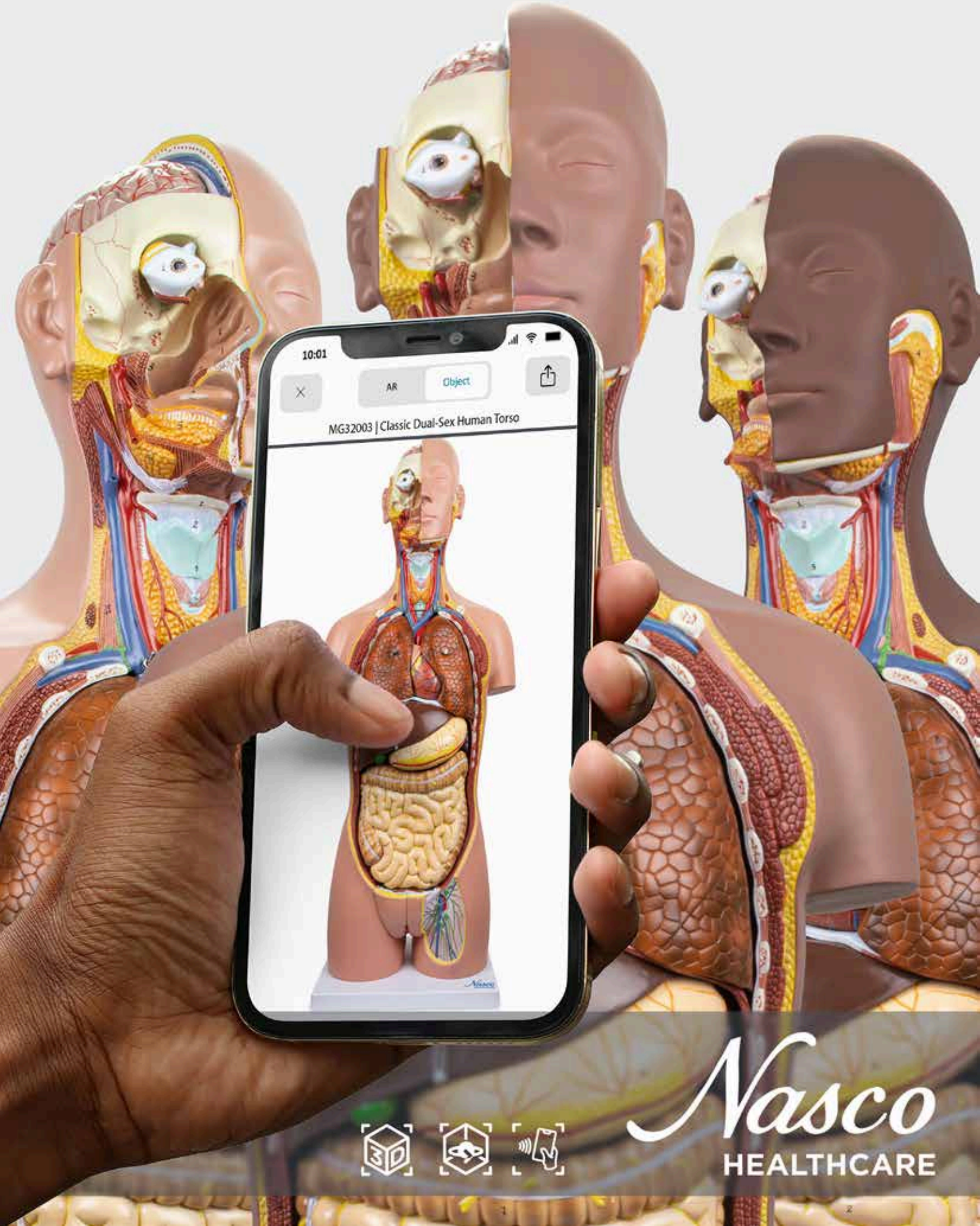
anatomical models



Nasco
HEALTHCARE

4NATOMY TECHNOLOGY

ACTIVE AND IMMERSIVE LEARNING

INTERACTIVE 3D MODELS

Each physical anatomical modelis pairedwith a corresponding 3D digital replica, offering full interactivity for detailed anatomical exploration. Users can rotate, zoom, isolate, and virtually disassemble individual structures to analyze their spatial relationships with precision. Integrated AI-powered explanations support autonomous study by providing contextual information and guided insights into each anatomical region.

AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.

EXCLUSIVE SMART TAG INTERACTION

Access clinical auscultation sounds, extended anatomical data, and interactive features through the 4natomy app, fully integrated with our anatomical models. In addition to simulated heart, lung, and bowel sounds triggered directly from corresponding anatomical regions, users can engage with a virtual monitor to create dynamic scenarios involving blood pressure, pulses, cardiac rhythms, as well as interactive ear and eye examinations. These immersive functionalities enhance realism and provide a comprehensive, hands-on learning experience for clinical training.

Download the 4natomy App

Scan the QR code to explore an interactive learning experience!



Diversity of Skin Tones

Our anatomical models are available in light, medium, and dark skin tones. This diversity more accurately reflects human variation and provides a more inclusive and realistic learning experience.

For models that offer different skin tone options, you'll find small colored circles next to the product name, indicating the available versions. This visual cue makes it quick and easy to identify and select your preferred tone.

