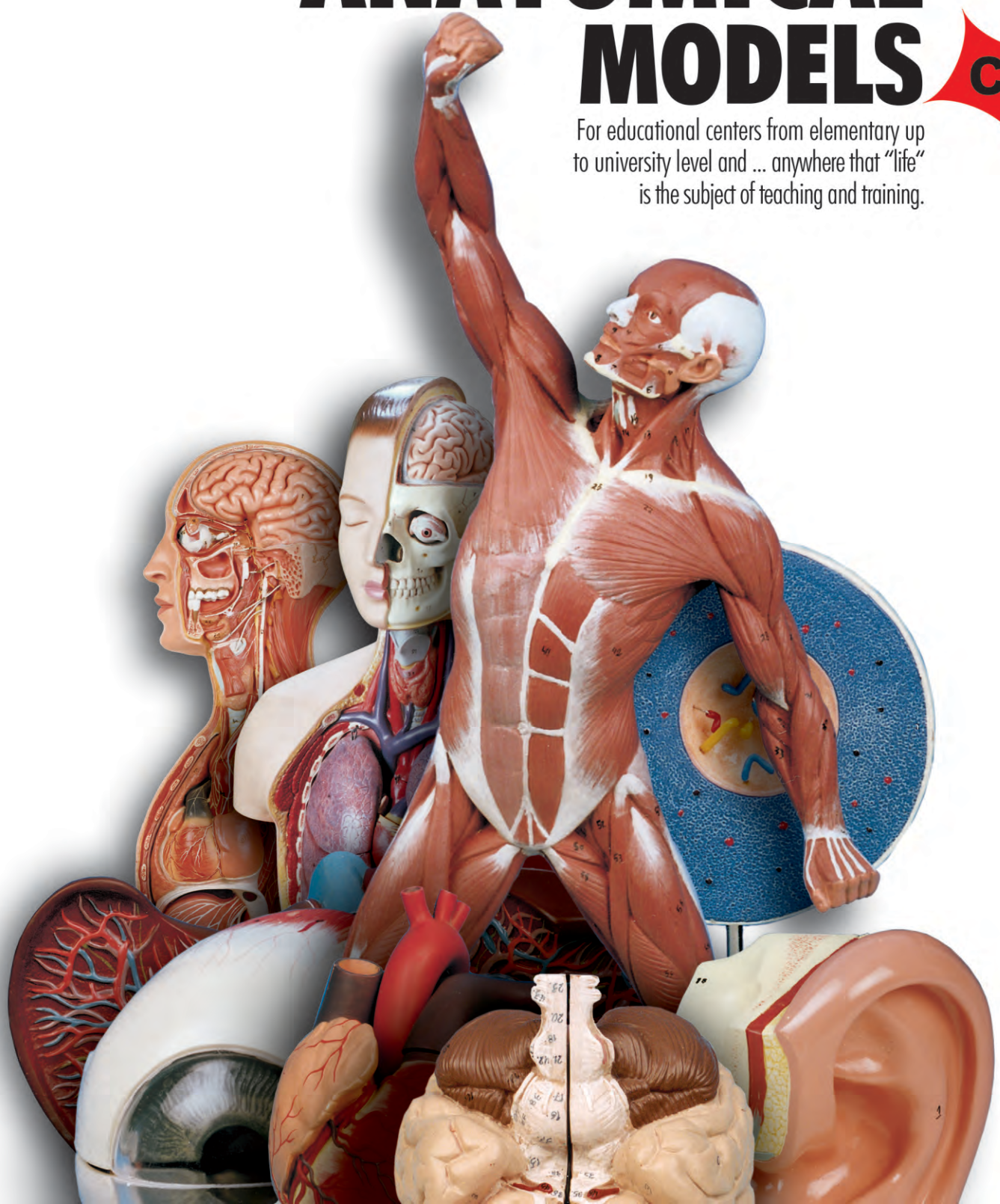
E.E.I.

EDUCATIONAL EQUIPMENT INDUSTRIES

CATALOGUE
ANATOMICAL MODELS C

For educational centers from elementary up to university level and ... anywhere that "life" is the subject of teaching and training.

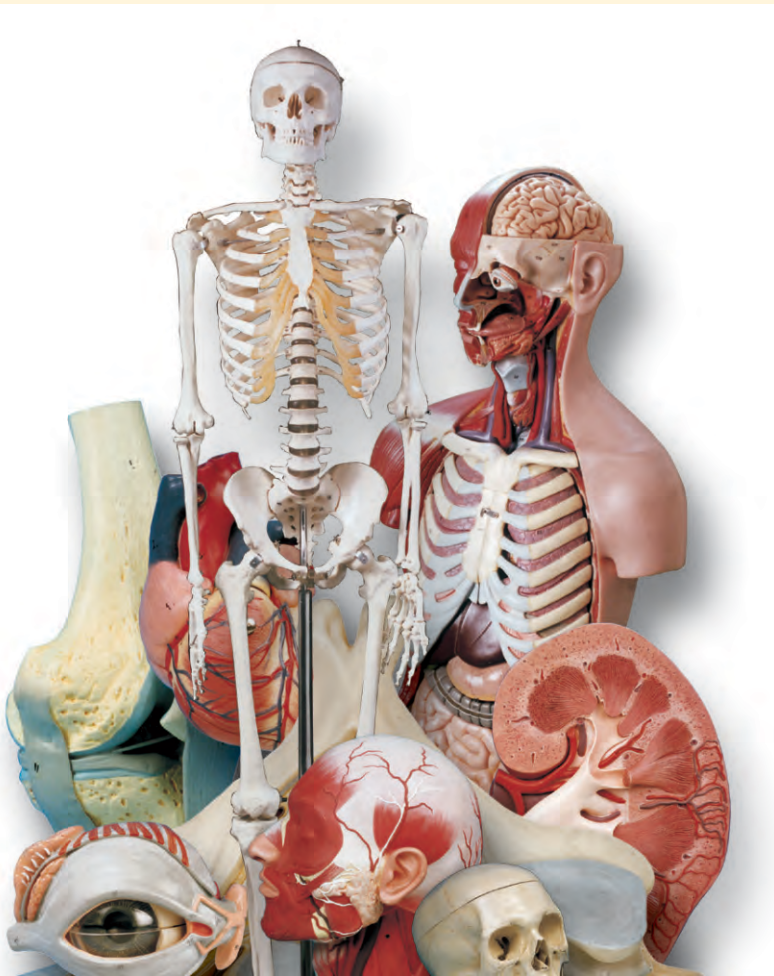


Preface

Educational Equipment Industries Company (EEI), founded in 1974, is the biggest designer, manufacturer and supplier of educational equipment and workshops tools and devices in Iran for all educational stages curriculums from pre-schools to universities and technical and vocational training centers.

One of the most important equipment for training biology is anatomy models. EEI is the biggest company in Iran which manufactures a different varieties of these models based on the international standard.

Educational Equipment Industries



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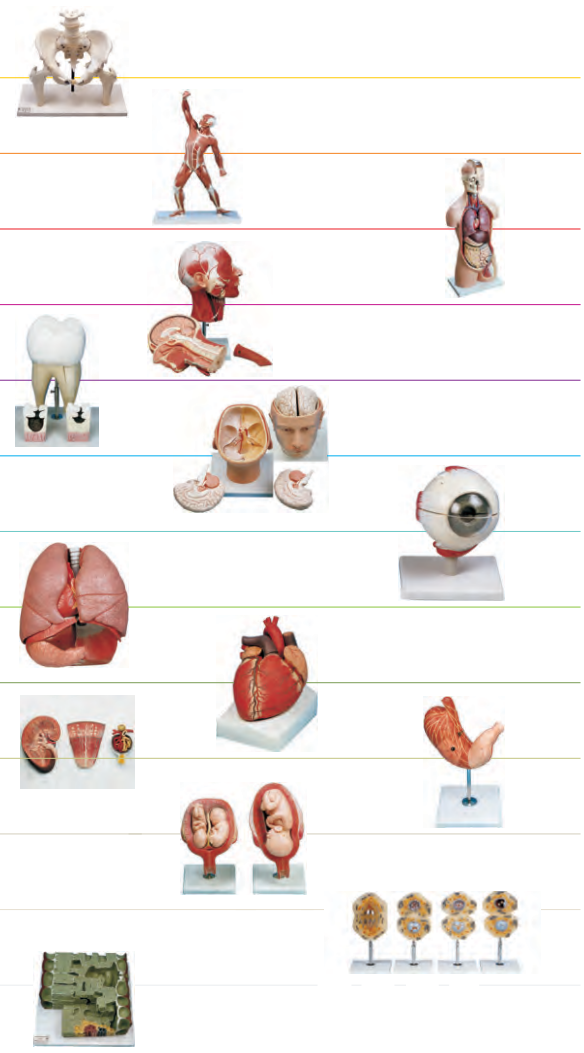

Publisher:
Educational Equipment Industries, Inc.

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Human Skeleton

Cat. No: 11001

The model is casted from a natural adult skeleton and made of unbreakable plastic. The anatomical details of the skeleton are shown in required manner and joints are movable. The skull is detachable to four parts: skull cap, base of skull (2pcs) and lower jaw. The arms are detachable from the shoulders, and the legs are detachable from the pelvis.
It is mounted upright on a stand with rollers on the base.
This skeleton model is very suitable for basic human anatomy courses.

- Dimensions: 42•23•177 cm

Skull

Cat. No: 11002

The model is casted from a natural adult skull and made of unbreakable plastic. Details structure of skull bones with sutures, foramens, fissures, sinuses and cavities are shown well.
In this scientific system model, the base of skull can be disassembled into two halves and you can see the internal structure.
This model consists of four parts: skull cap, base of skull (2 parts) and movable lower jaw.

- Dimensions: 20•13•15 cm

Human Skeleton, small size

Cat. No: 11000

This model is 75Cm height and made of unbreakable plastic, and the anatomical details of the skeleton are shown by it.

Most parts of the model are movable. The arms move from the shoulders, and the legs move from the pelvis.

The model is mounted on a stand.

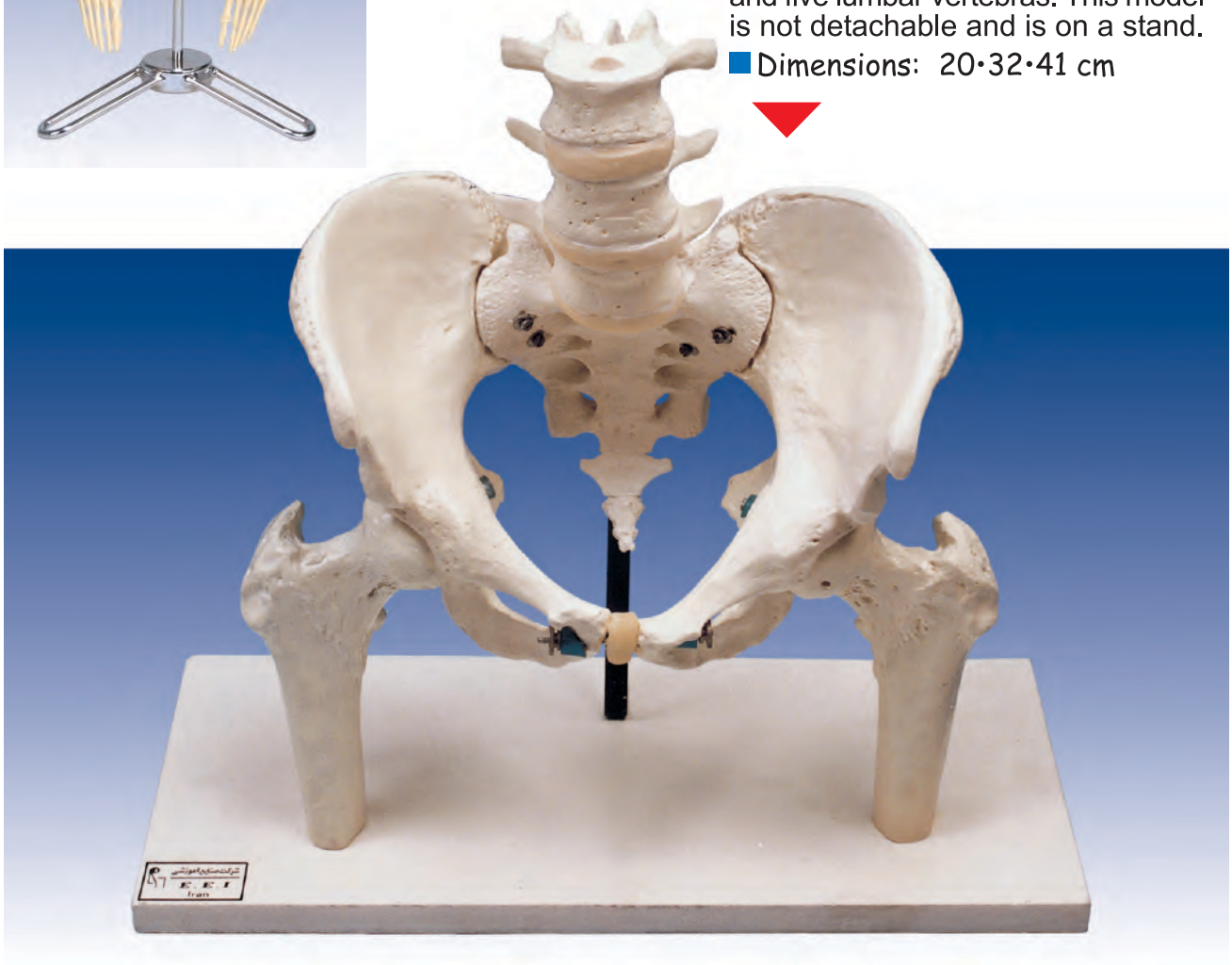
- Dimensions: 20•11•75 cm

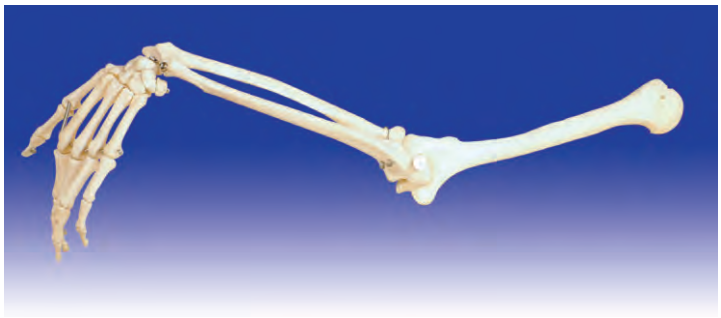
Skeleton of Female Pelvis

Cat. No: 11005

The model is casted from a natural pelvis. It consists of hip bones, sacrum, coccyx, upper part of femurs and five lumbar vertebras. This model is not detachable and is on a stand.

