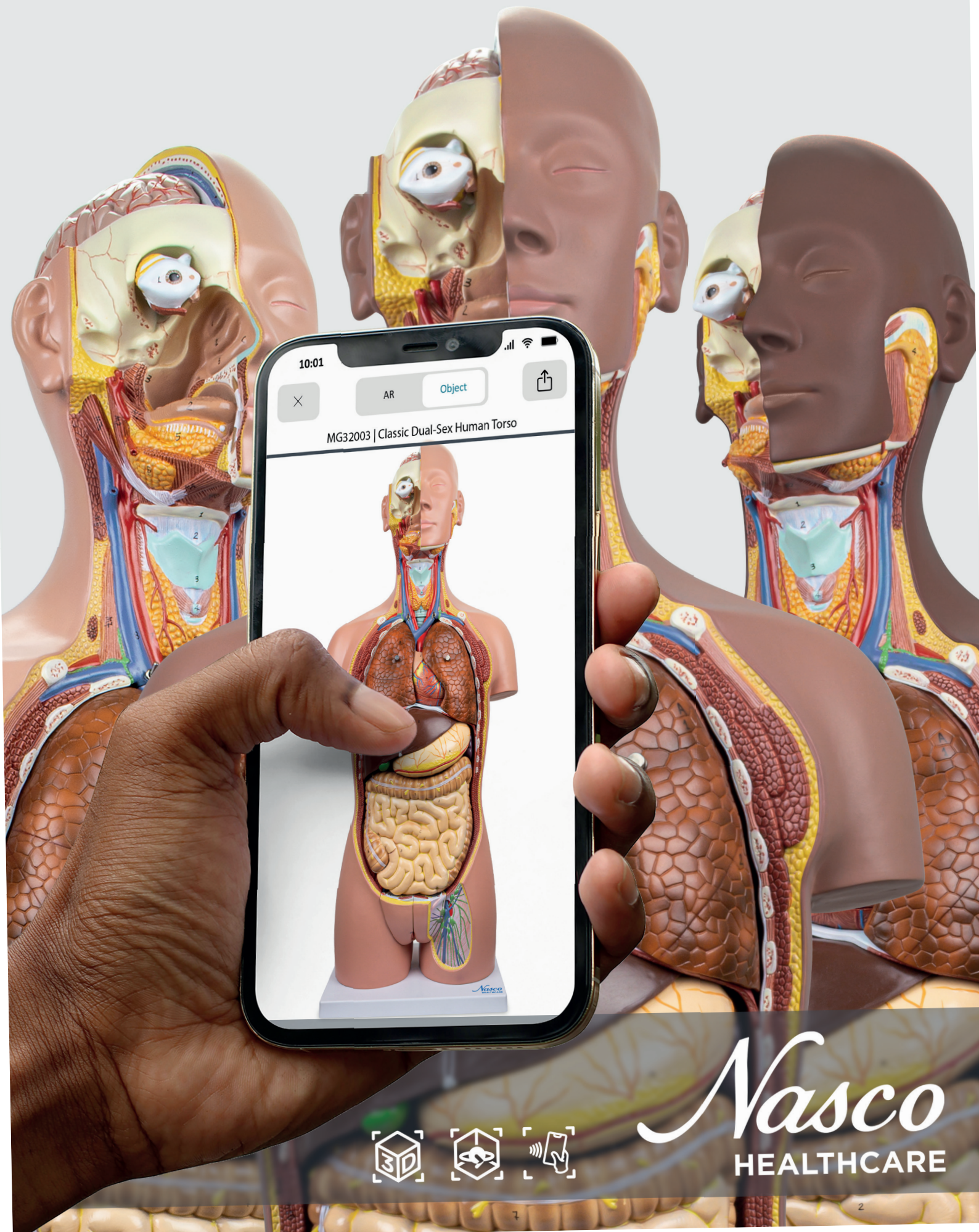


# ■ anatomical models



*Nasco*  
HEALTHCARE

# Be READY

Nasco Healthcare started from humble beginnings in 1941 with a single product. Today, we have **the largest range of medical simulation products in the world**, but our original mission remains true.

That mission is to prepare frontline healthcare workers, military medics and emergency/rescue personnel to **Be READY**. Ready to deliver optimal patient outcomes and save lives whenever and wherever they are called. Our vision is to create a world with better patient outcomes and fewer lives lost.

We want to do our part to ensure that our everyday heroes have the proper training to be at their best the moment they're called upon. This means offering manikins that realistically simulate clinical, emergency/rescue, and trauma scenarios. Whether it's neonatal care, CPR training, or a fireman drag, our products prepare our heroes for critical, in-the-moment decisions.

We're proud to stand behind products that are designed in the USA to ISO9001 and backed by an up to 5-year warranty.

We invite you to explore our catalog that's full of advanced simulation, emergency, rescue and nursing training solutions. We are committed to bringing you innovative products across all fidelity levels.

Nasco Healthcare wants to be your partner so you can **Be READY**.

Sincerely,

**The Nasco Healthcare Team**



# 4NATOMY TECHNOLOGY

## ACTIVE AND IMMERSIVE LEARNING



### INTERACTIVE 3D MODELS

Each physical anatomical model is paired with 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.

