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.





- 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

Skull

and vertebral column

CLASSIC SKULL MODEL

Technologies available

A life-size model that reproduces the human skull in its structural details. The skullcap is removable to show internal details. The jaw is articulated and removable. All joints, sutures, fissures, foramina and processes are portrayed with greater precision. Significant structures are numbered.



SKU: MG22299
Model size: 7.1 x 6.7 x 8.3 in.
Model weight: 2.2 lbs.

CLASSIC SKULL MODEL, NUMBERED, 3-PARTS

Technologies available

Classic skull with numbered structures in 3 parts is a life-size anatomical model that reproduces the bone structure of the human skull, with internal details visible through the removable skullcap. The mandible is articulated and removable, ever. displaying an impacted upper right third molar. All joints, sutures, fissures, foramina, and processes are represented with high precision and numberec easy identification.



SKU: MG22295
Model size: 7.1 x 3.2 x 4.1 in.
Model weight: 4.4 lbs.

CLASSIC PAINTED SKULL MODEL, 3 PARTS

Technologies available

SKU: MG22298
Model size: 7.7 x 6.1 x 8.3 in.
Model weight: 2.2 lbs.

Three-part, colored anatomical model of a human skull accurately representing bone structures and muscle origin and insertion (left side). The skull is dismountable into cranial cap, skull base, and mandible, facilitating the individual study of each component. Major anatomical structures are numbered and hand-painted for better visualization and learning.





SKULL WITH BLOOD VESSELS MODEL, 3 PARTS

SKU: MG22303
Model size: 7.7 x 6.7 x 8.5 in.
Model weight: 2.2 lbs.

Technologies available

A life-size anatomical model that accurately reproduces the structural details of the human skull, including meningeal vascularization and venous sinuses. The skullcap is removable, allowing for internal visualization, and the mandible is articulated and removable. All joints, sutures, fissures, foramina, and processes are represented with high fidelity. The model is numbered and hand-painted, facilitating learning.

DIDACTIC COLORED SKULL MODEL

Technologies available

SKU: MG22307
Model size: 7.7 x 6.7 x 8.5 in.
Model weight: 2.2 lbs.

A life-size anatomical model that reproduces in detail the bony structure of the human skull, using didactic colors to facilitate the identification of different structures. The skullcap is removable, allowing visualization of the interior of the skull, and the mandible is articulated and removable. All joints, sutures, fissures, foramina, and processes are represented with high fidelity.



ANATOMICAL SKULL MODEL, 22-PARTS

Technologies available

SKU: MG7389
Model size: 9.1 x 7.5 x 5.9 in.
Model weight: 4.4 lbs



Model of an adult skull can be disassembled into 22 simple parts. During the development of this model, one of the main objectives was to make the model easy to assemble and disassemble. The detailed bones don't need complicated pins to be held in holes, they almost move into position, guided by realistic bone sutures and held by strong magnets.

MINI CLASSIC SKULL MODEL, 15 PARTS

Technologies available

SKU: MG7386
Model size: 5.3 x 3.2 x 4.1 in.
Model weight: 1.1 lbs

A half-size anatomical model, divided into 15 parts and has a movable jaw. The parts: frontal bone, nasal bone, zygomatic bone, zygomatic arch, maxilla, mandible, temporal, parietal, occipital, lacrimal, vomer, sphenoid. Ideal for anatomical study, training for surgical dissection, demonstration classrooms, patient education and demonstration of procedures, in addition to the possibility of being used as a decorative item.

DIDACTIC SKULL MODEL, 22 PARTS

Technologies available

SKU: MG7390
Model size: 9.1 x 7.5 x 5.9 in.
Model weight: 4.4 lbs





This didactic version of the articulated skull model features 22 individual parts, allowing for a detailed study of the cranial bone structure. The sutures of each bone are represented, and the use of pins facilitates assembly. The different colored paint on each bone contributes to understanding the position and relationship between the structures.

MINI DIDACTIC SKULL MODEL, 15 PARTS

Technologies available



Colorful skull model, half the real size, divided into 15 parts and has a movable jaw. For better identification and learning, the parts represented by colors are: Frontal bone, nasal bone, zygomatic bone, zygomatic arch, maxilla, mandible, temporal, parietal, occipital, lacrimal, vomer, sphenoid. Ideal for anatomical study, training for surgical dissection, demonstration classrooms, patient education and demonstration of procedures, in addition to the possibility of being used as a beautiful decorative item.