- Dimensions: 20•32•41 cm





Arm Skeleton, natural size

Cat. No: 11004
The model is casted from a natural skeleton and made of unbreakable plastic. The anatomical details are shown well and joints are movable. It is on a stand and contains 29 pieces.

- Dimensions: 20•10•70 cm

Leg Skeleton, natural size

Cat. No: 11007
The model is casted from a natural skeleton and made of unbreakable plastic. The anatomical details are shown well and joints are movable. This model contains 30 pieces and is on a stand.

- Dimensions: 40•12•80 cm

Knee Joint

Cat. No: 11006
The model is natural size and one part. It shows the end part of femur, the beginning part of tibia and fibula, meniscus, patella with quadriceps tendon and joint ligament. It is on a stand and non detachable.

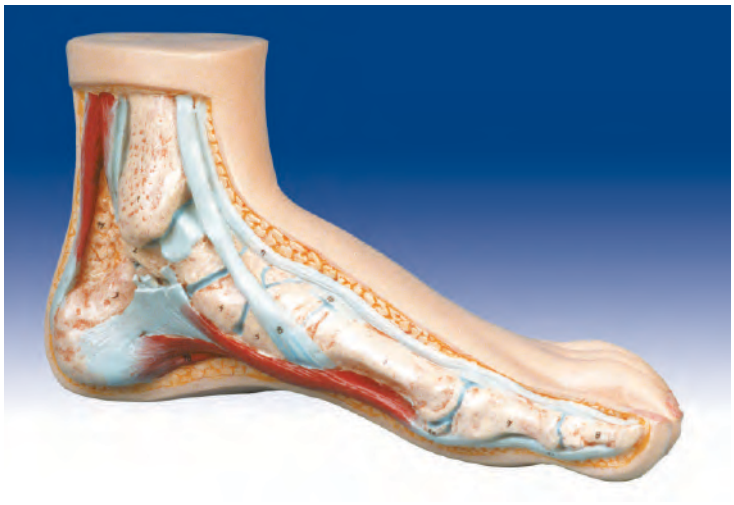
- Dimensions: 11•11•23 cm

Normal, Arched and Flat Foot

Cat. No: 40001

The models are designed in natural size. They demonstrade superficial bones structures, muscles, ligaments, tendons, internal ankle in a normal, arched and flat foot. The models consist of 3 pieces.

- Dimensions: 24•10•14 cm



Muscular Figure, $\frac{1}{10}$ natural size

Cat. No: 15002

This model is $\frac{1}{10}$ natural size and made of unbreakable plastic. It demonstrates superficial muscles. The model is one part and non detachable. It is mounted on a stand.

- Dimensions: 14•8•20 cm

Muscular Figure, $\frac{1}{4}$ natural size

Cat. No: 15001

This model is $\frac{1}{4}$ natural size and demonstrate superficial muscles. This model is made of one non-detachable part which is on a base.

- Dimensions: 33•11•49 cm

Torso with Muscle, $\frac{1}{4}$ natural size

Cat. No: 14000

The model is $\frac{1}{4}$ natural size and contains 4 pieces. The pieces are as follow: half of right and left lungs(2 pcs), heart, liver, stomach, small and large intestine and the model body. This model is on a base.

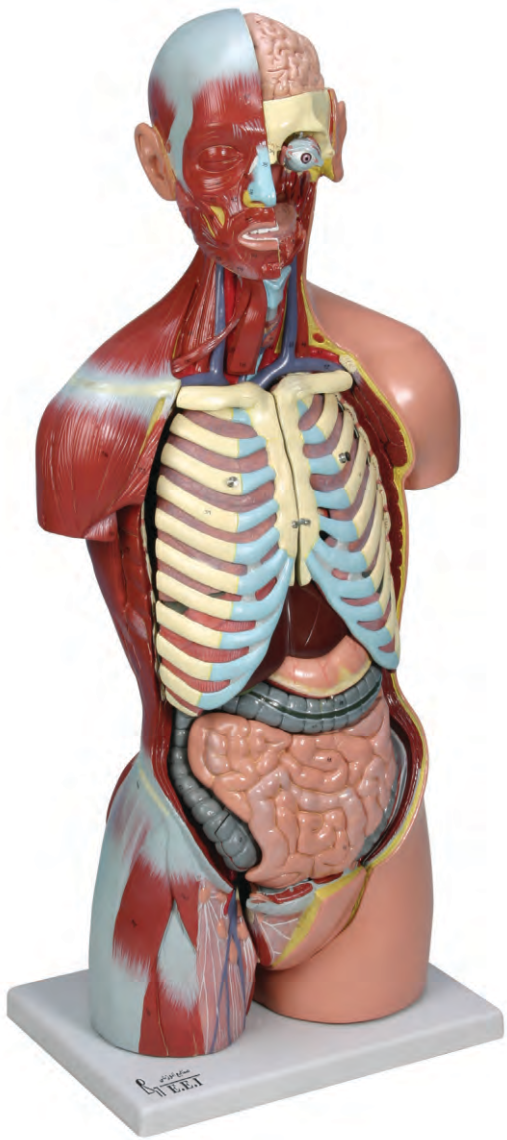
- Dimensions: 14•8•50 cm

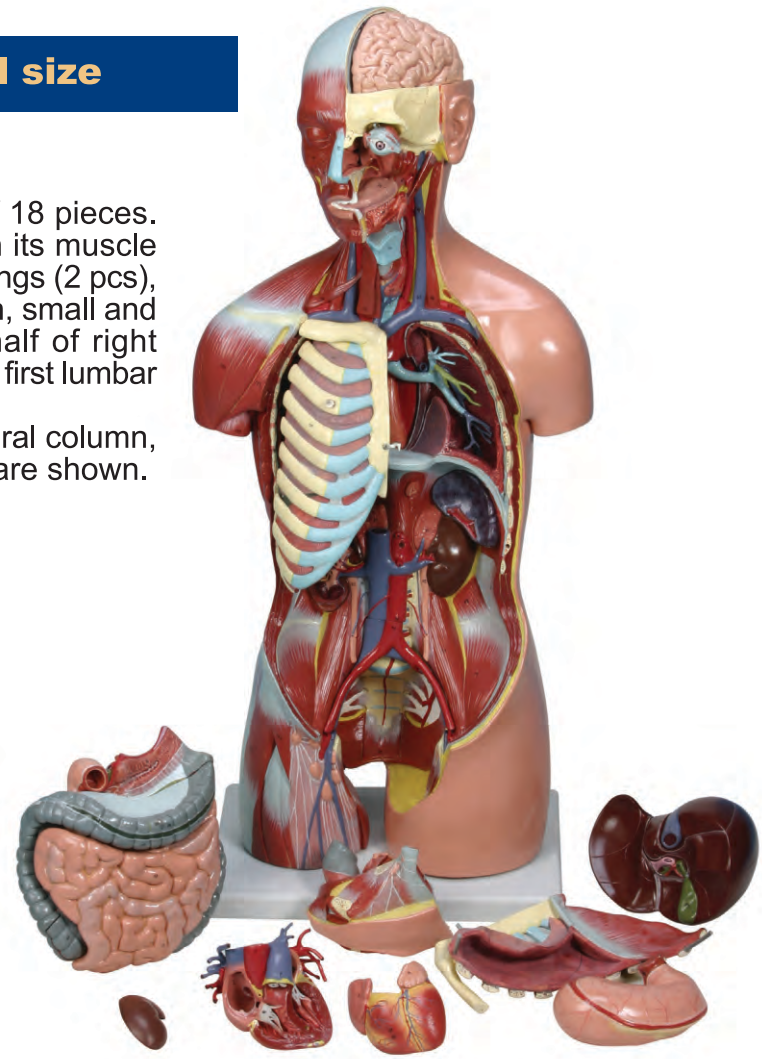
Torso with Muscle, natural size

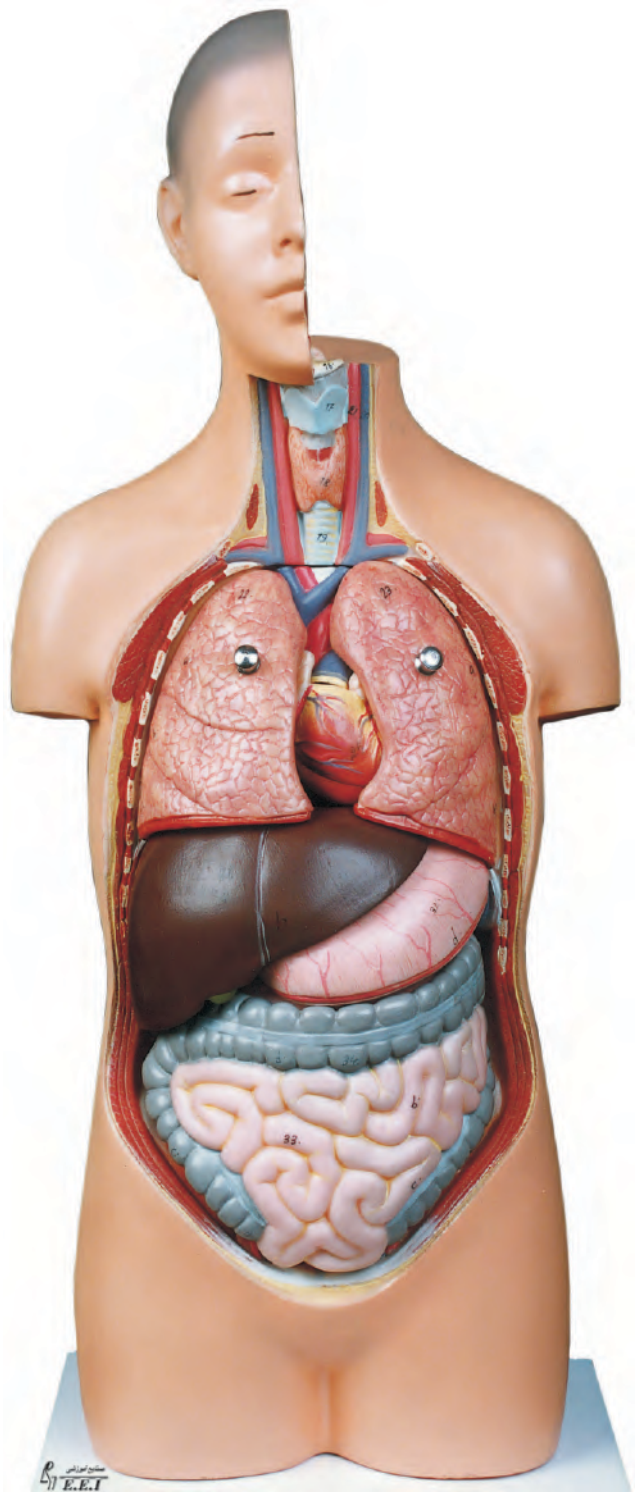
Cat. No: 14001

The model is natural size and consists of 18 pieces. They are as follow: half of brain, eye with its muscle and optic nerve, half part of left and right lungs (2 pcs), heart (2 pcs), bronchial tree, liver, stomach, small and large intestines(3 pcs), appendix flap, half of right kidney, bladder with pelvic floor (2 pcs), the first lumbar vertebra and body of the model.
The right side of the body muscles, vertebral column, spinal cord and its nerves and meninges are shown.
This model is on a base.

- Dimensions: 36•25•83 cm







Torso, $\frac{1}{2}$ natural size

Cat. No: 14003

The model is $\frac{1}{2}$ natural size and consists of 9 pieces. The pieces are: half part of left and right lungs (2 pcs), heart (2 pcs), liver, stomach, small and large intestines, half of right kidney and body of the model. This model is mounted on a base.

