



Lymph Drainage Head & Neck



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ORGANIZATION OF THE LYMPH NODES

1. Superficial Lymph Nodes:

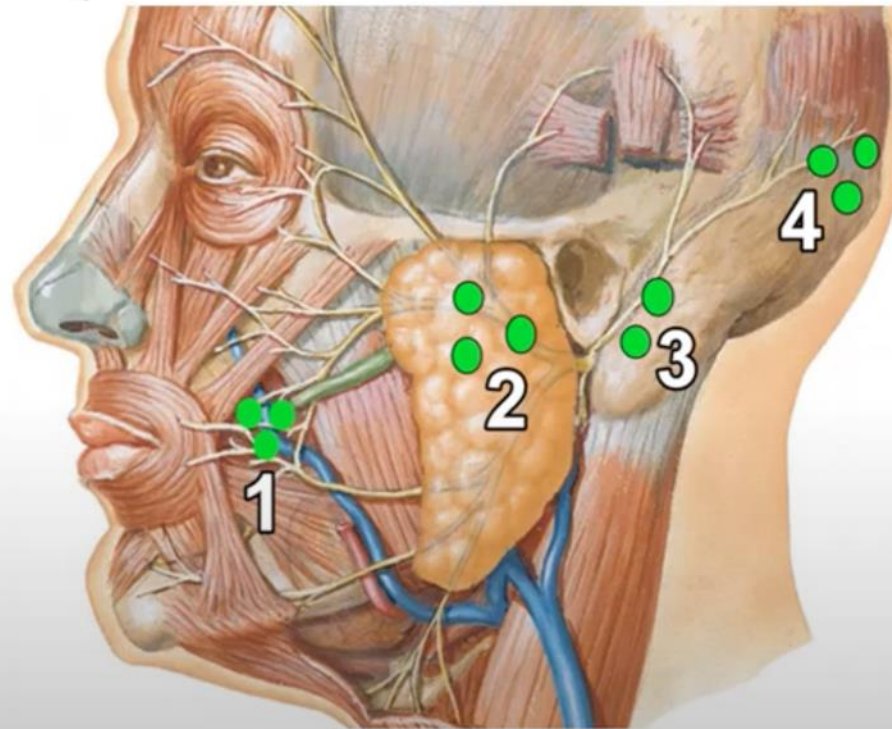
-  **They are present** in the superficial fascia.
-  **Drain** the skin & superficial fascia
-  **They drain into** the deep cervical nodes.

2. Deep Cervical Lymph Nodes:

-  **They are present** deep to the deep fascia.
-  **Drain** the deep tissues
-  **Their efferent vessels** form the **jugular lymph trunk** which ends in the:
 - 1. Right side:** in the **right lymphatic duct**.
 - 2. Left side:** in the **thoracic duct**.