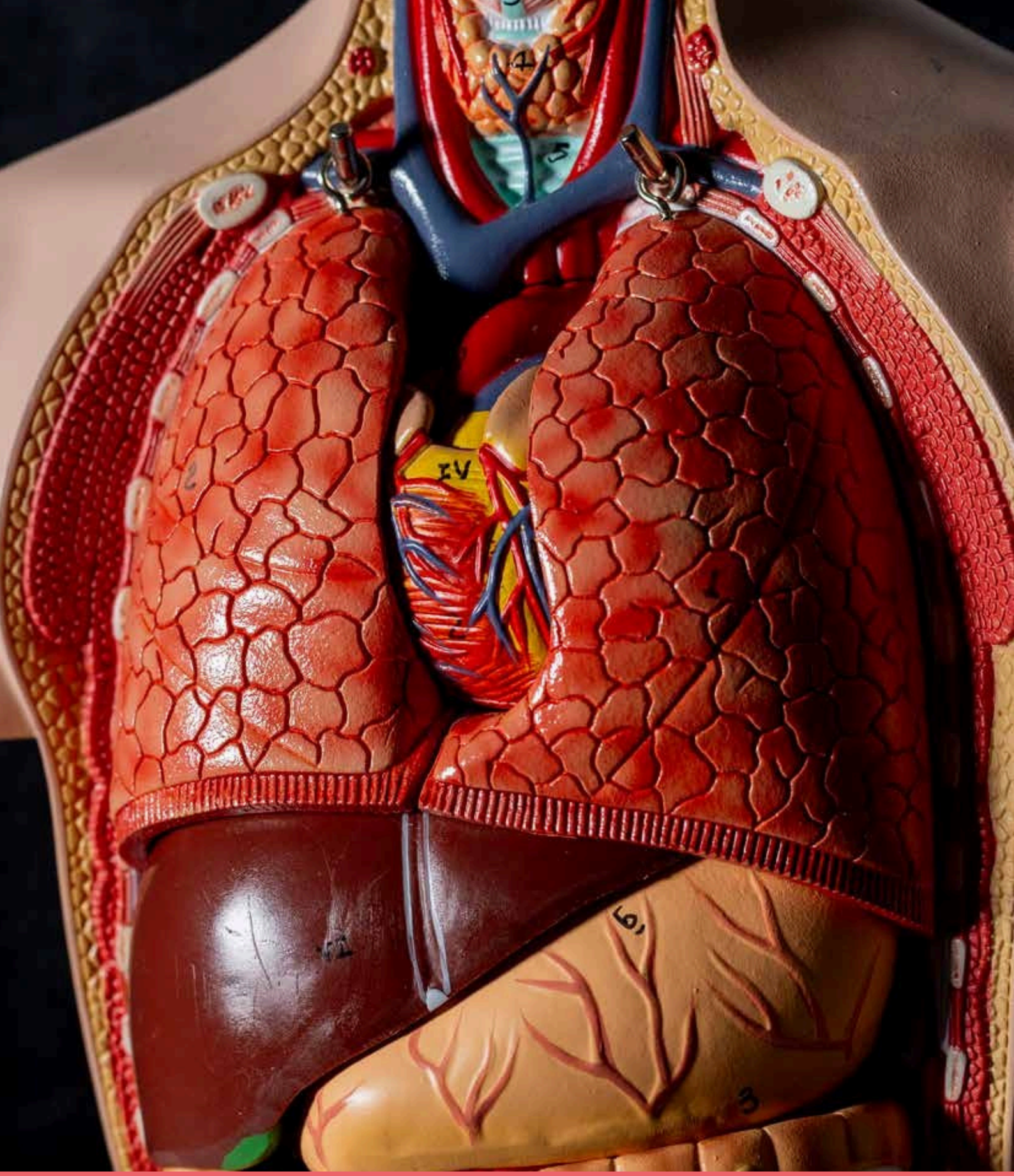
We believe representation matters — and that's why we value diversity in every detail of our products.

- Light
- Medium
- Dark

Model Descriptions

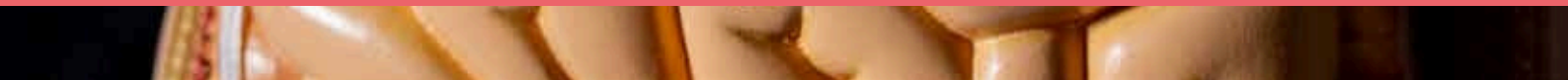
Each model is accompanied by a detailed identification card, printed in English, which lists all anatomical structures featured in the piece. The information is presented clearly and didactically to facilitate effective learning. The card is printed on coated, laminated paper to ensure enhanced durability and longevity in educational settings. Additionally, each card includes a unique QR code that provides direct access to the model's interactive 3D digital version, delivering a comprehensive and immersive learning experience.





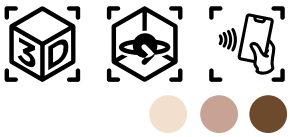
Anatomical Torsos

- Resin approved in toxicological tests
- High quality natural molding
- Made of stable and unbreakable synthetic material
- Original replicas
- Numbered and hand painted Includes information card with related structures



DUAL-SEX MUSCULAR TORSO WITH OPEN NECK & BACK MODEL, 28 PARTS

Technologies available



life-size, body systems are represented and easily accessible. The left side exposes the superficial and deep muscles with vessels and bones.