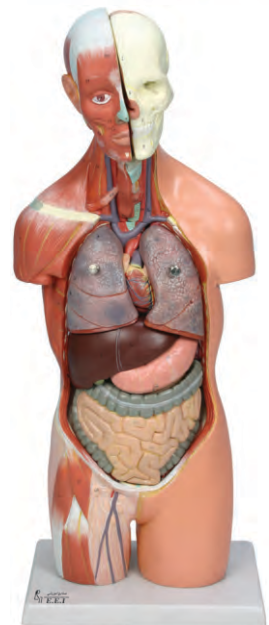
Dimensions: 20·13·50 cm

Torso with Muscle, $\frac{1}{2}$ natural size

Cat. No: 14004

The model is $\frac{1}{2}$ natural size and contains of 11 pieces. They are as follow: left part of the head, half part of left and right lung (2 pcs), heart (2 pcs), liver, stomach, intestine, half of right kidney, part of abdominal aorta and inferior vena cava and the model body. It is on a base.

Dimensions: 36·25·83 cm

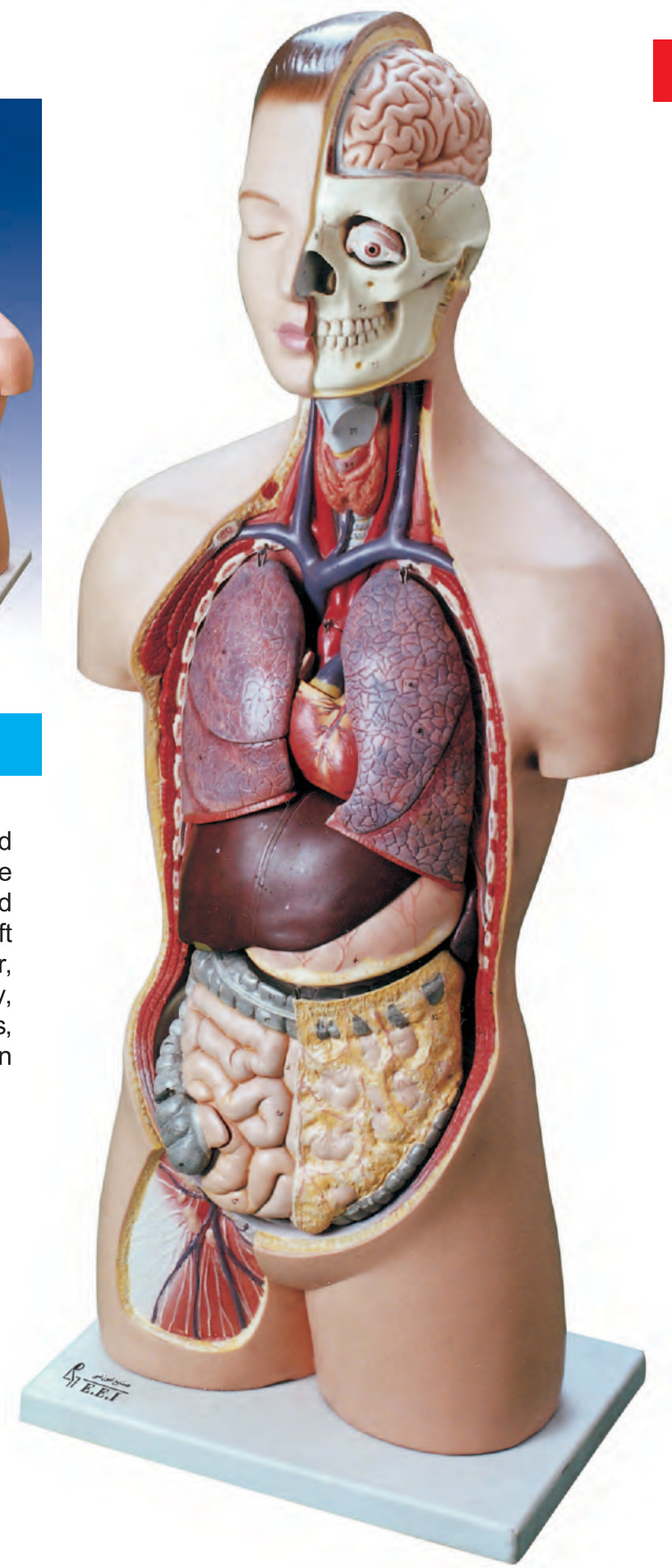


Torso, natural size

Cat. No: 14002

This model is in natural size and consists of 12 pieces. They are as follow: eye with its muscle and optic nerve, half of right and left lung (2 pcs), heart (2 pcs), liver, stomach, half of right kidney, small and large intestines, appendix section, bladder section and the model body.
The model is on a base.

- Dimensions: 14•8•20 cm



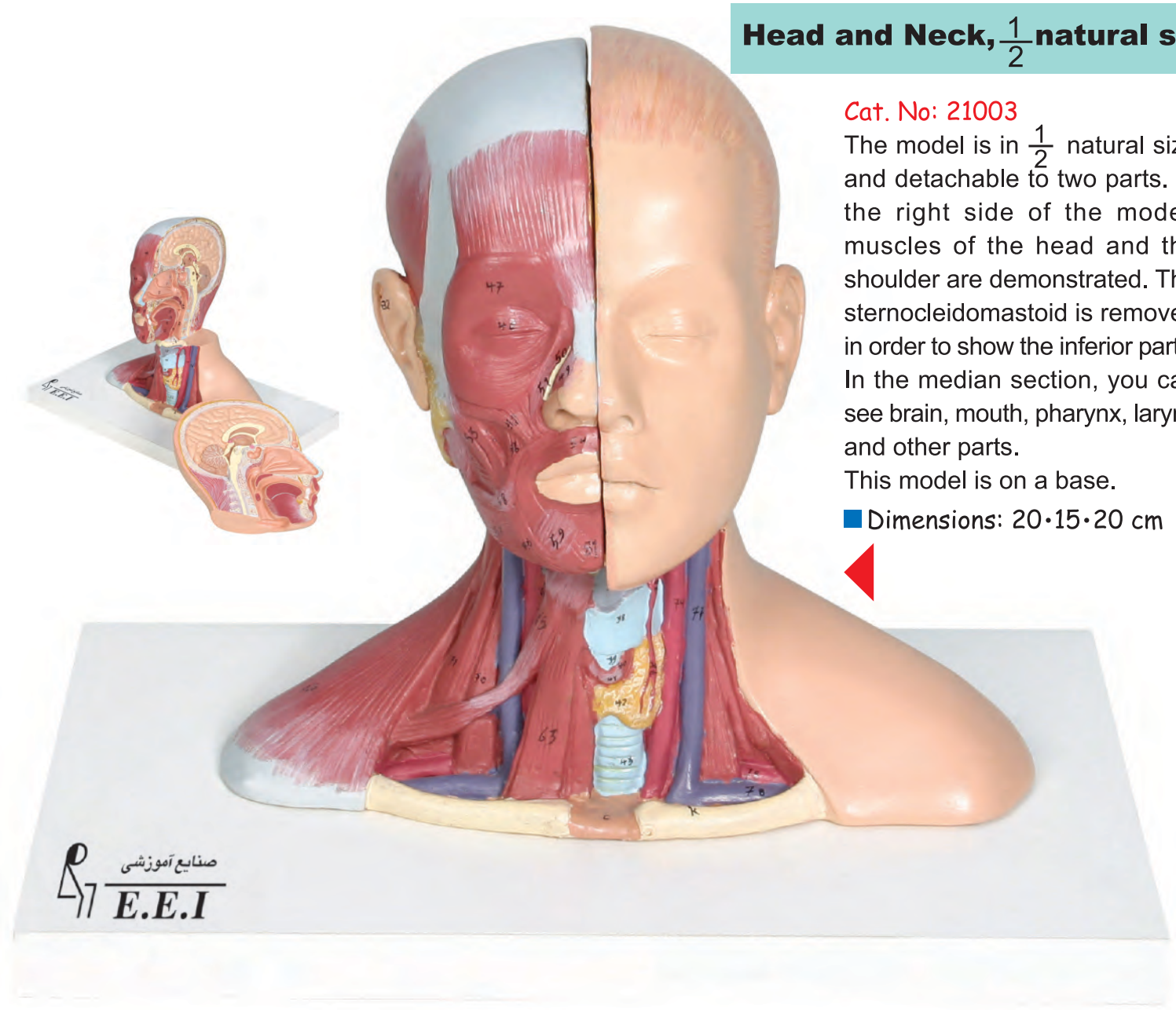
Sections of Head, natural size

Cat. No: 21001

The model consists of two parts: median and frontal sections. The frontal section is from behind the eyeball. This model is on a base and non-detachable.

- Dimensions: 48·33·6 cm

Head and Neck, $\frac{1}{2}$ natural size

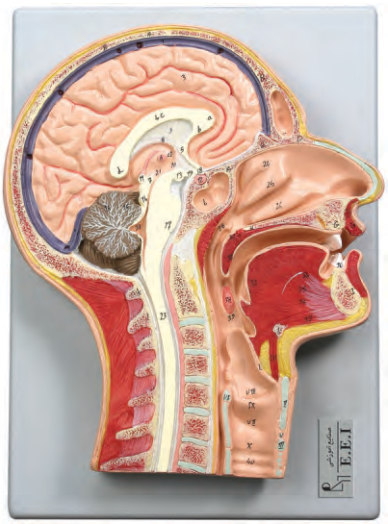


Cat. No: 21003

The model is in $\frac{1}{2}$ natural size and detachable to two parts. In the right side of the model, muscles of the head and the shoulder are demonstrated. The sternocleidomastoid is removed in order to show the inferior parts. In the median section, you can see brain, mouth, pharynx, larynx and other parts.

This model is on a base.

- Dimensions: 20·15·20 cm



Median Section of Head and Neck, natural size

Cat. No: 21004
This model is on a board and non-detachable.

- Dimensions: 35•30•5 cm

Fifth Cervical Vertebrae

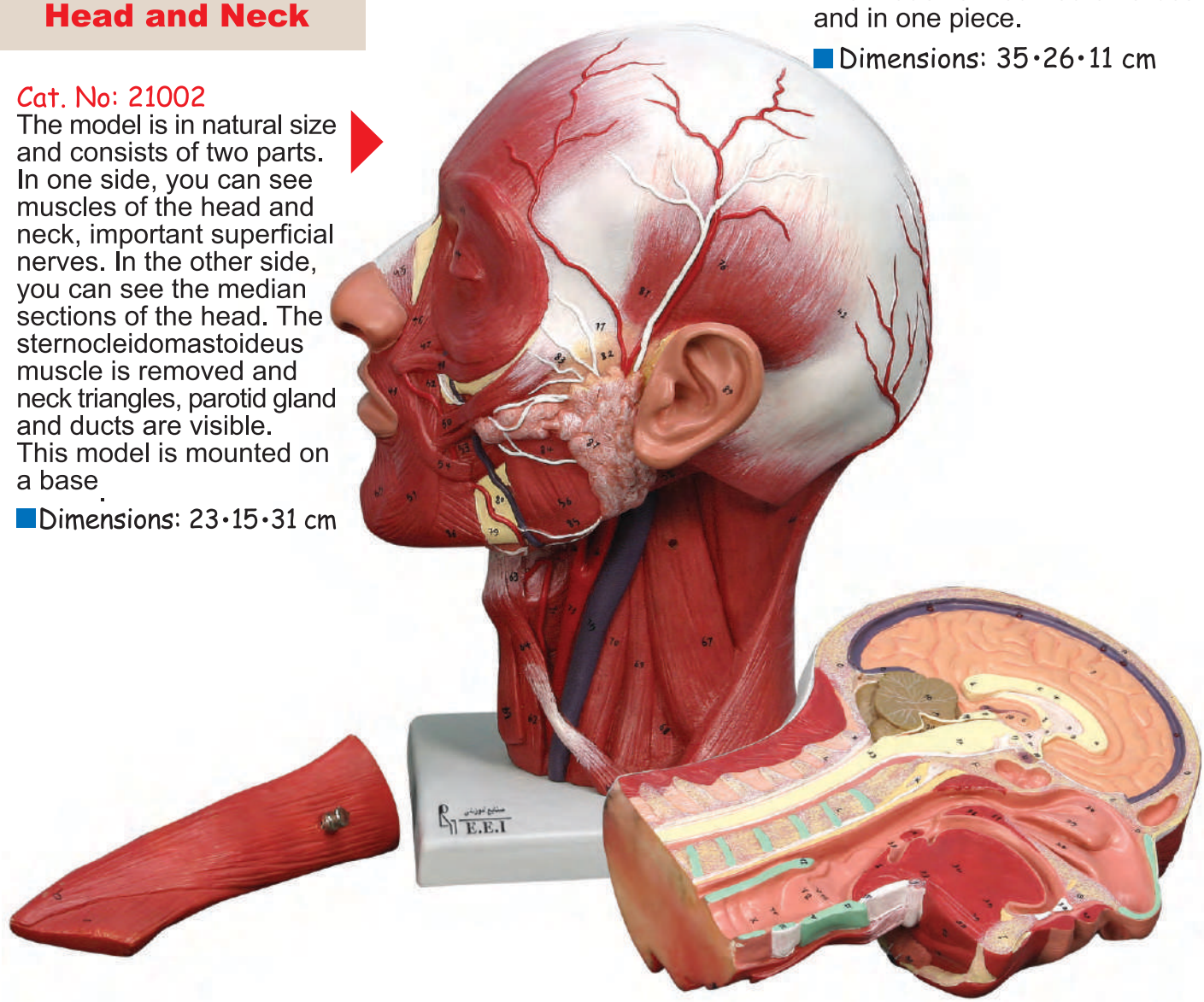
Cat. No: 21005
This model is enlarged approximately 7 times. The model demonstrated a cervical vertebrae in superior view which contains cross section of spinal cord and its nerve branches, ganglion and veins.
The model is mounted on a board and in one piece.

