine



I. Human Skull with Facial Muscles

Use this model of the face musculature by 3B Scientific® to easily demonstrate causes of temporomandibular disorders and other dysfunctional disturbances of the TMJ and masticatory muscles.

The face and mastication muscles are illustrated on the right half of this skull and the face musculature can easily and precisely be differentiated from the mastication musculature by using two colors.

On the left half the muscle origins and insertions are marked with colors as well (origin: red, insertion: blue). The jaw is movable and due to the flexible musculature the rudimentary chewing motion can be demonstrated. Cranium and m. masseter are easily detachable.

Only highest quality material was used to manufacture this made in Germany model. Its durability make it perfect for hands-on teaching. Whether it is used in a classroom or a doctor's office, the demonstration is as realistic as a model can be.

Now with magnetic connections



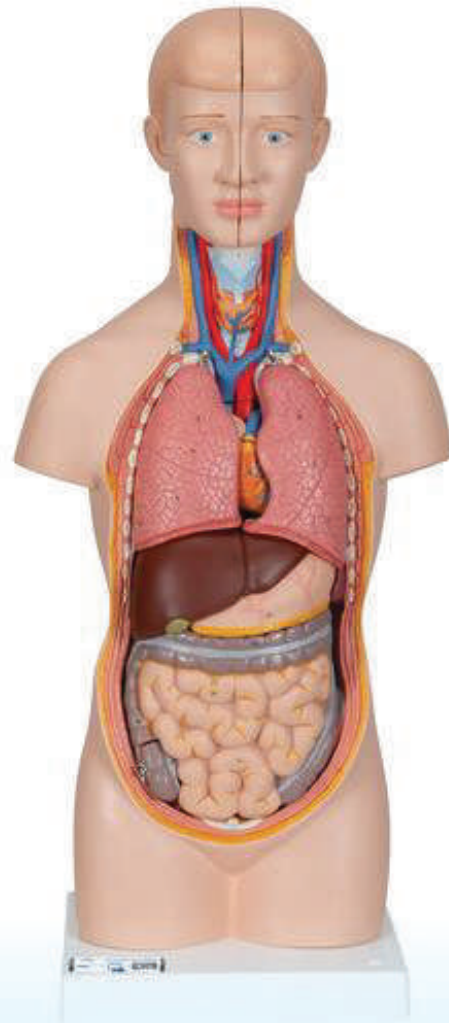
J. Classic Human Skull Model with Brain, 8-parts

The 3 part medical quality human skull replica is a first choice for basic anatomical studies of the skull. This skull model includes an anatomically correct 5 part brain. This medical grade skull model also makes a great present for medical professionals and students of medicine and allied health professions.

- High quality original skull cast
- Skull is handmade from hard, unbreakable plastic
- Highly accurate representation of the fissures, foramina, processes, sutures etc.
- Can be disassembled into skull cap, base of skull and mandible
- Mandible of skull is mounted on a spring to easily demonstrate natural movement

The 5 part brain is midsagittally divided human brain replica (C18) and is cast from an original specimen, lending anatomical accuracy to this model. The components of the left brain half are:

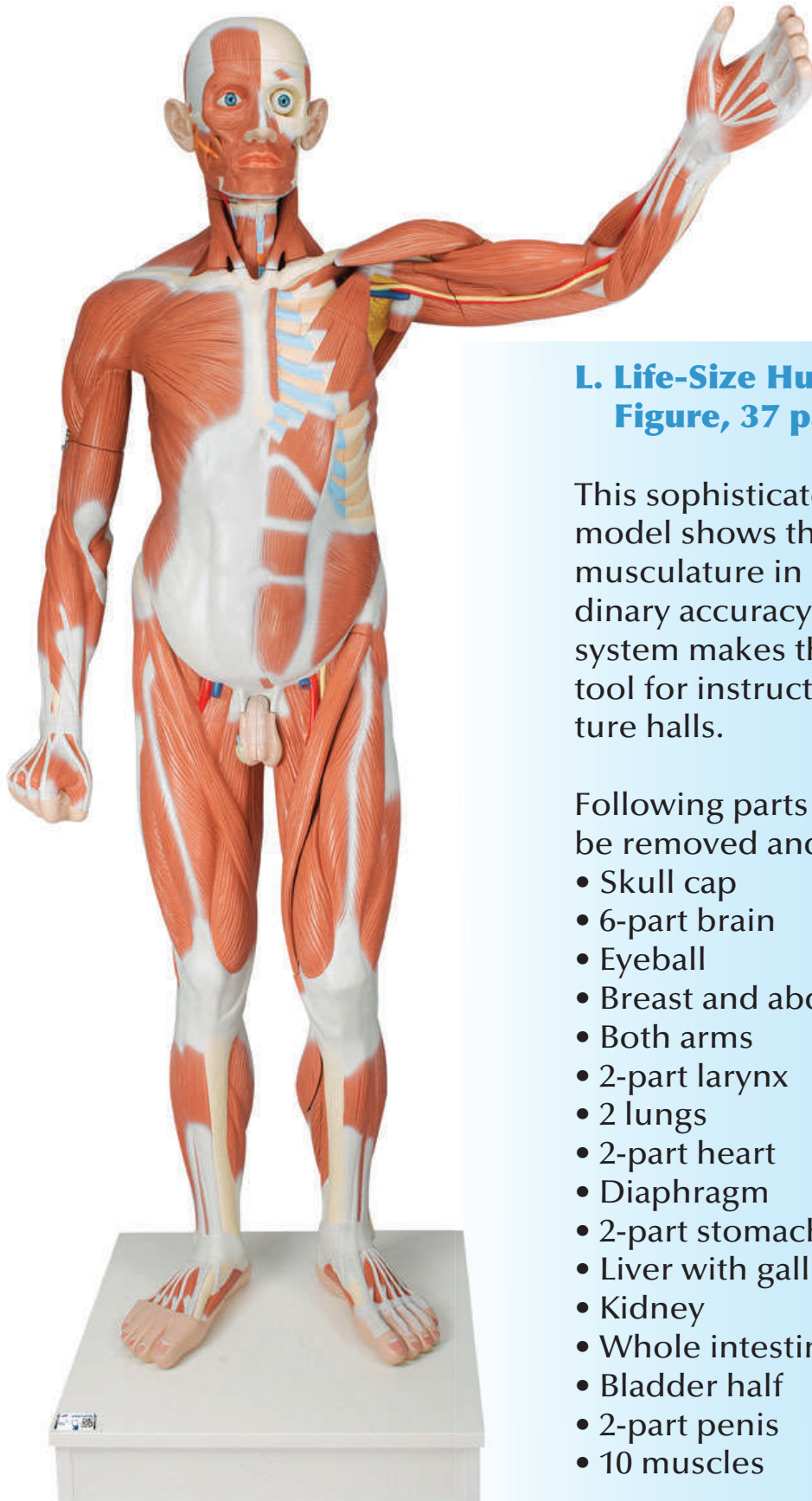
- Frontal and parietal lobe
- Temporal and occipital lobe
- Encephalic trunk
- CerebellumX



K. Mini Human Torso Model, 12 part

This human mini torso is approximately half life-size. Even small hands can quickly disassemble and assemble this small but detailed torso. This high quality mini replica of human anatomy has the following removable parts and organs:

- 2-head halves
- Brain half
- 2 lungs
- 2-part heart
- Stomach
- Liver with gall bladder
- 2-part intestinal tract