The open back shows muscular layers as well as the spinal column and associated nerve branch. A thoracic vertebra, including a section of spinal cord, is removable for analysis of its anatomical details.

The head is open and the brain is fully exposed on one side. The neck is dissected to expose muscular, neural, vascular, and glandular structures.

Significant features are numbered and referenced on the (multilingual) information card. The male and female urogenital systems are detachable and interchangeable

Removable structures include:

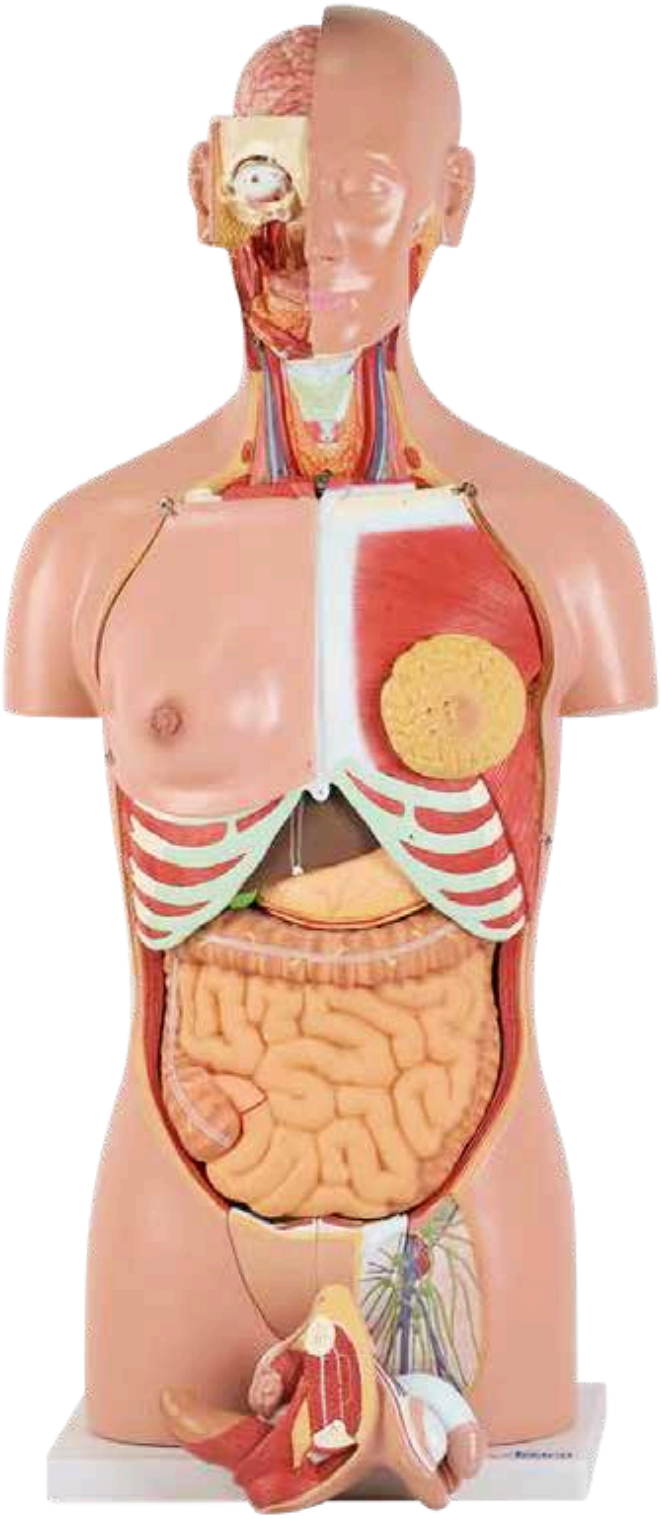
- Eye with optic nerve and extraocular muscles
- Half of the brain, divided along the longitudinal axis fissure, showing internal structures and blood vessels
- Trachea
- Descending thoracic aorta and esophagus
- Right and left lungs (2 pieces each), showing the bronchial tree and vascularization
- Chest and abdominal covering, showing superficial musculature
- Mammary gland
- Liver with gallbladder
- Half of a kidney in section along the frontal plane, showing the internal structure and vessels
- Heart in 2 parts with clear representation of atria, ventricles, valves and the heart wall section
- Stomach dissected into 2 parts
- Pancreas, stomach, duodenum and spleen with vessels and ducts
- Small and large intestines with removable lid over the cecum portion
- Male urogenital (4 parts);
- Female urogenital system (3 parts) including embryo
- Thoracic vertebrae (T12) with spinal cord



SKU: MG32004
Model size: 35 x 16.1 x 9.1 in.
Model weight: 22 lbs.

CLASSIC DUAL-SEX TORSO WITH OPENED NECK & BACK MODEL, 28 PARTS

Technologies available



Full life-size with open back, composed of 28 parts, provides realistic reproduction and detailed anatomical structures. All body systems are represented with full accessibility. Significant structures are numbered and referenced in an explanatory leaflet. This model is a valuable addition to any biology or anatomy course. The open back exposes muscle layers as well as the spinal column and associated nerve branches. A thoracic vertebra, including a section of spinal cord, is removable for analysis of its anatomical details. The head comes open and the brain is completely exposed on one side, the neck is dissected to expose the musculature, neural, vascular and glandular structures. Significant features are numbered and referenced in an explanatory leaflet. The detachable male and female urogenital systems are interchangeable.