SKU: MG7394
Model size: 5.3 x 3.2 x 4.1 in.
Model weight: 1.1 lbs.



FETAL SKULL MODEL MOUNTED ON STAND, 30TH WEEK

Technologies available



A life-size anatomical model representing a human fetal skull at 30 weeks of gestation, mounted on a polymer base with a metal support and rod. It features precise details of the main cranial bone structures, ideal for study and demonstration.

SKU: MG22302
Model size: 4.3 x 4.3 x 7.9 in.
Model weight: 1.1 lbs.

SKULL WITH BRAIN MODEL, 11-PARTS

Technologies available



A life-size human skull with a dismountable brain in 11 parts, exhibiting highly precise structural details. The skullcap is removable, allowing for detailed visualization of the internal and cerebral structures. The mandible is articulated and removable, facilitating the study of craniofacial joints. All sutures, fissures, foramina, and processes are faithfully represented. Significant brain structures are numbered for easy identification.

SKU: MG22292
Model size: 7.9 x 5.3 x 6.1 in.
Model weight: 2.2 lbs.

SKULL WITH REMOVABLE FACIAL MUSCLES MODEL

Technologies available

A detailed, life-size anatomical model with a removable skullcap secured by magnets and small pins, allowing easy access to the interior. It features realistic bone texture and 40 removable, numbered, and hand-painted facial muscles for in-depth study of facial expression and mastication musculature. The model includes permanent teeth and wisdom teeth, as well as detailed texture of the palatine bones.



SKU: MG22294
Model size: 7.9 x 7.1 x 5.1 in.
Model weight: 4.4 lbs

CLASSIC SKULL WITH MASTICATORY MUSCLES AND NERVES MODEL, 5 PARTS

Technologies available



This skull model, divided into five parts, was specially designed to demonstrate the function of the muscles and nerves responsible for chewing. The anatomy of the nerves, arteries, veins and muscles in the deep maxillofacial region can be seen in detail. The brain and eyeball are removable for closer analysis.

SKU: MG22311
Model size: 11.8 x 11.8 x 9.8 in.
Model weight: 4.4 lbs.

MICRO-ANATOMY OF CRANIAL LAYERS MODEL, ENLARGED

Technologies available

Enlarged anatomical model of the microanatomy of the cranial layers, exhibiting in detail the stratification of the human skull for the study of neuroanatomy. It presents several internal structures with manual numbering and painting.



SKU: MG29521
Model size: 15.8 x 10.2 x 5.3 in.
Model weight: 4.4 lbs.

DIDACTIC SKULL MOUNTED ON CERVICAL SPINE MODEL

Technologies available



This high-quality life-size model represents the different bony regions of the skull with the help of didactic colors, mounted on the cervical spine, the model also represents the hindbrain, the spinal cord of the cervical spine, the vertebral arteries, the basilar artery and the posterior cerebral arteries.

SKU: MG22309
Model size: 9.1 x 6.1 x 13 in.
Model weight: 4.4 lbs.



CLASSIC SKULL MOUNTED ON CERVICAL SPINE MODEL, 4-PARTS

Technologies available





An anatomically accurate life-size model representing the human skull, articulated with a flexible cervical spine. This model details the bony structures of the skull, cervical spinal cord, vertebral arteries, basilar artery, and posterior cerebral arteries.

SKU: MG7387
Model size: 9.1 x 6.1 x 13 in.
Model weight: 2.2 lbs.

DIDACTIC SKULL WITH MUSCLE INSERTION MODEL

Technologies available



SKU: MG22306
Model size: 7.1 x 7.5 x 4.7 in.
Model weight: 1.1 lbs.

An anatomically accurate life-size model of the human skull with cervical spine. The skullcap is removable to show internal details; the jaw is articulated and removable. All the most important anatomical structures are numbered; The left side of the skull shows the origin points (red) and insertion points (blue) of the muscles. The right side of the piece shows the structures in didactic colors, the bones are represented in different colors.





SPINAL COLUMN MODEL

36
.3 x 4.3 x 8.7 in.
t: 1.1 lbs.