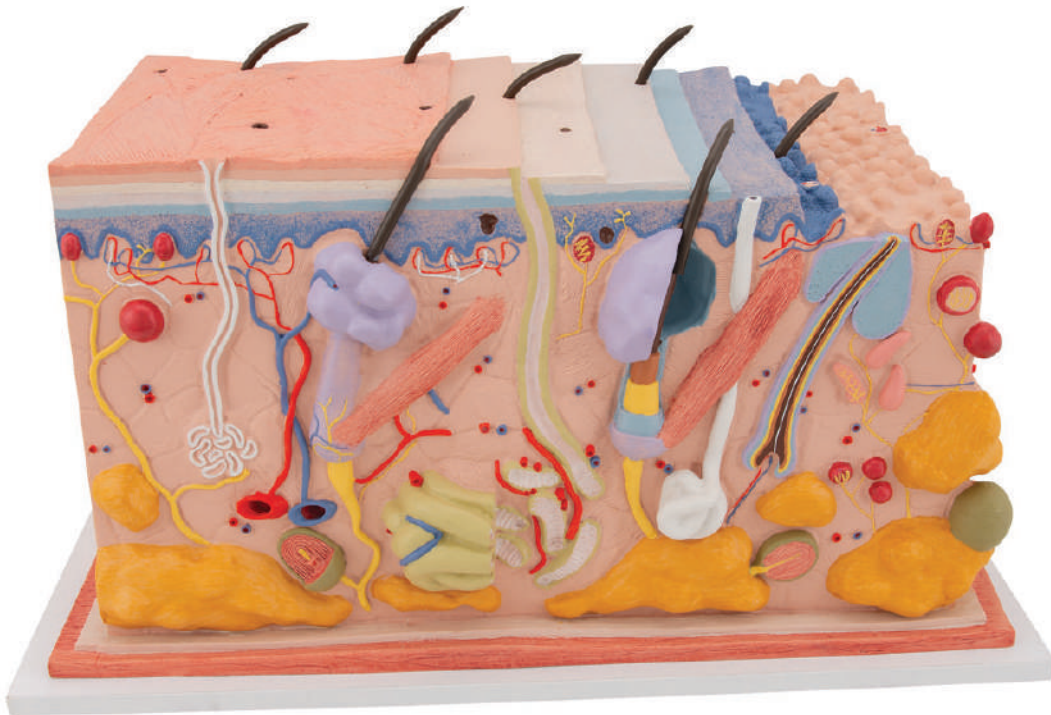


L. Life-Size Human Male Muscular Figure, 37 part

This sophisticated human muscular model shows the deep and superficial musculature in great detail. The extraordinary accuracy of the human muscular system makes this masterpiece a unique tool for instructions even in large lecture halls.

Following parts of muscular figure can be removed and studied in detail:

- 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



M. Human Skin Section Model, 70 times Full-Size

This unique skin model shows a section of human skin in three dimensional form. Individual skin layers are differentiated, and important structures of the skin such as hair, sebaceous and sweat glands, receptors, nerves and vessels are shown in detail. The high quality skin block model is mounted on baseboard. Demonstrating the anatomy of the human skin has never been easier!