Removable structures include:

- Eye with optic nerve and extraocular muscles
- Half of the brain, divided over the longitudinal axis, showing the internal structures and blood vessels
- Trachea
- Descending thoracic aorta and esophagus
- Right and left lungs (2 parts each), showing the bronchial tree and vascularization
- Liver with gallbladder
- Half of a kidney sectioned at the frontal plane, displaying the structure and internal vessels
- Heart in 2 parts with a clear representation of the atria, ventricles and section of the heart wall
- Stomach dissected into 2 parts
- Pancreas, stomach, duodenum and spleen with vessels and ducts
- Small and large intestines with a removable cover on the cecum
- Male and female urogenital systems (4 parts each), medially sectioned, with excellent views of the internal structures
- Thoracic vertebra (T12) with spinal cord. Female thoracic wall



SKU: MG31999
Model size: 35 x 16.1 x 9.1 in.
Model weight: 23.1 lbs.

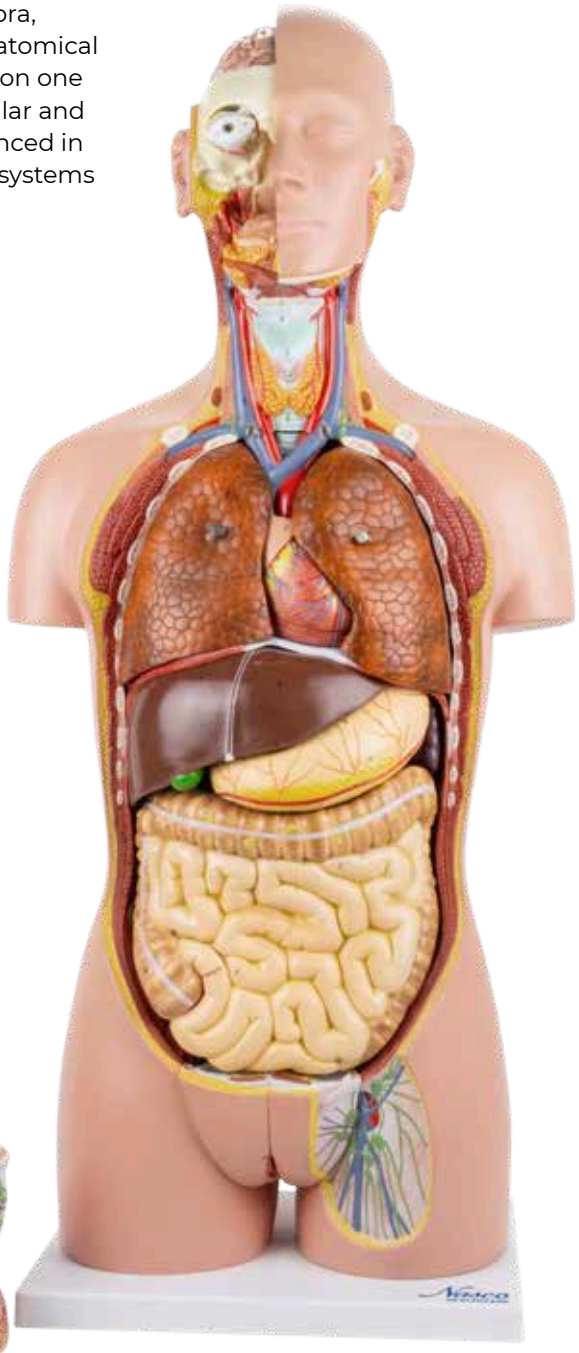
DELUXE DUAL-SEX TORSO WITH OPEN NECK & BACK MODEL, 27 PARTS

Technologies available

Full life-size with open back, composed of 27 parts, provides realistic reproduction and detailed anatomical structures. All body systems are represented with full accessibility. Significant structures are numbered and referenced in an explanatory leaflet. This model is a valuable addition to any biology or anatomy course. The open back exposes muscle layers as well as the spinal column and associated nerve branches. A thoracic vertebra, including a section of spinal cord, is removable for analysis of its anatomical details. The head comes open and the brain is completely exposed on one side, the neck is dissected to expose the musculature, neural, vascular and glandular structures. Significant features are numbered and referenced in an explanatory leaflet. The detachable male and female urogenital systems are interchangeable

Removable structures include the following:

- Eye with optic nerve and extraocular muscles
- Half of the brain, divided along the longitudinal axis showing internal structures and blood vessels
- Trachea
- Descending thoracic aorta and esophagus
- Right and left lungs (2 pieces each), showing the bronchial tree and vascularization
- Liver with gallbladder
- Half of a kidney in section along the frontal plane, showing the internal structure and vessels
- Heart in 2 parts with clear representation of atria, ventricles, valves and the heart wall section
- Stomach dissected into 2 parts
- Pancreas, stomach, duodenum and spleen with vessels and ducts
- Small and large intestines with removable lid over the cecum portion
- Male and female urogenital (4 parts each), sectioned to provide excellent views of internal elements
- Thoracic vertebrae (T12) with spinal cord







SKU: MG32003
Model size: 35 x 16.1 x 9.1 in.
Model weight: 23.1 lbs.