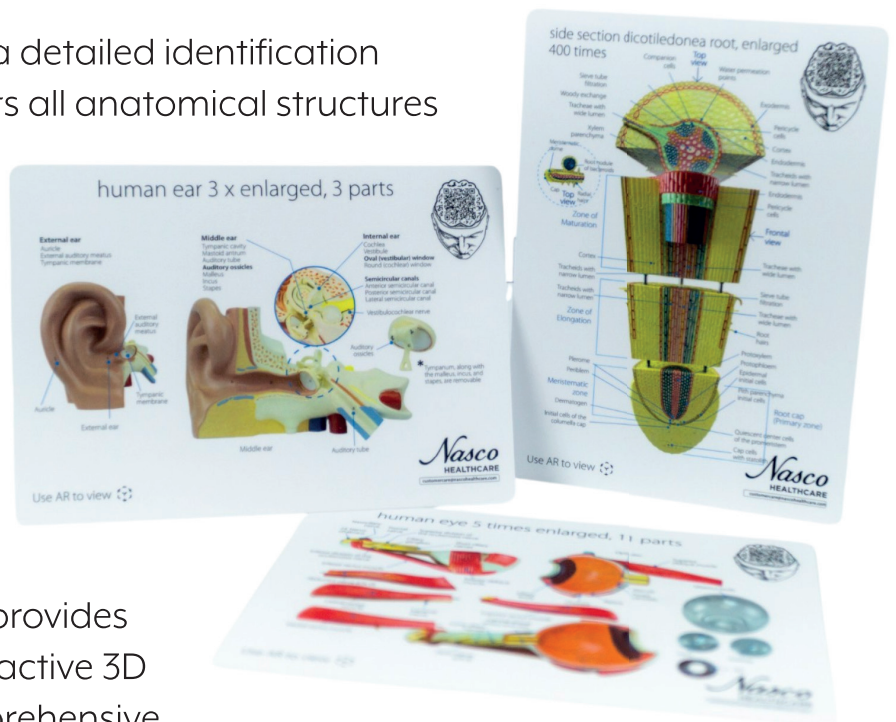
● Light

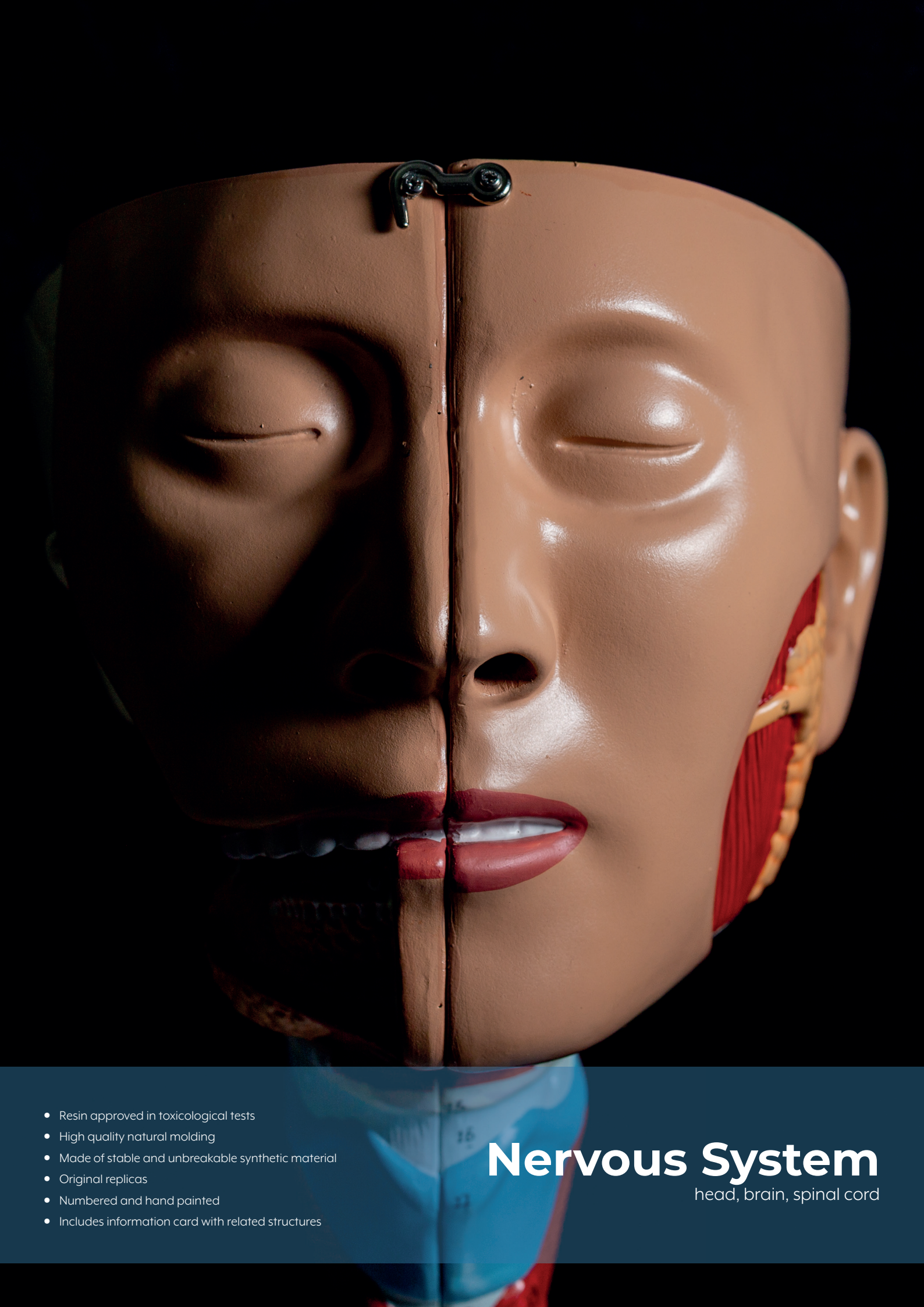
● Medium

● 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

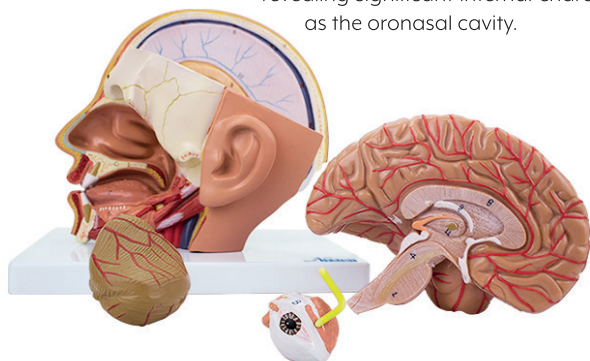
# Nervous System

head, brain, spinal cord

## Head, 4 Parts

### MG21266

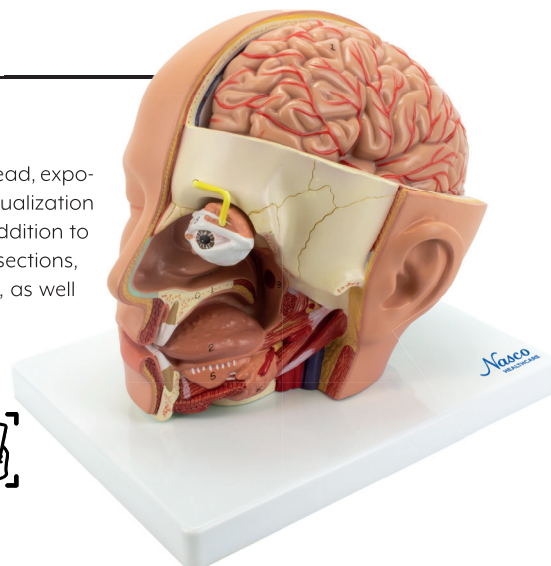
This life-size anatomical model of a male human head features a superior section at the forehead, exposing the left side of the brain with blood vessels. Composed of four parts, it allows detailed visualization of the internal structure of the brain, including blood vessels and half of the cerebellum, in addition to eyes with the optic nerve. The right side of the face is dissected in sagittal and horizontal sections, revealing significant internal characteristics of the skull and brain, as well as the oronasal cavity.



Technologies available

#### Features

- The model comes with a polymer base
- **Weight:** 3.3 lbs.
- **Dimensions (Inches):** 7.87 x 5.91 x 8.66



## Median Section of the Head

### MG31109

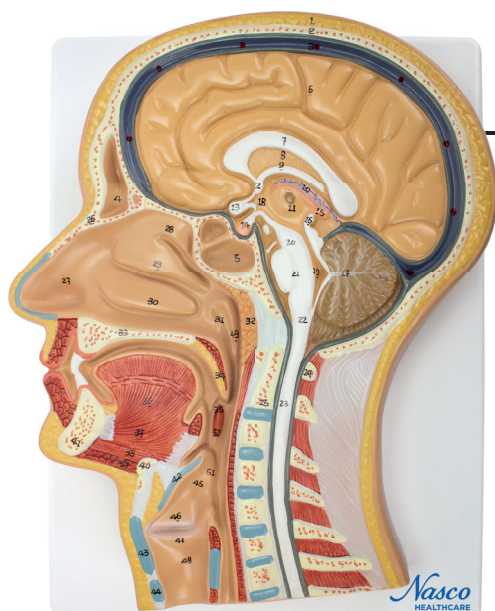
A life-size model detailing the internal structures of the head and neck, including the oronasal and buccal cavities, cervical spine, and brain. It is mounted on a base, facilitating study and manipulation.

#### Features

- The model comes with a polymer base
- **Weight:** 2.2 lbs.
- **Dimensions (Inches):** 12.99 x 9.06 x 2.17



Technologies available



## Median and Frontal Section of Human Head

### MG31108

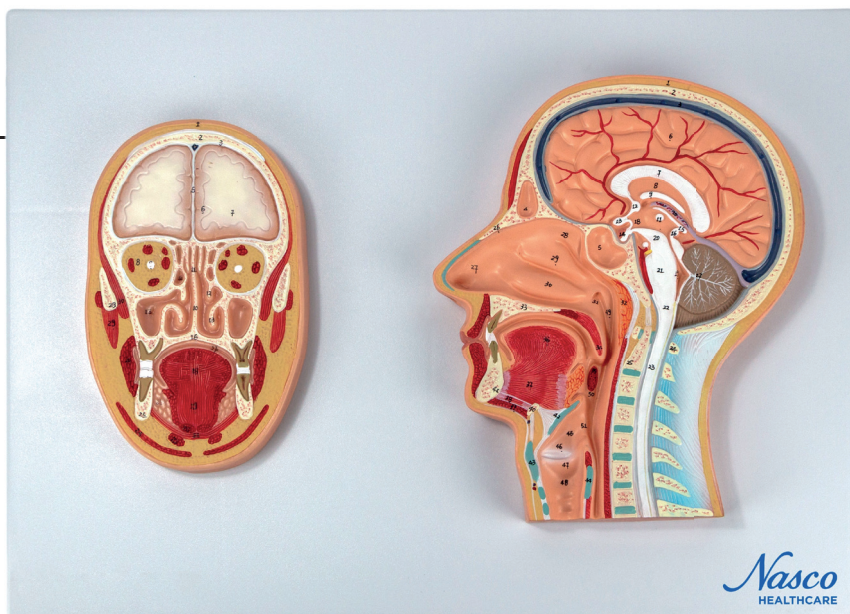
A life-size, relief representation of the internal structures of the human head and neck, ideal for facilitating the analysis and understanding of the anatomy of this region. The model presents frontal and median sections of the head for detailed comparison of structures.

