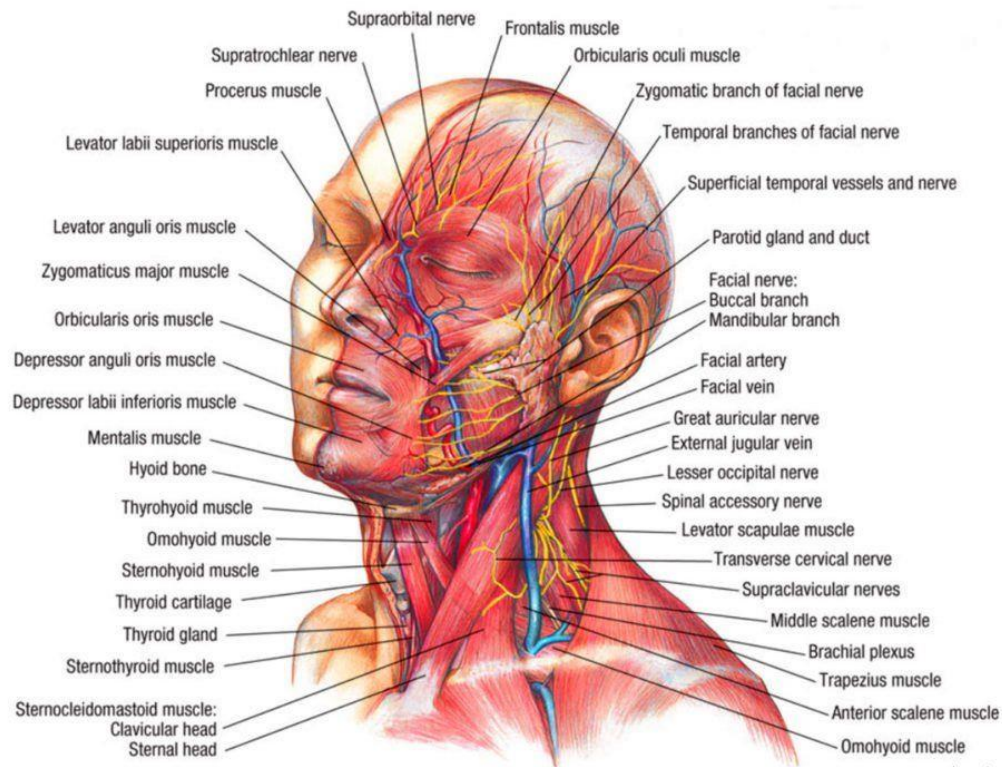


# HEAD & NECK

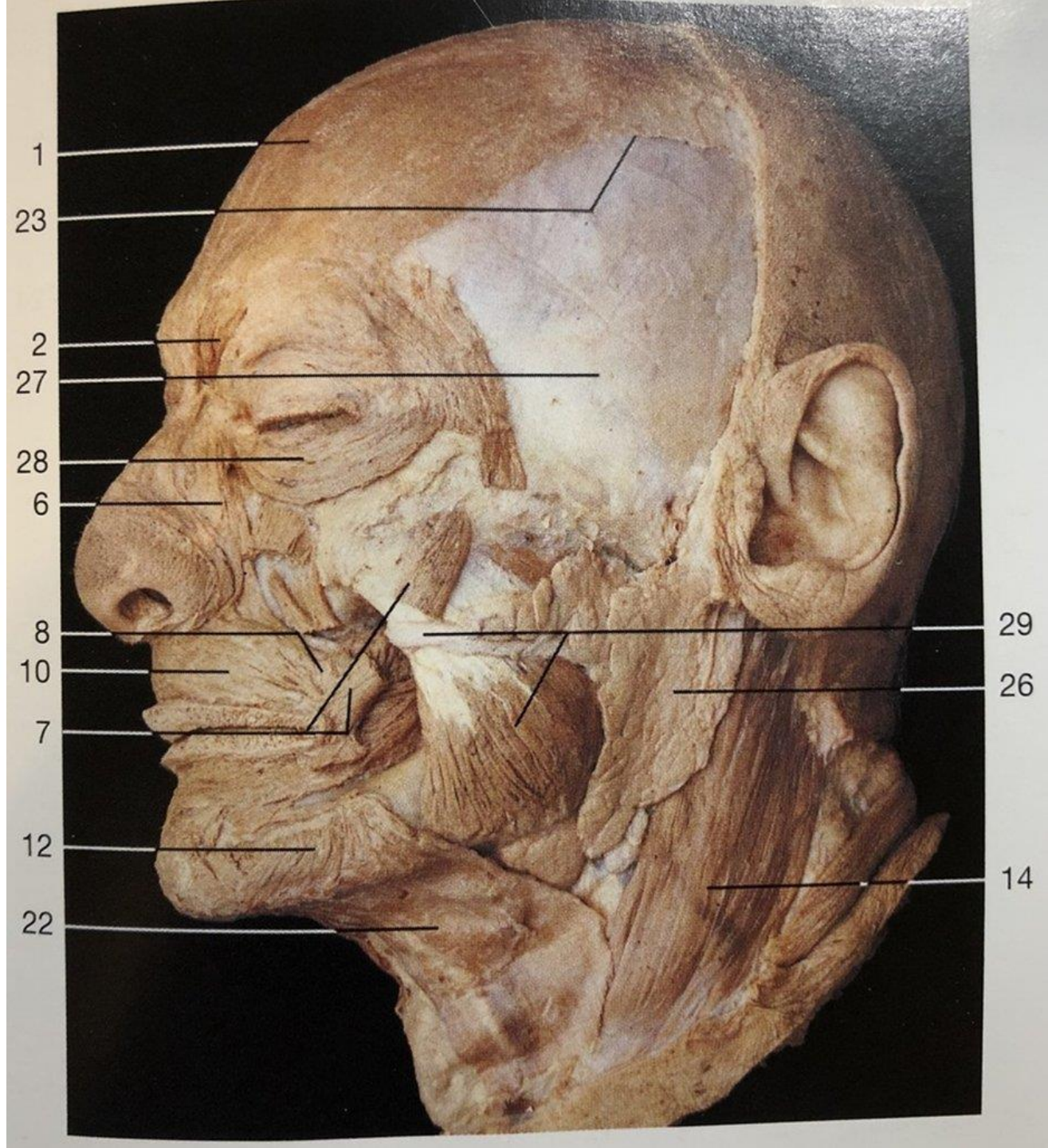
## MUSCULOSKELETAL SYSTEM

### Head and Neck Muscles

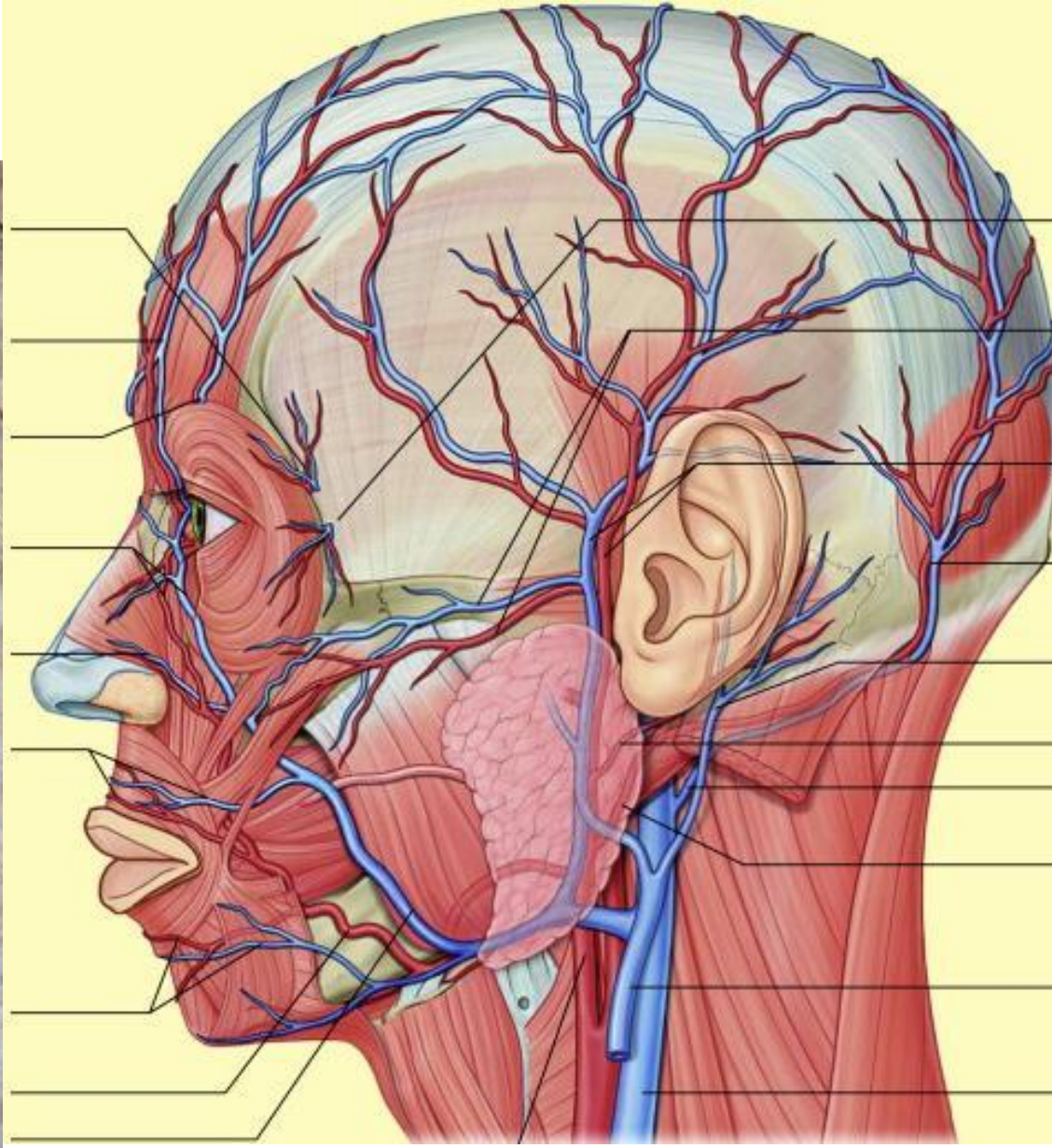


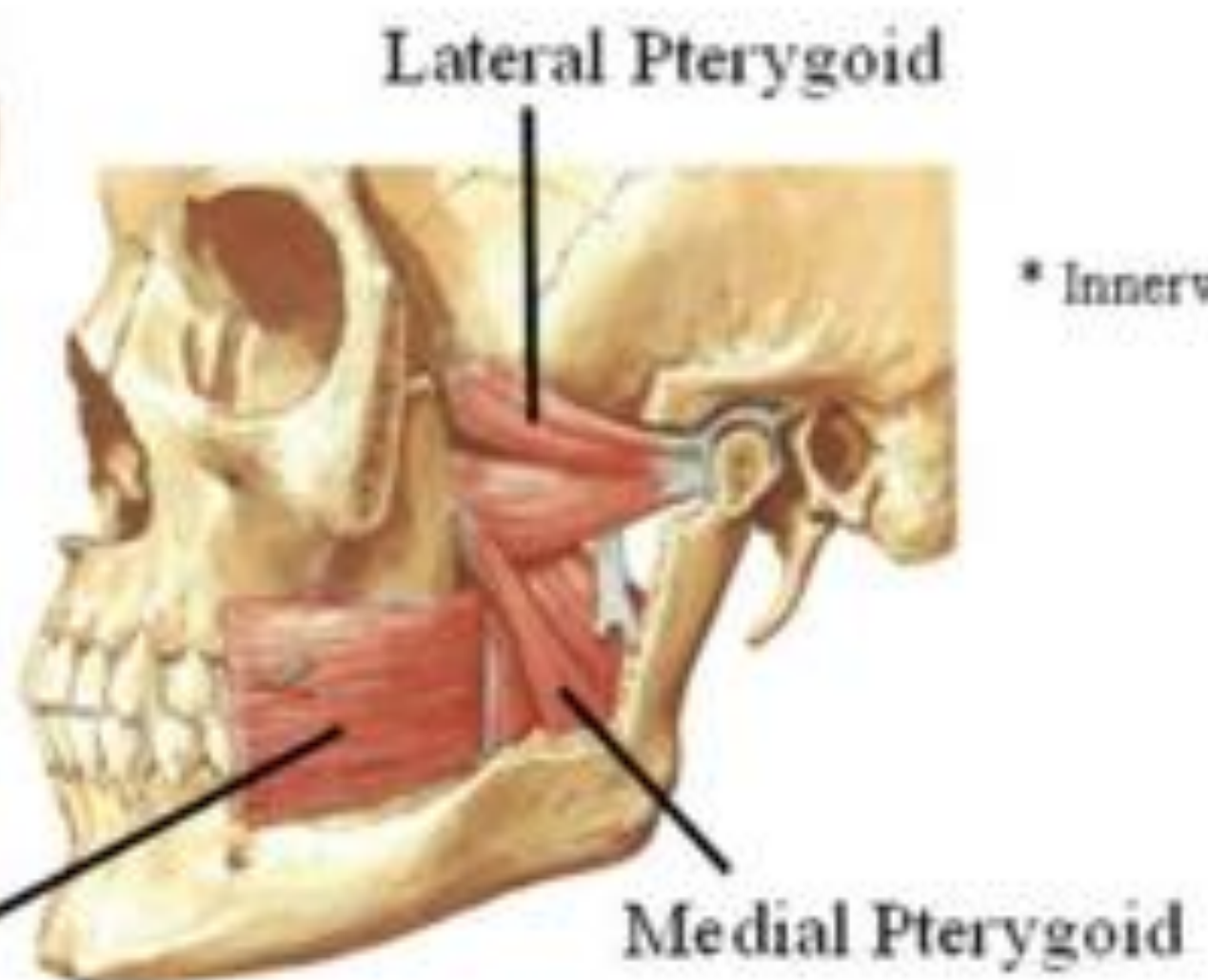