Technologies available



ife-size model of the cervical pine consisting of seven cervical ertebrae with intervertebral liscs, occipital bone plate, ervical nerves, vertebral arteries, pinal cord and brain stem.



HYOID BONE MODEL

Detailed life-size reproduction showing the human hyoid bone.

Technologies available



SKU: MG29977
Model size: 2.8 x 2.4 x 3.4 in.
Model weight: 1.1 lbs.

ATLAS AND AXIS WITH OCCIPITAL PLATE MODEL

Technologies available



SKU: MG20268
Model size: 4.7 x 4.7 x 7.9 in.
Model weight: 1.1 lbs.

A life-size model, it is a detailed reproduction in life-size of the atlas vertebrae, axis and the occipital bone, this model shows the action of the rotation of the head and the articulation with the skull.



DELUXE CERVICAL VERTEBRAL COLUMN MODEL

Technologies available



A life-size model that includes the brainstem and occipital bone, as well as the atlas and axis to C7, with muscles, representation of a herniated disc, and vertebrae T1, T2, and T3. It also features the cerebellum and the complete nerve with brachial plexus on the right side, including the first and second right ribs with cartilage.



SKU: MG34918
Model size: 5.5 x 6.5 x 10 in.
Model weight: 1.1 lbs

LUMBAR SPINE MODEL

Technologies available





A life-size model with five lumbar vertebrae and intervertebral discs, lumbar nerves and spinal cord. The crest of the sacrum and coccyx are removable to display the sacral segment of the spinal cord and associated nerve branches. The model also a prolapsed invertebral disc.

SKU: MG21887
Model size: 4.3 x 4.3 x 14.6 in.
Model weight: 2.2 lbs.

THORACIC SPINE MODEL

Technologies available



SKU: MG21888
Model size: 4.3 x 4.3 x 13.4 in.
Model weight: 1.1 lbs.



A life-size anatomical model of the thoracic spine accurately depicts the anatomy of the thoracic region of the vertebral column, including 12 thoracic vertebrae and intervertebral discs, in addition to the thoracic spinal nerves.

CLASSIC FLEXIBLE SPINE WITH RIBS MODEL

Technologies available





A fully flexible life-size human skeleton model with the following characteristics: complete pelvis, including the ischium, ilium and pubis, sacrum, coccyx and symphysis, complete vertebral column with ribs, ribs and sternum structure associated with the occipital plate, clavicle and scapula. Model assembled with metal rod and support.

SKU: MG21854
Model size: 9.7 x 7.1 x 35.4 in.
Model weight: 7.7 lbs.



CORD MODEL

Technologies available



The model demonstrates the brain stem, spinal cord and nerve branches to the coccygeal plexus on a life-size scale. Shows the structure of the brain and the cranial nerves, spinal nerves in the spinal canal. The sympathetic trunk is on the left side, with its connections to the central nervous system shown. There are a total of 31 pairs of spinal nerves. Nerves connected to the spinal cord are distributed in the muscles of the trunk, ventral side and limbs, and are responsible for sensation and movement below the neck. Its contents include the spine, spinal cord, spinal nerve root capsule, blood vessels, and a small amount of connective tissue.

SKU: MG13442
Model size: 35.4 x 12.6 x 5.5 in.
Model weight: 1.1 lbs.

CLASSIC FLEXIBLE SPINE MODEL

Technologies available



SKU: MG21855
Model size: 9.7 x 7.1 x 35.4 in.
Model weight: 6.6 lbs.

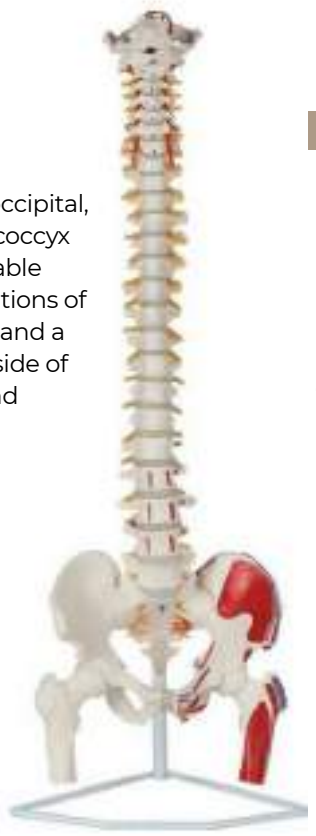
A life-size replica of the vertebral column, including the occipital bone, cervical, thoracic, and lumbar regions, sacrum, coccyx, and complete pelvis, with detailed representation of structures such as vertebral arteries and nerve branches, in addition to a prolapsed intervertebral disc (L3-L4).