SUPERFICIAL LYMPH NODES

In Head & in Neck



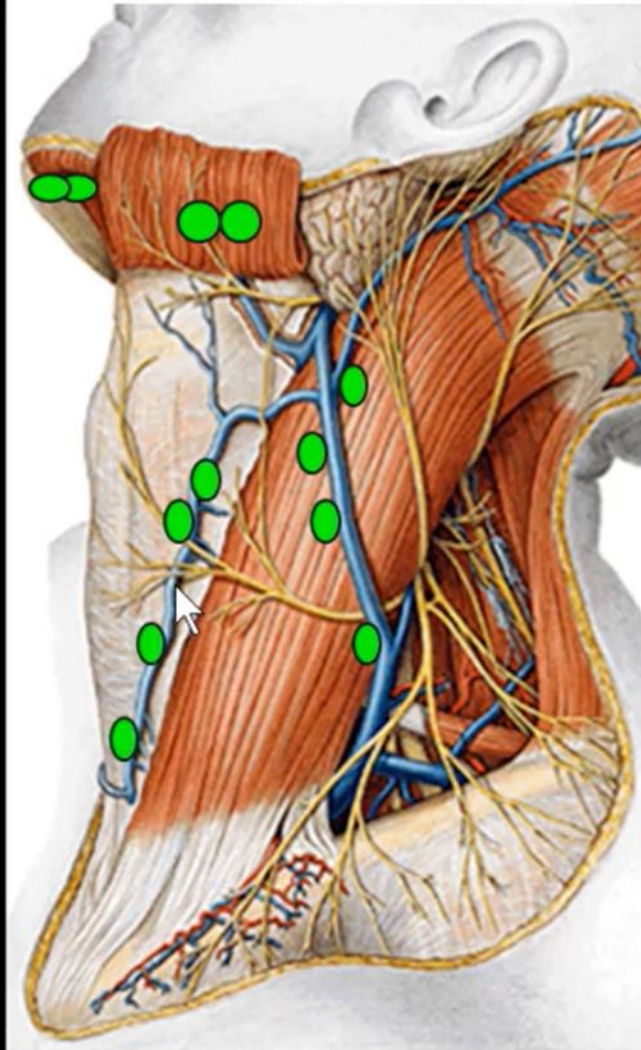
1: Buccal
2: Parotid

3: Mastoid
4: Occipital

SUPERFICIAL LYMPH NODES

2. IN THE NECK:

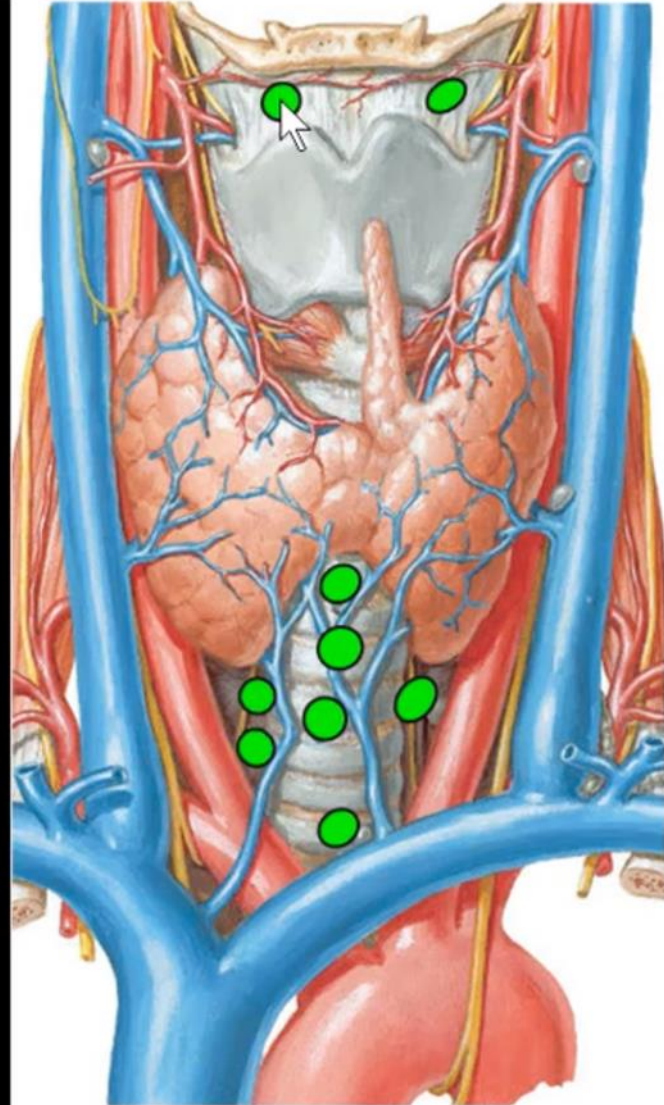
- 1. Submental:** below the chin. **Drain** the chin, tip of tongue, central part of lower lip & lower incisors.
- 2. Submandibular:** on the surface of the submandibular salivary gland. **Drain** the forehead, face, ant 2/3 of the tongue and upper and lower teeth.
- 3. Superficial cervical:** along the external jugular vein.
- 4. Anterior cervical:** along the anterior jugular vein. **Drain** the skin of the front of the neck



DEEP CERVICAL LYMPH NODES

1. IN THE MIDLINE

- 1. Pretracheal:** on front of the trachea. Drain thyroid g & trachea
- 2. Paratracheal:** on each side of the trachea & esophagus. Drain the thyroid gland and trachea.
- 3. Laryngeal (infrahyoid):** below the hyoid bone. Drain the larynx.
- 4. Retropharyngeal:** behind the upper part of the pharynx. Drain the pharynx.