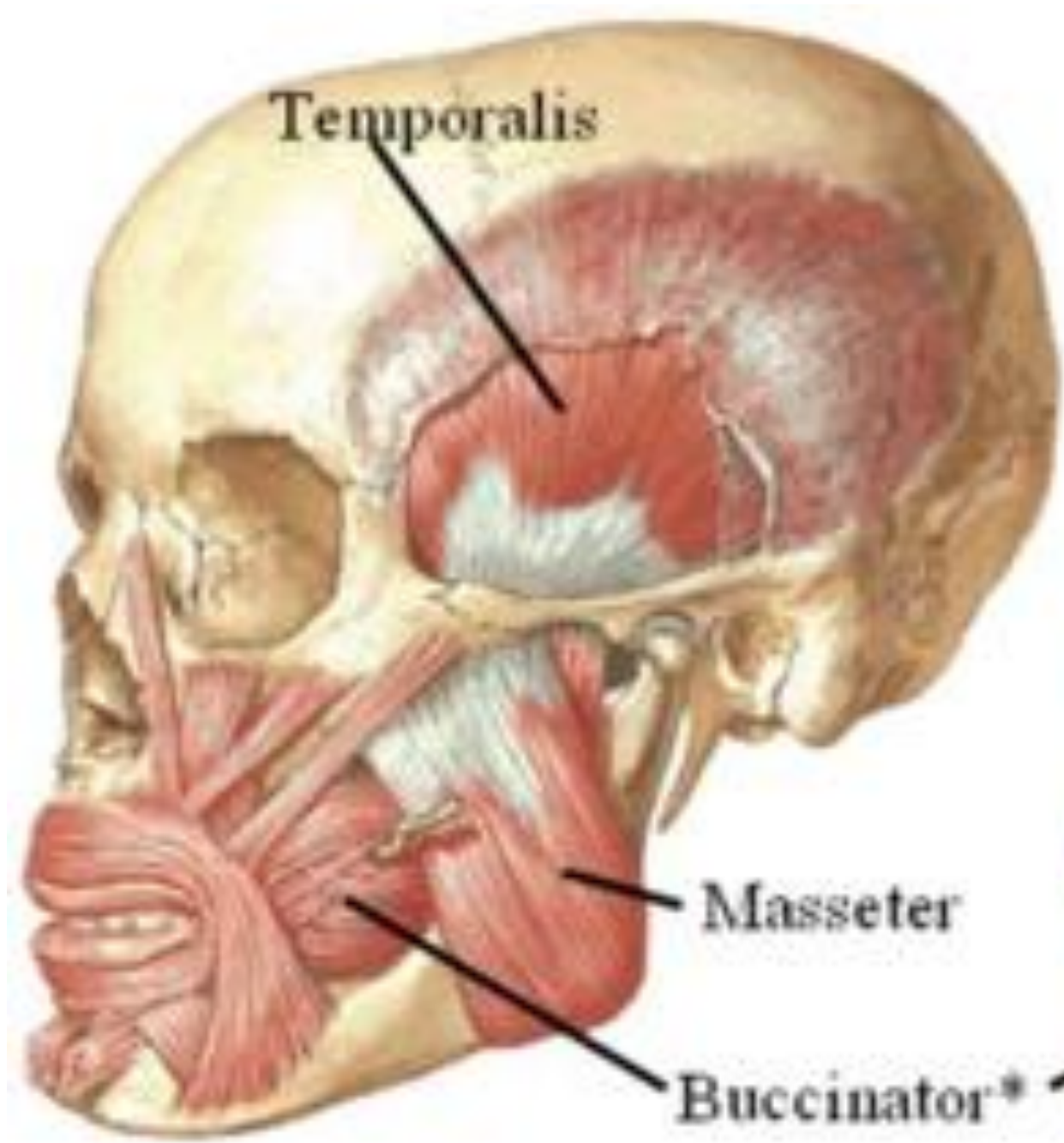
**Department of Anatomy**  
Second Faculty of Medicine  
Charles University

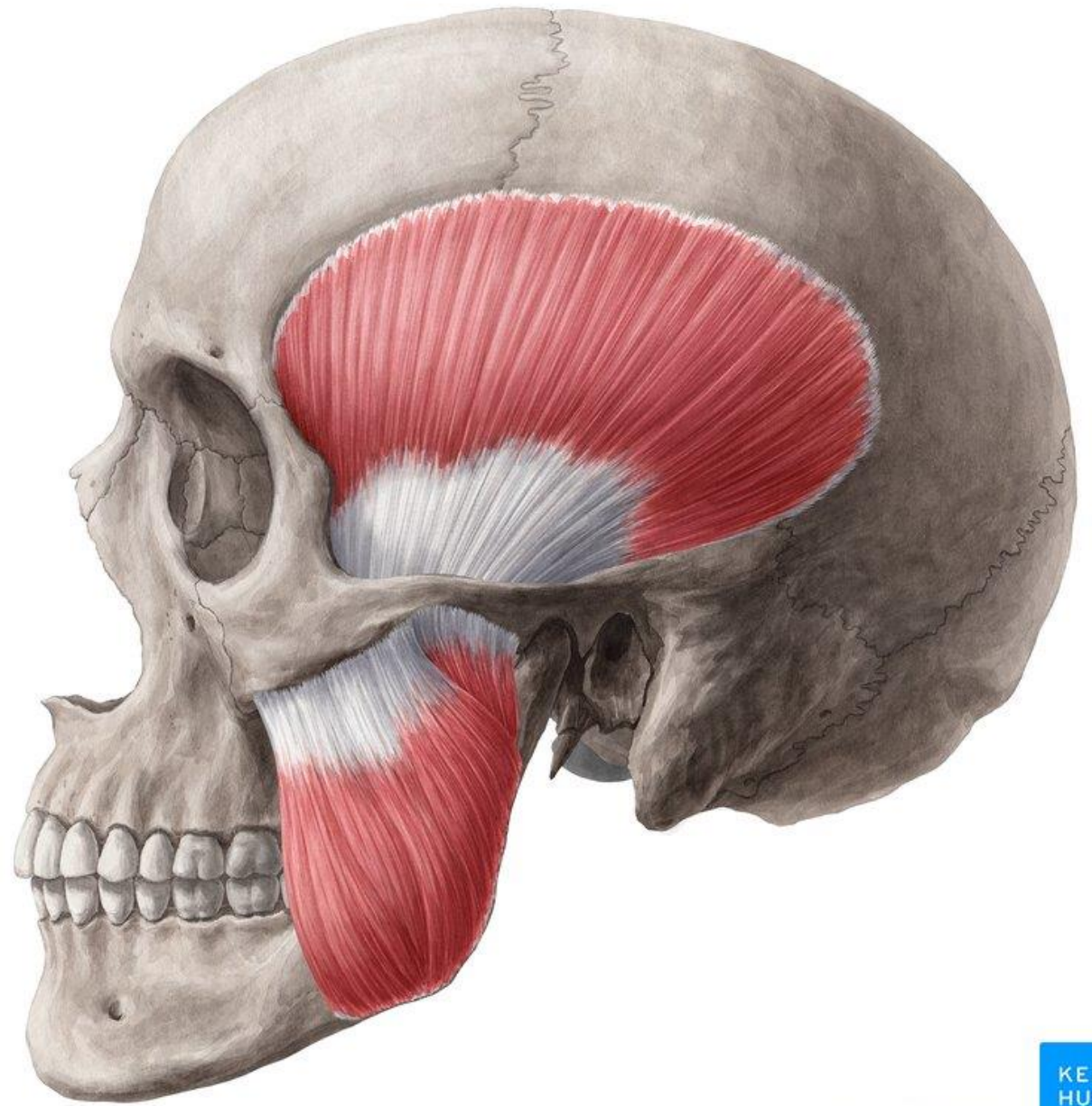
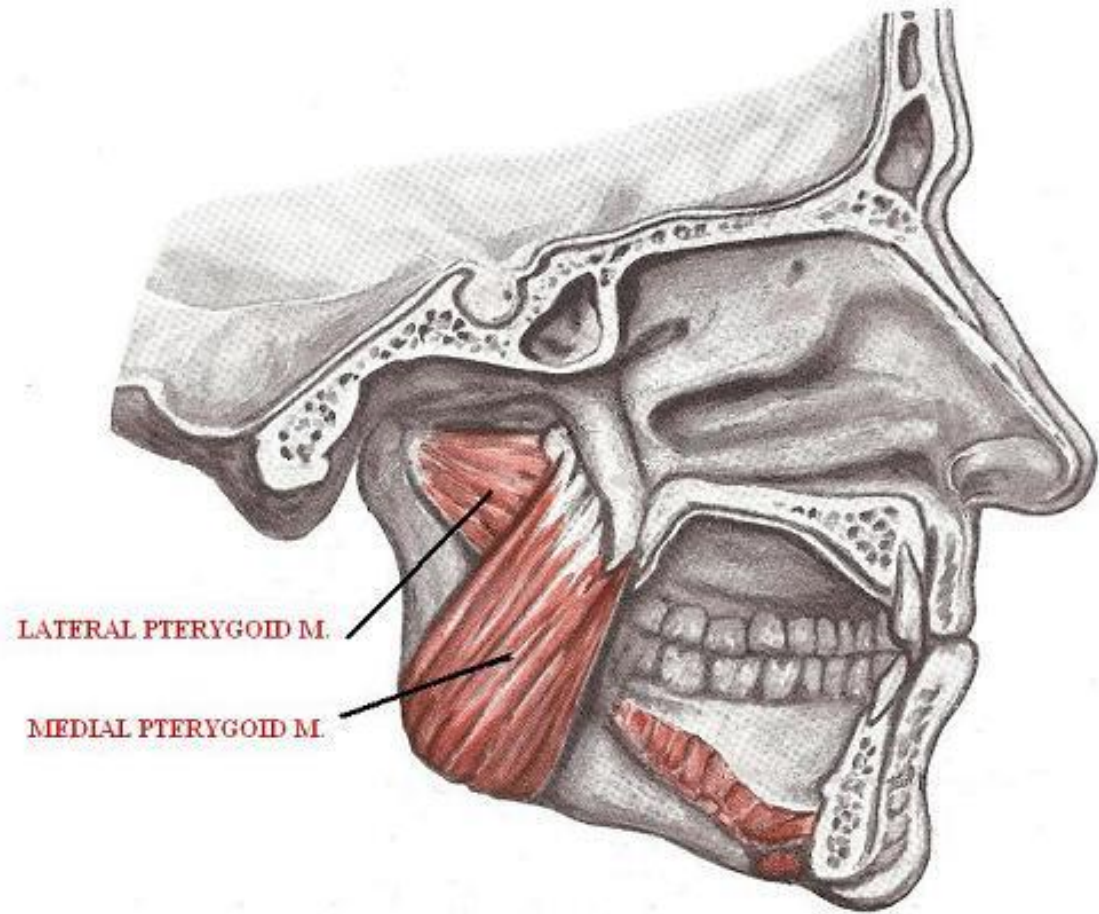
*MUDr. Azzat Al-Redouan*