#### Features

- The model comes with a polymer base
- **Weight:** 3.5 lbs.
- **Dimensions (Inches):** 20.87 x 14.96 x 2.56

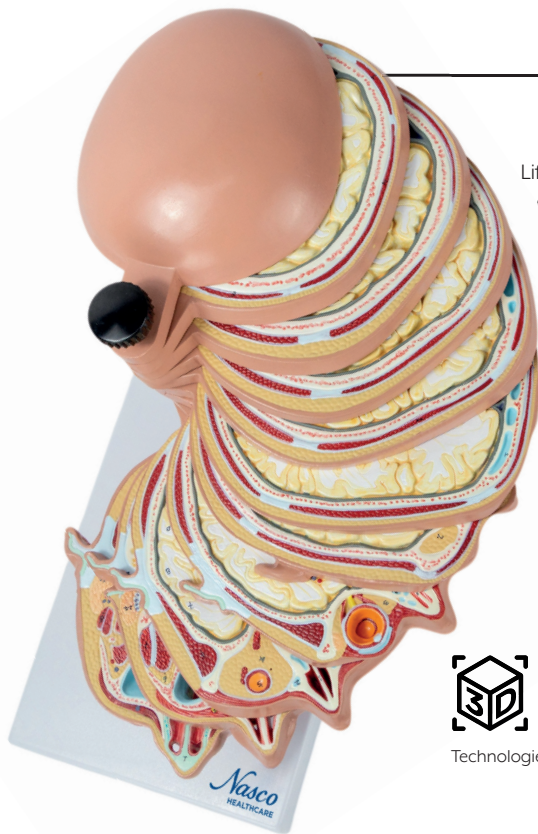


Technologies available



## MRI Head, 12 Transverse Sections

MG31094



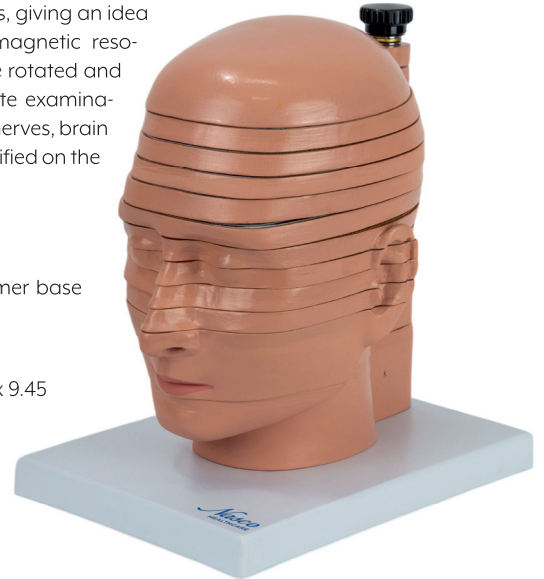
Life-size model cut horizontally into 12 parts, giving an idea of how computed tomography and magnetic resonance imaging work. Each part can be rotated and removed for closer and more accurate examination. All structures including muscles, nerves, brain and grooves are numbered and identified on the information card.

### Features

- The model comes with a polymer base with metal stand and rod
- **Weight:** 6.6 lbs.
- **Dimensions (Inches):** 9.84 x 7.09 x 9.45



Technologies available



## Half Head Model with Neck, Muscles, Blood Vessels & Nerve Branches

MG29511

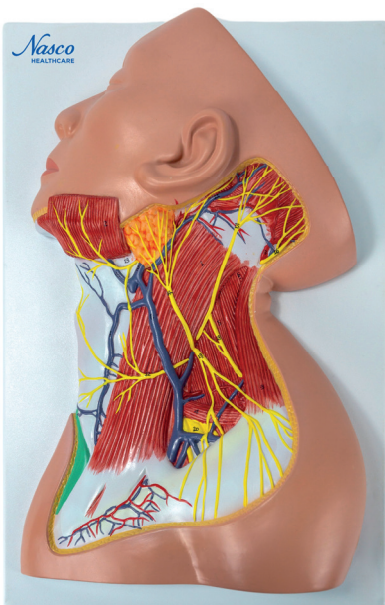
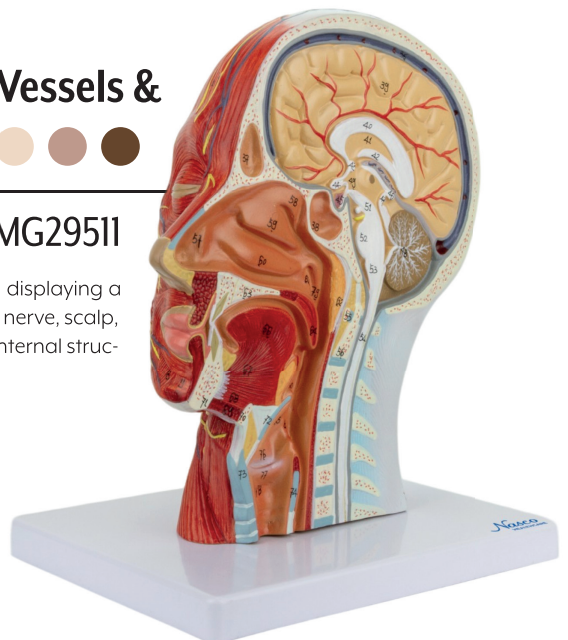
This life-size model represents the right half of the human head and neck, sectioned sagittally, displaying a superficial dissection of the facial muscles, main superficial blood vessels, branches of the facial nerve, scalp, parotid and submandibular glands, as well as a median dissection exposing the brain with its internal structure, pharynx, upper respiratory tract and a section of the cervical vertebrae.

### Features

- The model comes with a polymer base
- **Weight:** 3.3 lbs.
- **Dimensions (Inches):** 7.87 x 5.51 x 10.24



Technologies available



## Neck Muscles with Nerves

MG29872

This life-size anatomical model represents the superficial musculature of the neck, including the complex branching of the cervical plexus and important nerve structures. Structures are numbered and hand-painted in different colors for easy identification and learning. The model is mounted on a polymer base for better visualization and stability.

### Features

- The model comes with a polymer base
- **Weight:** 3.3 lbs.
- **Dimensions (Inches):** 15.75 x 10.24 x 4.72



Technologies available

## Head and Neck Muscles



MG29873



A life-size bust that richly details the superficial and deep musculature of the head, neck, and upper thoracic region, including the course of the subclavian and carotid arteries. The model is mounted on a polymer base and features hand-numbered and painted structures for easy identification.