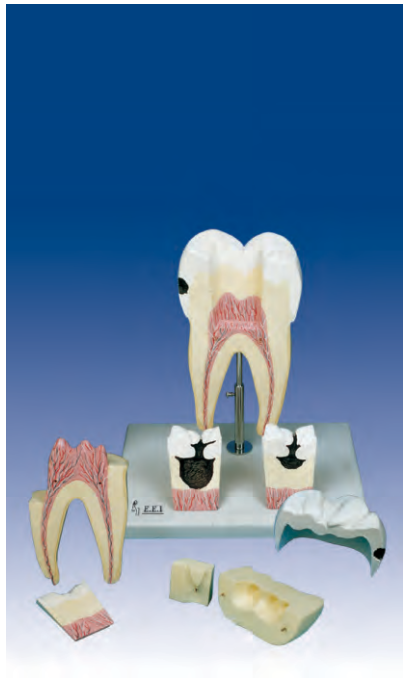
- Dimensions: 35•26•11 cm

Head and Neck

Cat. No: 21002
The model is in natural size and consists of two parts. In one side, you can see muscles of the head and neck, important superficial nerves. In the other side, you can see the median sections of the head. The sternocleidomastoideus muscle is removed and neck triangles, parotid gland and ducts are visible.
This model is mounted on a base.

- Dimensions: 23•15•31 cm





The first Molar Teeth in Lower Jaw

Cat. No: 13002
This model is 16 times enlarged and consists of 8 pieces. The model is longitudinally divided in two parts which shows the crown and root. The half of the enamel and dentin in the crown and the part of dentin in the root are divided. Since the model is very large, teaching tooth structure will be very easy. In addition, the model demonstrates the roots canals and the interchangeable parts which show the different stages of tooth decay.
This model is on a base.

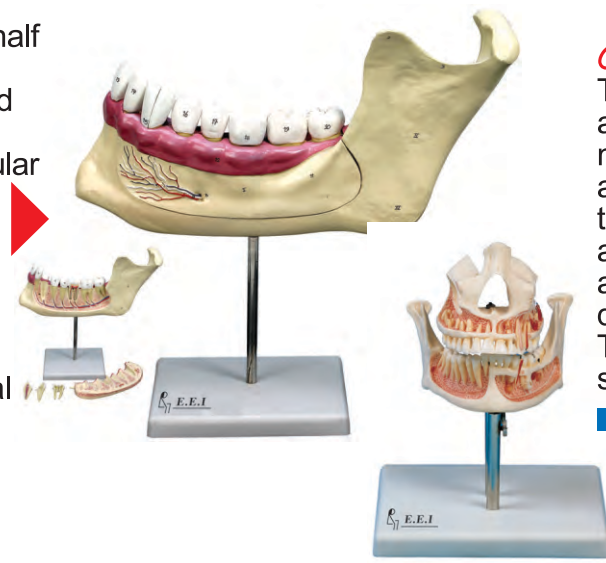
- Dimensions: 13·16·29 cm

Lower Jaw

Cat. No: 13003
This model is 3 times enlarged and consists of 6 removable parts. In addition to demonstrate the human half lower jaw, it shows below items:
1. Anatomical details of internal and external of the lower jaw
2. Entrance of vessels and mandibular nerve to the jaw bone and their distribution on the bone surface
3. Exit of vessels from a hole their distribution on the bone surface
4. Teeth of lower and upper jaw
5. Section of canines and the first premolar teeth (for showing internal structure of teeth)
6. Spongy bone of jaw
The models are on bases.

- Dimensions: 33·19·6 cm

Upper and Lower Jaw, natural size



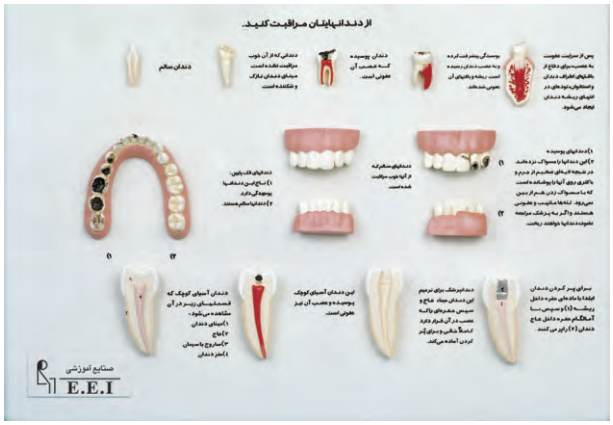
Cat. No: 13001
This model is in natural size and consists of two parts. The model demonstrates the lower and upper jaw structures, tooth and their roots, vessels and nerves of the tooth and a couple of important tooth diseases.
This model is mounted on a stand.

- Dimensions: 9·9·10 cm

Tooth models, enlarged

Cat. No: 13006
The model shows 5 types of the permanent tooth which are approximately enlarged 8 times. Each model is mounted on a stand with base. The 5 types are as follow:
1. Upper incisor
2. Upper canine, longitudinally divided in 2 parts
3. The first upper premolar, 2 parts
4. The second upper premolar, 2 parts
5. The first upper molar, 3 parts

- Dimensions: 16·13·29 cm

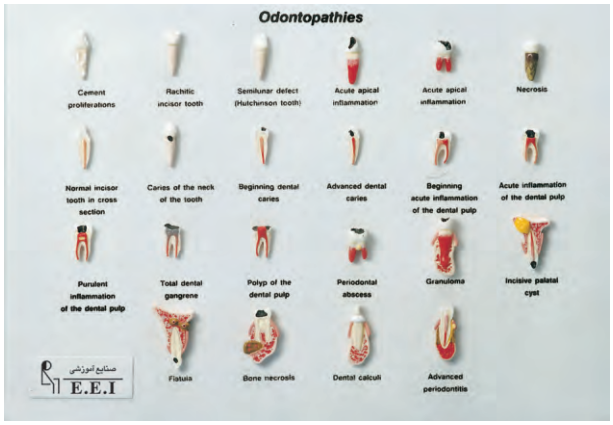


Take care of your Teeth

Cat. No: 13005

Demonstrating decayed teeth and healthy teeth together, the model tries to show the importance of caring of teeth. Some of teeth are in natural size, but some of them are enlarged. The model consists of 12 non-detachable parts and is on a board.

- Dimensions: 35·25·3 cm



Teeth Diseases

Cat. No: 13004

The model demonstrates some important dental diseases. This model is on a board and non-detachable.

- Dimensions: 35·25·3 cm

Teeth Brushing Instruction Model, 3-time enlarged

Cat. No: 13008

This model shows the upper and lower jaws teeth in an adult person and is 3 times enlarged. The flexible joint of the two jaws, large size of the model and the tooth brush help teachers to teach the correct method of teeth brushing in classrooms.

- Dimensions: 19·14·140 cm

Tooth Brushing Instruction Model

Cat. No: 13009

This model is designed in natural size and shows the teeth of the lower and upper jaws in an adult person. Moreover, it helps to teach how to brush teeth in the correct method.

- Dimensions: 9·7·7 cm

Gingivitis Model

Cat. No: 13007

The model is made in natural size. It shows gingivitis in a complete set of teeth.

- Dimensions: 11·7·7 cm

Brain, 2 parts

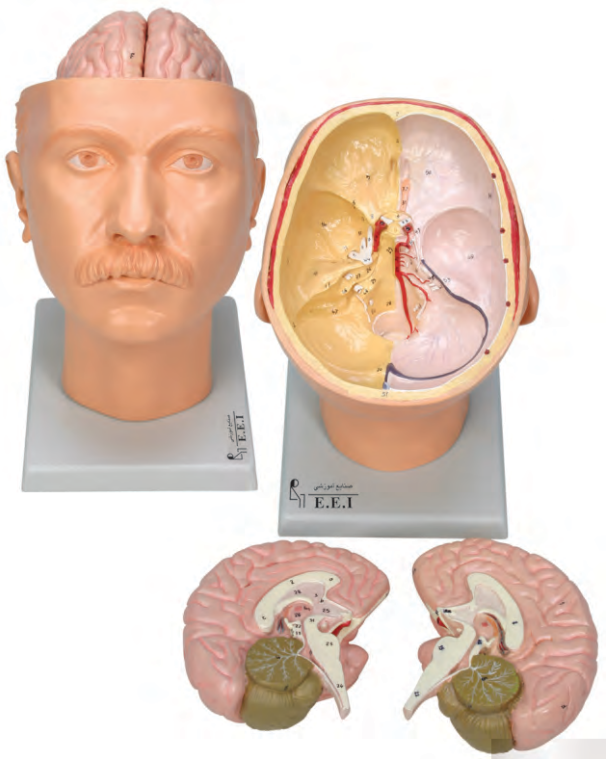
Cat. No: 17001
This model is casted from a natural brain. It is sectioned into two parts and shows median section of the brain.
The model contains two unbreakable parts and is on a base.

- Dimensions: 15•14•12 cm

Brain, 8 parts

Cat. No: 17002
The model is casted from a natural brain. It is sectioned into two hemispheres of right and left. Each hemisphere is divided to 4 parts: frontal and parietal lobes, temporal and occipital lobes, half of brain stem and cerebellum.
This model consists of 8 unbreakable parts and is on a base.

- Dimensions: 15•14•12 cm



Head
With demonstrating brain and base of skull

Cat. No: 17003
This model is in life size and consists of 3 parts. The brain is divided into two hemispheres(left and right). Bones in base of skull are shown at the left side and cranial nerves (I-XII), basilar artery and its branches are visible in the floor of cranial cavity in dura mater and the right side.

- Dimensions: 23•15•28 cm

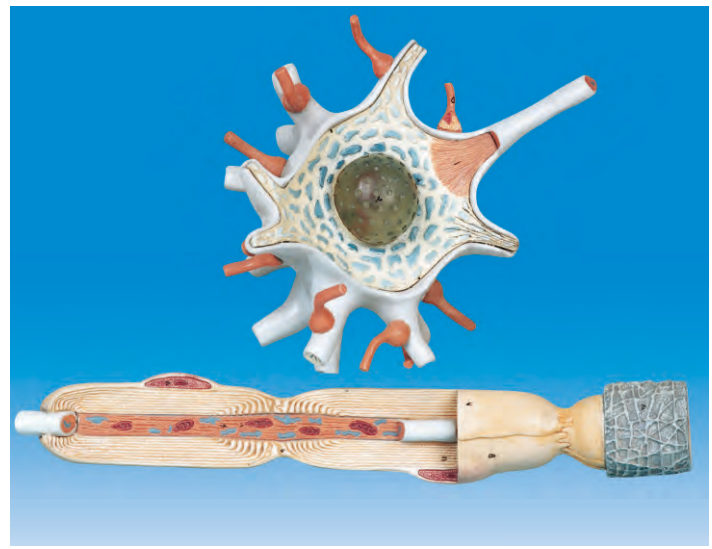
Nerve cell

Cat. No: 18001

This model is according to electron microscope images. It is enlarged 2500 times and demonstrates structure of a neuron: cell body with organelles, synapses of connected neurons and medullated nerve fiber, dendrites, axon and its fiber.

The model is made of two non-detachable parts which is fixed on a board.

- Dimensions: 28•40•14 cm



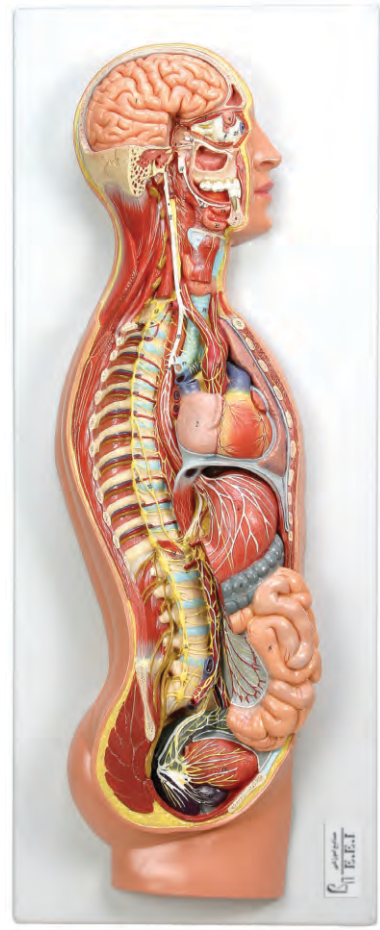
Spinal cord and Nerves Branches

Cat. No: 18002

It is larger than life size and shows two transverse sections of spinal cord. Roots and branches of spinal cord nerves and ganglion are also shown.

The model contains two non-detachable parts which is on a board.

- Dimensions: 30•25•10 cm



Sympathetic and Parasympathetic Nervous System

Cat. No: 18003

This model is natural size and one piece. It demonstrates sympathetic and parasympathetic nervous systems in head and neck, thorax, abdomen and pelvis.

