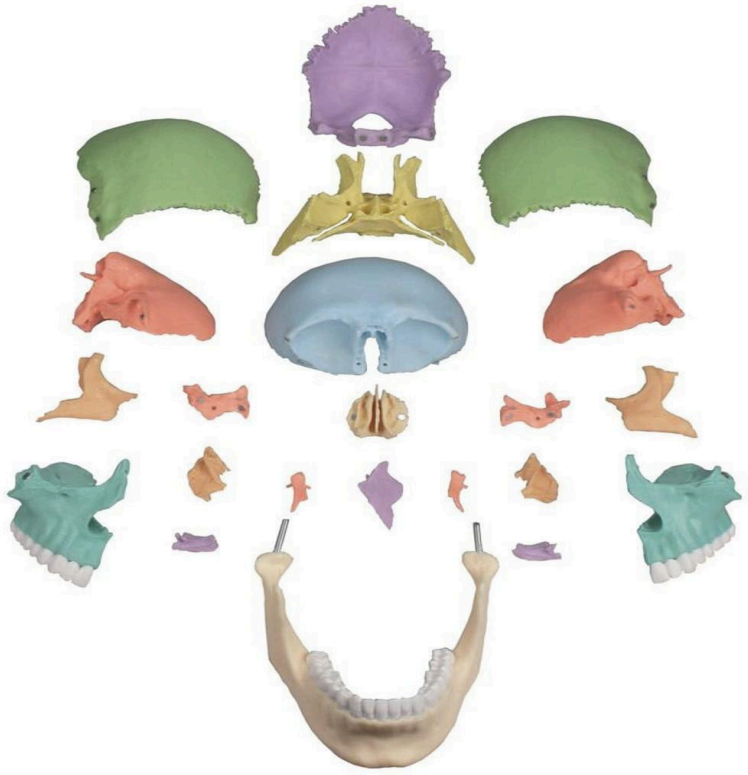
MG7390 | DIDATIC HUMAN SKULL (OSTEOPATHIC), 22 PARTS





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.

Applications:

* Teaching cranial anatomy in schools, universities, and health institutions.
* Practical training for medical students and professionals.
* Support tool for studying the complex structure of the human skull.
* Aid in understanding cranial development and its relationships.

Technical Features:

* High fidelity in the representation of bone structures.
* Numbered and hand-painted bones for easy identification.
* Made of resin approved in toxicological tests, guaranteeing safety and durability.
* High-precision natural molding, ensuring anatomical fidelity.
* Stable, resistant, and easy-to-clean synthetic material.

* Includes an information card with related structures.
* Precise replicas, faithful to the natural model.

3D Technology and Augmented Reality:

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

Technical Specifications:

* Scale: Life size.
* Material: Synthetic resin.

Main Structures:

Frontal Bone: An unpaired, median, flat bone that forms most of the anterior cranial vault. It presents the glabella, supraorbital arches, and frontal sinuses.

Right Zygomatic Bone: A paired, irregular bone that forms the prominence of the cheek. It articulates with the frontal, sphenoid, temporal, and maxillary bones.

Right Temporal Bone: A paired, irregular, and complex bone that houses the organs of hearing and balance. It presents the mandibular fossa, the zygomatic process, and the external acoustic meatus.

Left Parietal Bone: A paired, flat, quadrangular bone that forms most of the cranial vault. It contributes to the formation of the sagittal, coronal, and lambdoid sutures.

Right Parietal Bone: A paired, flat, quadrangular bone that forms most of the cranial vault. It contributes to the formation of the sagittal, coronal, and lambdoid sutures.

Occipital Bone: An unpaired bone that forms the posterior and inferior part of the skull. It presents the foramen magnum, through which the spinal cord passes.

Sphenoid Bone: An unpaired bone located at the base of the skull that articulates with almost all the bones of the skull. It presents the sella turcica, where the pituitary gland is housed.

Left Maxilla with Teeth: A paired bone that forms the skeleton of the upper jaw, containing the alveolar cavities for the upper teeth.

Ethmoid Bone: An unpaired bone located in the anterior part of the base of the skull, contributing to the formation of the nasal cavities and orbits.

Left Nasal Bone: A paired bone that forms the skeleton of the dorsum of the nose.

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

About the Anatomical Models:

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

List of all visible structures:

- Frontal bone
- Right zygomatic bone
- Right temporal bone
- Left parietal bone
- Right parietal bone
- Occipital bone
- Sphenoid bone
- Left maxilla with teeth
- Ethmoid bone
- Left nasal bone
- Right nasal bone
- Left inferior nasal concha
- Right inferior nasal concha
- Right maxilla with teeth
- Right zygomatic bone
- Vomer bone
- Left temporal bone
- Mandible with teeth
- Right palatine bone
- Left palatine bone
- Left lacrimal bone
- Right lacrimal bone