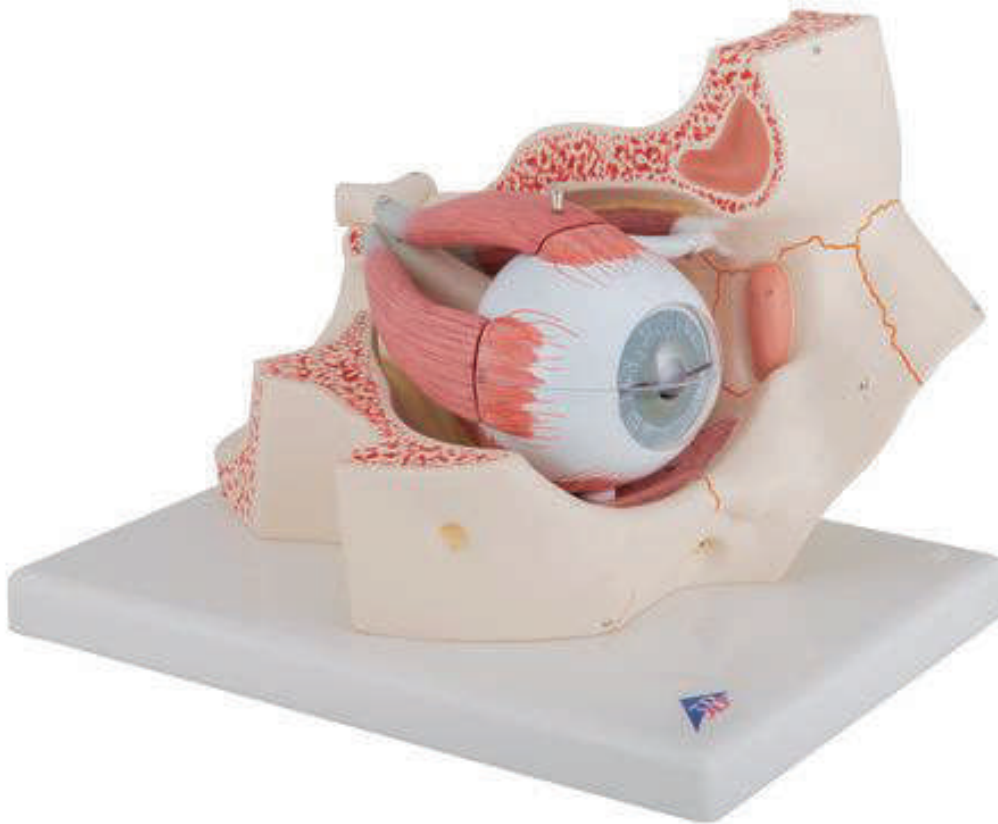
This skin block model details the human skin in 70 times life size.



N. Classic Human Brain Model, 5 part

This midsagittally sectioned model is an original anatomic cast of a real human brain. The components of the brain's left half are:

- Now with magnets for easy viewing and hands on learning!
- Frontal and parietal lobe
- Temporal and occipital lobe
- Encephalic trunk
- Cerebellum



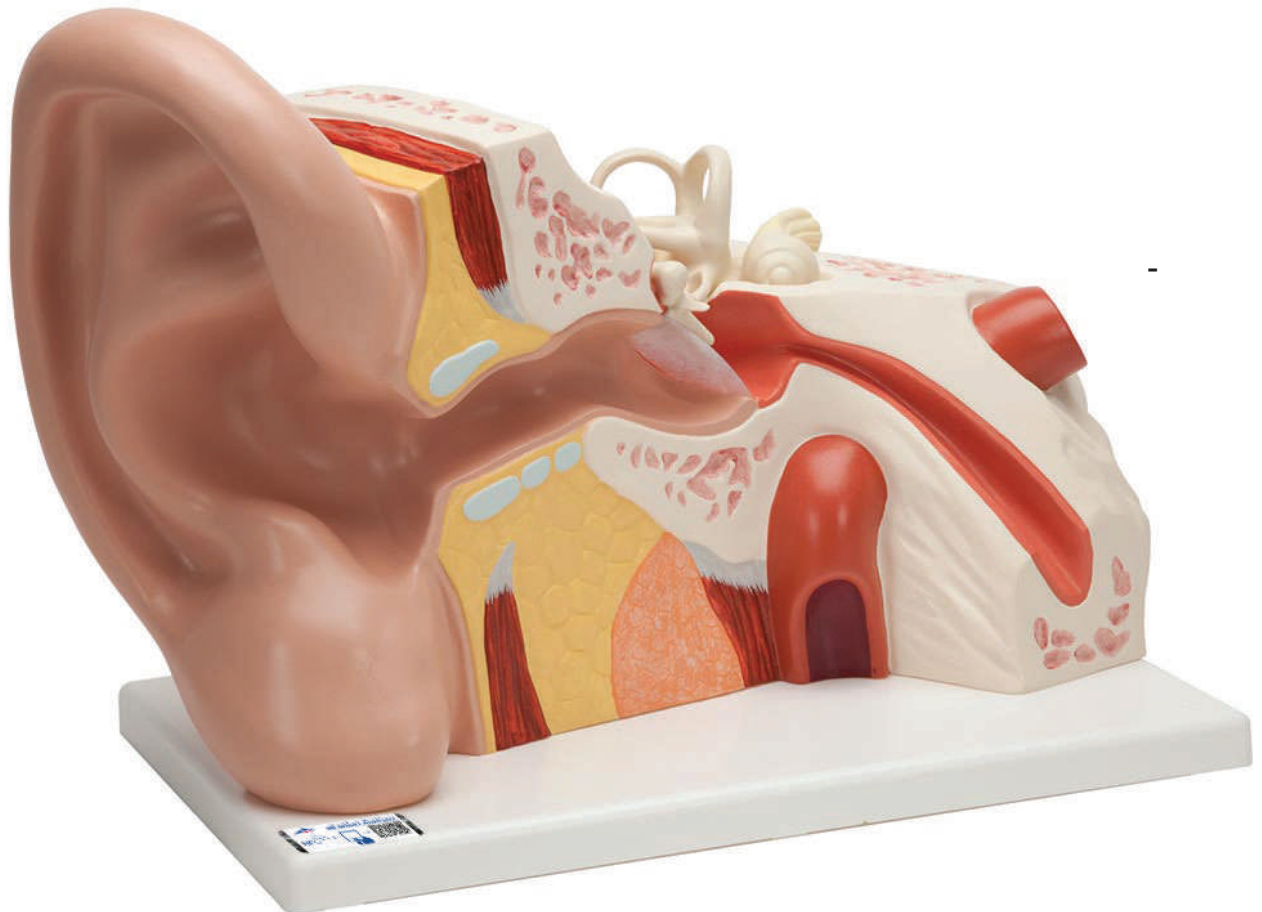
O. Human Eye Model, 3 times Full-Size, 7 part