### Features

- The model comes with a polymer base
- **Weight:** 7 lbs.
- **Dimensions (Inches):** 9.06 x 14.37 x 18.5



Technologies available

## Thoracic, Head and Neck Muscles, 3 Parts



MG29874

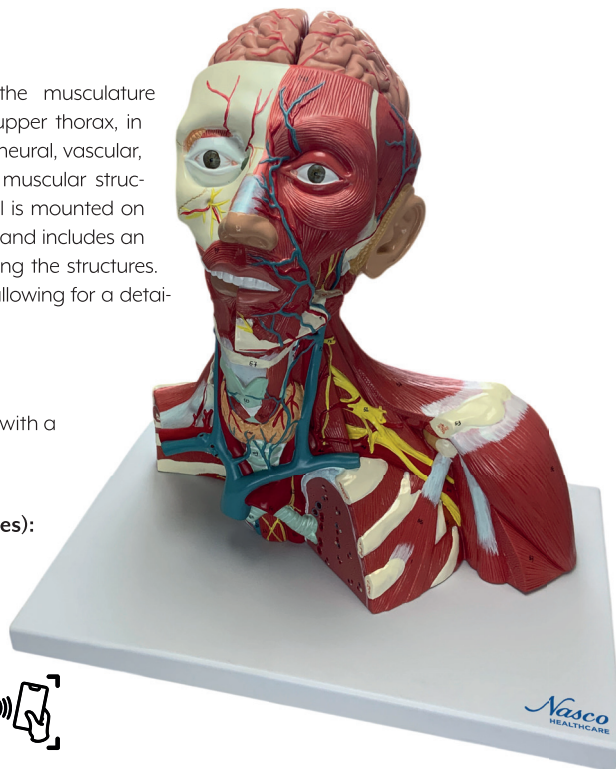
Anatomical model of the musculature of the head, neck, and upper thorax, in three parts, representing neural, vascular, osseous, glandular, and muscular structures in detail. The model is mounted on a resistant polymer base and includes an information card identifying the structures. The brain is removable, allowing for a detailed study of the arteries.

### Features

- The model comes with a polymer base
- **Weight:** 11 lbs.
- **Dimensions (Inches):** 14.17 x 7.09 x 14.57



Technologies available



## Head and Neck Muscles, 10 Parts



MG34921

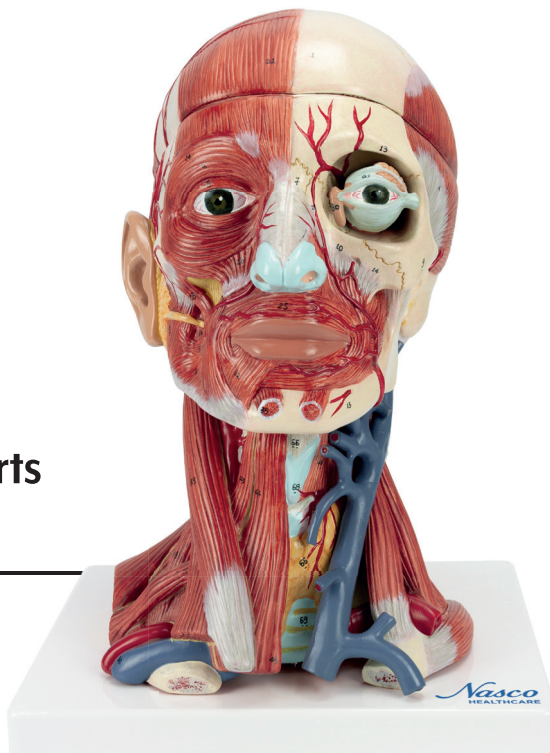
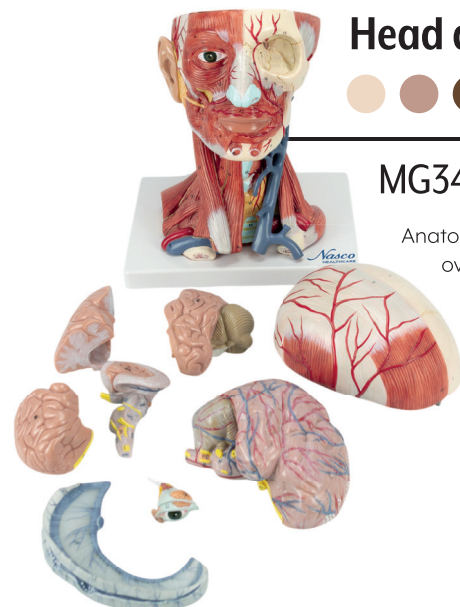
Anatomical model of the head and neck musculature, over 100 identifiable anatomical structures, life-size and richly detailed. Features precise hand-painting, highlighting muscle and ligament striations.

### Features

- The model comes with a polymer base
- **Weight:** 8.8 lbs.
- **Dimensions (Inches):** 13.78 x 9.84 x 11.02



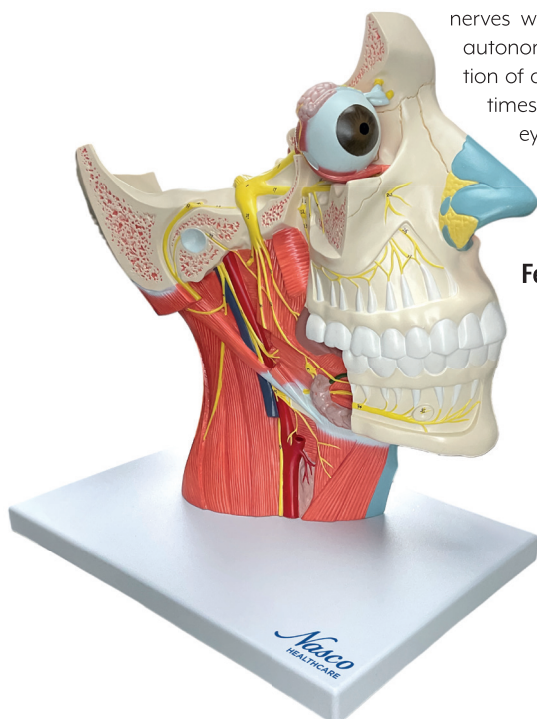
Technologies available



## Head Muscles with Autonomous Nerves

MG29868

This anatomical model represents the musculature of the head, including the twelve cranial nerves with their collateral branches and autonomic nerves. It features a dissection of a human half-head, magnified 2.5 times its natural size, with a removable eyeball for detailed study. Structures are numbered and hand-painted in distinct colors for better understanding.



### Features

- The model comes with a polymer base
- **Weight:** 4.4 lbs.
- **Dimensions (Inches):** 16.93 x 10.24 x 16.54

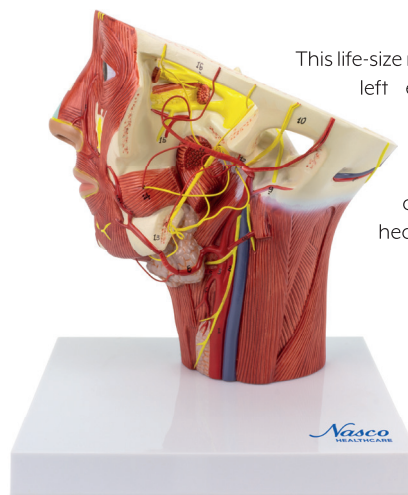


Technologies available

## Head Muscles with Arteries

MG29865

This life-size model details the left external carotid artery, including its terminal branches, and presents the head musculature.



### Features

- The model comes with a polymer base
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 7.87 x 5.91 x 7.87

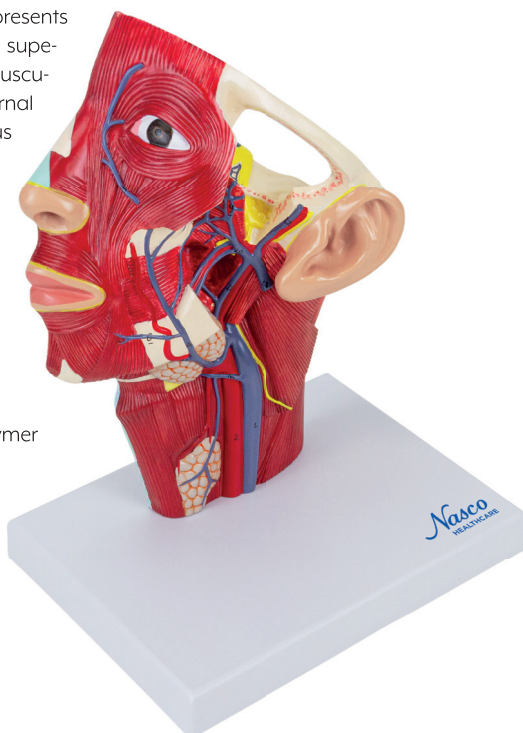


Technologies available

## Head Muscles with Blood Vessels

MG29869

This life-size anatomical model represents half of a male human head with a superior cut, exhibiting in detail the musculature and the path of the left internal jugular vein, including its venous branches in the cervical region and head.