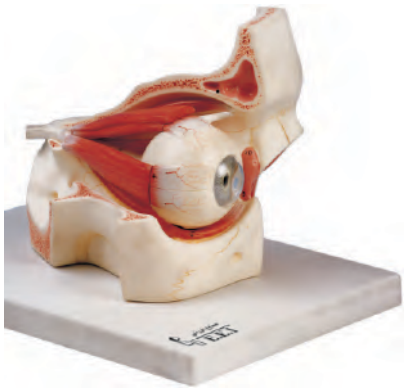
The model is on a board and non-detachable.

- Dimensions: 75•24•10 cm

Eyeball with Part of Orbit

Cat. No: 19001
This model is enlarged 3 times. It has 8 parts and demonstrates the eyeball position in a part of the orbit. The removable parts of the model are as follow: upper half of sclera, choroids with retina (2 parts), lens, vitreous humour, optic nerve, superior and lateral muscles of eyeball (2 parts).
The models is on a board.

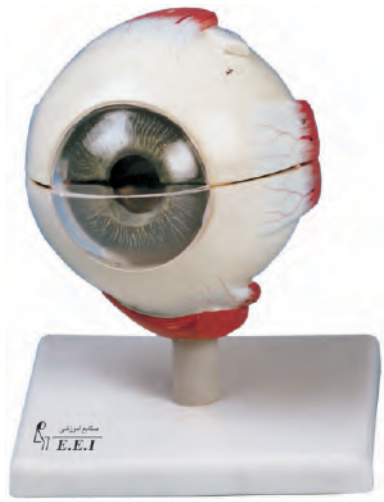
- Dimensions: 20•30•22 cm



Eyeball

Cat. No: 19003
The model is like model Cat. No: 19002, but it does not have eyelid and lacrimal organ. This model is on a base.

- Dimensions: 11•7•7 cm

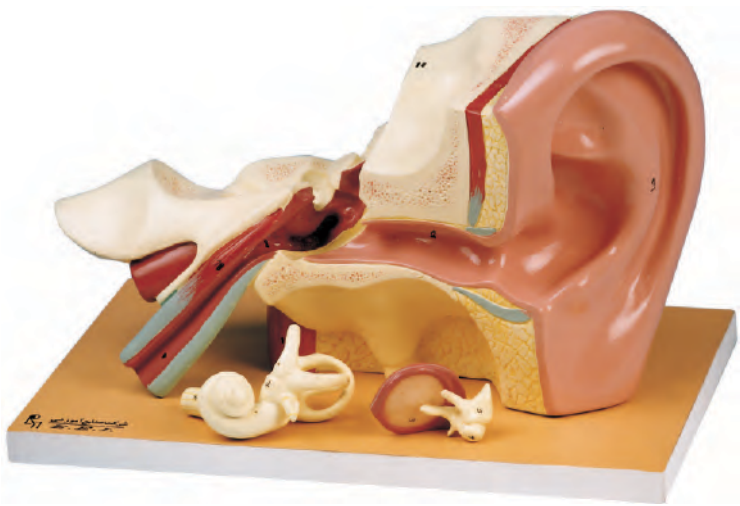


Eyeball with Eyelid and Lacrimal Organ

Cat. No: 19002
This model is 5 times enlarged and consists of 7 parts.
The parts are: eyelid and lacrimal organ, upper half of sclera with cornea, upper and lower half of choroids with iris and retina, lens, vitreous humour and lower half of sclera with cornea.
The model is on a base.

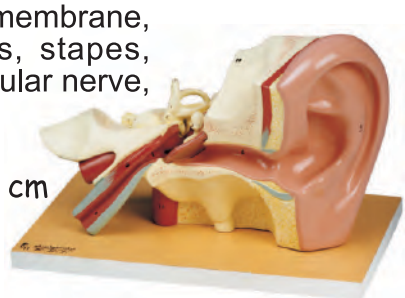
- Dimensions: 20•15•19 cm

Ear



Cat. No: 20001
The ear model is enlarged 3 times and consists of 3 parts.The structure of external, middle and internal ear is shown well by the model. It also demonstrates tympanic membrane, auditory incus, malleus, stapes, labyrinth, cochlea, vestibular nerve, eustachian tube.
The model is on a board.

- Dimensions: 23•20•19 cm

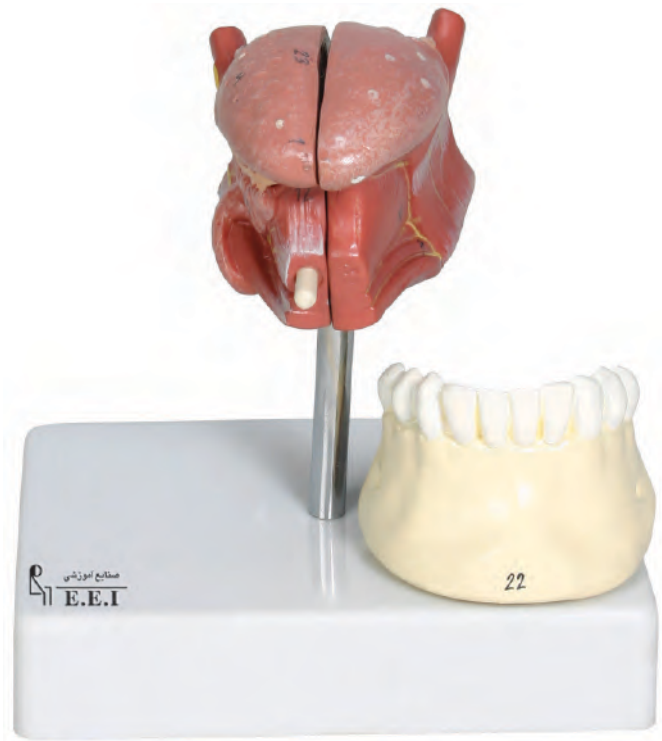


Tongue

Cat. No: 23001

The model in life size and is sectioned medially. The muscles sublingual and submaxillary salivary glands, vessels and nerves are demonstrated.
The front part of the lower jaw is shown and detachable in this part.
This model is on a base.

- Dimensions: 9•6•7 cm

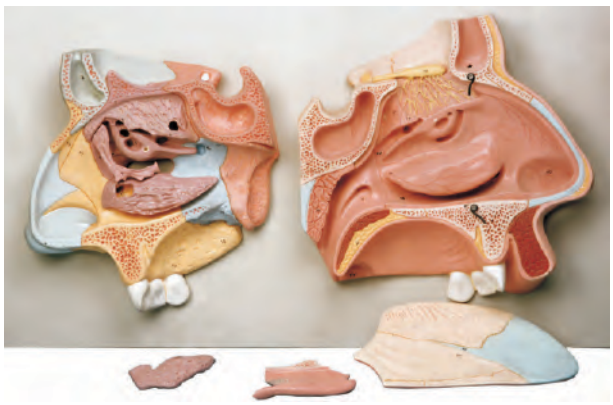


Nose

Cat. No: 22001

It is larger than life size and shows middle section of the nose in two parts. In the right part of the model, the nasal septum is separated, and you can see nasal cavity with an integument mucous. The middle nasal concha is divided and the olfactory bulb and nerves are shown under it. In the left part of the model, there is not any integument mucous. In this part, structure of bones, cartilages and nasal passage are demonstrated. The model has 5 parts and is on a board.

- Dimensions: 70•38•7 cm

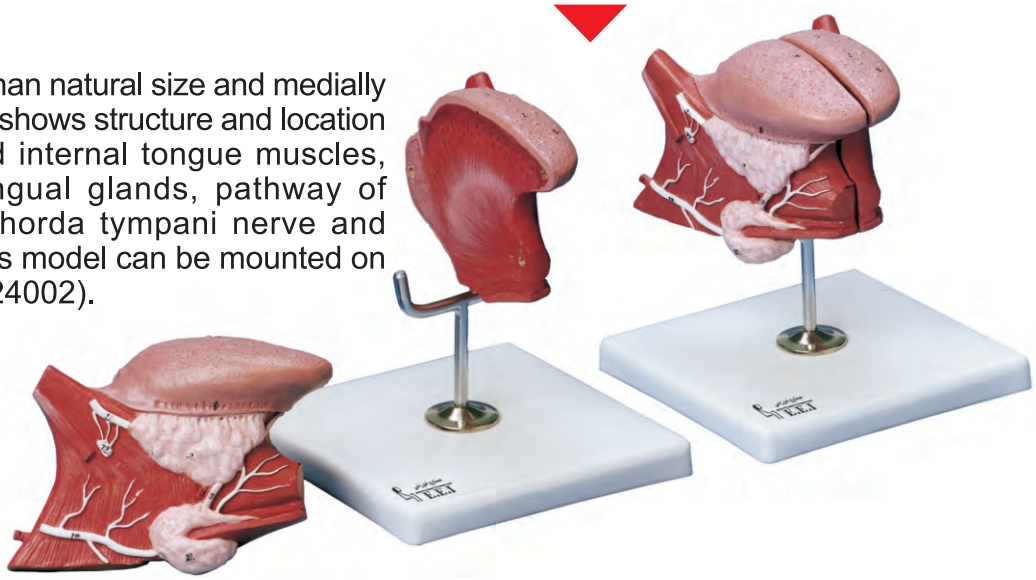


Tongue

Cat. No: 23002

This model is 2 times larger than natural size and medially divided in 2 parts. The model shows structure and location of taste buds, external and internal tongue muscles, submandibular and sublingual glands, pathway of hypoglossal (XII) nerve, chorda tympani nerve and submandibular ganglion. This model can be mounted on the tongue model (cat. No: 24002).

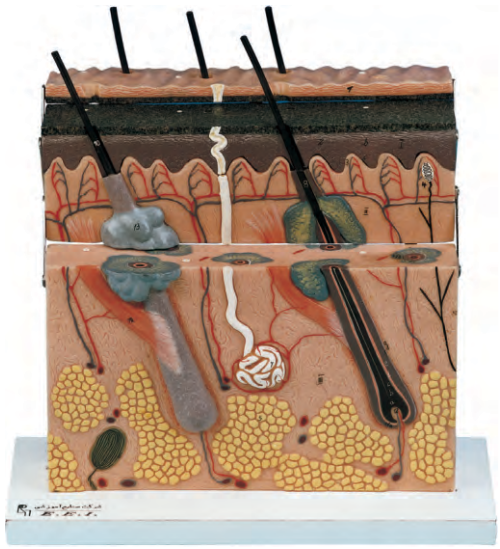
- Dimensions: 20•15•19 cm



Skin Section

Cat. No: 16001
This model is similar to the model No. 16002, but the difference is in the number of the pieces. The model consists of 4 detachable parts and is on a board.

- Dimensions: 28•12•28 cm



Skin Section (1 pcs)

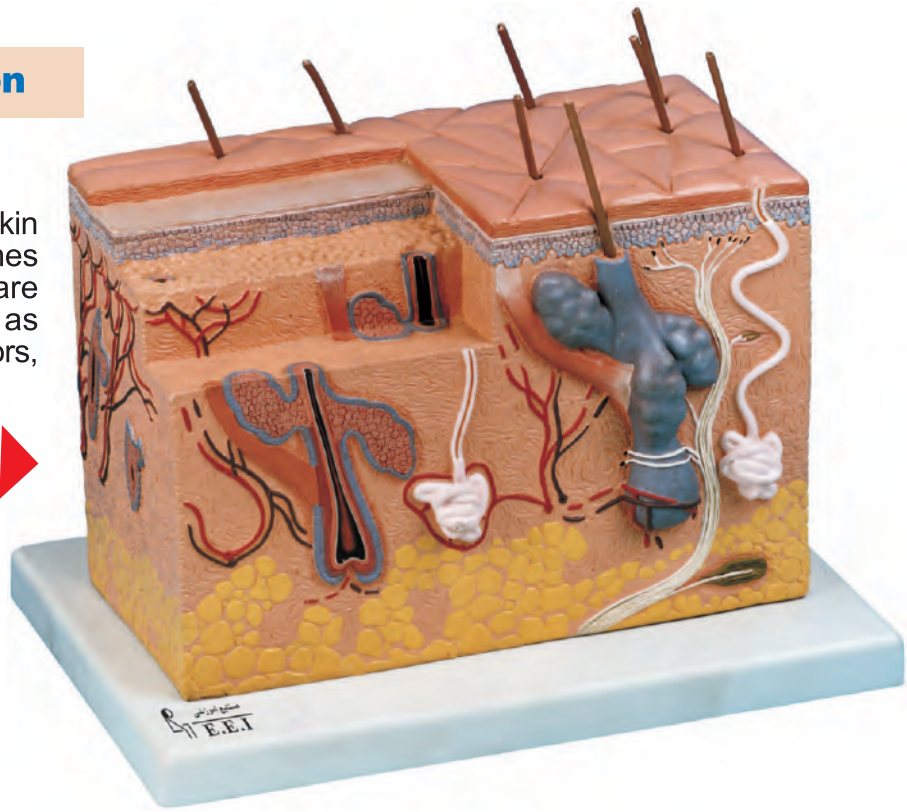
Cat. No: 16002
It is approximately 70 times larger than natural size and one piece. The different layer of the skin, hair follicle, sweat glands, nerves, sense receptors, vessels and skin nerves are demonstrated.
The model is on a board and nondetachable.