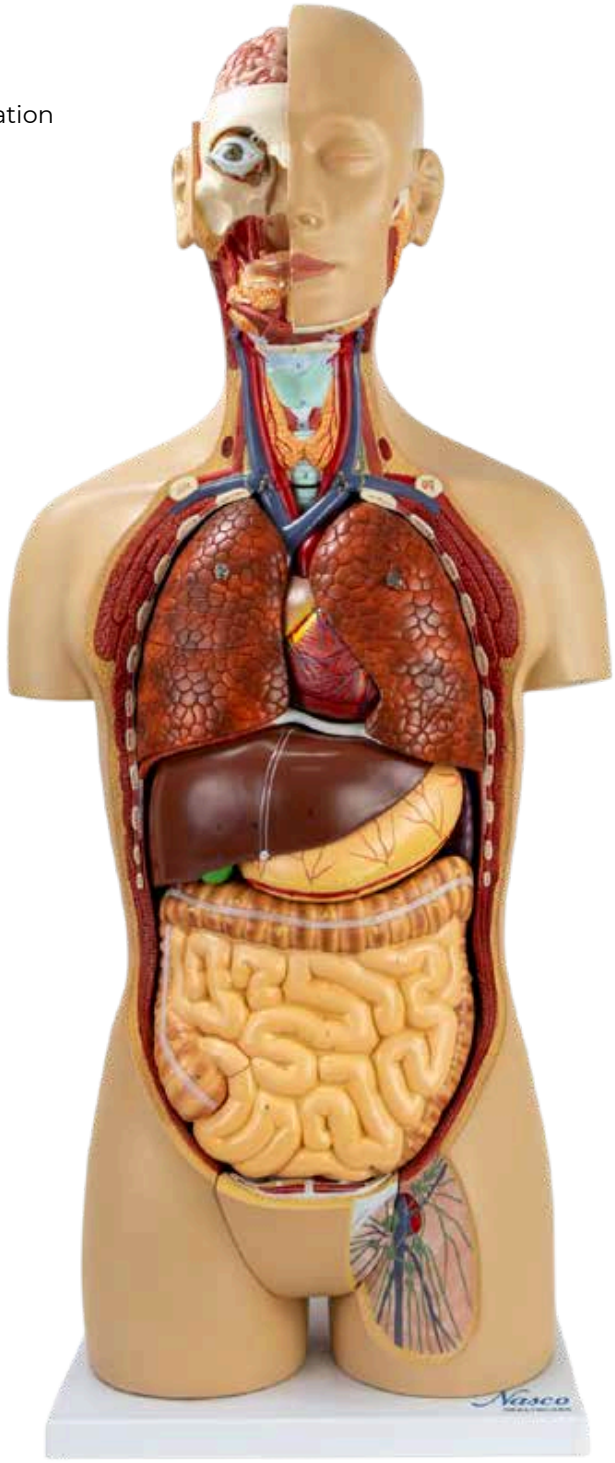
CLASSIC UNISEX TORSO WITH OPENED NECK & BACK MODEL, 18 PARTS

Technologies available

life-size consists of 18 pieces, providing a realistic and detailed reproduction of internal organs.

The head is sectioned to expose one half of the brain. The neck is dissected through the ventral surface to show muscular, glandular, vascular, and neural structures. The chest and abdomen are completely open for a perfect, unrestricted view of the internal organs and associated structures. Anatomical structures of the body's main systems are numbered and identified in an information leaflet that accompanies the product.





Removable Structures include:

- Half of the brain, divided along the longitudinal axis to expose fissures, internal structures and blood vessels
- The eye with optic nerve and extraocular muscles
- The trachea
- The descending thoracic aorta and esophagus
- The right and left lungs (2 pieces each), showing the bronchial tree and vasculature
- The liver with gallbladder
- Half of a kidney, sectioned along the frontal plane to show the internal structure and vessels
- The heart in two parts showing the atria, ventricles, heart valves and cut through the ventricular heart wall
- The stomach
- The pancreas, stomach, duodenum and spleen with vessels and ducts
- The small intestine and large intestine with a removable window in the cecal region
- The removable cover in the crotch area