This large anatomical human eye model shows the optic nerve in its natural position in the bony orbit of the eye (floor and medial wall). At three times life size this eye model is great for anatomical demonstrations.

The human eyeball can be dissected into:

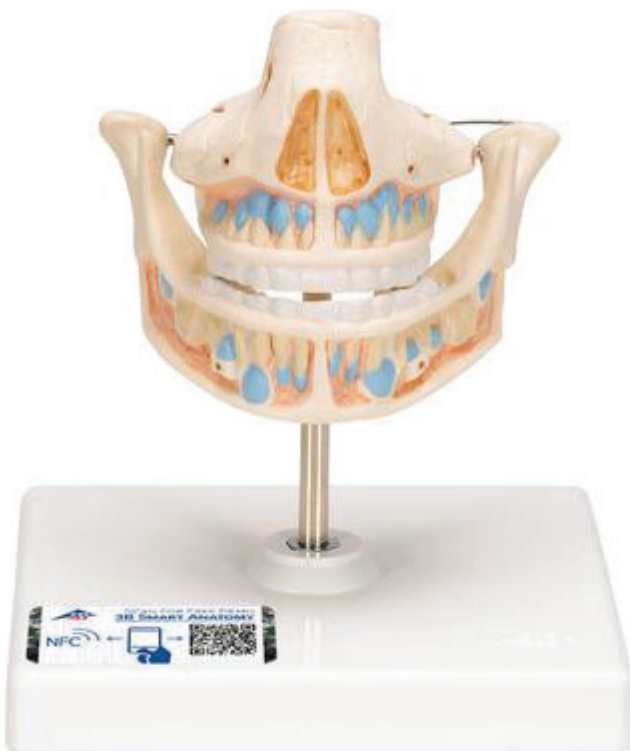
- Both halves of sclera with cornea and eye muscle attachments
- Both halves of the choroid with iris and retina
- Eye lens
- Vitreous humour

This high quality model is great for studying the anatomy of the human eye and the anatomy of the surrounding area! Human Eye Anatomy Model on base.