DEEP CERVICAL LYMPH NODES

2. ON EACH SIDE OF THE NECK

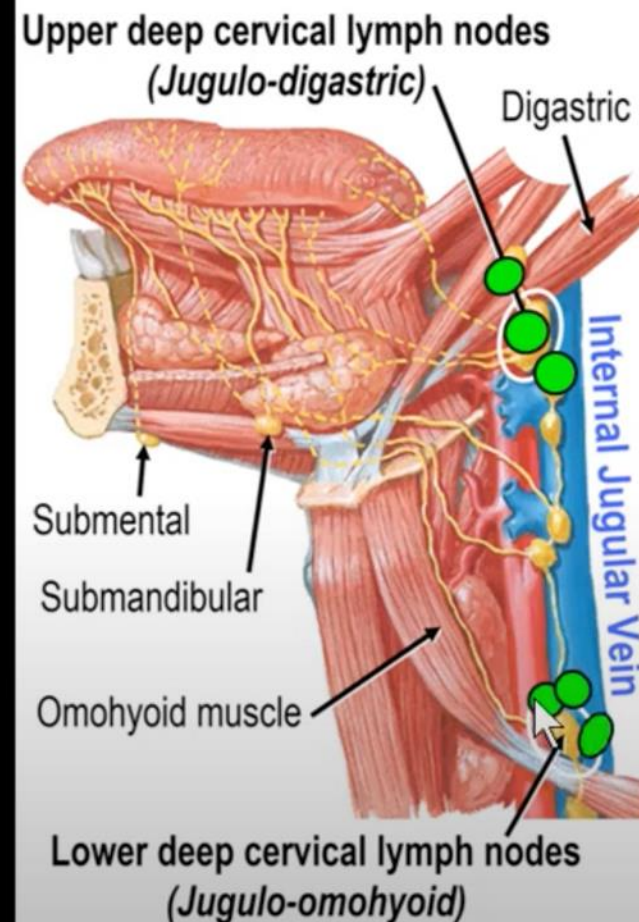
- ❑ **Are arranged along** the carotid sheath & the **internal jugular vein**

- ❑ **Are divided into 2 groups:**

- 1. Upper deep cervical:** where the post belly of the digastric crosses the **IJV** “**jugulo-digastric LN**”.

Drain palatine tonsil & post 1/3 of tongue

- 2. Lower deep cervical:** where the tendon of the omohyoid crosses the **IJV** “**jugulo-omohyoid nodes**”