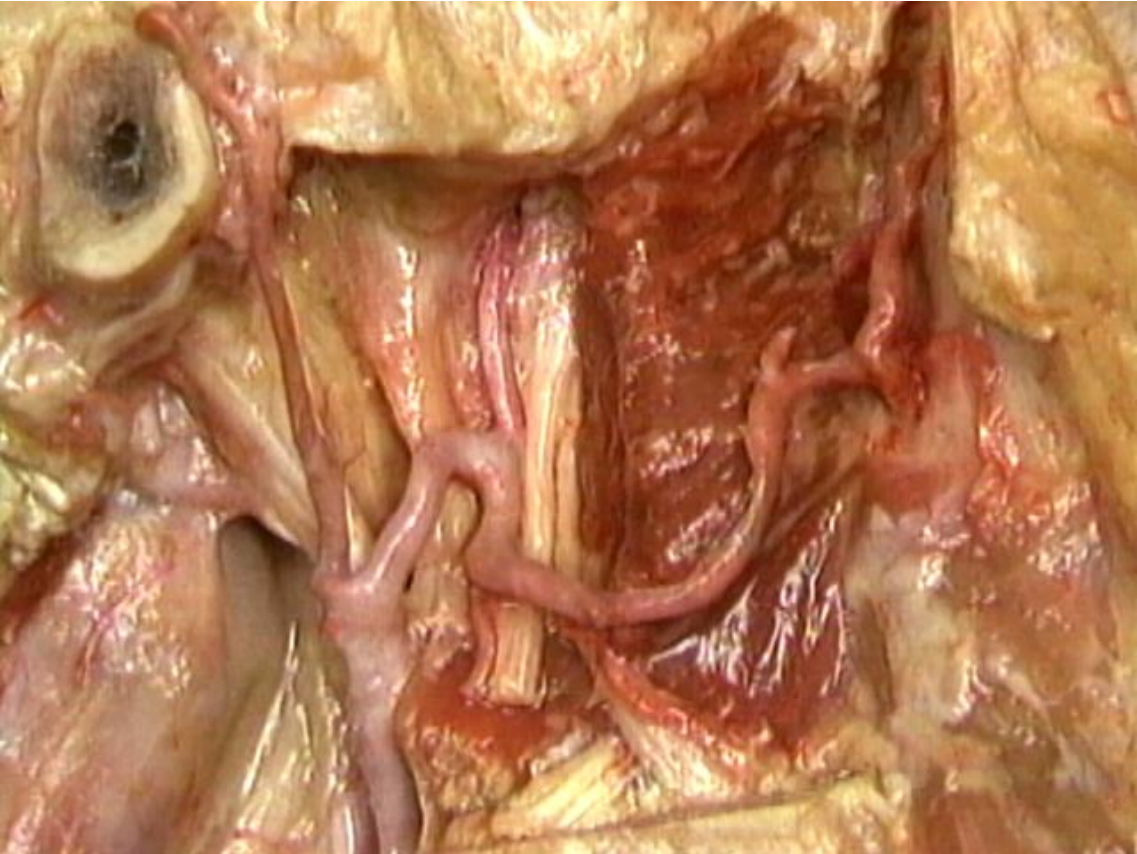


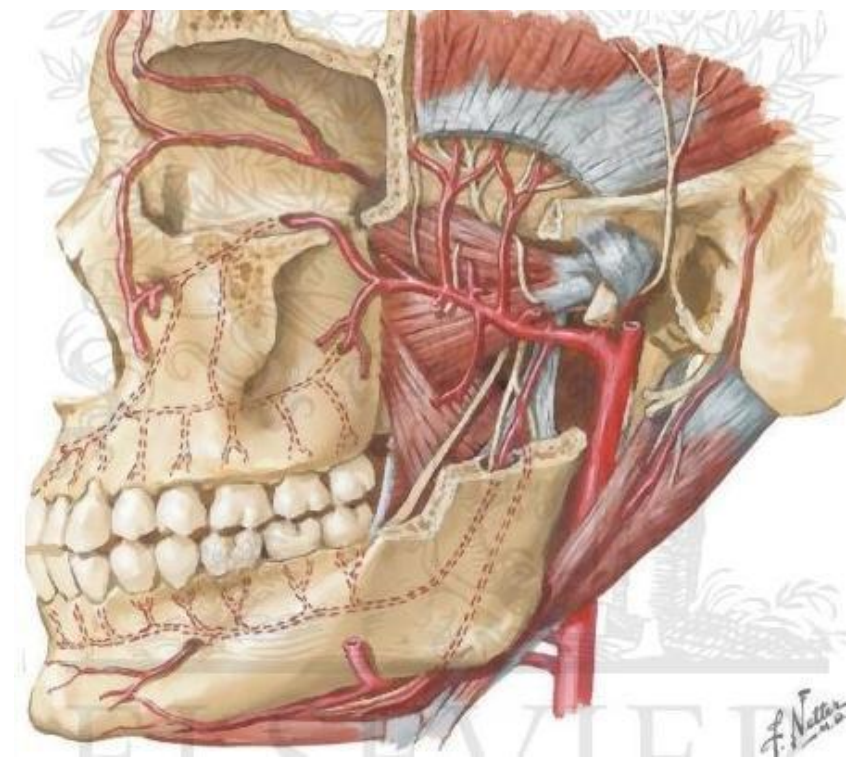
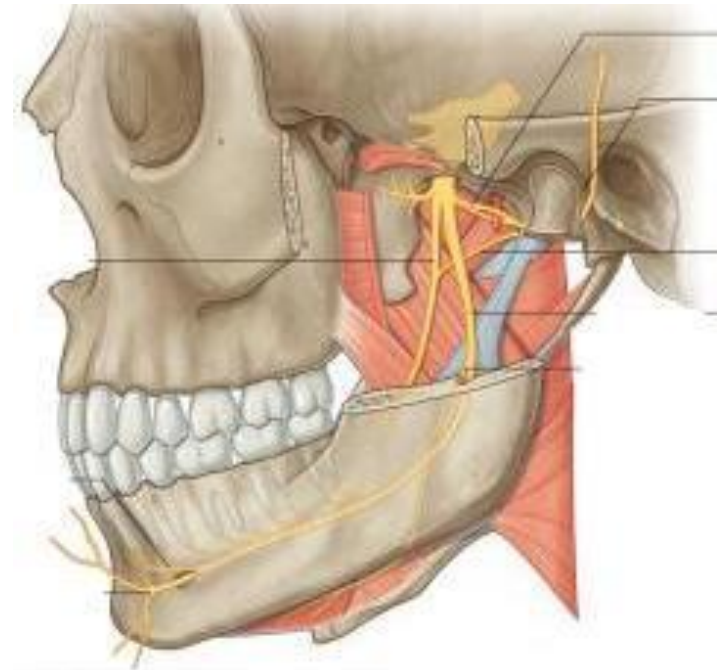
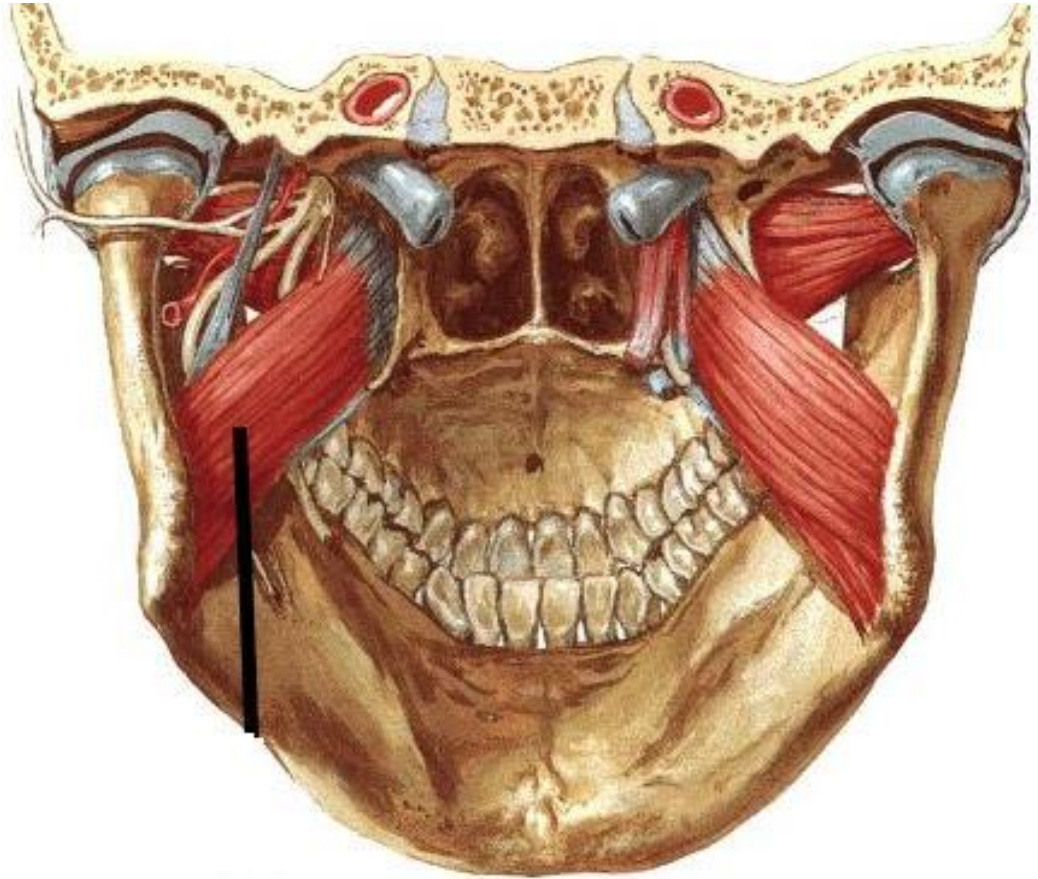




