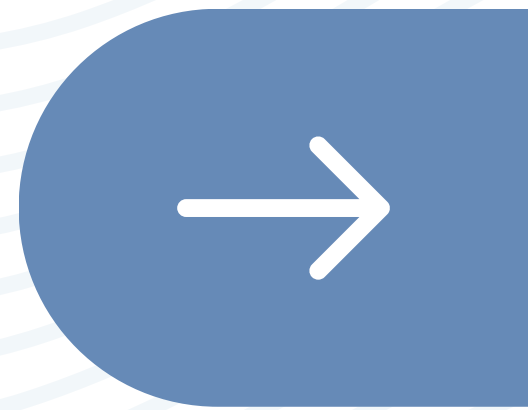


# #DIBS BY NEXTILLO

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TRIANGLES OF THE NECK





# #DIBSBYNEXTILLO

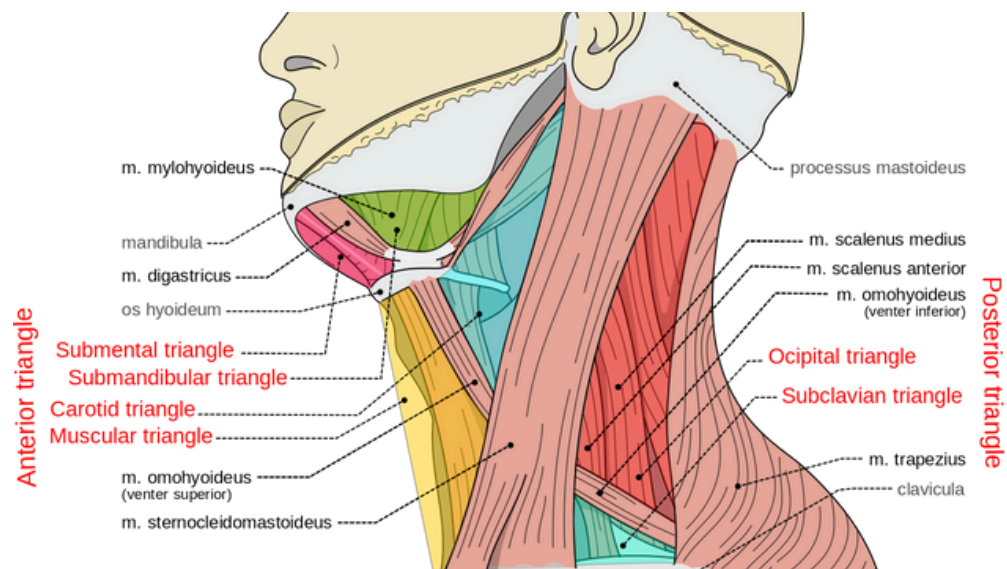
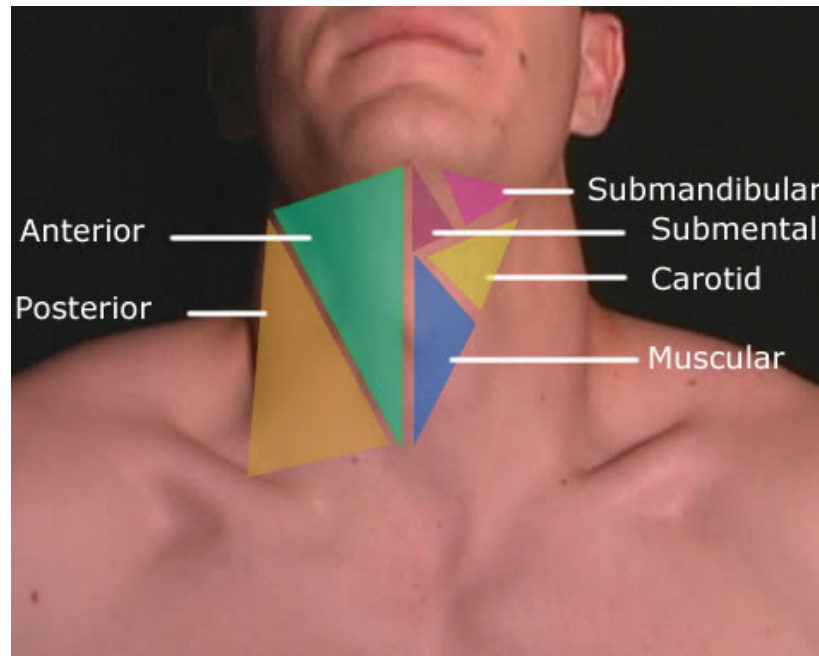
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## TRIANGLES OF THE NECK

Understanding the triangles of the neck is fundamental for comprehending the regional anatomy and assisting in the clinical evaluation of structures within this intricate area.



# VISUAL REPRESENTATION





# OVERVIEW OF NECK TRIANGLES.

- **Definition and Significance:** Neck triangles are anatomical divisions that aid in localizing structures and simplifying the assessment of the neck's complex anatomy.
- They serve as landmarks for healthcare professionals during examinations and procedures.
- **Types of Triangles:** Neck triangles can be categorized into anterior and posterior triangles, each further subdivided based on their anatomical features.
- These triangles help in organizing and understanding the arrangement of structures in the neck.
- **Boundaries and Contents** Each triangle has defined boundaries consisting of specific muscles and bones, and contains various structures such as blood vessels, nerves, and glands.



# MAJOR NECK TRIANGLES AND THEIR CONTENTS

- ***Anterior Triangle :***
- ***Subdivided into the submental, submandibular, carotid, and muscular triangles***
- ***Houses structures like the thyroid gland, submandibular gland, carotid arteries, and major neck muscles.***
- ***Posterior Triangle:Subdivided into the occipital and omoclavicular (or supraclavicular) triangles.***
- ***Contains the brachial plexus, subclavian artery and vein, and the posterior cervical lymph nodes.***





# CLINICAL APPLICATIONS

- **Neck Mass Assessment:**
- **Knowledge of neck triangles aids in systematic examination and localization of masses or swellings.**
- **Different triangles correspond to specific structures, facilitating targeted investigations**
- **Vascular Access Planning: Surgeons and clinicians use the triangles for planning vascular access routes.**
- **Essential for procedures such as central line placement or arterial cannulation.**
- **Surgical Approaches: Understanding the anatomy of triangles is crucial for surgical planning.**



# MCQ

## **QUESTION**

***Which triangle of the neck houses the carotid arteries?***

***Submandibular Triangle***

***Carotid Triangle***

***Occipital Triangle***

***Muscular Triangle***

***ANSWER: 2. Carotid Triangle***