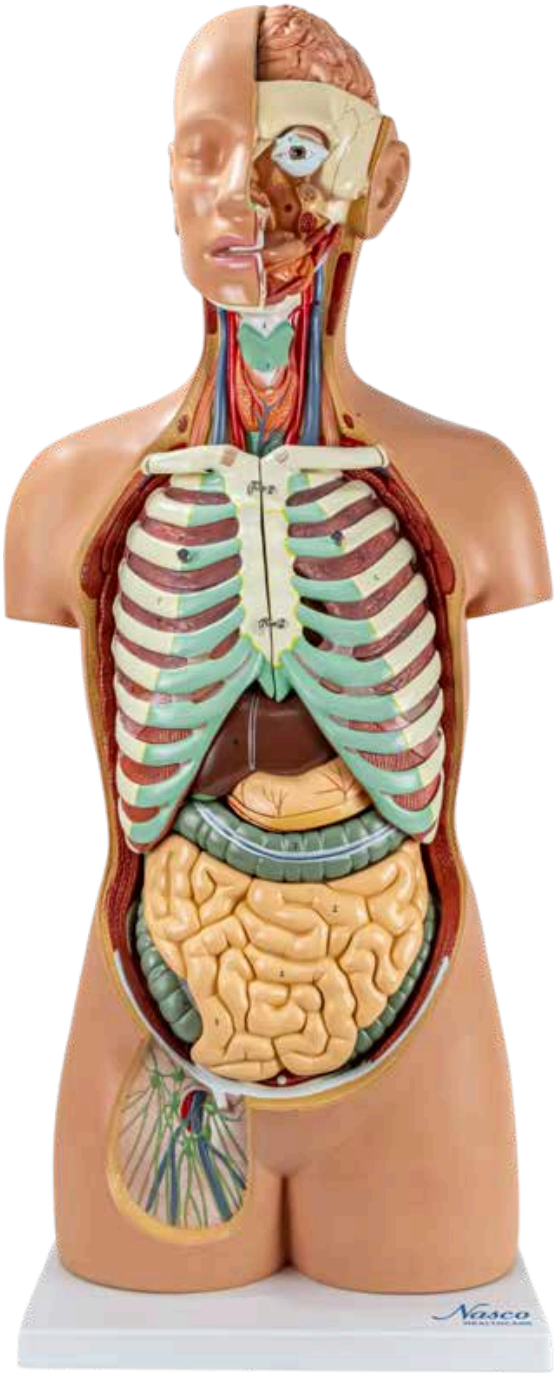
SKU: MG31998
Model size: 35 x 16.1 x 9.1 in.
Model weight: 20.9 lbs.

CLASSIC UNISEX TORSO WITH OPENED NECK & BACK MODEL, 18 PARTS

Technologies available

This highly detailed, life-size unisex anatomical model is composed of 18 removable parts and is ideal for human anatomy classes.

Key anatomical structures from various body systems are numbered and identified on an included reference card, making it easier to study and understand. The head is sectioned to reveal the left half of the brain, while the neck features a ventral dissection that exposes muscles, glands, blood vessels, and nerves. The thoracic and abdominal cavities are fully opened, offering a clear and comprehensive view of the internal organs. The back of the model is also dissected, showcasing the muscular layers of the back, the vertebral column, spinal cord, and nerve roots.





Removable structures include:

- Left half of the brain
- Left cerebellum
- Eye with muscles and optic nerve
- Lung halves with rib cage (2 parts)
- Heart (2 parts)
- Liver
- Stomach (2 parts)
- Small and large intestines with pancreas and appendix (4 parts)
- Right kidney half
- Half of the urinary bladder
- 8th thoracic vertebra (T8)

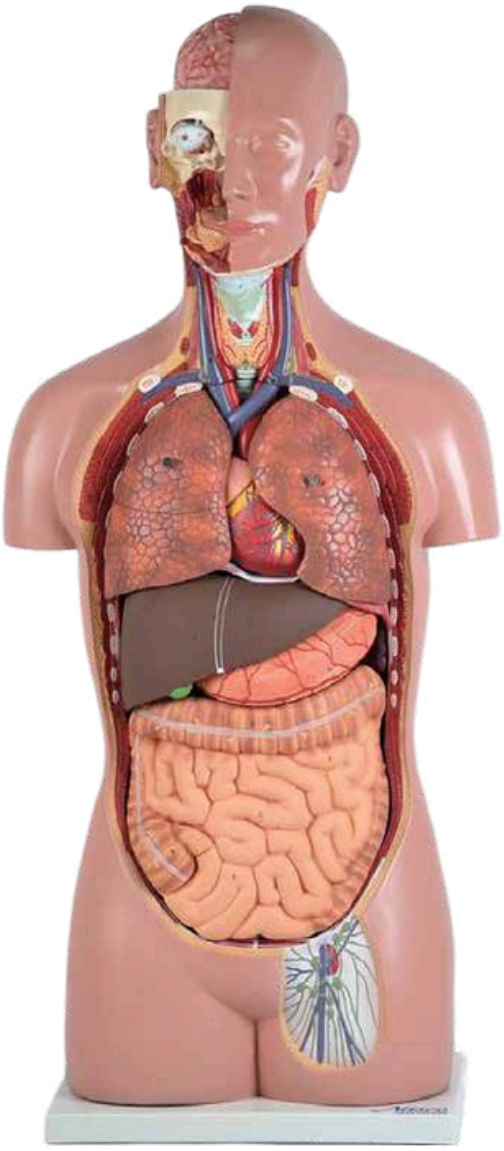
SKU: MG31995
Model size: 35 x 16.1 x 9.1 in.
Model weight: 19.8 lbs.

CLASSIC UNISEX TORSO MODEL, 16 PARTS

Life-sized, it consists of 16 pieces and is suitable for any human anatomy course. All major systems and organs are represented with great attention to detail and precision.

The head comes open, exposing half of the brain. The neck is dissected to expose muscular, neural, vascular, and glandular structures. The chest and abdomen are open providing a panoramic view of the internal organs and structures.