CLASSIC FLEXIBLE SPINE MODEI FEMUR HEADS & PAINTED MUSC

Technologies available

A fully flexible life-size model including the occipital, cervical, thoracic and lumbar plate, sacrum coccyx and pelvis complete with symphysis, removable femur heads. The model also has representations of the vertebral arteries, spinal nerve branches and a prolapsed L3-L4 intervertebral disc. The left side of the skeleton shows the origin points (red) and insertion points (blue) of the muscles.

SKU: MG21856
Model size: 9.7 x 7.1 x 35.4 in.
Model weight: 6.6 lbs.



CLASSIC FLEXIBLE SPINE WITH FEMUR HEADS MODEL

Technologies available

This anatomical model represents a complete and flexible human vertebral column, including a male pelvis, removable femoral heads, and prolapsed discs. It offers an accurate representation of the main bony and nervous structures, ideal for studying the anatomy, move- ment, and structure of the spine.

SKU: MG21853
Model size: 9.7 x 7.1 x 35.4 in.
Model weight: 6.6 lbs.



FLEXIBLE SPINE MODEL WITH REMOVABLE SACRUM AND COCCYX

Technologies available



A fully flexible life-size model including the complete occipital, cervical, thoracic and lumbar plate, sacrum, coccyx and pelvis. Features include depictions of the vertebral arteries, spinal nerve branches, and a prolapsed L3-L4 intervertebral disc. The sacral crest and coccyx are removable to reveal the sacral part of the spinal cord.

SKU: MG21857
Model size: 9.7 x 7.1 x 31.5 in.
Model weight: 6.6 lbs.

FLEXIBLE SPINE MODEL WITH FEMUR HEADS & SACRAL OPENING

Technologies available

Fully flexible life-size model including complete occipital, cervical, thoracic and lumbar plate, sacral coccyx and pelvis. Features include representations of the vertebral arteries, spinal nerve branches, and a prolapsed intervertebral disc of the L3-L4 vertebrae

SKU: MG21855
Model size: 9.7 x 7.1 x 35.4 in.
Model weight: 6.6 lbs.



FLEXIBLE SPINAL COLUMN MODEL PAINTED WITH FEMUR HEAD

MG21858
el size: 9.7 x 7.1 x 35.4 in.
el weight: 6.6 lbs.

Technologies available

A fully flexible life-size model with occipital, cervical, thoracic and lumbar plates, sacrum, coccyx, pelvis complete with symphysis, and removable femoral heads. The model also has representations of the vertebral arteries, spinal nerve branches and L3-L4 intervertebral disc prolapse. The left side of the skeleton shows the origin points (red) and insertion points (blue) of the muscles. The crest of the sacrum and coccyx are removable to show the sacral section of the spinal cord and associated nerve branches.



DIDACTIC FLEXIBLE SPINE MODEL

Technologies available

Fully flexible life-size model including complete occipital, cervical, thoracic and lumbar plate, sacral coccyx and pelvis. Included are vertebral arteries, spinal nerves, and a prolapsed L3-L4 intervertebral disc. The different regions of the spine are color-coded for easy identification. Made from long-lasting synthetic material and hand-assembled in detail, it is long-lasting.

SKU: MG21884
Model size: 9.7 x 7.1 x 35.4 in.
Model weight: 6.6 lbs.



DIDACTIC FLEXIBLE SPINE MODEL WITH FEMUR HEADS

Technologies available

SKU: MG35590
Model size: 9.7 x 7.1 x 35.4 in.
Model weight: 2.2 lbs

A life-size anatomical model representing the complete vertebral column, including occipital plate, cervical, thoracic and lumbar regions, sacrum, coccyx and pelvis. It features verte- bral arteries, spinal nerves and an L3-L4 intervertebral disc with prolapse (herniated disc). Vertebral regions are color-coded for easy identification.