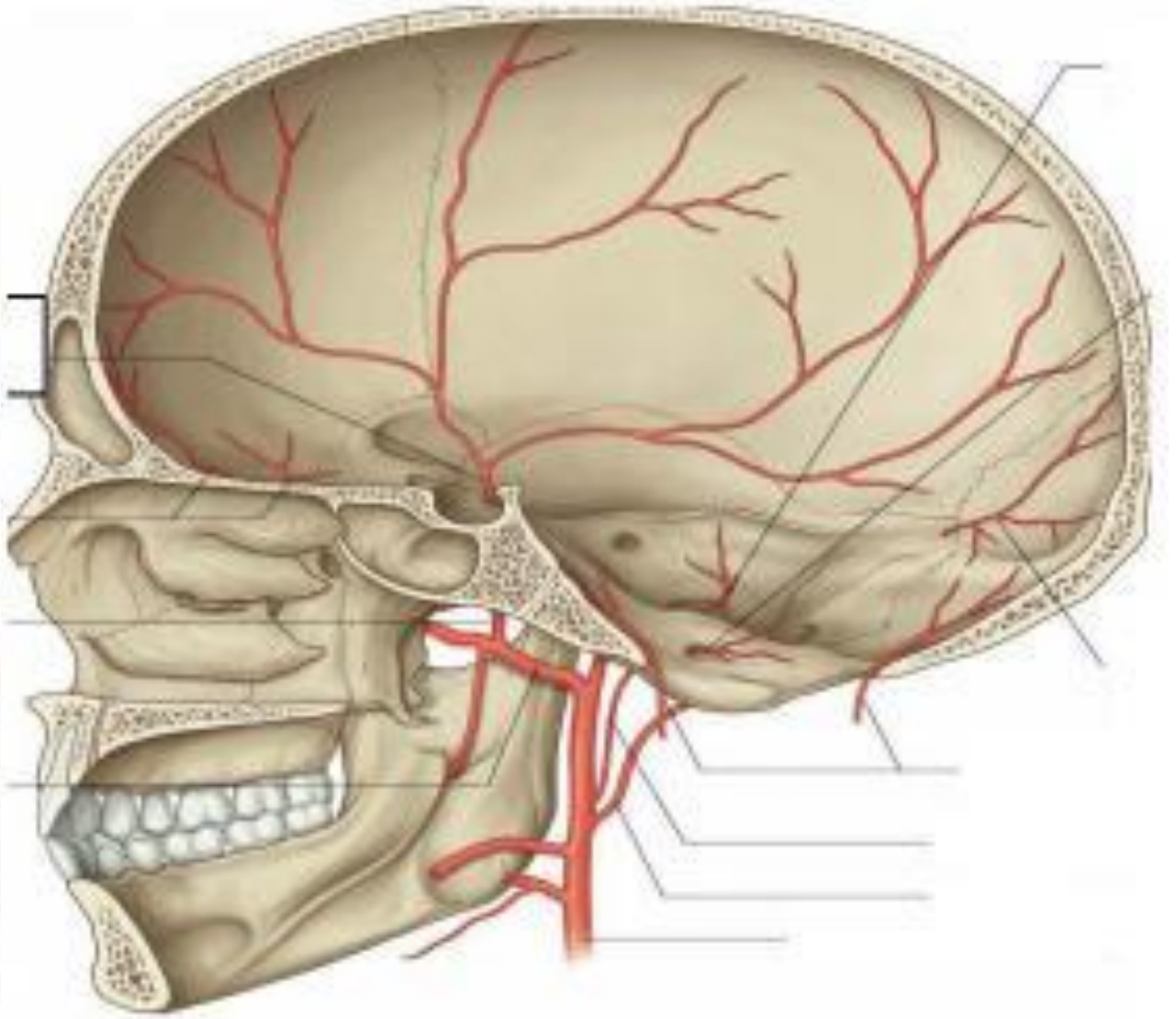


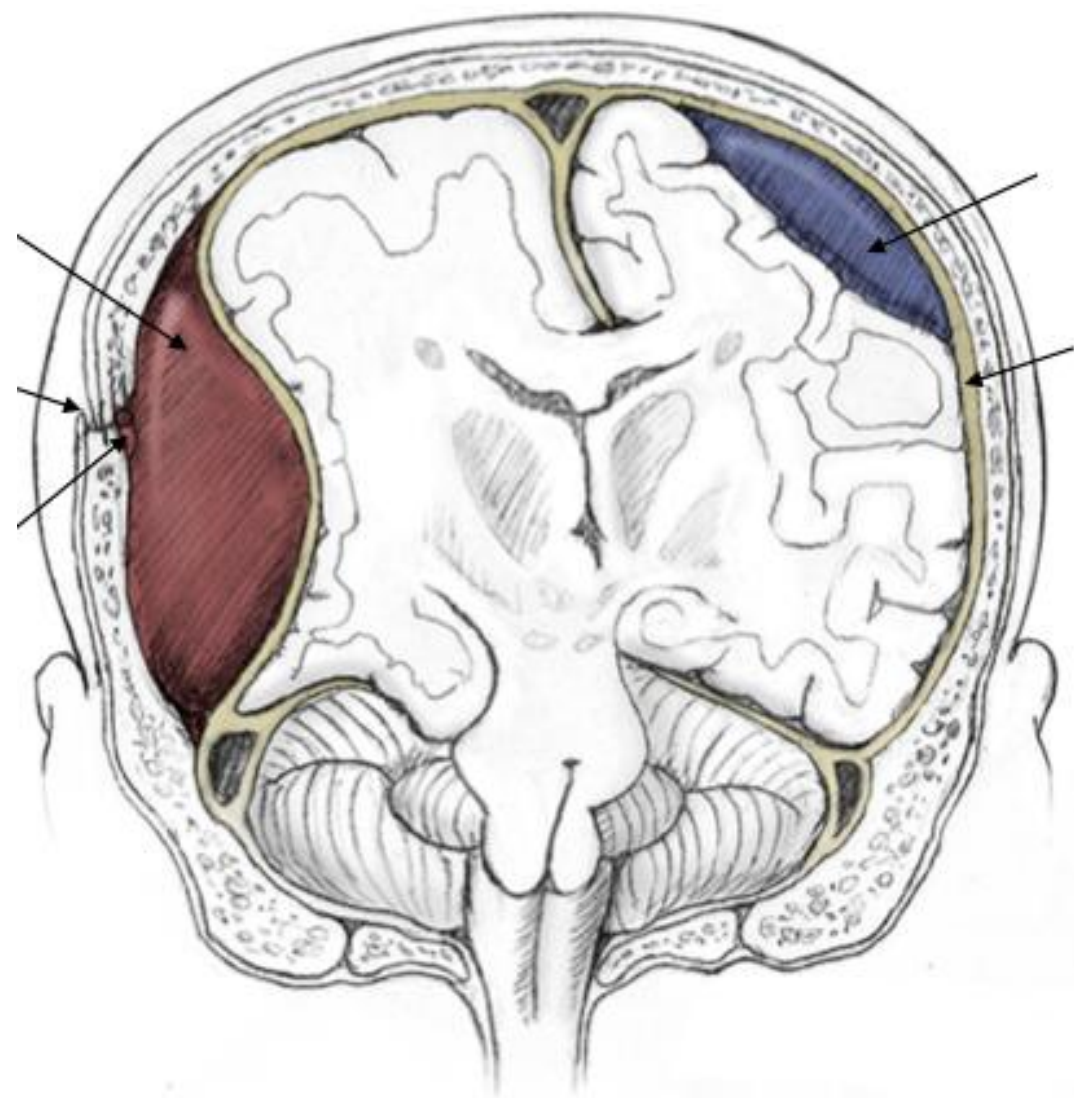
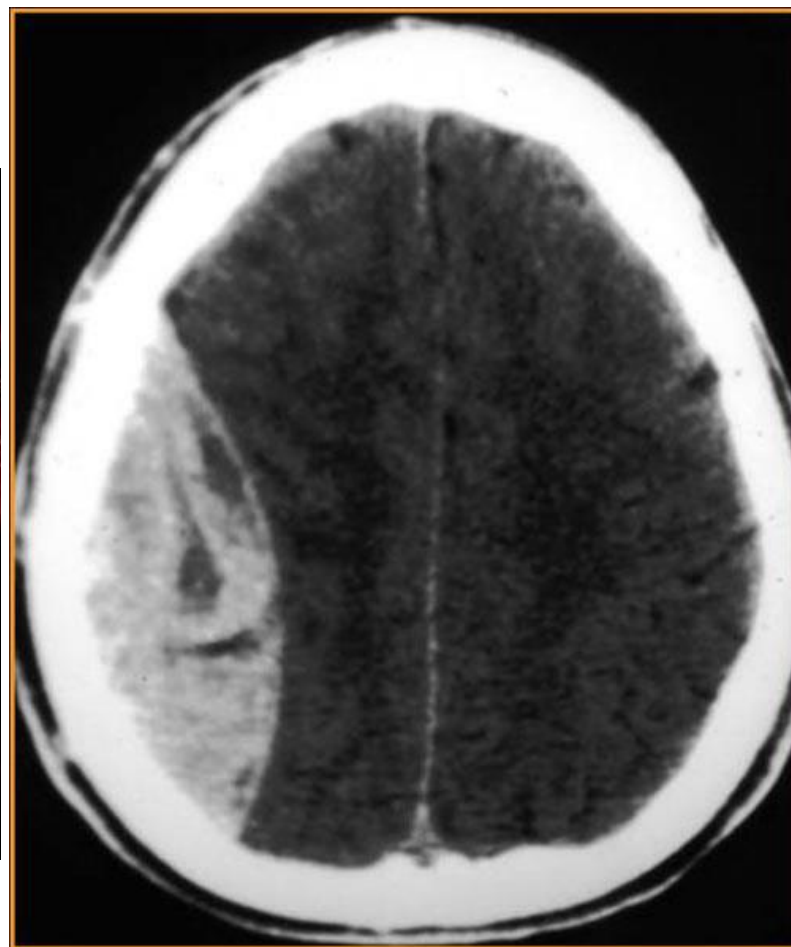
# Infratemporal Fossa / *Fossa infratemporalis*



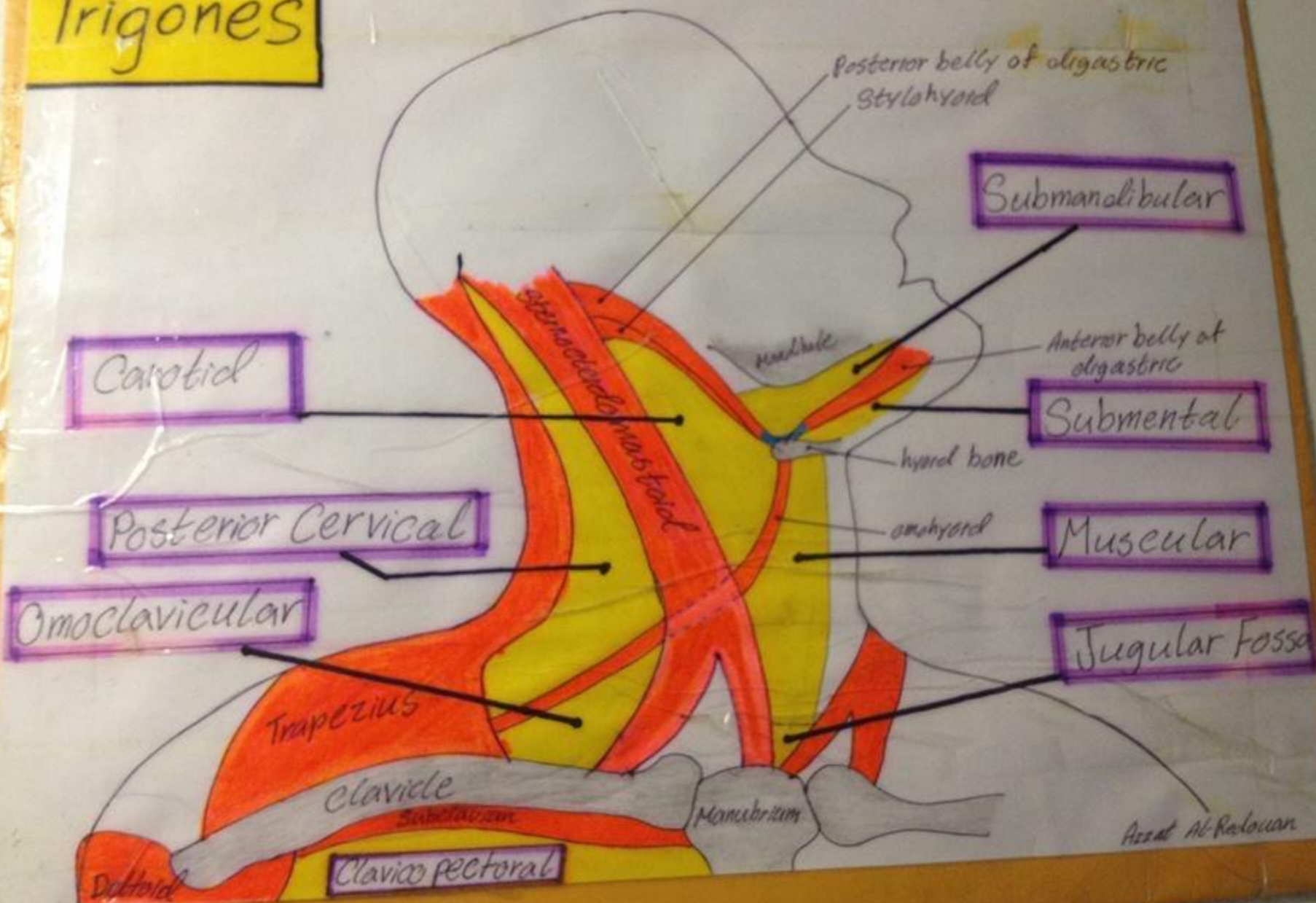




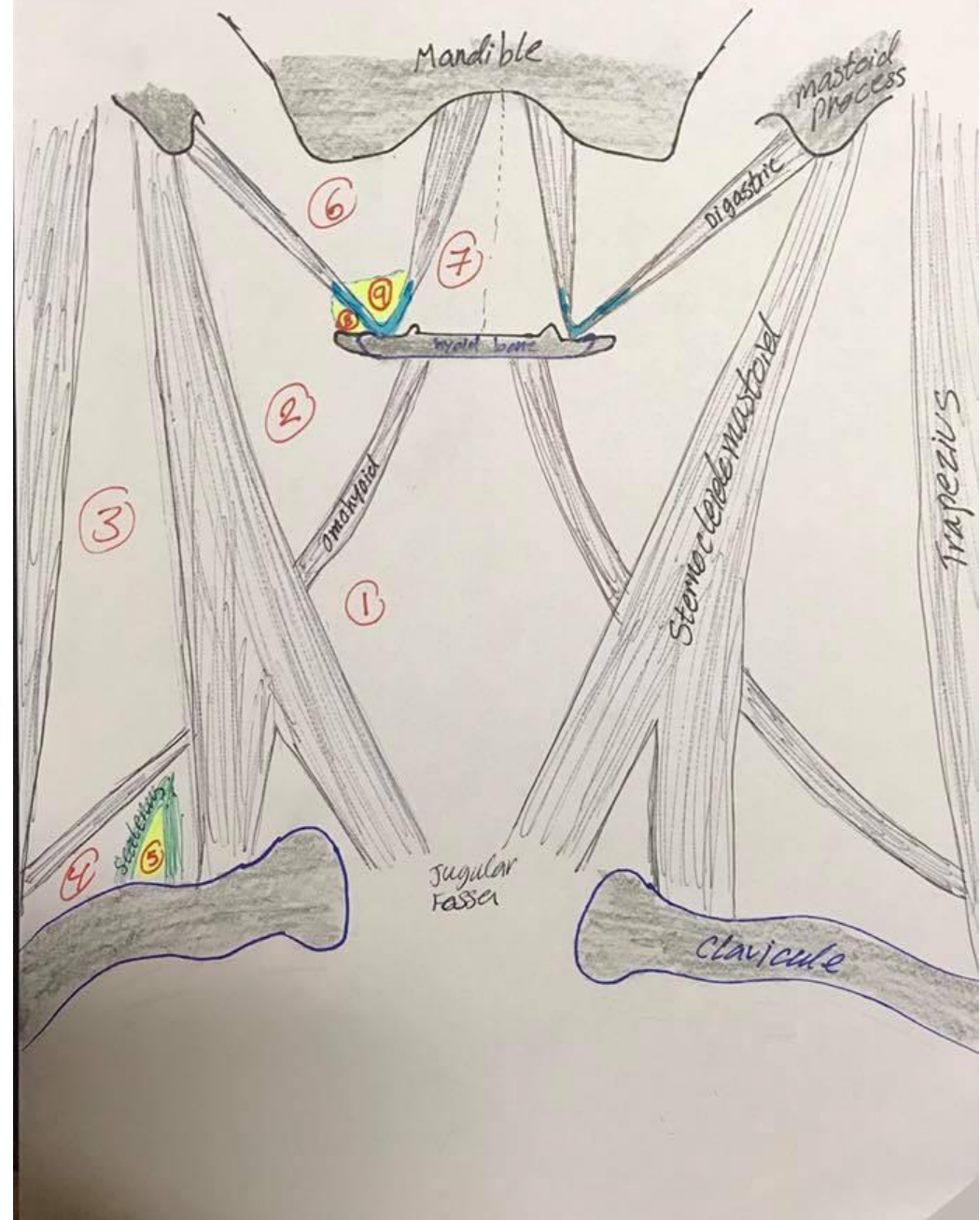
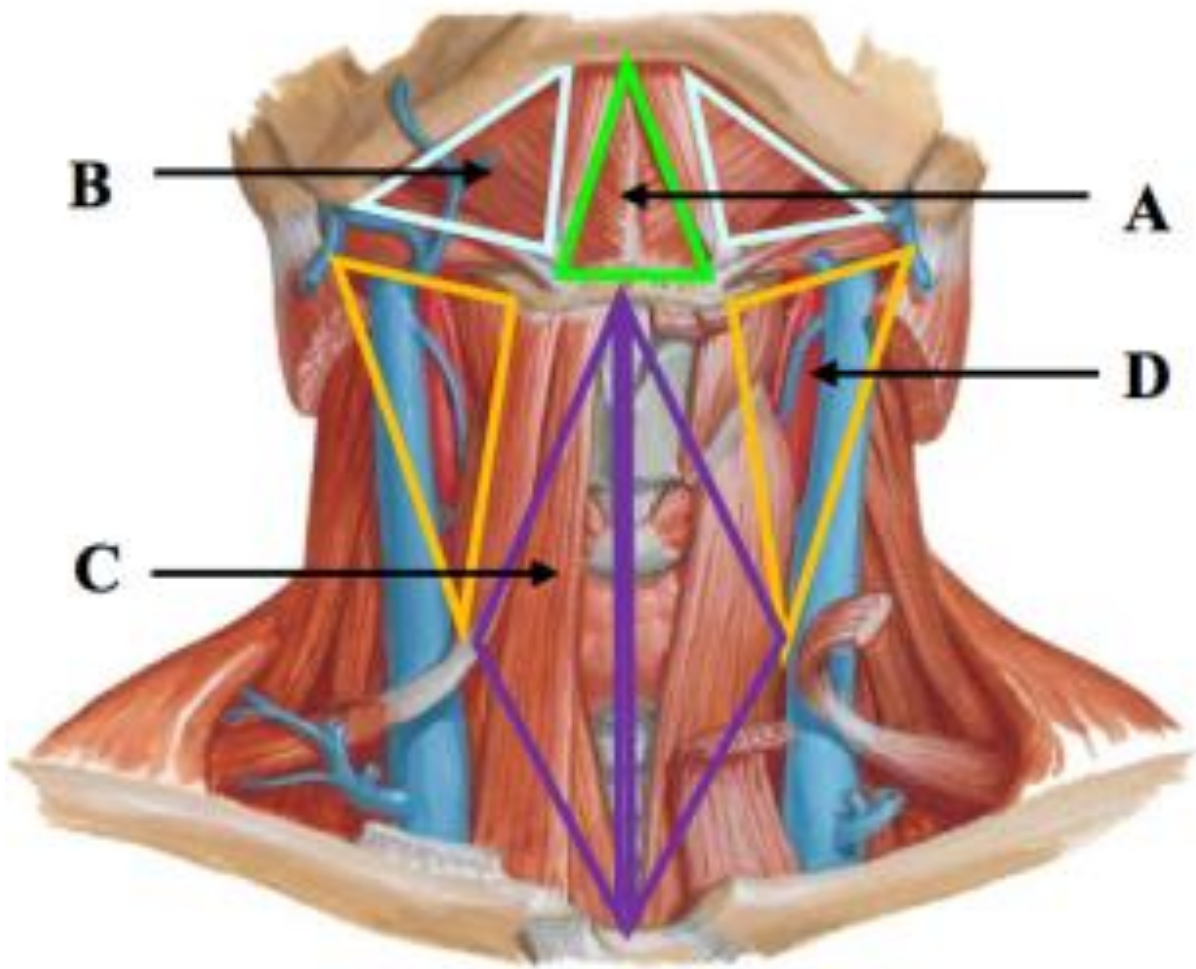