Technologies available





SKU: MG31997
Model size: 35 x 16.1 x 9.1 in.
Model weight: 22 lbs.

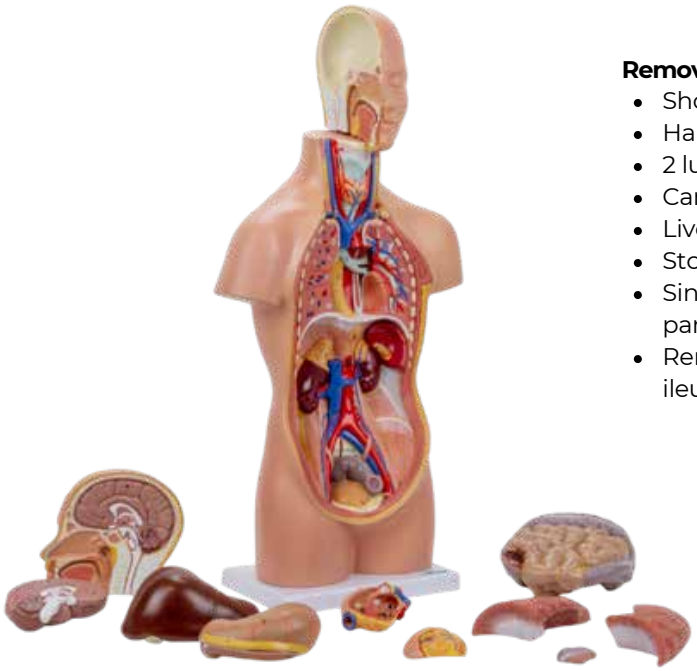
Removable structures include:

- Half of the brain, divided along the longitudinal axis to expose fissures, internal structures and blood vessels
- The eye with optic nerve and extraocular muscles
- The trachea
- The descending thoracic aorta and esophagus
- The right and left lungs (2 pieces each), showing the bronchial tree and vasculature
- The liver with gallbladder
- Half of a kidney, sectioned along the frontal plane to show the internal structure and vessels
- The heart in two parts showing the atria, ventricles, heart valves and cut through the ventricular heart wall
- The stomach
- The pancreas, stomach, duodenum and spleen with vessels and ducts
- The small intestine and large intestine with a removable window in the cecal region

MINI UNISEX TORSO MODEL, 12 PARTS

A half-life-size torso with a removable head that opens to reveal internal structures, including a detailed removable half-brain. The front portions of both lungs are removable, exposing pulmonary vasculature and airways (right lung) and general appearance of the internal tissue (left lung). It is an excellent tool in basic anatomy education, consisting of 12 parts:

Technologies available



Removable structures include:

- Shows a section of the brain and upper respiratory tract
- Half of the brain, showing internal structures
- 2 lungs
- Cardiac (2 parts) showing the atria, ventricles and valves
- Liver with gallbladder
- Stomach
- Single piece including small intestine, large intestine and pancreas
- Removable lid that exposes the interior of the cecum and ileum

SKU: MG29696
Model size: 7.9 x 5.9 x 18.3 in.
Model weight: 4.9 lbs.

MINI DUAL-SEX TORSO MODEL, 16 PARTS

This half-life-size torso model is available in three facial variations to reflect anatomical diversity: one with distinctly Asian features, one with Caucasian features, and another with African features. Each model accurately presents realistic anatomical structures, making it an excellent tool for teaching basic anatomy.

Technologies available



Removable structures include::

- Head, divided into 2 parts, which shows a section of the brain and the upper respiratory tract
- Half of the brain, showing internal structures
- 2 lungs
- Heart in 2 parts showing the atria, ventricles and valves
- Liver with gallbladder
- Stomach
- Single piece including small intestine, large intestine and pancreas
- Removable covering that exposes the interior of the cecum
- Male reproductive organs in 2 parts
- Female reproductive organs in 2 parts

SKU: MG29699 Asian
SKU: MG29697 Caucasian
SKU: MG29698 African

Model size: 7.9 x 5.9 x 18.3 in.
Model weight: 4.9 lbs.

MRI TORSO WITH 24 TRANSVERSAL SECTIONS

Technologies available

Life-size torso model, cut horizontally into 24 pieces, showing how a CT and MRI scan works. Each part can be rotated and removed for closer and more accurate examination. All structures, including muscles, nerves, are numbered and identified on an information card. Images serve as a basis for the radiologist to diagnose diseases. It is based on the signals reflected in the image and the pathology, pathophysiology and clinical symptoms of the disease. A great tool to aid research and study.





SKU: MG32002
Model size: 35.4 x 19.7 x 15.8 in.
Model weight: 26.5 lbs.



CROSS SECTION OF THE ABDOMEN

Technologies available

A life-size representation of an axial cross-section view of the abdomen, at the level of the stomach and T12 vertebra, showing the liver, kidney, spleen, and other abdominal structures sectioned horizontally.

SKU: MG31112
Model size: 13 x 9.1 x 2.4 in.
Model weight: 3.3 lbs.



CROSS SECTION OF THE THORAX

Technologies available

A life-size representation of a cross-section of the thorax at the level of vertebra T8, displaying details of the heart, lungs, blood vessels, and other important thoracic structures. The model is mounted on a polymer base and features hand-numbered and painted structures for easy identification.

