MG22299 | CLASSIC HUMAN SKULL, 3 PARTS



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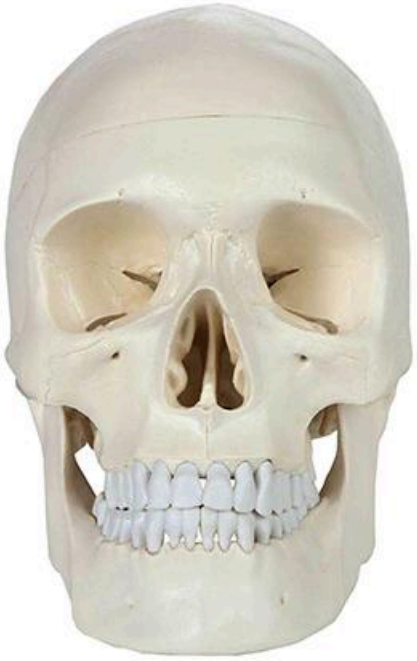

A precise and detailed representation of the human skull, with a removable skullcap for internal visualization and an articulated and removable mandible, even displaying an impacted upper right third molar. Sutures, fissures, foramina, and processes are reproduced with high fidelity.

Applications:

Ideal for anatomical study in schools and universities; surgical dissection training; classrooms; patient education; procedure demonstration; medical and scientific information.

Technical Features:

* High-precision natural molding;
* Skullcap secured with magnetic connectors and metal pins;
* Articulated mandible with discreet spring, simulating natural mobility;
* Detailed representation of all joints, sutures, fissures, foramina, and processes;
* Impacted upper right third molar (wisdom tooth) visible in the maxillary bone;
* Manufactured from stable and resistant synthetic material;
* Hand-painted;
* Includes informational card with access to the 4natomy app;
* Resin approved in toxicological tests.

3D Technology and Augmented Reality:

Our anatomical models offer an innovative visual complement through informational cards that activate 3D models viewable in augmented reality (AR). This exclusive interactive platform assists learning, allowing comparative analysis of anatomical structures and offering resources for continuing education in anatomy, physiology, and pathophysiology.

Technical Specifications:

* Scale: Life size
* Material: Synthetic resin
* 3-part model

Main Structures:

Frontal bone: A flat, unpaired bone that forms the anterior part of the skullcap. It presents the glabella (region between the eyebrows), the supraorbital arches (above the eye sockets), and the supraorbital margin. It contributes to the formation of the orbits and the nasal cavity.

Parietal bone: Paired, flat bones, forming most of the cranial vault. They articulate with each other via the sagittal suture, with the frontal bone via the coronal suture, and with the occipital bone via the lambdoid suture.

Temporal bone: Paired bones, located in the lower lateral region of the skull. Contains important structures such as the mandibular fossa (temporomandibular joint), the external acoustic meatus (external auditory canal), and the mastoid process.

Occipital bone: A flat, unpaired bone, forming the posterior part of the cranial base. It presents the foramen magnum, through which the spinal cord passes.

Sphenoid bone: An irregular, central bone in the cranial base, shaped like a butterfly. It articulates with several other bones of the skull and face. It possesses the sella turcica, which houses the pituitary gland.

Zygomatic bone: Paired bones, forming the prominences of the cheekbones. They articulate with the frontal, temporal, and maxillary bones.

Maxillary bone: Paired bones that form most of the upper facial skeleton. They contain the dental alveoli for the upper teeth.

Nasal bone: Paired, small, and elongated bones, forming the bridge of the nose.

Mandible: An unpaired, mobile, U-shaped bone, forming the lower jaw. It presents the mental symphysis and the dental alveoli for the lower teeth.

Palatine bone: Paired bones that contribute to the formation of the hard palate (roof of the mouth) and part of the floor of the nasal cavity.

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

About the Anatomical Models:

They are developed with resin replication technology, supplying the scarcity of natural anatomical specimens for teaching and research. They present all the essential morphological characteristics with excellent cost-benefit, good resistance, hand painting, and numbering for precise identification of structures.

Acquire your anatomical model and provide an enhanced and interactive learning experience at your institution. Contact us to

List of all visible structures:

- Frontal bone
- Parietal bone
- Temporal bone
- Occipital bone
- Sphenoid bone
- Zygomatic bone
- Maxillary bone
- Nasal bone
- Mandibular bone
- Palatine bone
- Lacrimal bone
- Vomer bone