### Features

- The model comes with a polymer base
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 7.87 x 5.91 x 7.87

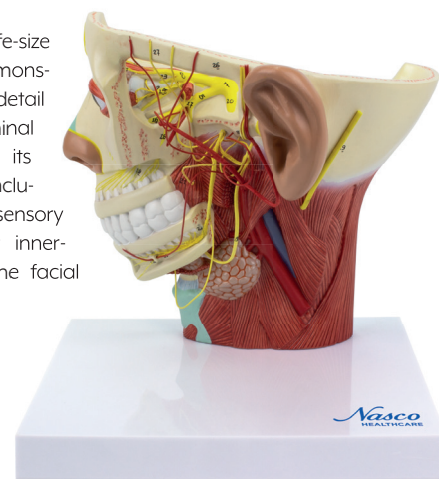


Technologies available

## Neck Muscles with Nerves

MG29867

This life-size model demonstrates in detail the trigeminal nerve and its branches, including the sensory and motor innervation of the facial region.



### Features

- The model comes with a polymer base
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 7.87 x 5.91 x 7.87



Technologies available

## Head Muscles with Larynx, 2

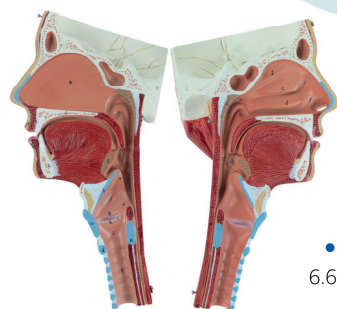
Parts   

MG29866

This anatomical model represents the musculature of the head and pharynx at life size, dissected along the sagittal plane into two halves, displaying details of the oral cavity, larynx, and oro-nasal musculature of the pharynx. Its detailed construction facilitates learning and understanding of anatomical structures.



Technologies available



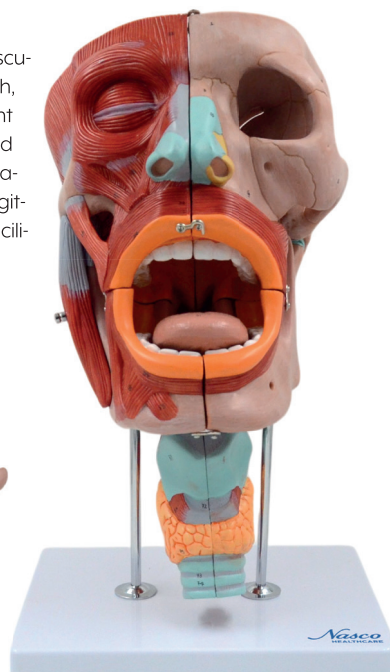
### Features

- The model comes with a polymer base
- **Weight:** 2.2 lbs.
- **Dimensions (Inches):** 6.69 x 5.91 x 11.42

## Head with Cavities of the Nose, Mouth and Throat with Larynx 2 Times Enlarged, 10 Parts

MG29864

This detailed anatomical model represents the musculature of the head, the upper respiratory tract (mouth, nasal cavities, pharynx, and larynx), and relevant cranial bone structures, in a representation enlarged two times. It features 10 parts, with the upper respiratory tract dissected into two parts along the midsagittal plane, with numbering and hand-painting to facilitate the identification of the 113 structures.



Technologies available

### Features

- The model comes with a polymer base with metal stand and rod
- **Weight:** 8.8 lbs.
- **Dimensions (Inches):** 10.63 x 11.02 x 17.72

## Brain with Arteries on Base of Head, 9 Parts

MG36150

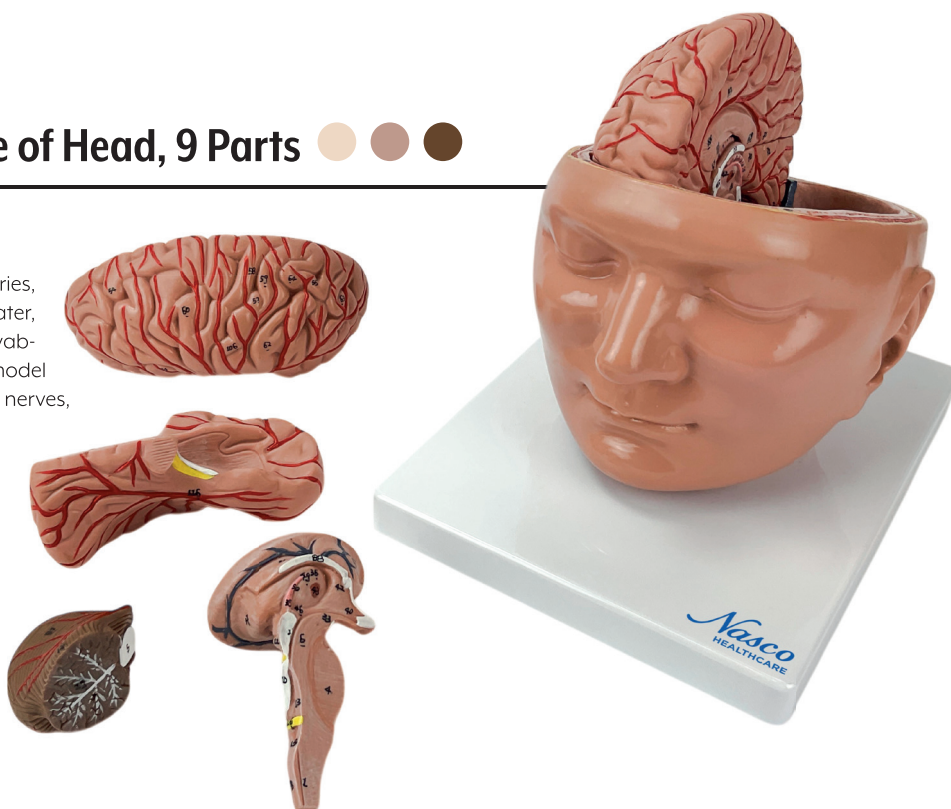
Anatomical model of the brain with head arteries, divided into 9 parts, representing the brain, dura mater, and their proportions in life size. The brain is removable and shows details of the cerebral arteries. The model includes the dura mater and the 12 pairs of cranial nerves, and allows the brain to be separated into 8 parts.

### Features

- The model comes with a polymer base
- **Weight:** 4.4 lbs.
- **Dimensions (Inches):** 7.48 x 8.66 x 9.45



Technologies available



## Brain Stem with Cerebellum, 3 Parts

MG32074



This life-size anatomical model, divided into 3 parts, presents the cerebellum and brainstem in longitudinal section, showing in detail the insertions of the cranial nerves and the internal anatomy. Important anatomical structures are numbered and color-coded for ease of learning, with all structures identified and described in an explanatory leaflet.

### Features

- The model comes with a polymer base
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 7.09 x 4.72 x 5.12



Technologies available

## Brain Stem with Hypothalamus, 2 Times Enlarged 4 Parts

MG32071

This four-part anatomical model, twice life-size, offers a detailed representation of the human brainstem and hypothalamus. The brainstem is sectioned to reveal the hypothalamic nuclei, and the thalamus is removable and divisible into two parts for a complete internal examination. Cranial nerve insertions are clearly visible

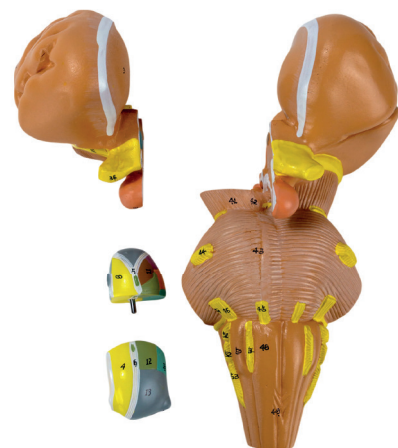
on the model's surface. Important anatomical structures are numbered and colored for easy understanding. An information card accompanies the product, detailing the structures represented.