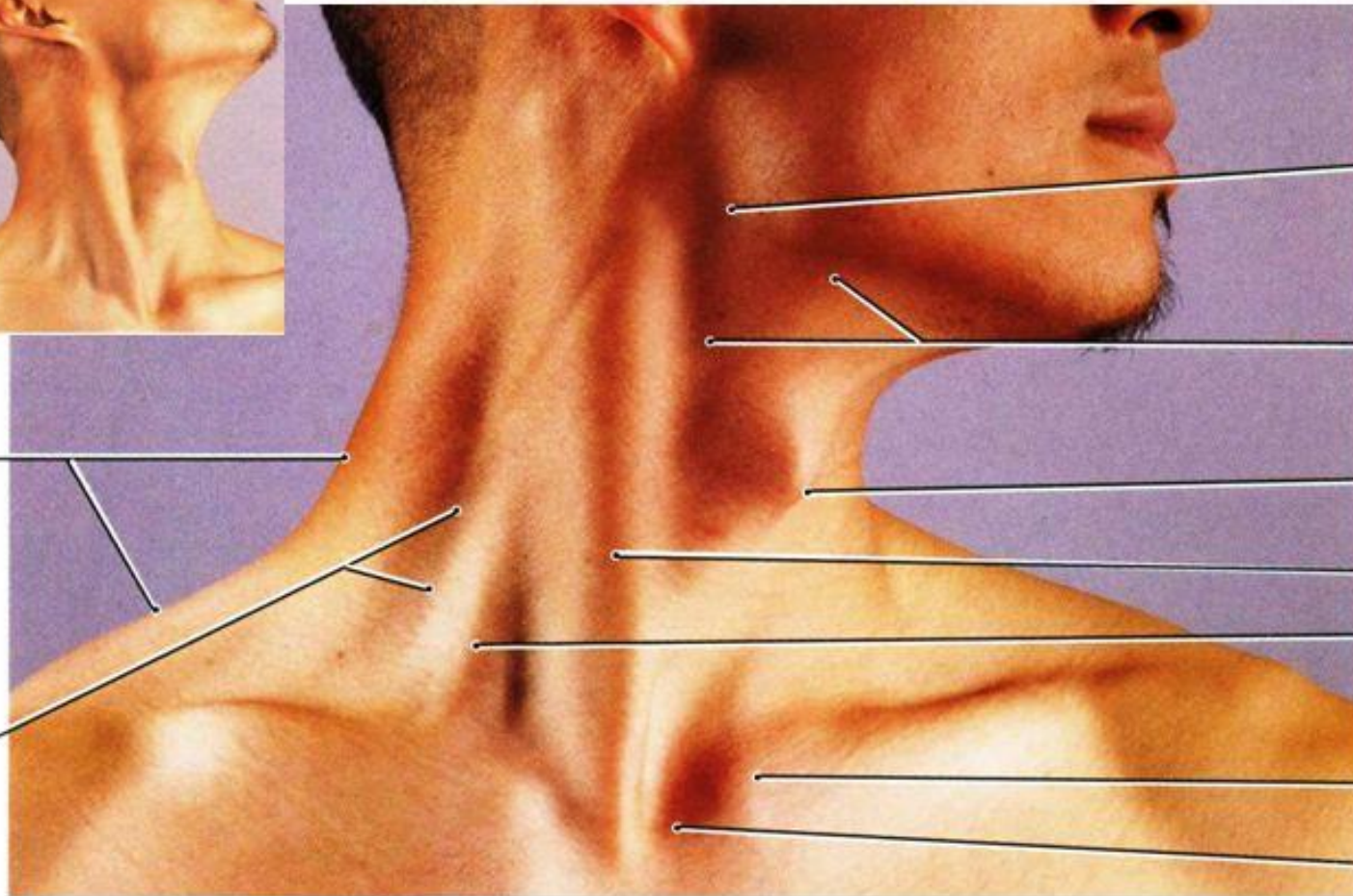
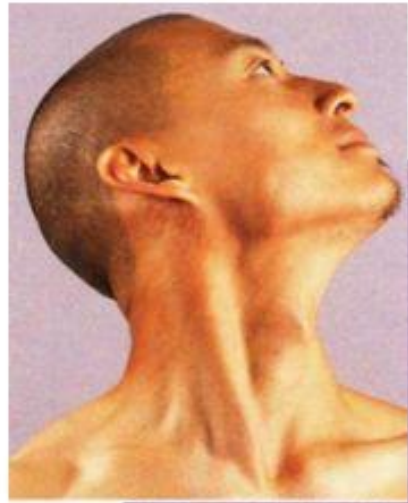
# Trigones



Azzat Al-Radwan



# SURFACE ANATOMY OF THE NECK



Angle of mandible

**Anterior cervical region**  
(anterior triangle)

Laryngeal prominence

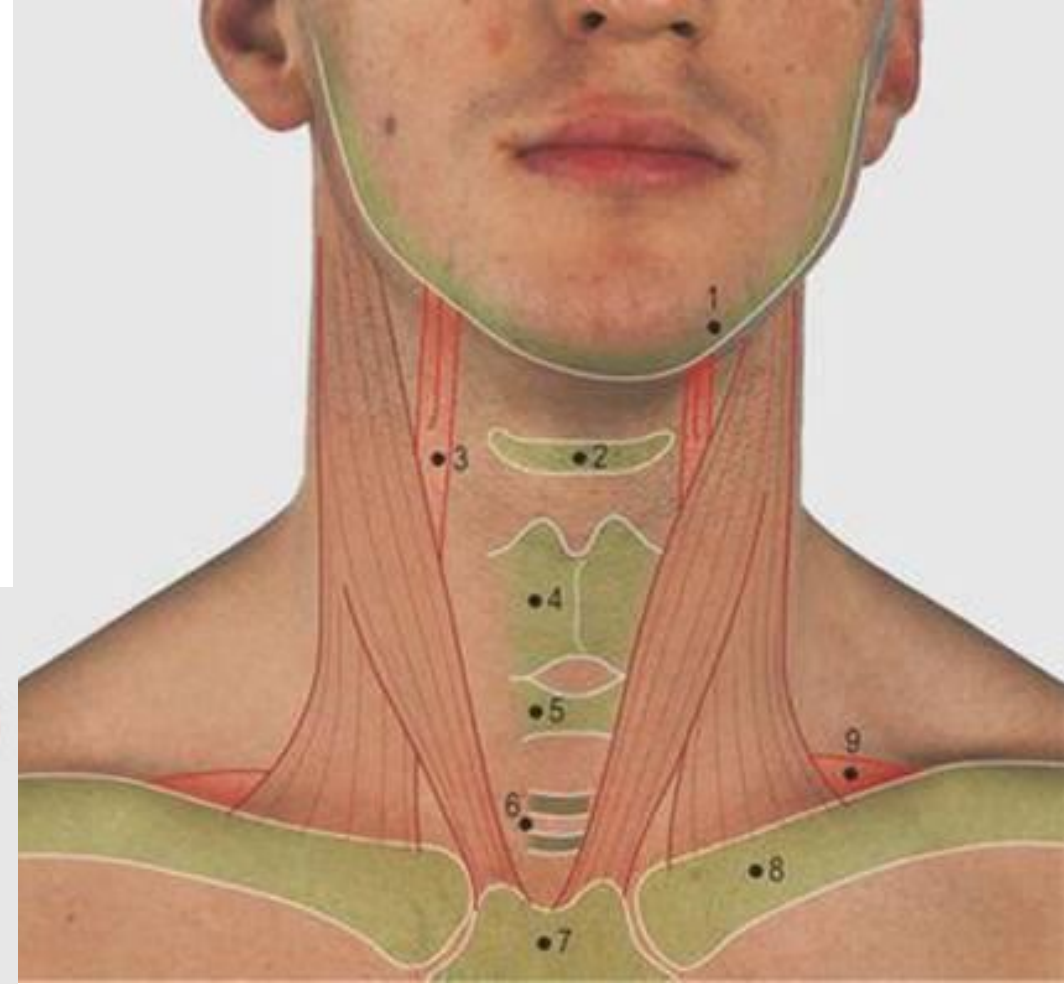
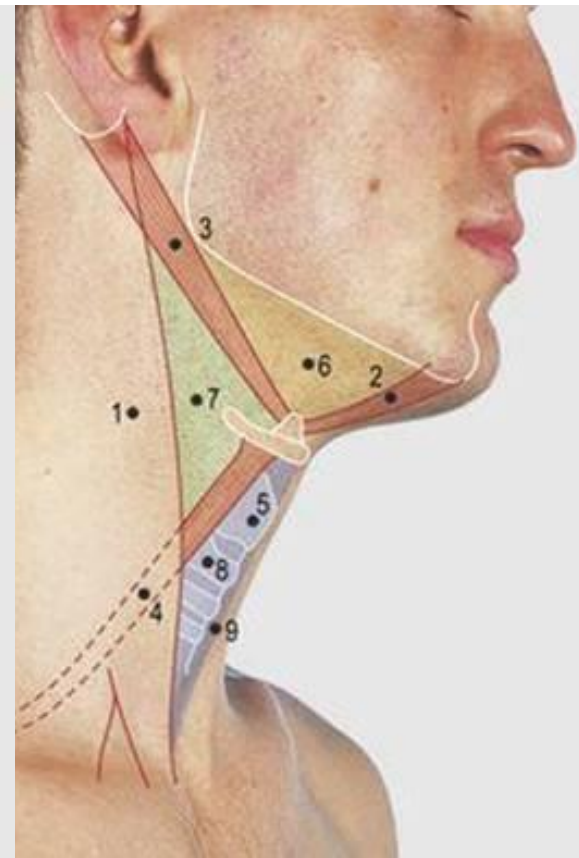
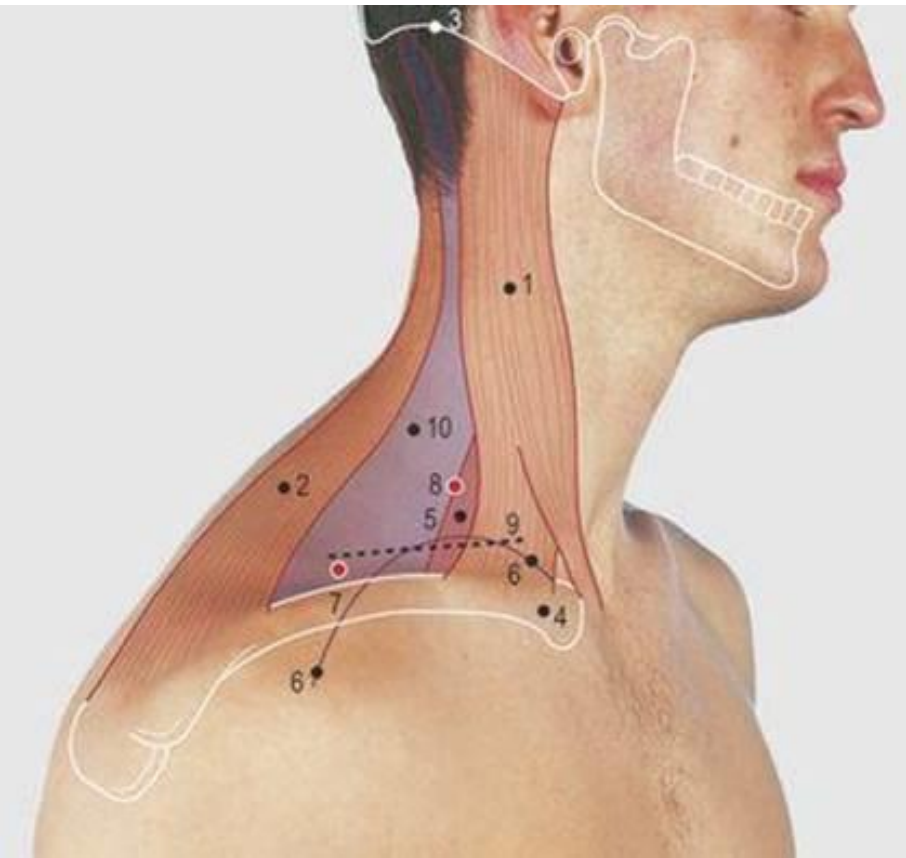
Sternal head } **Sternocleido**  
Clavicular head } **mastoid**

