

Unit 22:

Neck 2 (anterior cervical region, larynx)

GENERAL OBJECTIVES:

- general considerations of the organization of anterior cervical region
- structure and function of larynx

SPECIFIC OBJECTIVES:

1. Anterior Triangle

Boundaries

Carotid Triangle

Contents:

Carotid Sheath

Common Carotid Artery

-Internal Carotid Artery (with Carotid Sinus & Carotid Body)

-External Carotid Artery (& Branches)

Internal Jugular Vein (with Tributaries: Common Facial. Others)

Upper Deep Cervical Lymph Nodes

Nerves: Vagus (X) (with External & Internal Laryngeal Branches)

Accessory (XI)

Hypoglossal (XII).

Ansa Cervicalis

Sympathetic Trunk

Submandibular (Digastric) Triangle

Roof & Floor (Mylohyoid & Hyoglossus)

Contents:

Submandibular Gland (Superficial Part)

Facial Artery & Vein

Submandibular Lymph Nodes

Hypoglossal Nerve

Nerve to Mylohyoid

Submental Triangle

Contents:

Submental Lymph Nodes

Muscular Triangle

Contents:

Anterior Jugular Veins, Infrahyoid (Strap) Muscles

2. Larynx

Framework (Unpaired Cartilages): Thyroid, Cricoid, Epiglottic

Paired Cartilages: Arytenoids

Corniculates & Cuneiforms

Joints: Cricothyroid & Cricoarytenoid

Ligaments & Membranes:

Thyrohyoid Membrane, Cricothyroid Ligament

Vocal Ligament & Conus Elasticus

Quadrangular Membrane & Vestibular Ligament

Interior: (Mucous Membrane)

Aryepiglottic folds (-> Inlet)

Vestibule

Vestibular Folds ("False Cords")

Ventricle (& Saccule)

Vocal Folds (& Rima Glottidis) -> "Glottis"

Infraglottic Cavity