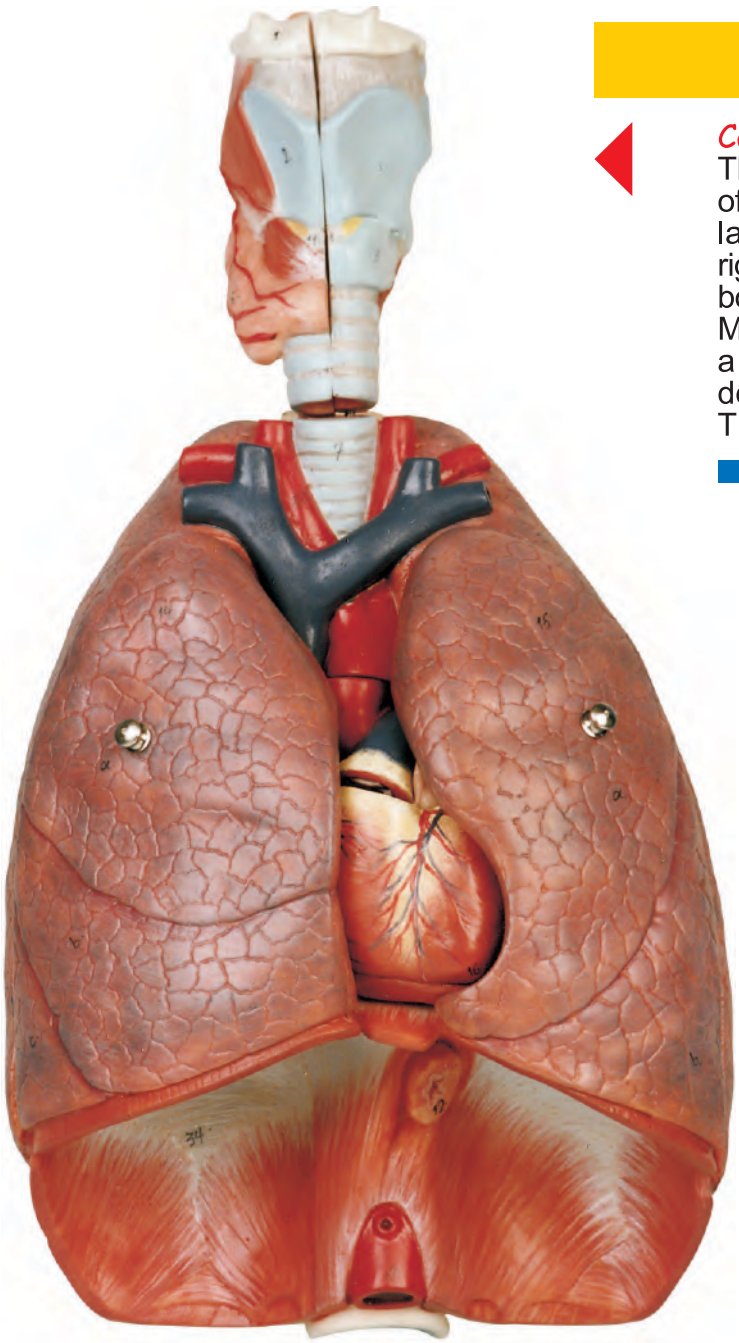
- Dimensions: 35•25•5 cm

Block Model of Skin Section

Cat. No: 16003
This model shows a section of human skin in three dimensional forms and is 75 times larger than full-size. Each skin layers are shown, and important structure such as hair follicle, sweat glands, sense receptors, nerves and vessels are shown.
The model is on a board and non-detachable.

- Dimensions: 35•25•29 cm





Respiratory System

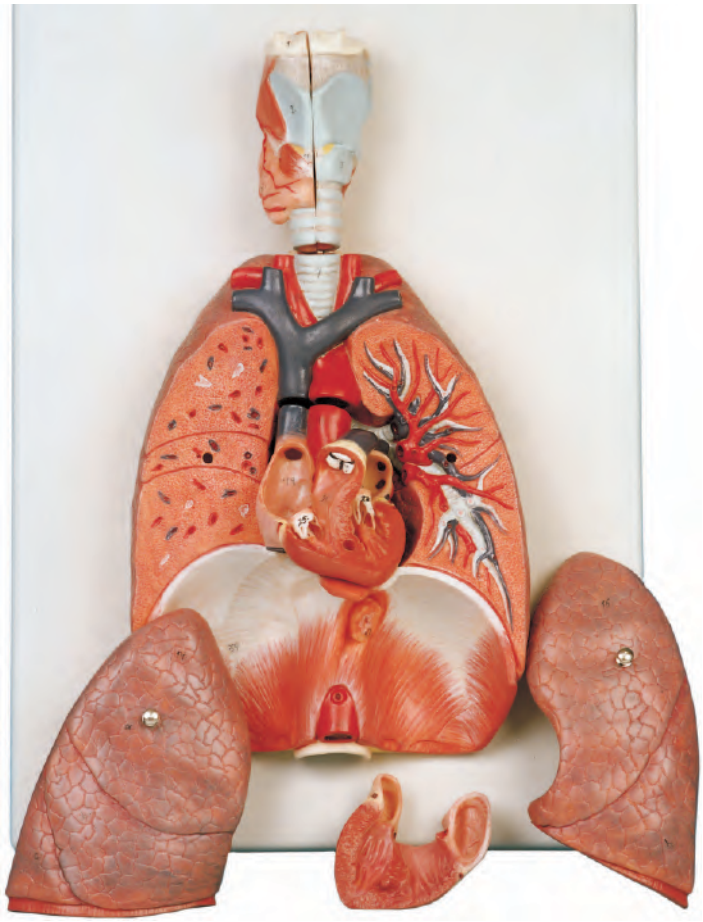
Cat. No: 26001

The model is in full-size and consists of 7 pieces. The pieces are as follow: larynx (2pcs), heart (2pcs), half of right and left lungs (2pcs) and the body of the model.

Moreover, trachea with bronchial tree and vessels in the lung are demonstrated.

This model is on a board too.

- Dimensions: 48•33•15 cm



Larynx (2 times larger than life size)

Cat. No: 24002
This model is 2 times larger than life size and can be divided to 4 parts. The cartilages, ligaments, muscles, vocal folds, vestibule and ventricle are shown. You can also see the path of superior and recurrent laryngeal nerves. Moreover, the arytenoid cartilages are shown to teach their function. The model is on a base, and you can mount the tongue model (Cat. No: 23002) on it.

- Dimensions: 19•19•20 cm

Tongue-Larynx

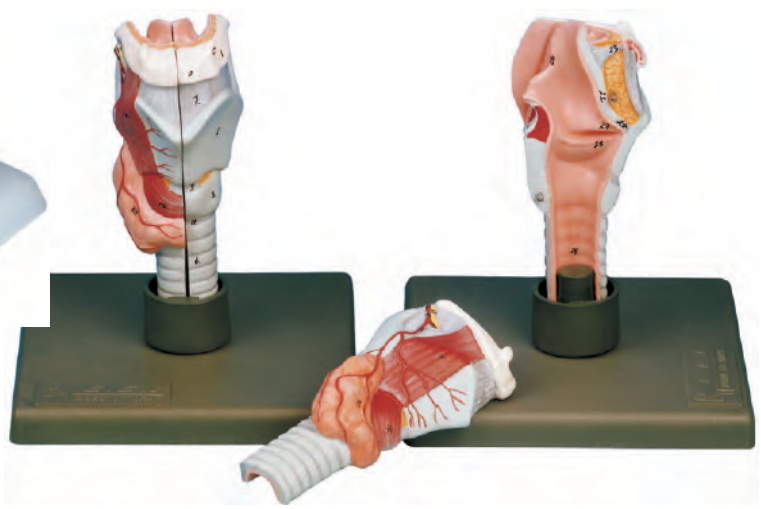
Cat. No: 23000
Tongue-larynx model is two times larger than full-size and divided to 6 parts. All structures explained in the larynx model (Cat. No: 24001) and the tongue model (Cat. No: 23002) are demonstrated.
It is on a base.

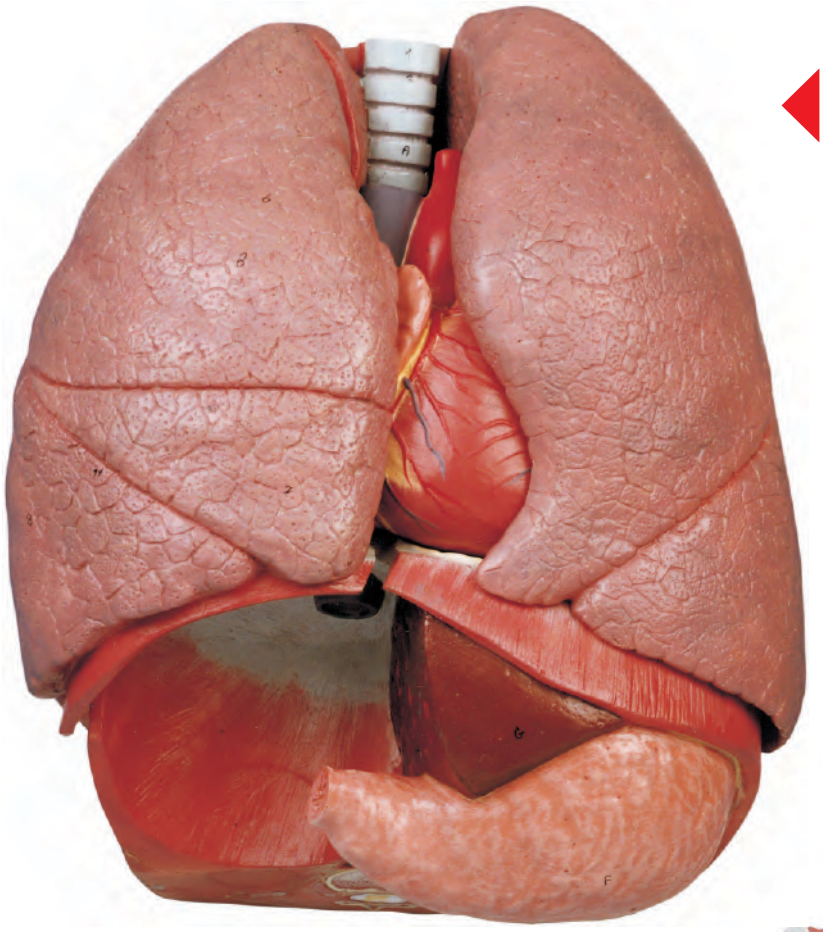
- Dimensions: 29•14•31 cm

Larynx (natural size)

Cat. No: 24001
This medially divided larynx is in natural size and two parts. The cartilages, ligaments, muscles and the thyroid gland are demonstrated.
The model is mounted on a stand.

- Dimensions: 14•5•5 cm



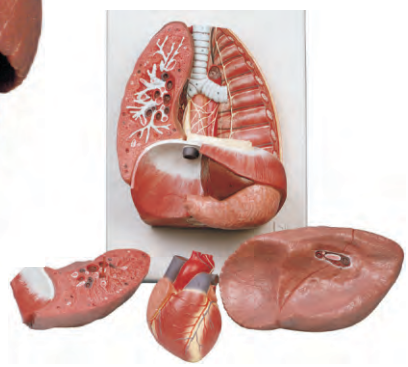


Thorax

Cat. No: 26002

It is in life size and consists of 4 parts as follow:
left lung, half of right lung, heart and thorax unit.
Coronal section of right lung shows bronchial tree in avleolar lung tissue. Taking off the left lung, the structure of mediastinum which is one of the complicated topic in anatomy is shown. The model also demonstrates hemiazygos vein, accessory hemiazygos vein, vagus and recurrent laryngeal nerve This model is on a board.

- Dimensions: 35•25•17 cm



Lobule and Alveolus

Cat. No: 26003

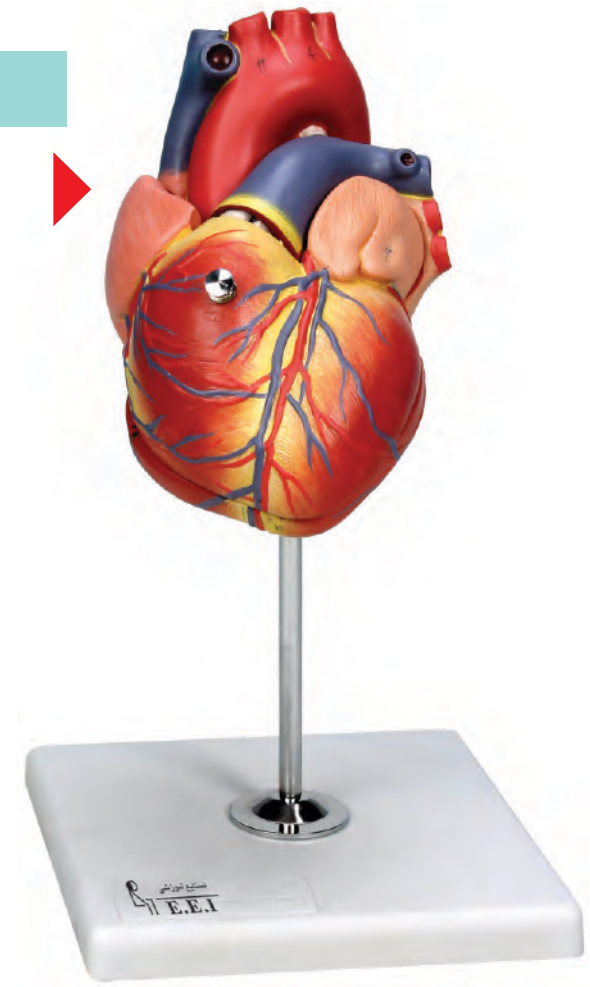
No. 1 Model: It is 150 times larger than natural size and demonstrates microscopic structure of a pulmonary lobule with capillary plexus, bronchi and bronchioles. The vertical distances of the bronchial tree are greatly shortened.
Model No. 2 : This model is 1000 larger than life size and demonstrates several adjacent alveolus sections. Since the model is large enough, you can see alveolus wall, pores, elastic fiber epithelium and capillaries.

