MG7387 | CLASSIC HUMAN SKULL ON CERVICAL SPINE, 4 PARTS



Nasco HEALTHCARE





Nasco HEALTHCARE





Classic Skull mounted on Cervical Column is a life-size anatomical 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. It is adjustable for support and dismountable, facilitating study and manipulation.

Applications:

Ideal for schools, universities, and educational and research institutions for the study of human anatomy. Indicated for training and demonstration of cranial and cervical structures. Allows comparative analysis of anatomical structures.

Technical Characteristics:

* High-precision natural molding.
* Made of resistant and durable synthetic material.
* Detailed replicas of anatomical structures.
* Hand-painted with numbering for precise identification of structures.
* Includes an information card with related structures.
* Resin approved in toxicological tests.
* Model with polymer base for support.

3D Technology and Augmented Reality:

Our anatomical models offer a visual complement through information cards that allow you to view 3D models in augmented reality (AR). This interactive platform assists learning, allowing comparative analysis of anatomical structures and offering resources for education in anatomy, physiology, and pathophysiology.

Technical Specifications:

* Scale: Life-size
* Material: Synthetic resin

Main Structures:

frontal bone: Flat bone that forms the anterior part of the skull, contributing to the formation of the orbital cavity and the anterior cranial fossa. Presents the glabella, superciliary arches, and the frontal sinus.

coronal suture: Immobile fibrous joint that unites the frontal bone to the parietal bones.

parietal bone: Flat, paired bone that forms most of the calvaria. Articulates with the frontal bone, the occipital bone, the temporal bone, and the contralateral parietal bone.

squamous suture: Fibrous joint that unites the parietal bone to the temporal bone.

temporal bone: Irregular, paired bone that houses the auditory apparatus and contributes to the formation of the middle cranial fossa. Includes the mastoid process, styloid process, and the mandibular fossa.

lambdoid suture: Fibrous joint that unites the occipital bone to the parietal bones.

occipital bone: Flat bone that forms the posterior and inferior part of the skull. Presents the foramen magnum, occipital condyles, and the external occipital protuberance.

zygomatic arch: Bony arch formed by the union of the zygomatic process of the temporal bone and the temporal process of the zygomatic bone.

pterion: Point of meeting of four bones: frontal, parietal, temporal, and sphenoid.

sphenoid bone: Irregular bone located at the base of the skull, contributing to the formation of the middle cranial fossa and the orbit.

Other structures can be verified directly on the physical piece or on the interactive 3D model.

About Anatomical Models:

They are developed with resin replication technology, offering an alternative for teaching and research. They present the main morphological characteristics with a good cost-benefit ratio, resistance, manual painting, and numbering for precise identification of structures.

Request a demonstration or contact us for more information!

List of all visible structures:

- frontal bone
- coronal suture
- parietal bone
- squamous suture
- temporal bone
- lambdoid suture
- occipital bone
- zygomatic arch
- pterion
- sphenoid bone
- mandibular condyle
- temporomandibular joint capsule
- mastoid process
- mental foramen
- mandible
- nerve root
- vertebral artery
- nasion
- nasal bone
- superior orbital fissure
- vomer
- inferior nasal concha
- maxilla
- inferior orbital fissure
- zygomatic bone
- intervertebral disc

- intervertebral disc
- intervertebral disc
- intervertebral disc
- spinous process
- spinous process
- spinous process
- atlas
- axis
- C3
- C4
- C5
- C6
- C7