### Features

- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 8.66 x 5.12 x 5.51



Technologies available



## Brain Stem 3 Times Enlarged

MG32072

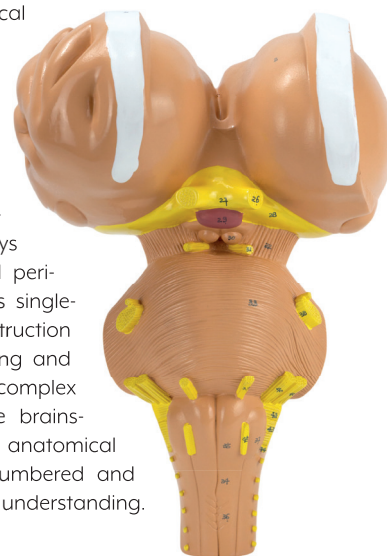
This anatomical model presents a brainstem enlarged three times its natural size, exhibiting in detail the neurological pathways and cranial and peripheral nerves. Its single-piece construction facilitates handling and the study of the complex structures of the brainstem. Important anatomical structures are numbered and colored for easier understanding.

### Features

- **Weight:** 2.2 lbs.
- **Dimensions (Inches):** 9.84 x 7.09 x 5.91



Technologies available

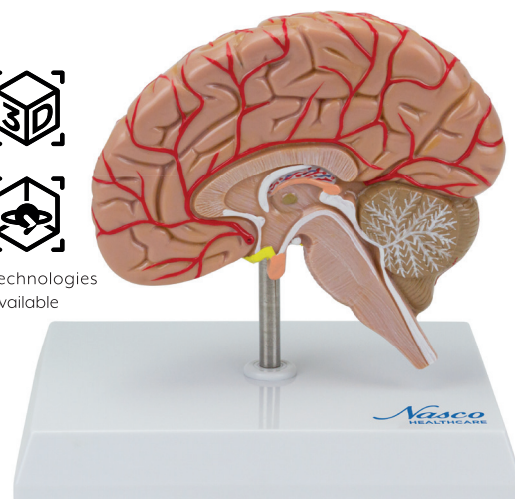


## Half Brain with Arteries

MG17228



Technologies available



This model represents a life-size right sagittal section of the brain, exhibiting in detail the frontal, parietal, occipital, temporal, motor, somatosensory and limbic cortex, cerebellum, brainstem and blood vessels.

### Features

- The model comes with a polymer base with metal stand and rod
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 7.09 x 5.51 x 6.3

## Brain Section with Pathology

### MG31100

Brain Section with Pathologies is a life-size anatomical model representing three pathologies of the cerebral vascular system: arteriovenous malformation (AVM), aneurysm, and cerebral hemorrhage (stroke).



Technologies available



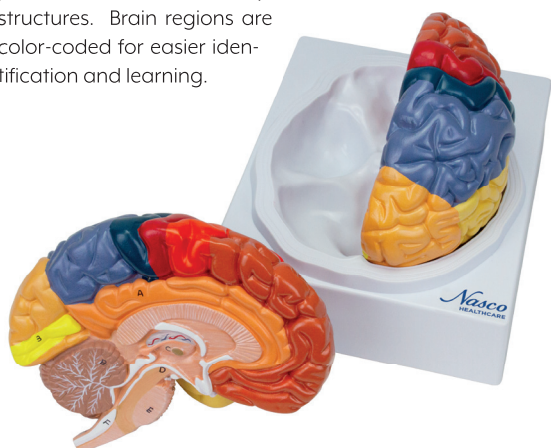
#### Features

- The model comes with a polymer base with metal stand and rod
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 4.33 x 4.33 x 7.87

## Neuro-Anatomical Brain, 2 Parts

### MG21721

This anatomical brain model offers a precise and detailed life-size representation of the human brain, divided into two parts to facilitate the study of its internal structures. Brain regions are color-coded for easier identification and learning.



#### Features

- The model comes with a polymer base
- **Weight:** 3.3 lbs.
- **Dimensions (Inches):** 7.87 x 6.69 x 5.91



Technologies available

## Cerebellum 4 Times Enlarged, 2 Parts

### MG21715

A model enlarged 4 times its natural size, dissected to reveal details of the internal structures of the human cerebellum. Ideal for the study of the anatomy of this important brain region responsible for maintaining balance, controlling muscle tone, voluntary movements, and motor learning.



#### Features

- **Weight:** 4.4 lbs.
- **Dimensions (Inches):** 15.35 x 8.27 x 7.09

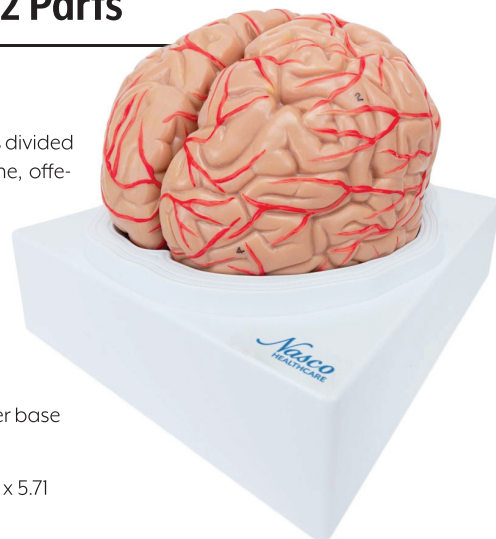


Technologies available

## Brain with Arteries, 2 Parts

### MG21716

This life-size anatomical brain model is divided into two parts along the sagittal plane, offering a detailed view of the brain structures and their blood vessels. Important anatomical structures are hand-painted and numbered, facilitating identification and study.



#### Features

- The model comes with a polymer base
- **Weight:** 1.9 lbs.
- **Dimensions (Inches):** 7.87 x 6.5 x 5.71



Technologies available

## Brain, 8 Parts

### MG21719

This detailed model presents the brain divided into eight interconnected parts by magnets, allowing the separation of the halves for individualized visualization of the frontal and parietal, temporal and occipital lobes, half of the brainstem and cerebellum. Its polymer base mounting ensures stability and ease of handling.



#### Features

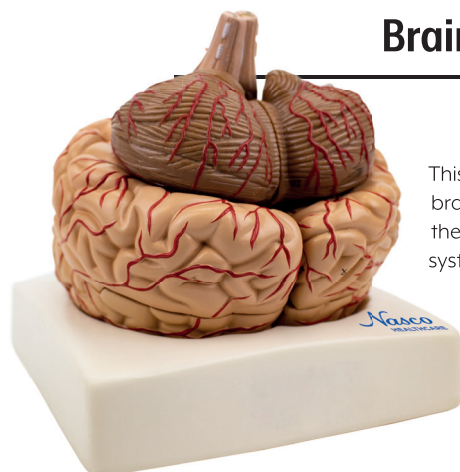
- The model comes with a polymer base
- **Weight:** 2.2 lbs.
- **Dimensions (Inches):** 5.91 x 5.51 x 5.51



Technologies available

## Brain with Arteries, 9 Parts

MG21717



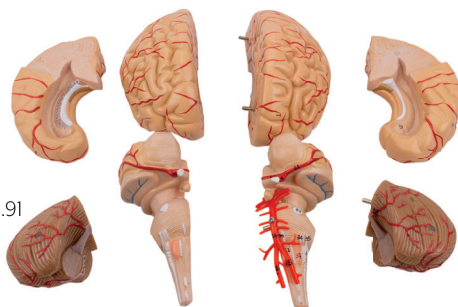
This highly detailed and accurate anatomical brain model is divided into 9 parts to facilitate the study of brain structures and the arterial system. It includes the frontal, parietal, temporal, and occipital lobes, the cerebellum, the brainstem, and the basilar artery, with blood vessels represented in rich detail, including the circle of Willis.