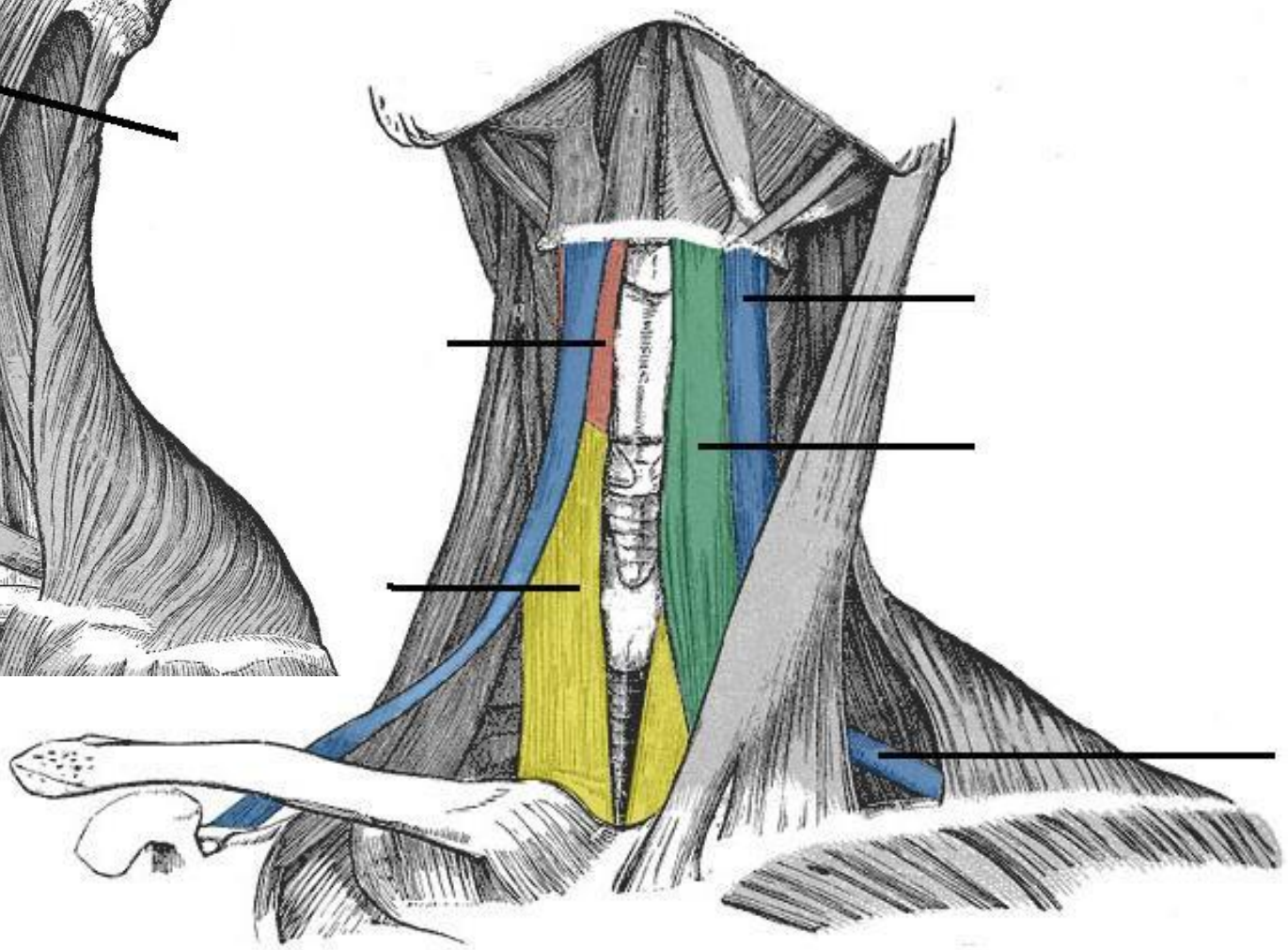
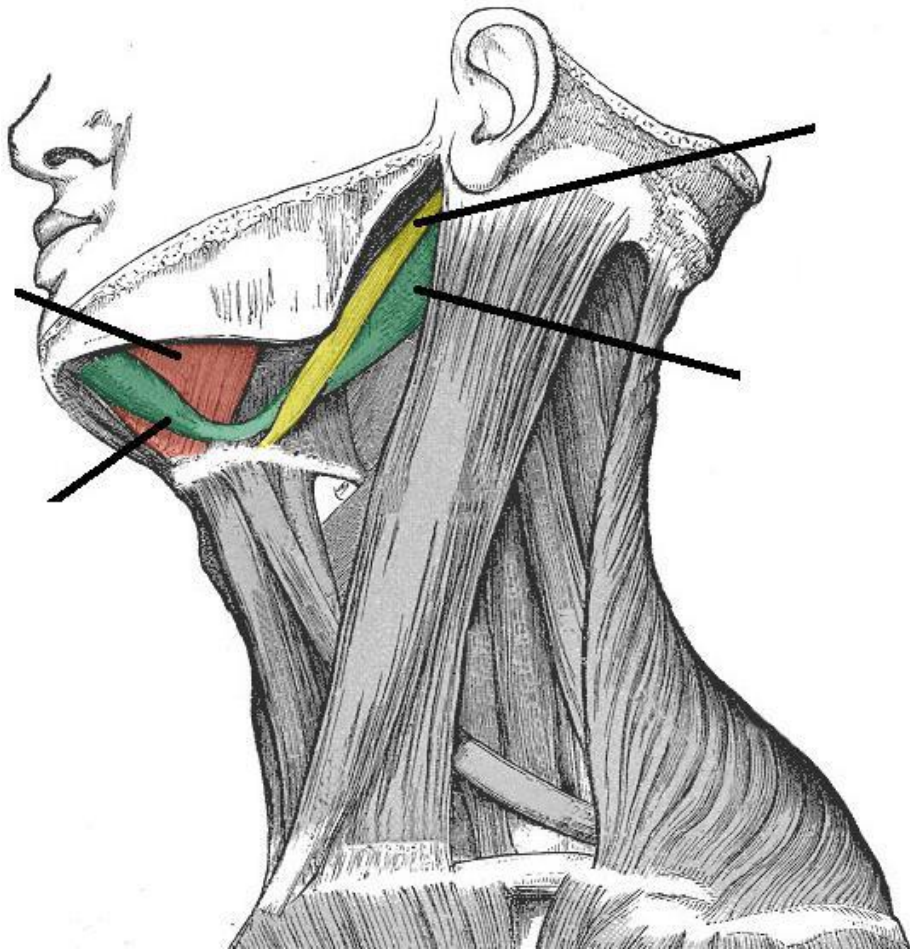
Sternal end of clavicle

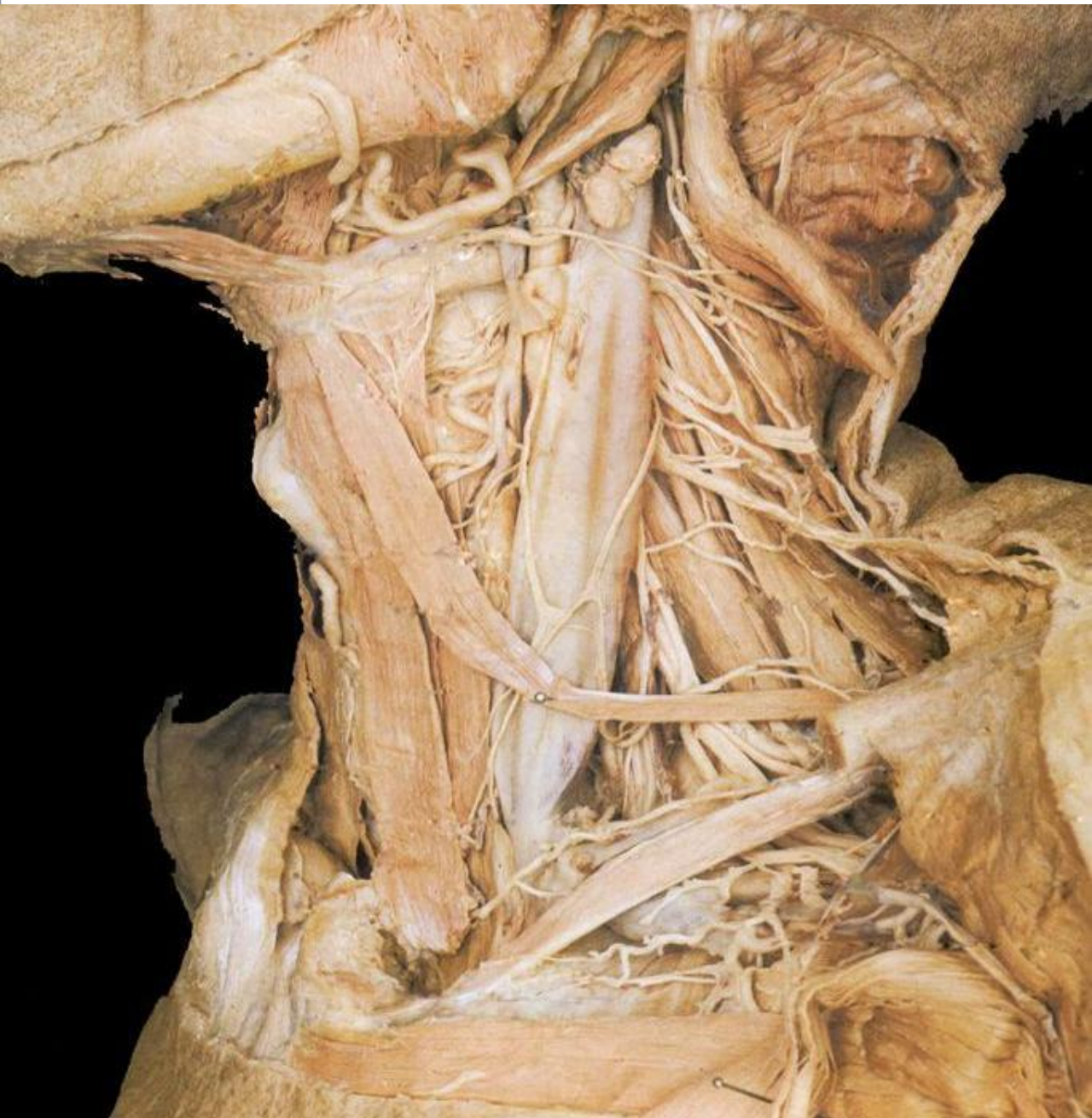
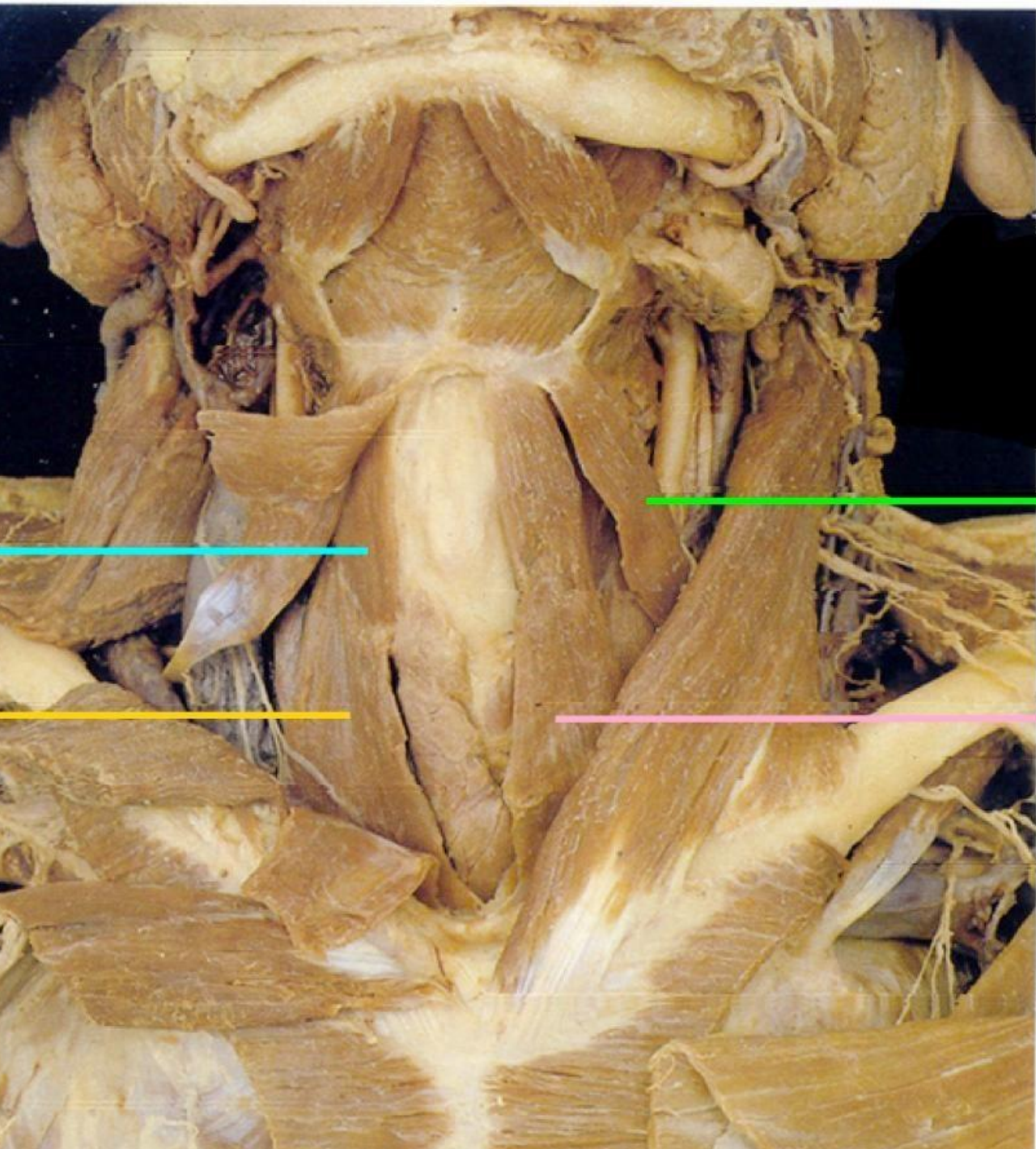
Jugular notch