SKU: MG31113
Model size: 15.8 x 10.2 x 3.9 in.
Model weight: 3.3 lbs.

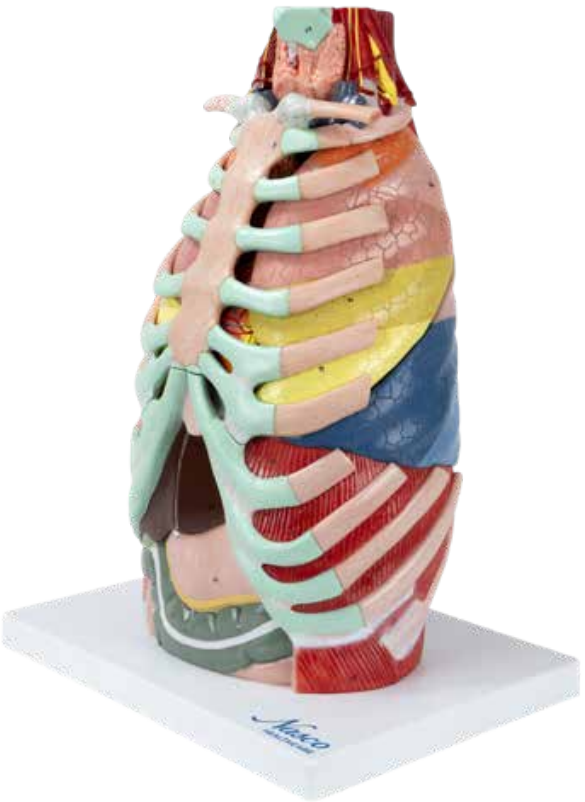
THORACIC CAVITY MODEL, 16 PARTS

Technologies available

A life-size model, disassembled into 16 parts, has a numbered structure in 110 specific regions, has 16 parts, including removable lungs, right lung in 3 parts, left lung in 2 parts, heart, cardiac atria into 6 parts, Larynx, Trachea, Thyroid, Sternum and Ribs. The model also includes non-removable but incredibly detailed representations of the Spine, Deep Spinal Muscles, Spinal Discs, Liver, Stomach and Large Intestine

SKU: MG36904
Model size: 16.9 x 9.8 x 7.9 in.
Model weight: 8.8 lbs.



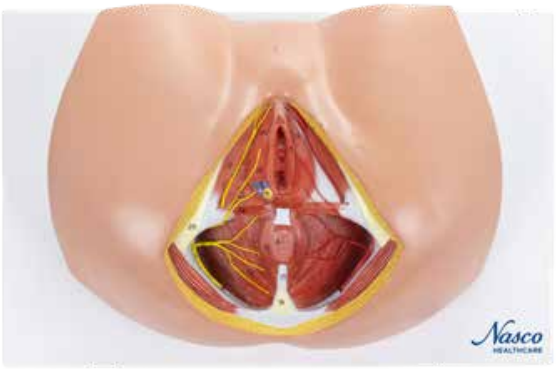


FEMALE PERINEUM MODEL

Technologies available

SKU: MG30414
Model size: 13 x 9.1 x 3.9 in.
Model weight: 2.6 lbs.

A life-size model that demonstrates in detail the female perineal area, including the anus and external genitalia. It presents an accurate representation of the pelvic diaphragm, urogenital perineum, and anal perineum, including the distribution of blood vessels and nerve endings.

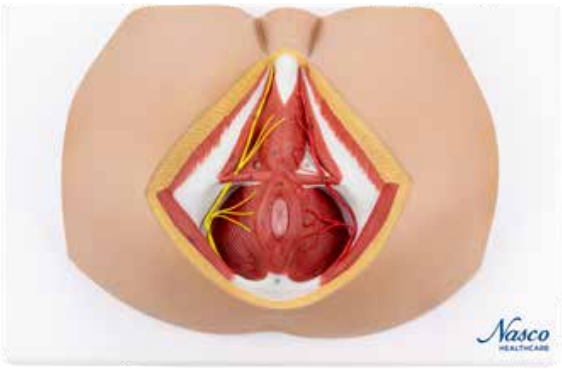


MALE PERINEUM MODEL

Technologies available

SKU: MG30415
Model size: 13 x 9.1 x 3.9 in.
Model weight: 2.6 lbs.

A life-size model showing the male perineum area, including the anus and external genitals. The pelvic diaphragm, urogenital perineum and anal perineum are well represented, including the distribution of blood vessels and nerve endings.





NASOGASTRIC TUBE TORSO MODEL

Deluxe 3-dimensional hand-painted torso model with 2 sides. One side is covered with a transparent cover, shows the sagittal section including the nose, mouth, pharynx, trachea, esophagus, lungs and stomach. The other side depicts the anatomically correct view of a human torso for teaching the appropriate method of measuring NG tube length. The torso also features a tracheostomy to demonstrate the variety of techniques and care.

Technologies available

Realistic Practice of Procedures:

- NG tube insertion
- Irrigation, monitoring and removal
- Gastric lavage and gavage
- Tracheostomy and Suction Care

(NG and Trach tube not included)

SKU: MG32013
Model size: 13 x 9.1 x 28.7 in.
Model weight: 9.9 lbs.