### Features

- The model comes with a polymer base
- **Weight:** 2.2 lbs.
- **Dimensions (Inches):** 7.87 x 6.69 x 5.91

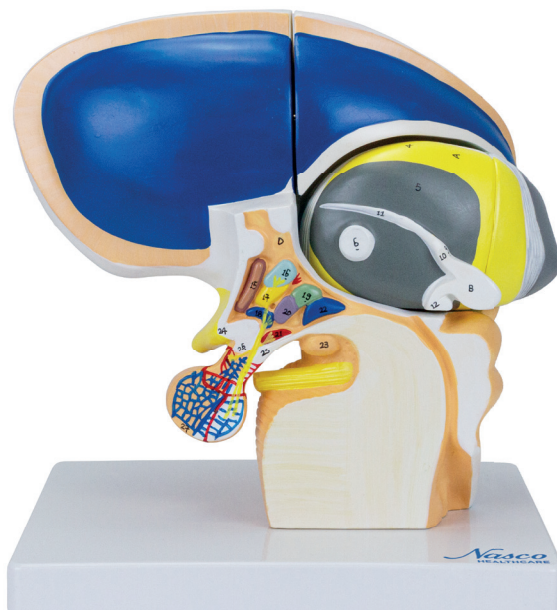


Technologies available



## Diencephal Enlarged 5 Times, 4 Parts

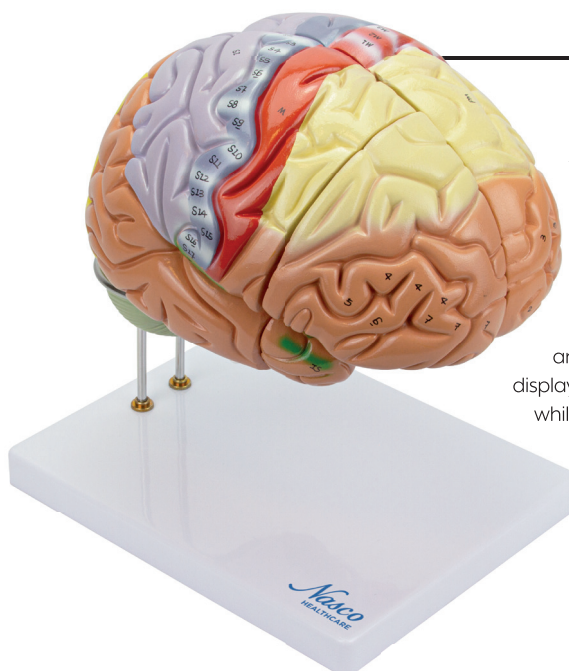
MG22801



This anatomical model represents the human diencephalon, enlarged 5 times its natural size, and divided into 4 parts for detailed study of its structures. The thalamus is removable and sectionable, allowing for internal visualization. All major structures are numbered and hand-painted with didactic colors for better understanding.

## Neuro-Anatomical Brain 4 Parts, 1.5 Times Enlarged

MG21720



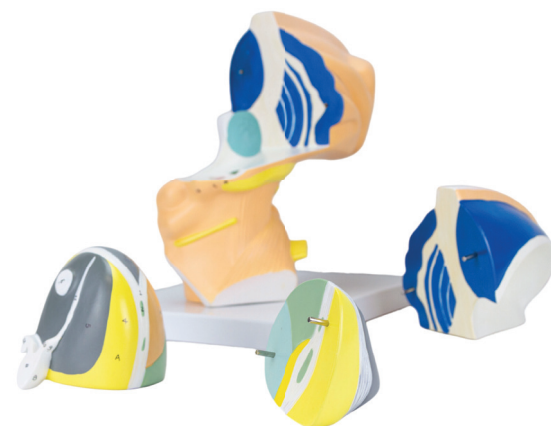
A 1.5x enlarged model of the human brain, with didactic color-coding for brain regions. The left half is sectionable into 4 parts, revealing parietal, temporal, and occipital lobes, as well as half of the brainstem and cerebellum. The right half displays the color-coded brain regions, while the left demonstrates the functional areas also in color.

### Features

- The model comes with a polymer base
- **Weight:** 4.4 lbs.
- **Dimensions (Inches):** 8.86 x 5.91 x 14.96



Technologies available



### Features

- The model comes with a polymer base
- **Weight:** 3.3 lbs.
- **Dimensions (Inches):** 9.84 x 7.09 x 9.84

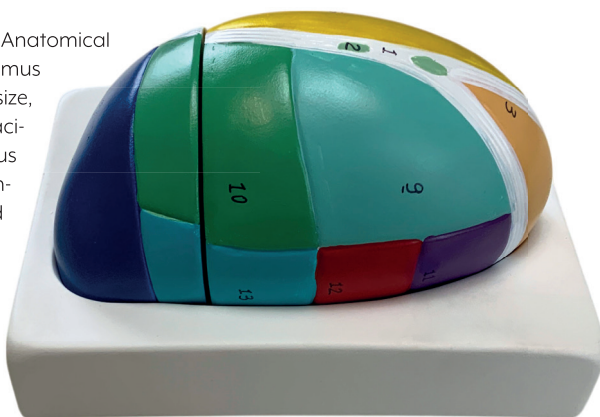


Technologies available

## Thalamus 5 Times Enlarged, 2 Parts

### MG31533

The 2-Part Thalamus Anatomical Model presents the thalamus at 5 times its natural size, divided into two parts to facilitate the study of its various functional areas, represented by distinct colors and numbered for precise identification. Internal structures are detailed, showing the differences between the thalamic nuclei, divided into five distinct groups.



#### Features

- The model comes with a polymer base
- **Weight:** 2.2 lbs.
- **Dimensions (Inches):** 7.09 x 5.12 x 5.12



Technologies available

## Thalamus 5 Times Enlarged, 5 Parts

### MG31534



The Thalamus 5 Parts anatomical model shows, at 5 times life size, the functional areas of the thalamus in distinct colors, detailing the different nuclei of each structure and numbered for easy identification.



## Thalamus 5 Times Enlarged, 7 Parts

### MG31535



The Thalamus 7 Parts anatomical model presents a detailed representation of the thalamus' functional areas, 5 times life size, with distinct colors for each nucleus and numbering for easy identification. The model is disassembled, allowing a complete analysis of the internal structures.

#### Features

- The model comes with a polymer base
- **Weight:** 2.2 lbs.
- **Dimensions (Inches):** 7.09 x 5.12 x 5.12



Technologies available

#### Features

- The model comes with a polymer base
- **Weight:** 2.2 lbs.
- **Dimensions (Inches):** 7.09 x 5.12 x 5.12



Technologies available

## Basal Nucleus, 2 Parts

### MG29930

This anatomical model, enlarged for ease of study, presents in two parts the basal nuclei and internal capsule of the brain, highlighting structures such as the caudate nucleus, lentiform nuclei, and the knee of the internal capsule. The main structures are numbered and hand-painted with didactic colors, facilitating identification and learning.

#### Features

- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 4.33 x 4.72 x 4.33

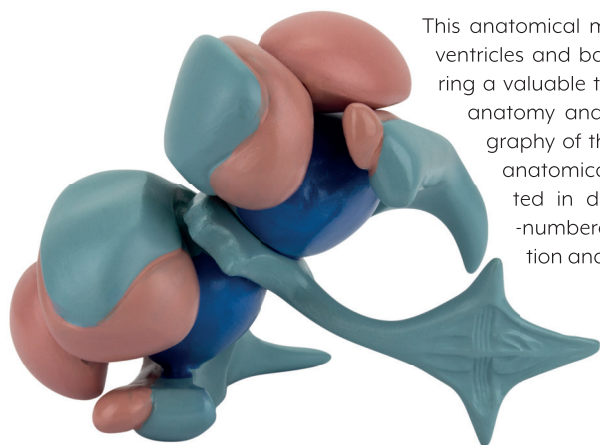


Technologies available



## Brain Ventricle and Basal Nucleus

MG32216



This anatomical model represents the brain ventricles and basal nuclei at life size, offering a valuable tool for the study of neuroanatomy and understanding the topography of these structures. Important anatomical structures are represented in different colors and hand-numbered, facilitating identification and learning.