Descending part  
of trapezius

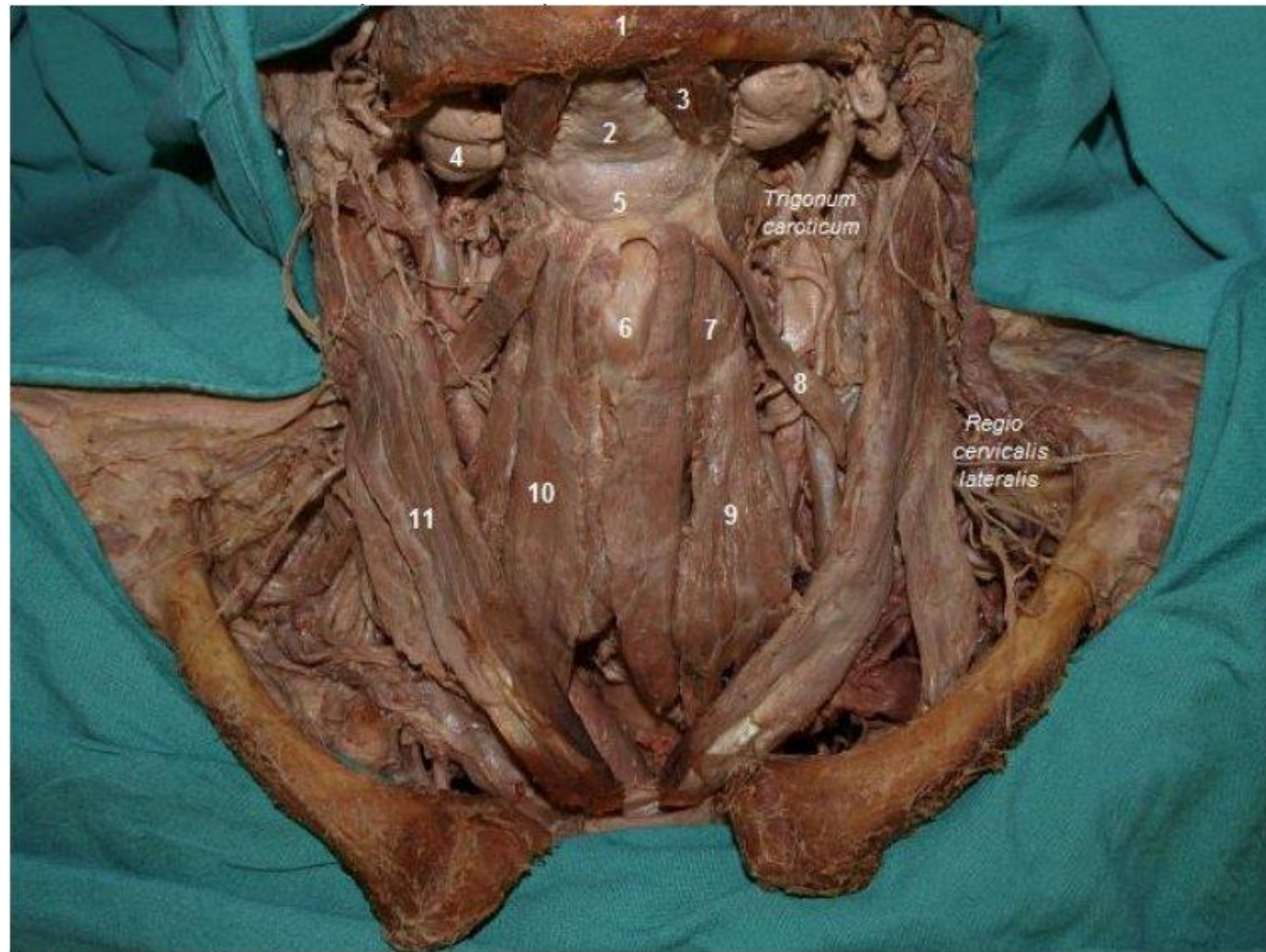
**Lateral cervical  
region**  
(posterior triangle)







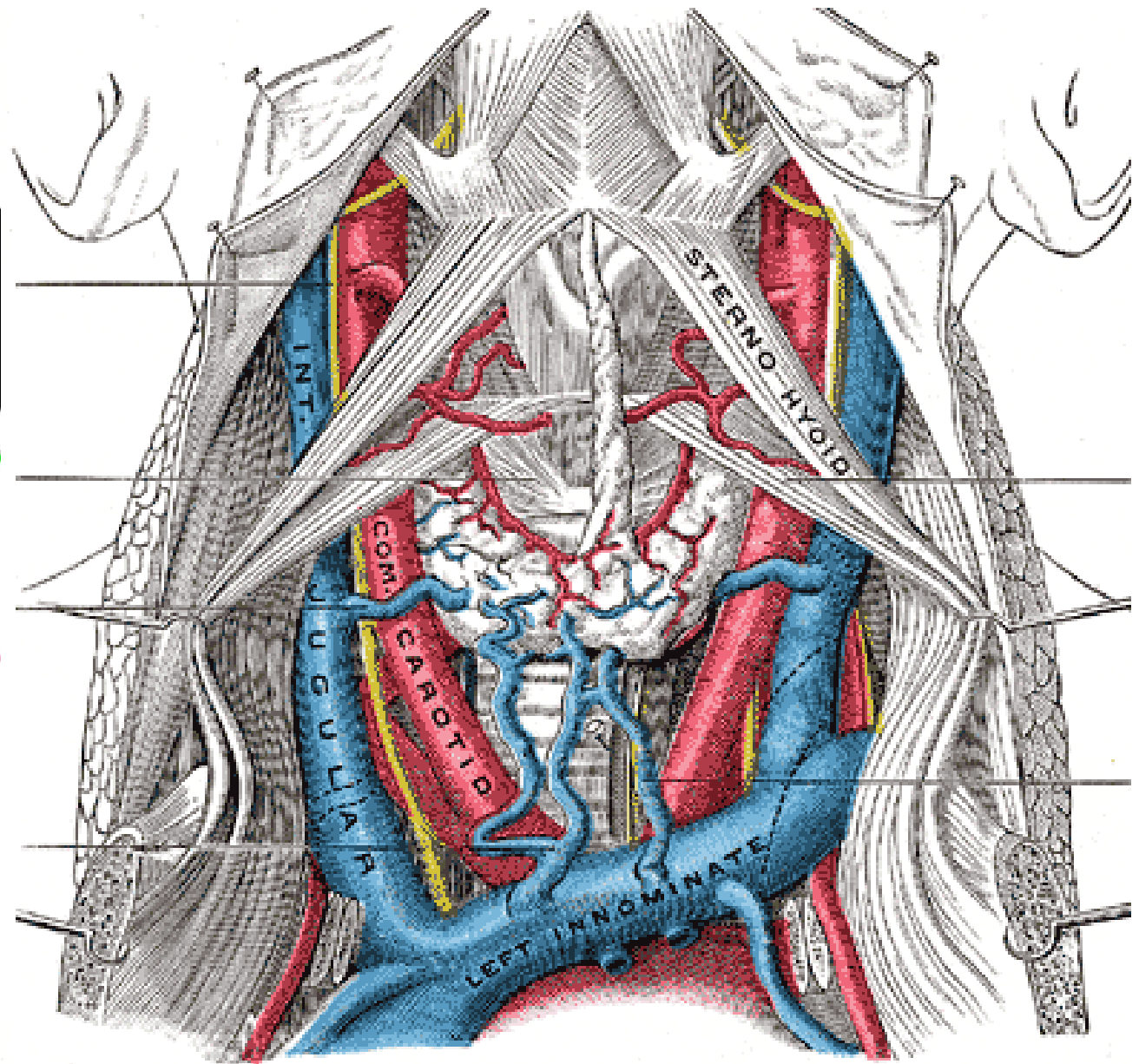
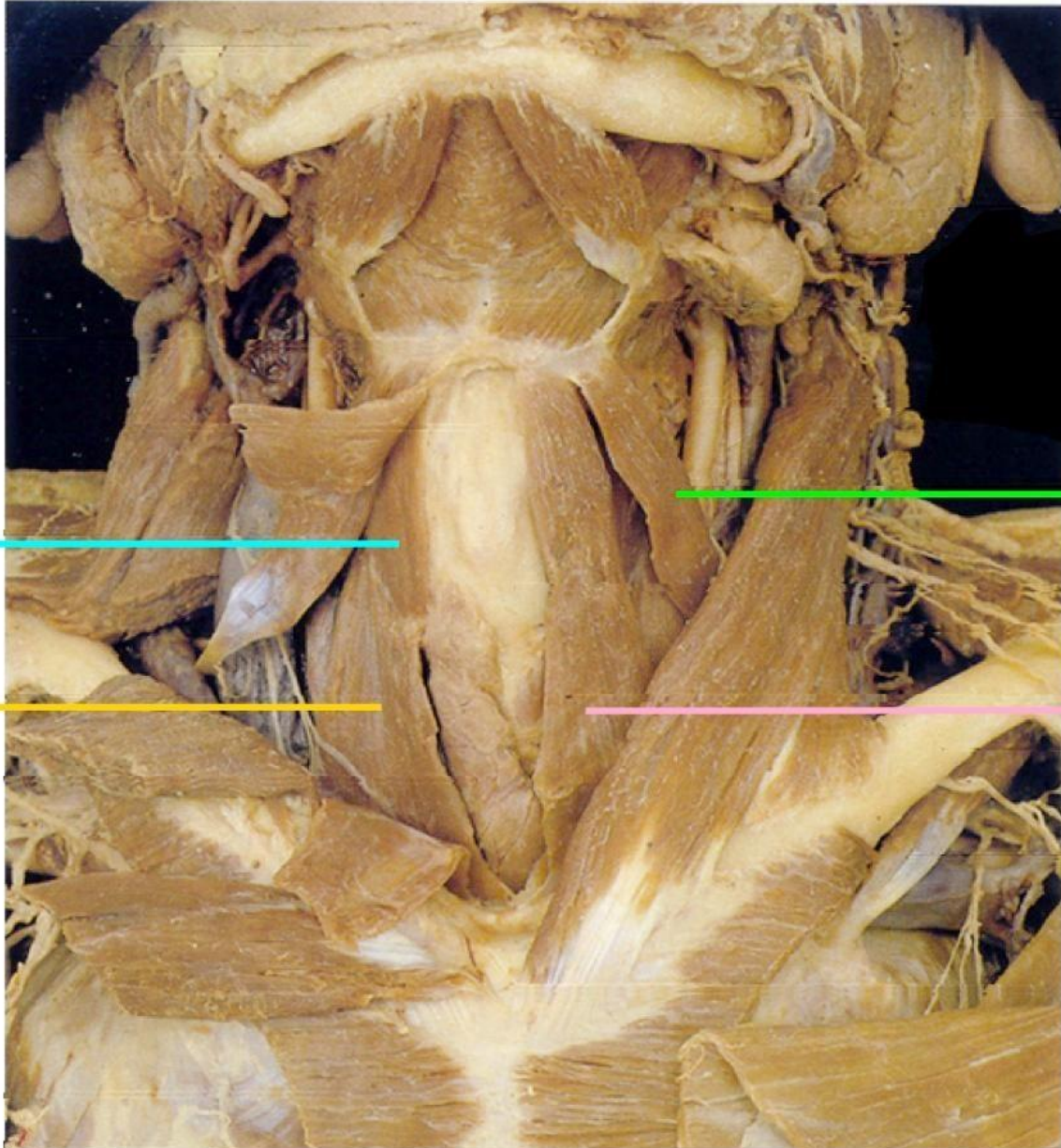