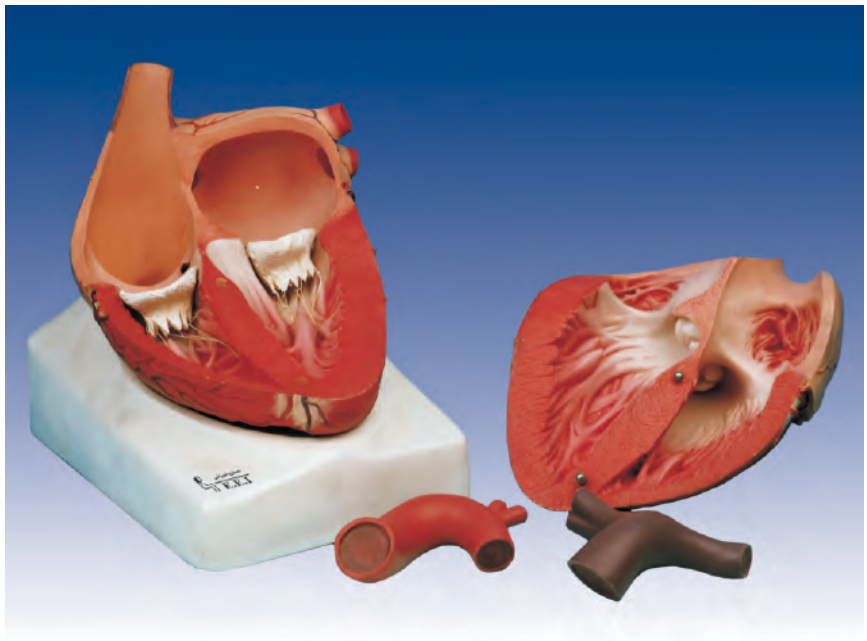
Heart

Cat. No: 25001

This model is full-size and consists of 2 parts. The anatomy of the human heart with ventricles, atrium, valves, veins and arteries are shown. The model is mounted on a stand.

- Dimensions: 16•12•8 cm





Heart
(3 times larger than natural size)

Cat. No: 25002

This professional model is 3 times larger than natural size and contains 4 parts. The model is designed base on the precise structure of the heart. All of the known vessels of the heart and their branches, exact cavity structure of the heart especially the right atrium are demonstrated properly. The aorta and the pulmonary can be detached from the near valves. Large size of the model makes teaching of delicate and important topics in the heart easy.
The model is on a stand.

- Dimensions: 25•20•23 cm

Digestive System

Cat. No: 28002

The model is full-size and shown the structures of the digestive system from the mouth to the anus. The mouth, pharynx and upper part of the esophagus are demonstrated in median section.

The model also contains following parts: esophagus, stomach (with a removable part), small and large intestines (with removable sigmoid colon), appendix, rectum, liver with gall bladder and pancreas.

It has 3 parts and is mounted on a board.

- Dimensions: 85•32•10 cm

Stomach

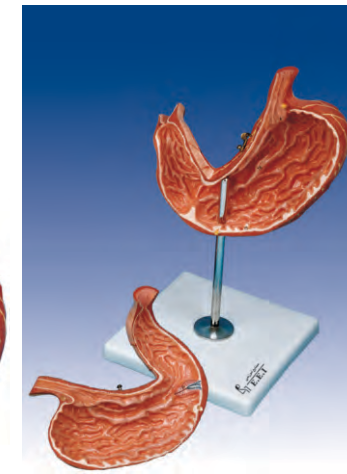
Cat. No: 28001

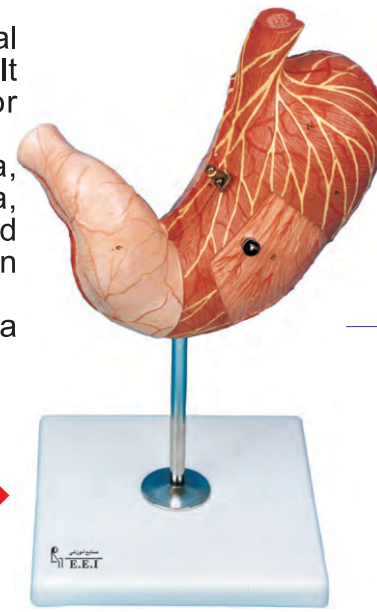
The stomach model is natural size and consists of 2 parts. It shows interior and exterior details of stomach.

3 muscular layers, mucosa, peritoneum, pylorus, cardia, fundus, nerve plexus and vessels are demonstrated in this model.

The model is mounted on a stand.

- Dimensions: 12•8•15 cm





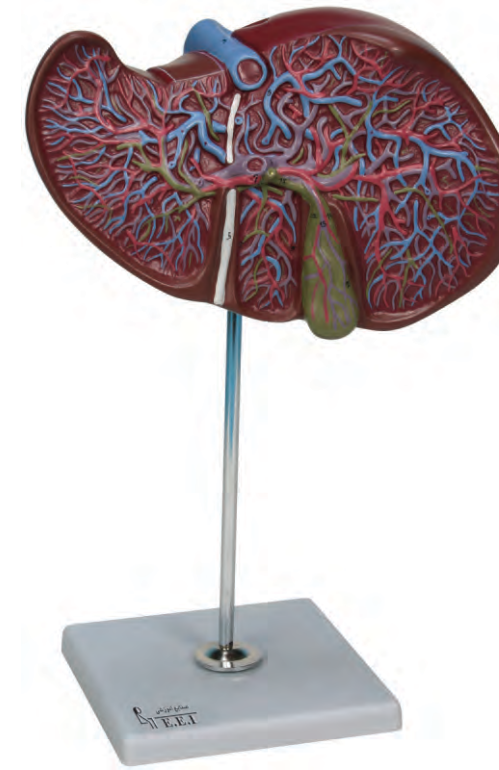
Liver and Gall Bladder

Cat. No: 29001

The model is larger than life size and shows the structure of the liver and gall bladder. A layer from the visceral surface is removed to show the vessels plexus and bile duct system.

The model is on a stand.

- Dimensions: 25•12•16 cm



Kidney, Nephron and Renal Corpuscle

Cat. No: 27002

In this 3 series model, in addition to longitudinal section of the kidney (3 times larger than natural size), the nephron structure (120 times larger than natural size) and the renal corpuscle (700 times larger than natural size) are demonstrated. Renal cortex and medulla, corpuscle and tubules system, calyx, pelvis and vascular system are shown in the longitudinal section of the kidney.
In the second model, the enlarged nephron structure (renal corpuscle, proximal and distal convoluted tubule, Henle's loop, collecting tubules and renal vascular system) is shown in one lobe of the kidney.
The third part is the structure of a renal corpuscle which is enlarged very much.
The glomerular and Bowmen's capsule are demonstrated in the model properly.
All parts are mounted on a board.

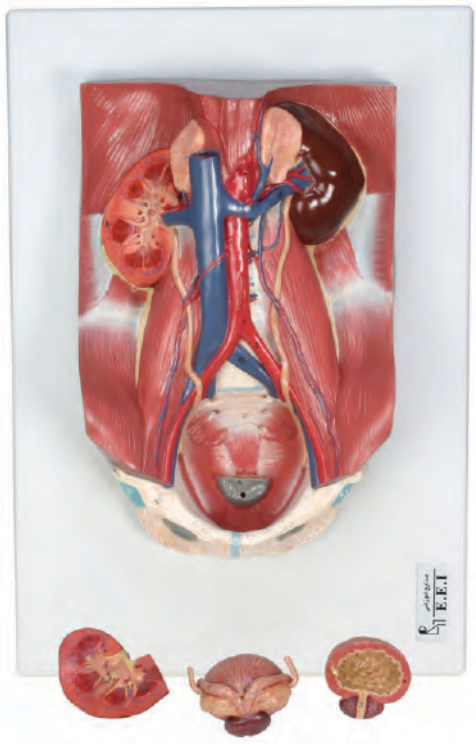
■ Dimensions: 60•30•7 cm

Urinary System

Cat. No: 27003

This model is full-size and consists of 4 parts. Kidneys, adrenal glands, ureter, bladder and prostate, large abdominal vessels and parts of abdominal muscles in the natural position are demonstrated.
Half of the right kidney is dissected longitudinally and inner structure of it is shown. The bladder is divided in two parts by median section and is detachable from the model.

■ Dimensions: 48•33•15 cm



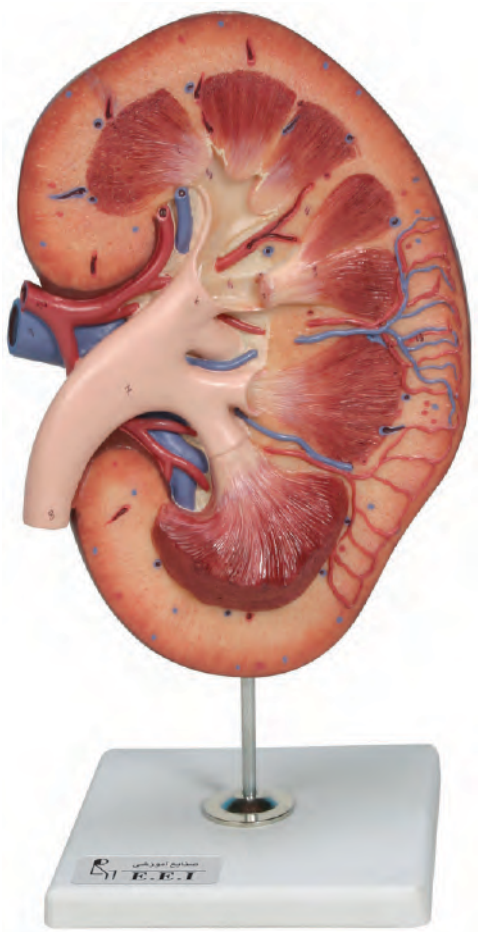
Kidney Section
(3 times larger than natural size)

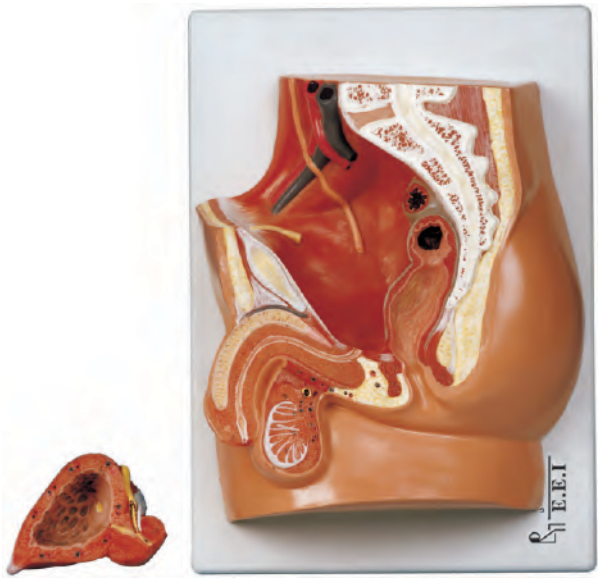
Cat. No: 27001

It is Longitudinal section of the left kidney and 3 times larger than natural size. The model consists of one part and shows:
- cortex and medulla
- collecting tubules and pyramids
- calyx system
- pelvis
- ureter
- renal vascular system

The model is on a stand.

■ Dimensions: 26•18•9 cm





Median Section of Male Pelvis

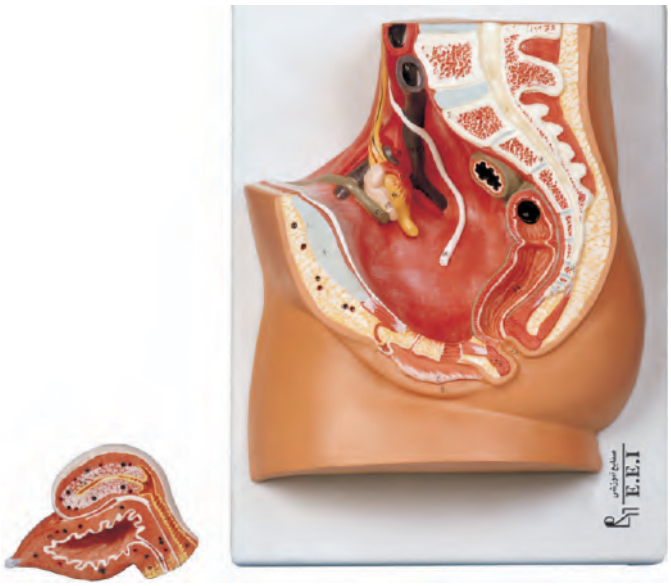
Cat. No: 30001
The model is life size and divided in two parts. This model shows the male genital organ structure with bladder and rectum in median section and their position in the pelvis cavity.
The model is on a board.