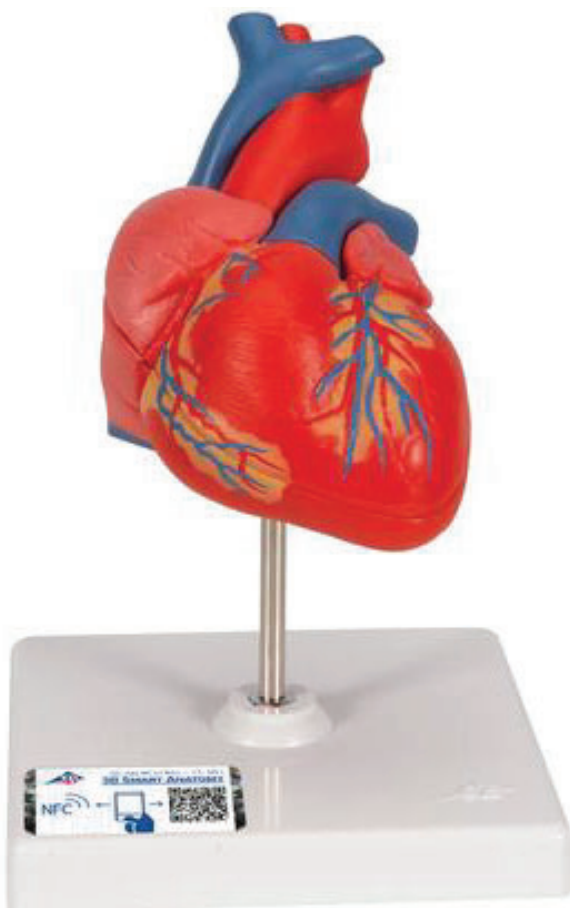
P. Giant Ear Model, 5 times Full-Size, 3 part

This ear is a whopping 5 times life-size for easy viewing from anywhere in the classroom! The Giant ear model represents the outer, middle and inner ear. Auditory ossicles and labyrinth with cochlea and vestibulocochlear nerve are removable from ear for more detailed anatomy study. Ear model delivered on base for easy display.



Q. Milk Denture Model with Remaining Teeth

Upper and lower jaw opened to show the arrangement of the remaining teeth in this milk dentures model. Milk dentures on base.



R. Classic Human Heart Model, 2 part

Highly detailed 2-part human heart model at a price you will love. The front heart wall is detachable to reveal the chambers and valves inside the human heart. The classic heart model just slightly smaller than life-size with exquisite anatomical detail throughout. Great model of the anatomy of the human heart. Stand included with this high quality heart.

S



S. CT Bronchial Tree Model with Larynx & Transparent Lungs

This unique CT bronchial tree model with larynx was created on the basis of computer tomography data of a human (male, approx. 40 years). What is special about this procedure is that the natural spatial 3D-relations and the reciprocal location of the segmental bronchi can be preserved and demonstrated in a realistic way. The result is a life-like CT bronchial tree and larynx. This model is a unique way to study the anatomy of the human lungs.

T



T. CT Bronchial Tree Model with Larynx

This unique CT bronchial tree model with larynx was created on the basis of computer tomography data of a human (male, approx. 40 years). What is special about this procedure is that the natural spatial 3D-relations and the reciprocal location of the segmental bronchi can be preserved and demonstrated in a realistic way. The result is a life-like CT bronchial tree and larynx. This model is a unique way to study the anatomy of the human lungs.

The larynx with hyoid bone and epiglottis and the trachea with primary and lobar bronchi are depicted in one color on the bronchial tree model. The larynx is detachable at the level of the second tracheal cartilage and divisible in the median plane. The epiglottis on the bronchial tree and larynx is mounted flexibly.

The various segmental bronchi are made of elastic material and depicted in various transparent colors so that they are easier to distinguish visually.



U. Segmented Lung Model

This high quality Segment Lung Model shows the lungs with representation of the bronchial tree close to the heart, trachea, oesophagus and aorta.

The Lung is detachable into two lobes and single segments. The segments are colour coded and their position can be easily identified in the bronchial tree. The bronchial tree contains the lobar bronchi and segmental bronchi.

All segments are connected by magnets which allow a safe and easy handling of this very high quality didactic model.