Technologies available

### Features

- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 3.94 x 3.54 x 3.94

## Nervous System, 1/2 of Natural Size

MG31333

This anatomical relief model provides a detailed overview of the human central and peripheral nervous system, at half life size. The head is sectioned to expose the brain and cerebellum, while the neck is carefully dissected to reveal the nerve structures. The pathway of the main nerves is highlighted in relation to the skeleton, with anatomical structures numbered and hand-painted for easy understanding.

### Features

- The model comes with a polymer base
- **Weight:** 4.4 lbs.
- **Dimensions (Inches):** 35.43 x 12.6 x 3.54



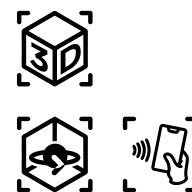
Technologies available



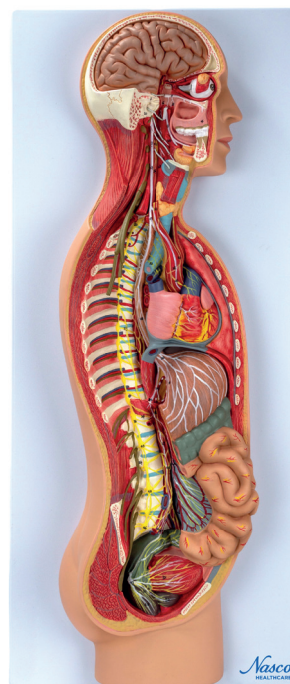
## Sympatric Nervous System

MG31332

A relief representation, mounted on a board, showing the nerve branches of the thorax, abdomen, and pelvis at a reduced scale of natural size. The model demonstrates the main structures of the sympathetic nervous system, important for understanding the body's response to stressful situations.



Technologies available



### Features

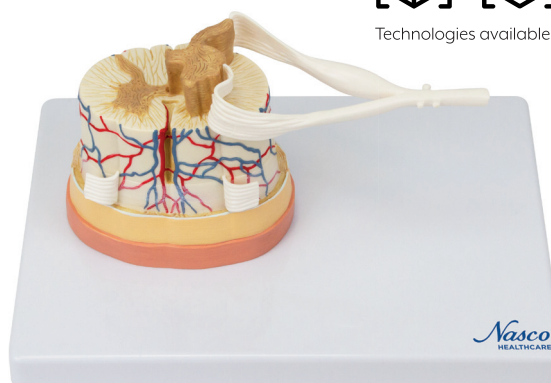
- The model comes with a polymer base
- **Weight:** 4.4 lbs.
- **Dimensions (Inches):** 27.56 x 11.81 x 5.91

## Spinal Cord, 6 Times Enlarged

MG34926



Technologies available



This anatomical model presents an enlarged (5x) representation of the human spinal cord, including its nerve endings. The model is three-dimensional and displays details of the gray and white matter, as well as other important structures, facilitating the study of the anatomy of the central nervous system.

### Features

- The model comes with a polymer base
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 10.63 x 7.87 x 5.12

## Neuron with Dendrite and Axon, 2 Parts

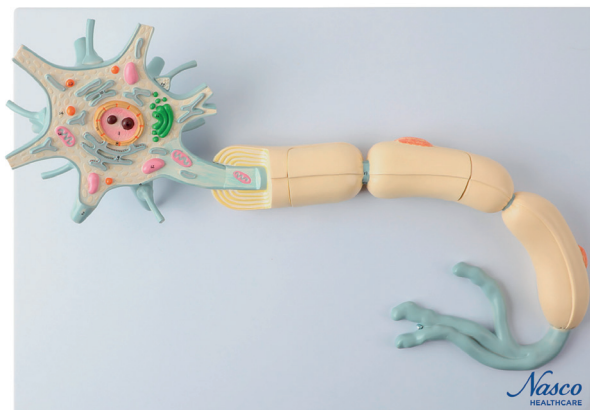
MG23433

Model magnified 2,500 times showing the structure of a typical neuron. The segmented soma shows all internal organs including cell nuclei, Golgi apparatus, smooth and rough endoplasmic reticulum. The dendrite can be opened in two parts to reveal internal structures,

such as the Schwann cell and the myelin sheath. Important anatomical structures are numbered and indicated in different colors for easy understanding.



Technologies available



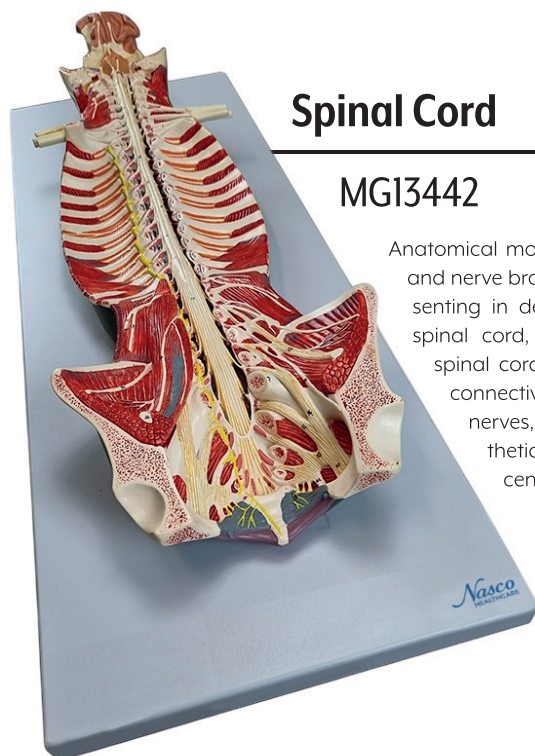
### Features

- The model comes with a polymer base
- **Weight:** 2.2 lbs.
- **Dimensions (Inches):** 15.75 x 10.24 x 4.72

## Spinal Cord

MG13442

Anatomical model of the spinal cord, brainstem, and nerve branches, mounted on a base, representing in detail the anatomy of the human spinal cord, including the vertebral column, spinal cord, nerve roots, blood vessels, and connective tissue. It shows the cranial nerves, spinal nerves, and the sympathetic trunk with their connections to the central nervous system.



### Features

- The model comes with a polymer base
- **Weight:** 3.3 lbs.
- **Dimensions (Inches):** 15.75 x 10.24 x 4.72



Technologies available

## Spinal Cord with Nerves, 8 Times Enlarged

MG29407



This model shows the three-dimensional morphology of the spinal cord and spinal nerves, in addition to the cross-sectional structure of the spinal cord, at 8 times its natural size. Composed of two parts – a three-dimensional model and a plane model of the spinal cord – and more than 20 position indicators, it aids in learning and practice.

### Features

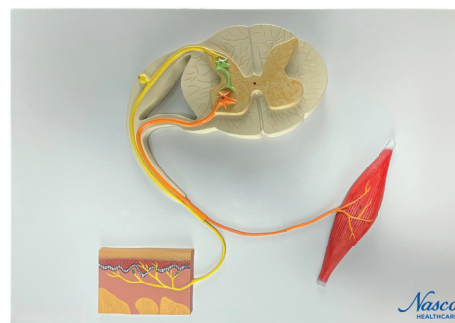
- The model comes with a polymer base
- **Weight:** 2.6 lbs.
- **Dimensions (Inches):** 10.63 x 15.75 x 4.92



Technologies available

## Sensory Elements, Neural and Motors

MG22756



Anatomical Model of Sensory, Neural, and Motor Elements, representing the reflex arc in a somatic cell, mounted on a support base. This detailed model presents several important structures for the study of neurology.

### Features

- The model comes with a polymer base
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 20.87 x 14.96 x 2.17



Technologies available