- Dimensions: 34 • 25 • 11 cm

Male Uro-genital System

Cat. No: 33002
This model is natural size and consists of 6 parts. In addition to urinary system, the model demonstrated the male genital system which is included testis, and its layers, spermatic cord and its passage through superficial and deep inguinal ring, the penis structure and its dorsal vessels and nerves, corpus cavernosum and spongiosum. The advantage of this model in comparison with its similar models is demonstration of inguinal ring and their relation to the abdominal cavity.
The model is on a board.

- Dimensions: 48 • 33 • 18 cm



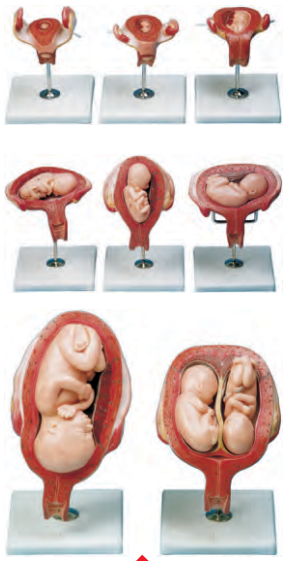
Median Section of Female Pelvis

Cat. No: 30002
The model is life size and divided in two parts. This model shows the female genital organ structure with bladder and rectum in median section and their position in the pelvis cavity.
The model is on a board.

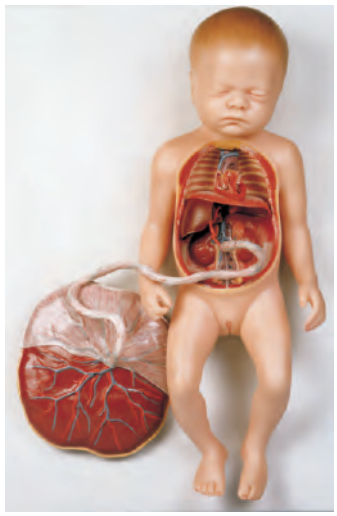
- Dimensions: 34 • 25 • 11 cm

Fertilization and Stages of Embryonic Development up to End of the First Month

Cat. No: 32001
This model is several times larger than natural size and shows fertilization and embryonic development up to end of the first month embryo in 13 different models.
Models 1-6 show the sperm penetration, development stages of secondary oocyte to ovum and fertilization. The cleavage are shown by models 7-9. Model 10 demonstrates implantation, and models 11-13 demonstrate embryo position in 15th day, the end of 3rd week and 1st month respectively.



Blood Circulation in Fetus

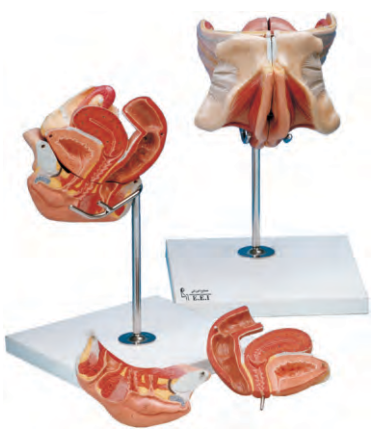


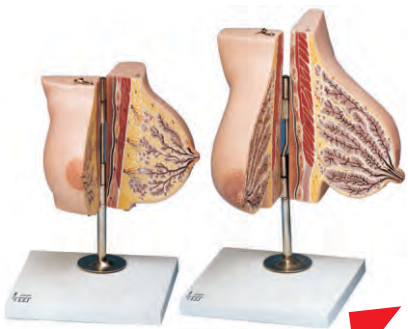
Cat. No: 32003
The model is full-size and demonstrates a female fetus who is near her birth, umbilical cod and placenta. The thoracic and abdominal cavity and heart are exposed to show blood circulation in a fetus.
The model is on a board and contains two parts.

- Dimensions: 43 • 16 • 11 cm

Pregnancy Series

Cat. No: 32002
The model is natural size and demonstrates development stages of the embryo from the first up to the seventh month of pregnancy.
The model consists of 8 parts which are mounted on a stand individually.
The No. 8 model shows a uterus with a twin embryo in the fifth month.
The model consists of 14 pieces.





Mammary Gland in Resting and Nursing Position

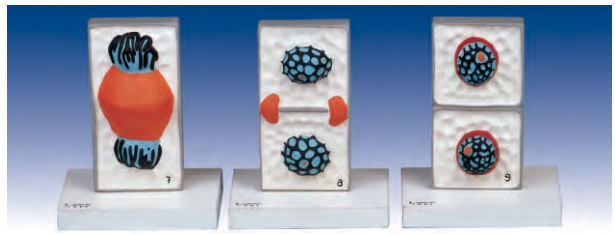
Cat. No: 34001
These two models show the mammary gland structure in pregnancy and feeding period (active) and before or after this period (non-active). In the model of nursing woman structure of lobes, lobules, alveoli, lactiferous duct, sinus and ampulla are shown. These structures also can be seen in a woman in the last trimester of pregnancy. In the nonpregnant model, the undeveloped glandular structure of the breast and rudimentary duct system are demonstrated. Major part is occupied by fat tissue. Each model is sagittal-section, two parts and mounted on a stand.

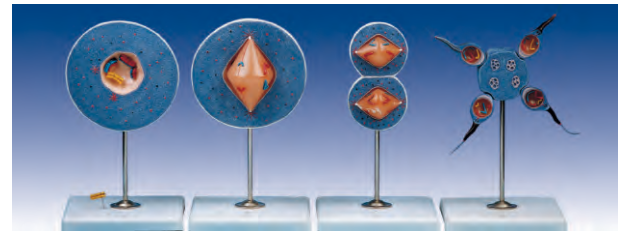
- Dimensions: 11 • 12 • 15 cm, 14 • 13 • 9 cm

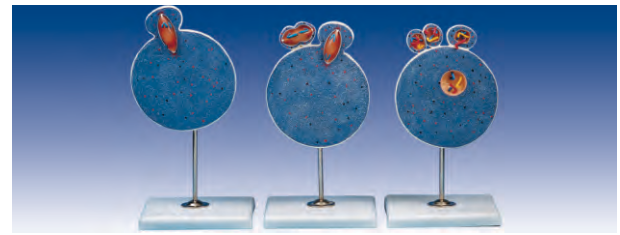
Female Genital Organ

Cat. No: 32004
This model is life size and demonstrates external and internal structures of a female genital organ. The internal organ are divided from pelvis floor and can be detached in two parts by a median section.
The model is on a base and contains 4 pieces.

- Dimensions: 15 • 13 • 14 cm







Mitosis in Plant Cell

Cat. No: 36001
The models are several times larger than natural size and demonstrates mitosis stages in a plant cell by 9 models.
The models are mounted on stands.

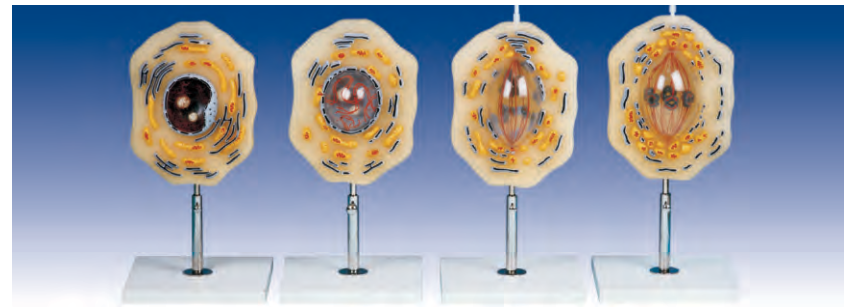
- Dimensions: 10 • 4 • 18 cm

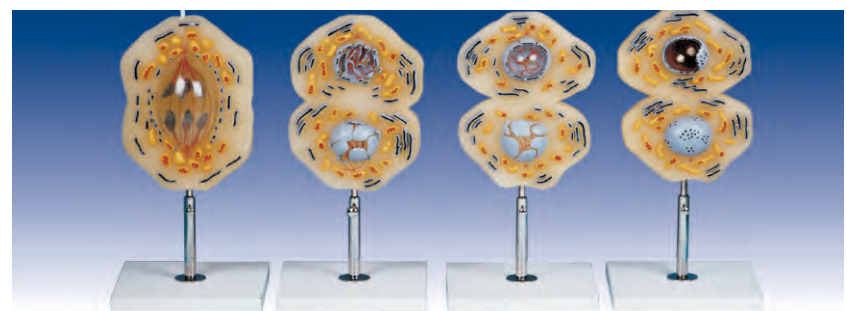
Meiosis

Cat. No: 31001
The model is several times larger than natural size and consists of 10 pieces which are mounted on a base individually. It can be applied for teaching meiosis stages in human cells for producing sperm and ovum.
Moreover, sperm-ovum fertilization, forming zygote and the next cell divisions are shown in three models.

Mitosis in Animal Cell

Cat. No: 35001
These models are several times larger than life size and show mitosis stages in an animal cell in nucleus region and cytoplasm by 8 detached models.
1. late interphase
2. early prophase
3. late prophase
4. metaphase
5. anaphase
6,7. telophase
8. daughter cell in the early interphase.
Each model individually mounted on a stand.





Leaf I

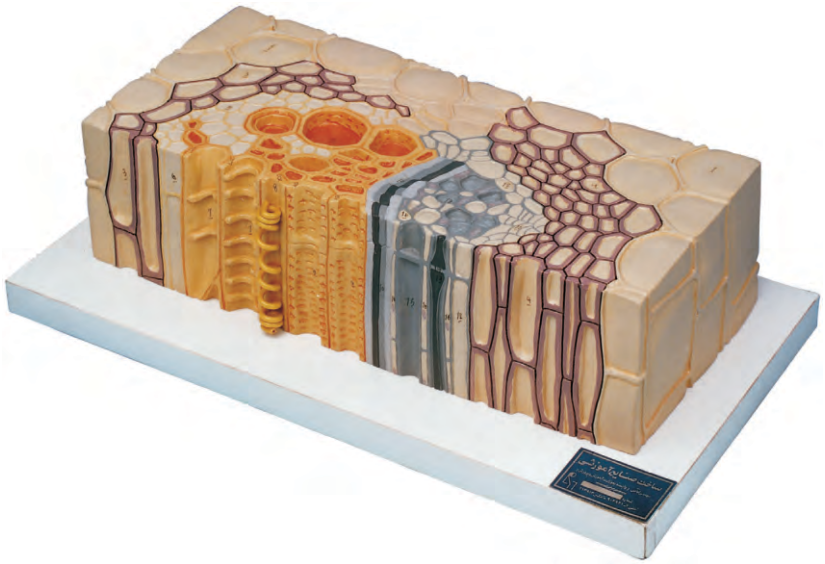
Cat. No: 37001
This model is enlarged several times and demonstrates microscopic structure of a dicotyle leaf with cross and longitudinal sections. Epidermis, cuticule, stomata and substomatal chamber, phloem and xylem are shown in the model.
The model is one piece and on a board.

- Dimensions: 33 • 30 • 12 cm

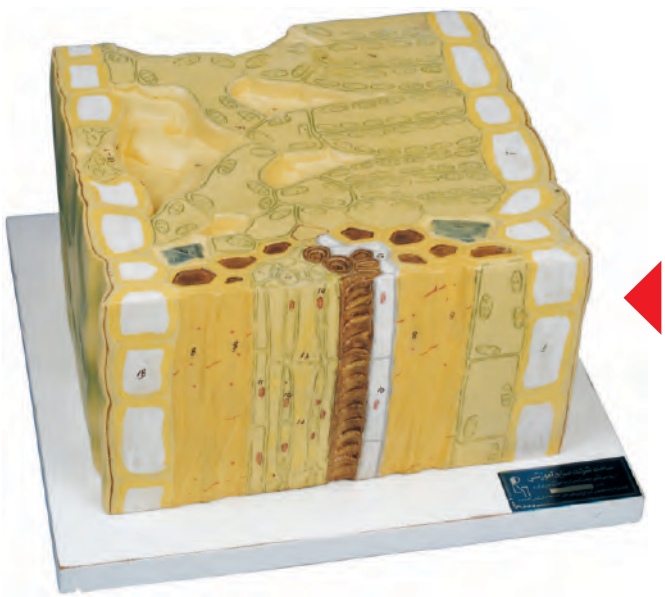
Block Stem

Cat. No: 37002
This model is enlarged several times and shows the microscopic structure of a dicotyle vascular bundle in different plants. The model is one piece and on a board.

- Dimensions: 30 • 17 • 9 cm



Leaf II



Cat. No: 37003
This model is several times larger than natural size and demonstrates the microscopic structure of a dicotyle leaf. Epidermis, cuticule, palisade parenchyma, spongy parenchyma, chloroplasts, oxalate crystals, xylem and phloem cells, stomata, longitudinal section of xylem tissue, sieve tubes, companion cells and cambium.
The model is one piece and on a board.

- Dimensions: 24 • 25 • 14 cm

Stem

Cat. No: 37004
This model is several times larger than natural size and shows the microscopic structure of a dicotyle vascular bundle. Epidermis, parenchyma, vascular bundles, xylem parenchyma, sieve tubes, sieve plates, companion cells, phloem fibre and xylem fibres are demonstrated in cross section. In longitudinal section, vessel configuration, sieve cells and companion cells are shown.
The model is one piece and on a board.

- Dimensions: 28 cm Height: 16 cm

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