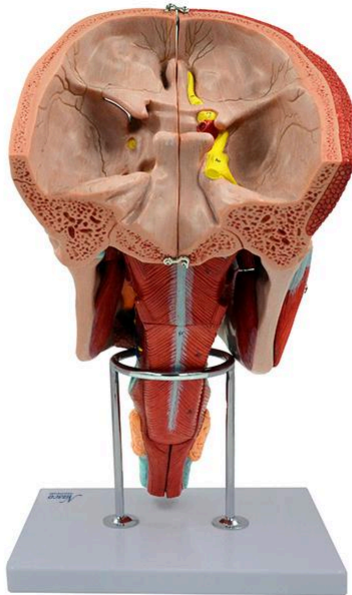




**MG29864 | HEAD WITH CAVITIES OF THE
NOSE, MOUTH AND THROAT WITH LARYNX 2
TIMES ENLARGED, 10 PARTS**





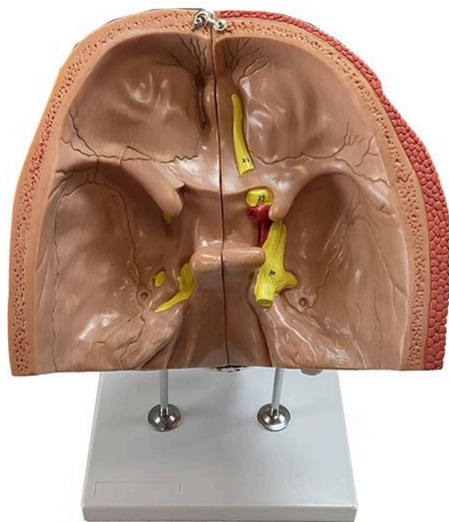
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This detailed anatomical model represents the musculature of the head, the upper respiratory tract (mouth, nasal cavities, pharynx, and larynx), and relevant cranial bone structures, in a representation enlarged two times. It features 10 parts, with 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. The model is mounted on a support base with a metal rod.

Applications:

Ideal for the study and teaching of head and upper respiratory tract anatomy in schools, universities, clinics, and medical offices. Indicated for the training of healthcare professionals and for didactic demonstrations. Allows for the comparative analysis of anatomical structures.

Features:

- * Detailed representation with 113 numbered and hand-painted structures.
- * High-precision natural molding.
- * Manufactured from stable synthetic material and resin approved in toxicological tests.
- * Precise replicas.
- * Includes an information card with the related structures.



- * Color-coded model for easy identification of structures.
- * Includes a support base and metal rod.

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 assists learning, allowing for the comparative analysis of anatomical structures and offering resources for continuing education in anatomy, physiology, and pathophysiology.

Technical Specifications:

- * Scale: 2x Enlarged
- * Material: Synthetic Resin
- * Paint: Manual
- * Number of Parts: 10
- * Number of References: 113

Main Structures:

frontal bone: Flat bone that forms most of the forehead and contributes to the roof of the eye socket and the anterior cranial fossa. Presents different articular sutures with other cranial bones.

nasal bone: Two small bones that form the bridge of the nose, contributing to the bony structure of the nasal pyramid. They articulate with the frontal bone superiorly and with the maxillary bone inferiorly.

superior nasal cartilage: Cartilage that contributes to the formation of the upper part of the cartilaginous structure of the nose, supporting the tip and the nasal dorsum.

inferior nasal cartilage: Cartilage that forms the lower part of the cartilaginous structure of the nose, contributing to its shape and support. It is the most lateral cartilaginous structure of the nose.

parietal bone: Flat bone that forms most of the cranial vault. It articulates with the frontal bone, the temporal bone, the occipital bone, and the sphenoid bone.

sphenoid bone: Irregular bone located at the base of the skull, which has a complex structure with several cavities and articulates with most of the other cranial bones.



temporal bone: Irregular bone that forms part of the base and lateral wall of the skull, housing important structures such as the middle and inner ear.

malar prominence: Bony prominence formed by the zygomatic bones, contributing to the facial structure and the protection of the eye socket.

maxilla: Paired bone that forms most of the upper jaw, contributing to the facial structure and housing the upper teeth.

orbicularis oris muscle: Circular muscle that surrounds the opening of the mouth, responsible for closing the lips.

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

About the Anatomical Models:

They are developed with resin replication technology, offering an alternative for teaching and research. They present the essential morphological characteristics, combining cost-effectiveness, durability, hand-painting, and numbering for precise identification of structures.

List of all visible structures:

- frontal bone
- nasal bone
- superior nasal cartilage
- inferior nasal cartilage
- parietal bone
- sphenoid bone
- temporal bone
- malar bone
- maxillary bone
- orbicularis oris muscle
- nasal muscle
- orbital portion of the orbicularis
- palpebral portion of the orbicularis muscle
- levator labii superioris alaeque nasi muscle
- levator labii superioris muscle
- zygomaticus minor muscle
- mandibular ligament
- zygomaticus major muscle



- buccinator muscle
- orbicularis oris muscle
- depressor labii inferioris muscle
- depressor anguli oris muscle
- thyroid cartilage
- thyroid membrane
- inferior pharyngeal constrictor muscle
- middle pharyngeal constrictor muscle
- pharyngeal raphe
- pharyngobasilar fascia
- cricothyroid ligament
- thyroid gland
- tracheal annular ligaments
- tracheal cartilages
- cricothyroid muscle
- temporal muscle
- masseter muscle
- superficial portion
- deep portion
- mental muscle
- facial nerve
- optic nerve
- trigeminal ganglion