V. Female Pelvis Skeleton Model with Ligaments, 3 part

This life size three part model represents an original cast of a bony female pelvis with ligaments and shows all the details of the following anatomical structures:

- Two hip bones
- The pubic symphysis
- The sacrum and the coccyx
- The fifth lumbar vertebra with intervertebral disc

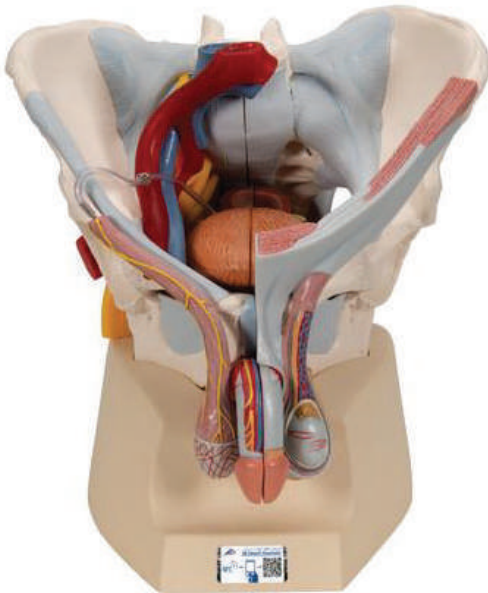
A midsagittal section through the fifth lumbar vertebra, sacrum and coccyx, allow both halves of the pelvis to be disassembled revealing a part of the cauda equina in the vertebral canal. The left half of the fifth lumbar vertebra is removable.

The right half of the model shows the following pelvic ligaments:

- Inguinal ligament
- Sacrotuberous ligament
- Sacrospinous ligament
- Anterior sacroiliac ligaments
- Iliolumbar ligament
- Anterior longitudinal ligament
- Interosseous sacroiliac ligament
- Posterior sacroiliac ligament
- Obturator membrane

This anatomically detailed model is a great way to teach and learn the anatomy of the human female pelvis.

W. Male Pelvis Skeleton Model with Ligaments, Vessels, Nerves, Pelvic Floor Muscles & Organs, 7 part



This 7 part model of the male pelvis shows in accurate detail how the bones, ligaments, vessels and nerves as well as the pelvic floor muscles and the external sex organs are connected to each other. It shows the whole pelvis, through which a median section has been placed. The right side of the external anal sphincter, the M. ischiocavernosus, the M. transversus perinei profundus and superficialis and the M. bulbospongiosus can be removed together.

The rectum, bladder, prostate and penis can also be removed, and split into two halves at median level - partially connected. The bone structures are connected with magnets and can therefore be easily taken apart. The skin and the fascia of the penis have been partly removed so that the vessels and nerves are visible. Part of the skin in the area of the scrotum and the spermatic cord has removed too. The testicles and epididymis are also visible. On the left, the spermatic cord has been opened up in layers, and on the right the M. cremaster and fascia spermatica interna have been exposed.

The right half of the pelvis shows sections of the common, external and internal iliac arteries and the common and external iliac veins, demonstrating their positions in relation to each other. The Plexus sacralis, the N. ischiadicus, the N. pudendus, the N. dorsalis penis, the Nn. scrotales anteriores, the Nn. perineales and the Nn. annales inferiores as well as the Ductus deferens are shown. The model shows the following bones and ligaments: both hip bones, pubic symphysis, sacrum and coccyx as well as the fifth lumbar vertebra with intervertebral disc. A median section has been placed through the fifth lumbar vertebra, the sacrum and the coccyx, so that the pelvis can be split into two halves. This means that part of the cauda equina is also visible in the vertebral canal. The left half of the fifth lumbar vertebra can be removed.



The following ligament structures of the pelvis are shown:

- Lig. inguinale
- Lig. sacrotuberale
- Lig. sacrospinale
- Lig. sacroiliaca anteriora
- Lig. iliolumbale
- Lig. longitudinale anterius
- Lig. Supraspinale, Lig. sacroiliacum interosseum
- Lig. sacroiliacum posterius
- Lig. sacrococcygeum laterale
- Lig. sacrococcygeum posterius superficiale et profundum
- Membrana obturatoria
- Lig. lacunare



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