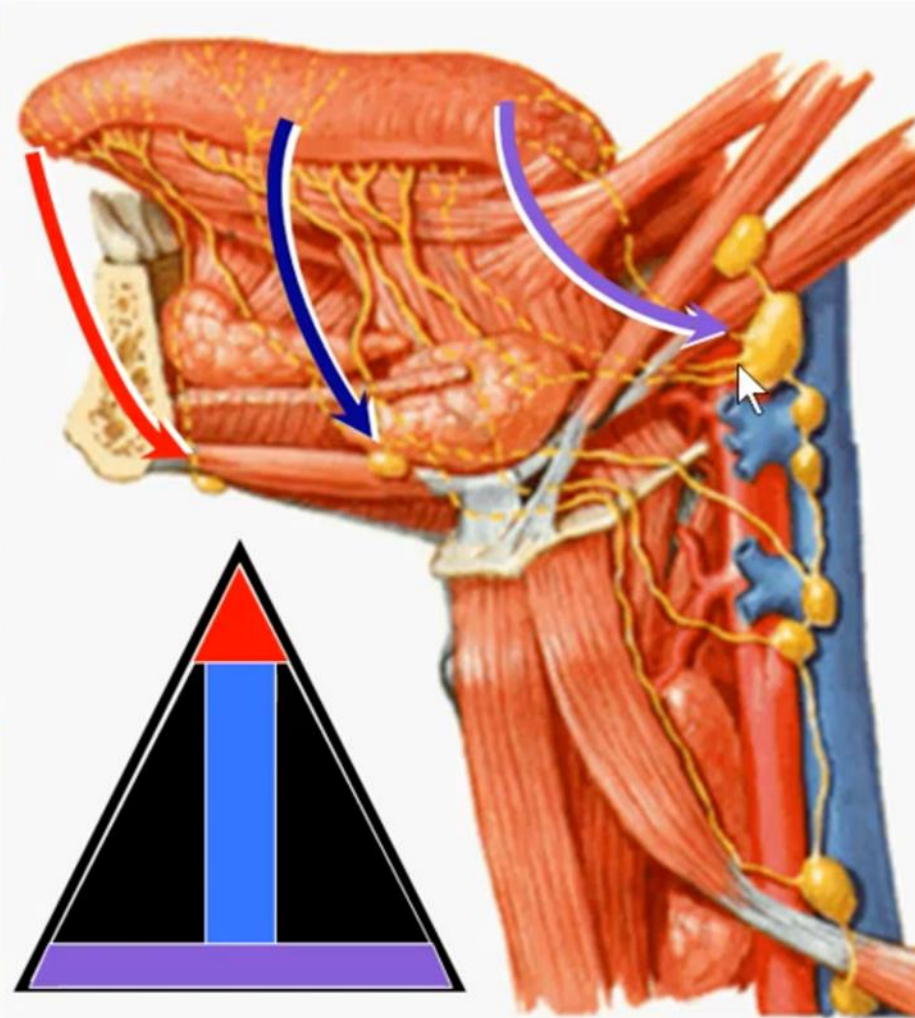


LYMPH DRAINAGE OF THE TONGUE

TIP:
to submental
Lymph nodes

ANTERIOR 2/3:
Submandibular lymph nodes
Central part: bilateral
Peripheral part: unilateral

POSTERIOR 1/3:
upper deep cervical lymph
nodes

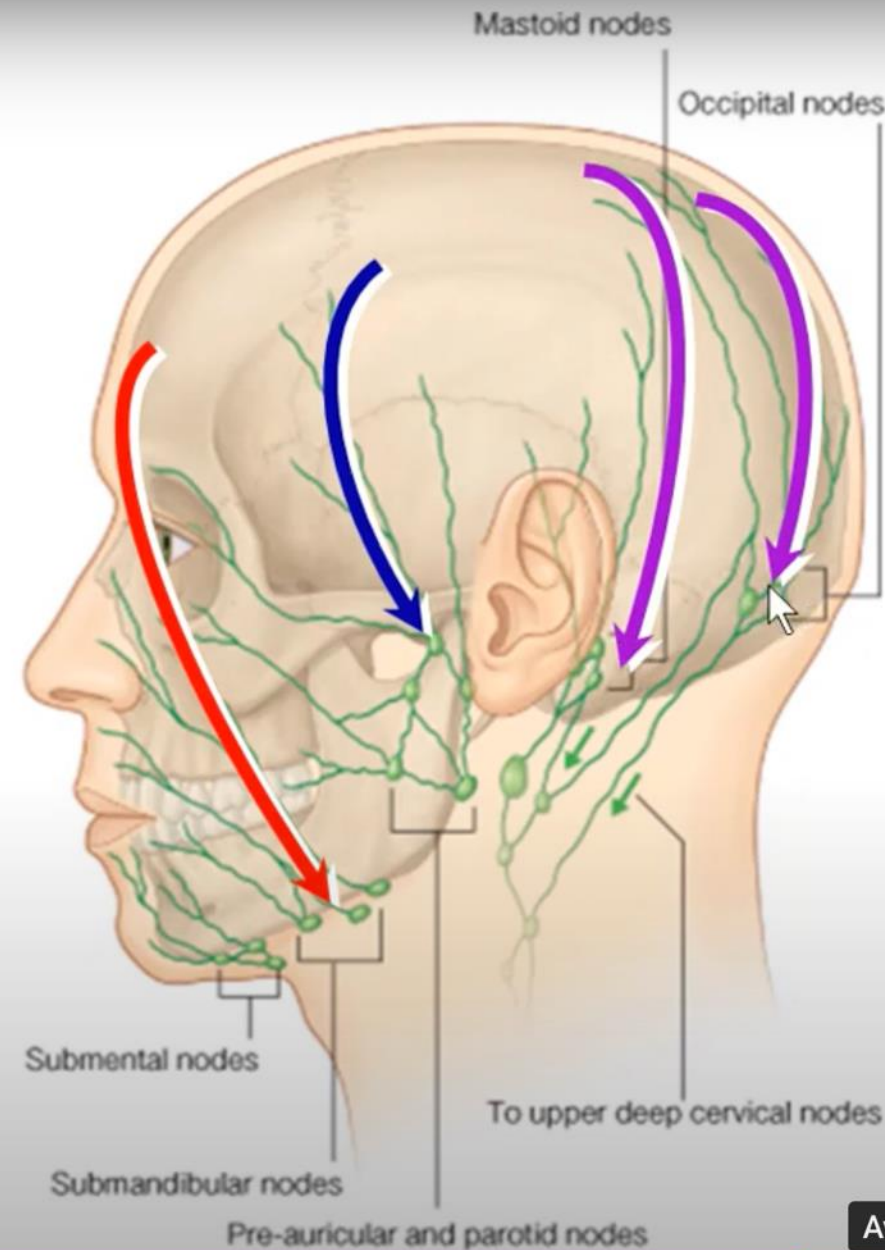


LYMPH DRAINAGE of the SCALP

Forehead: to the
submandibular L nodes

Lateral part: to the
preauricular L nodes

Posterior part: to the
mastoid & occipital
lymph nodes



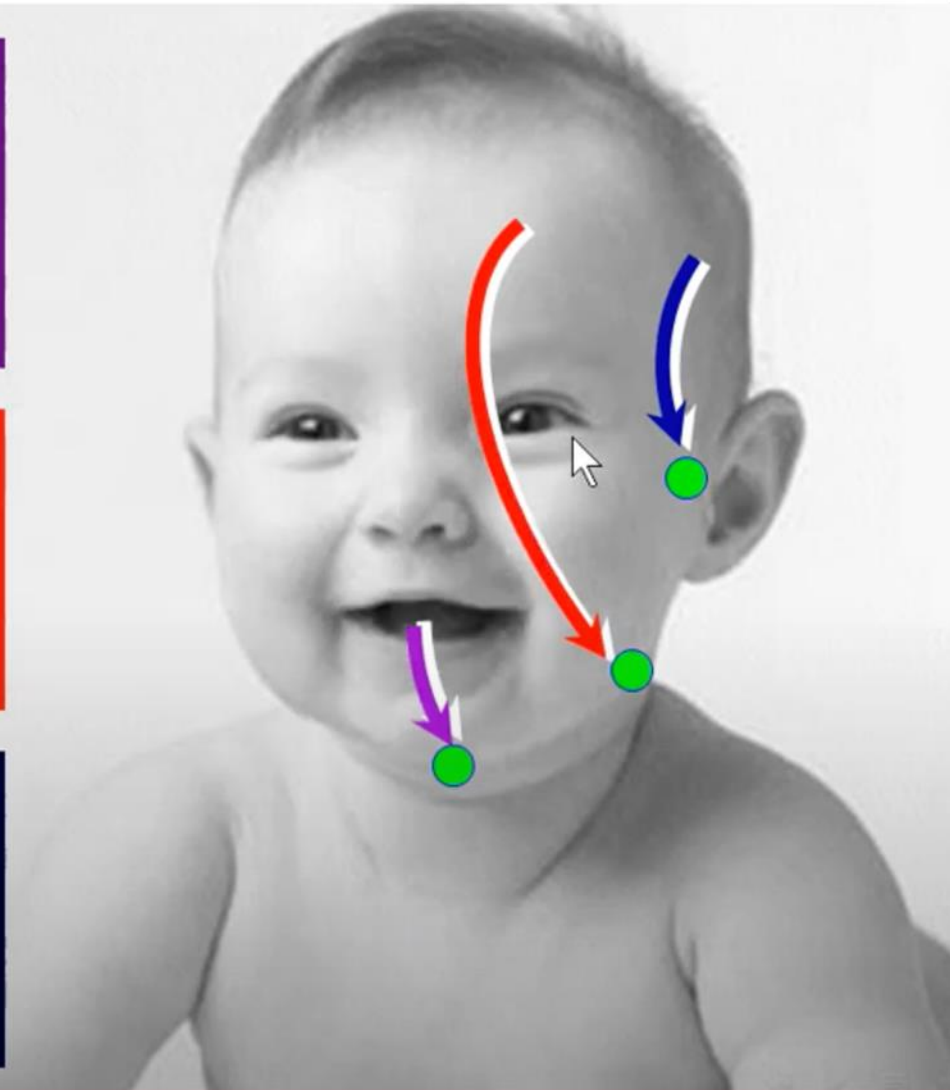
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Lymph Drainage of the Face

**Central Part of the
Lower Lip & Chin:
Submental Lymph Nodes**

**Forehead &
Anterior Part:
Submandibular L Nodes**

**Lateral part & Lat
part of Eyelids:
Parotid L Nodes**



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