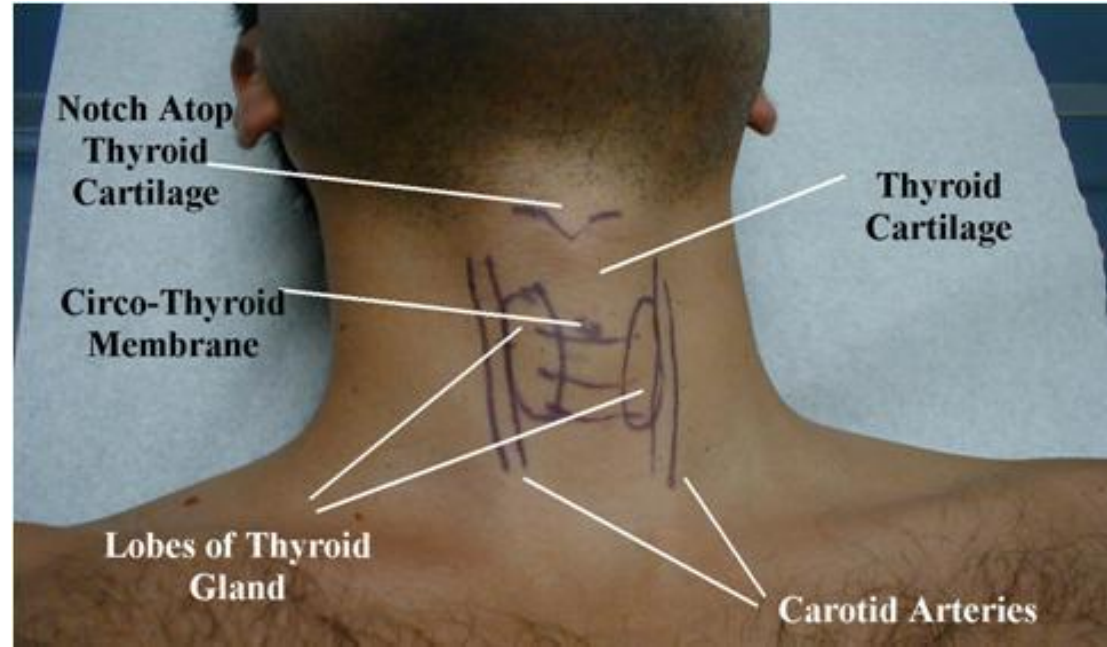
- 1 – mandibula
- 2 – m. mylohyoideus
- 3 – venter anterior m. digastrici
- 5 – os hyoideum
- 6 – cartilago thyroidea

- 7 – m. thyrohyoideus
- 8 – m. omohyoideus
- 9 – m. sternothyroideus
- 10 – m. sternohyoideus

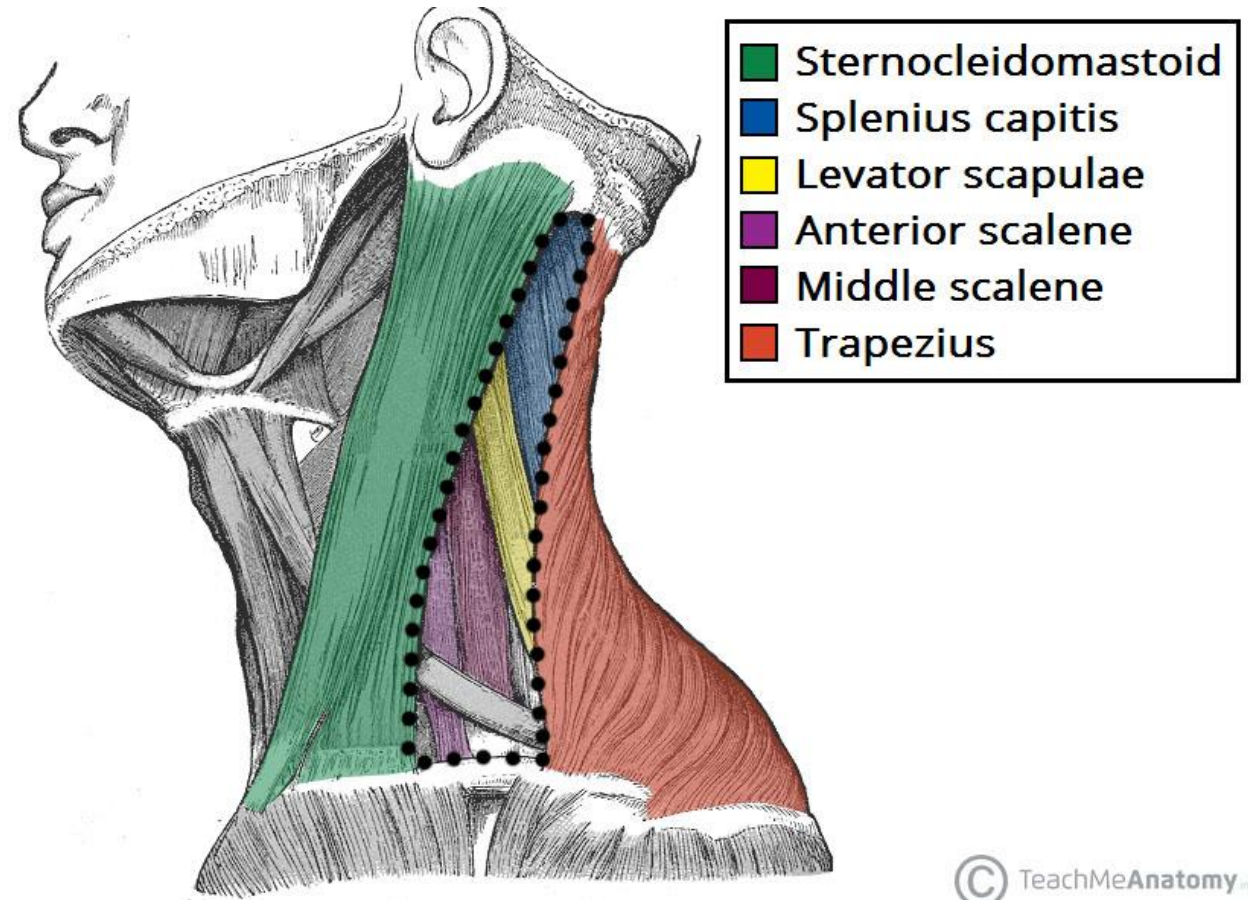
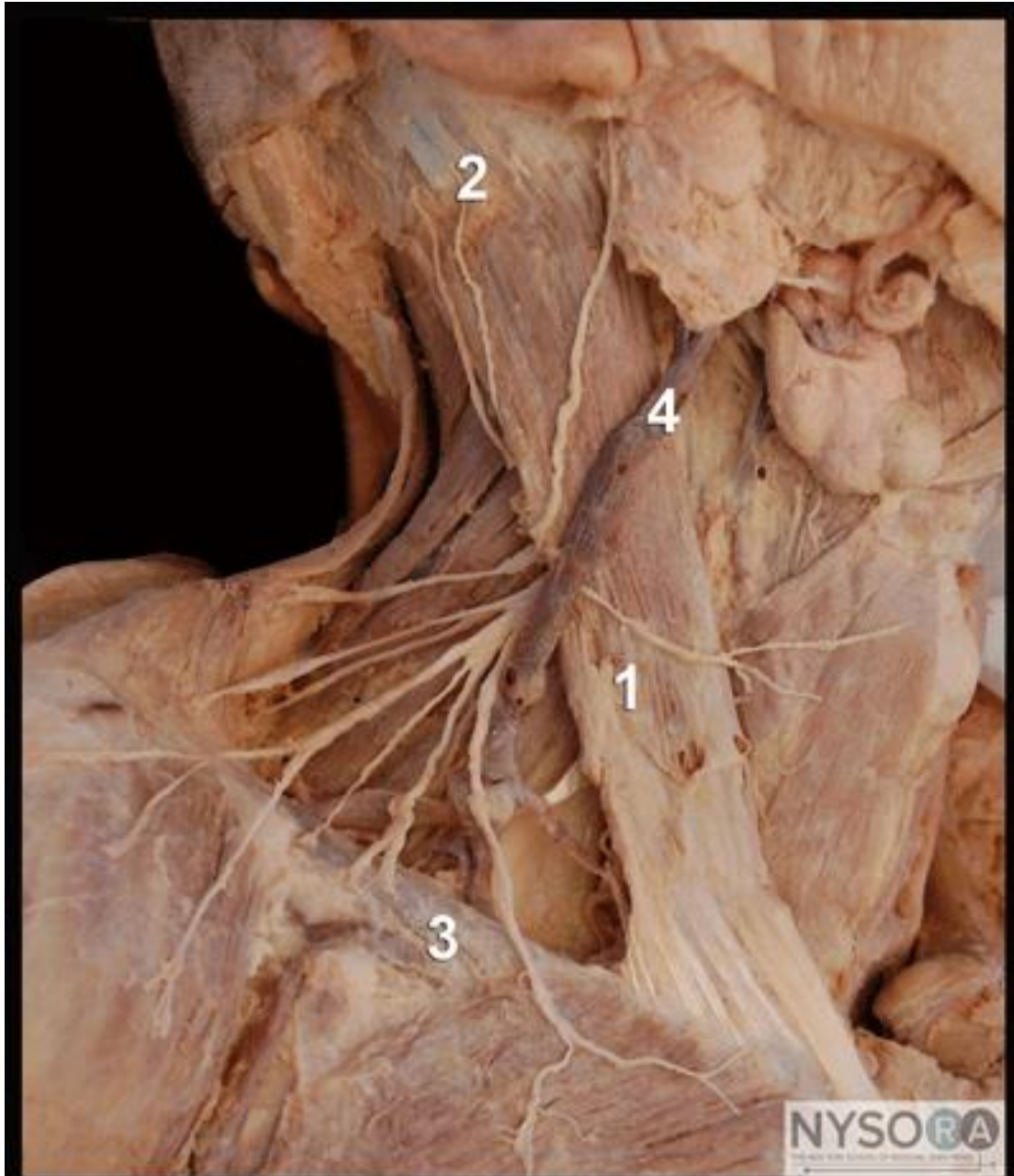
# Anterior Cervical Triangle / *Trigonum cervicale anterius*

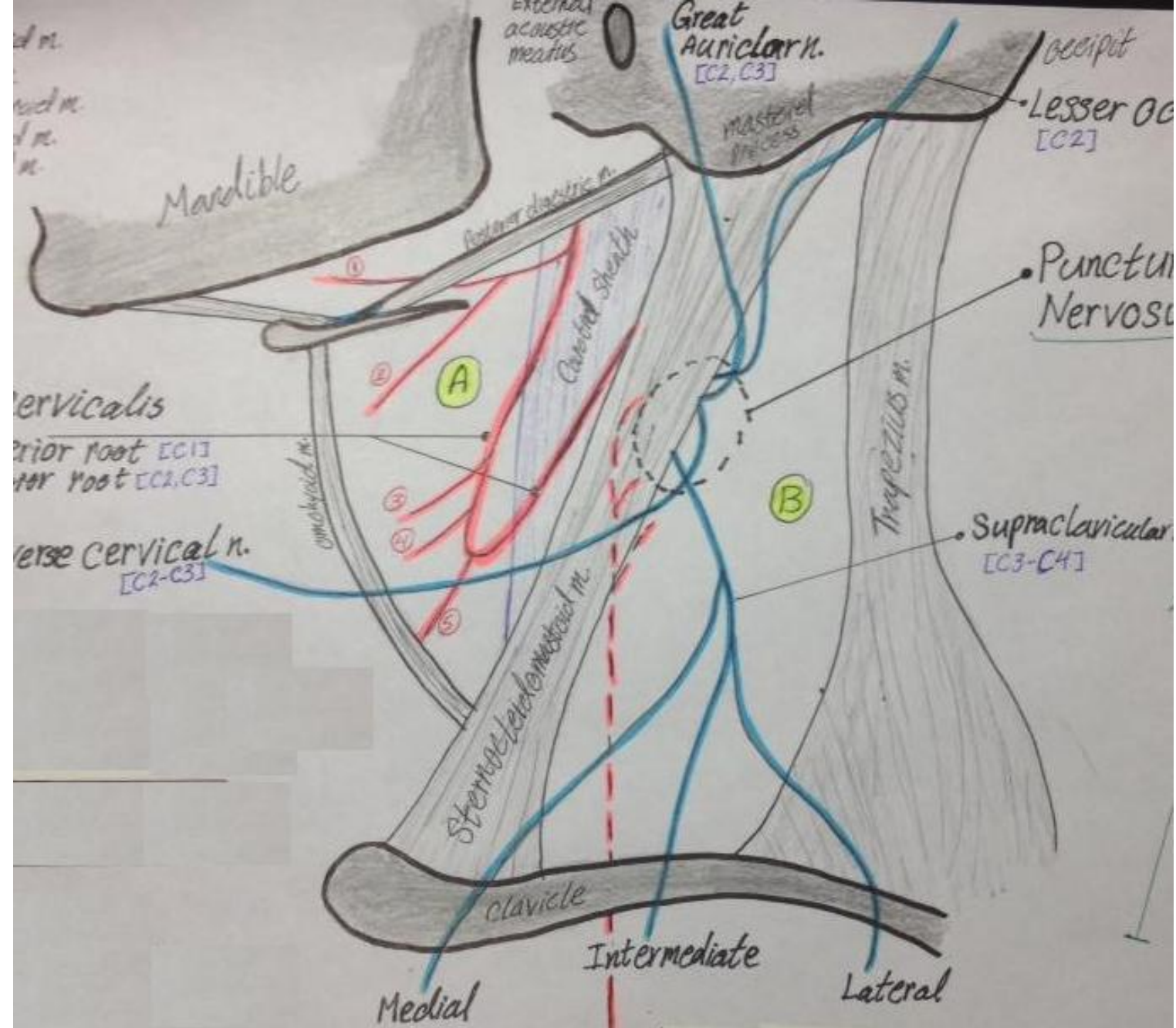


# Thyroid gland Palpation



# Lateral Cervical Triangle / *Trigonum cervicale laterale*



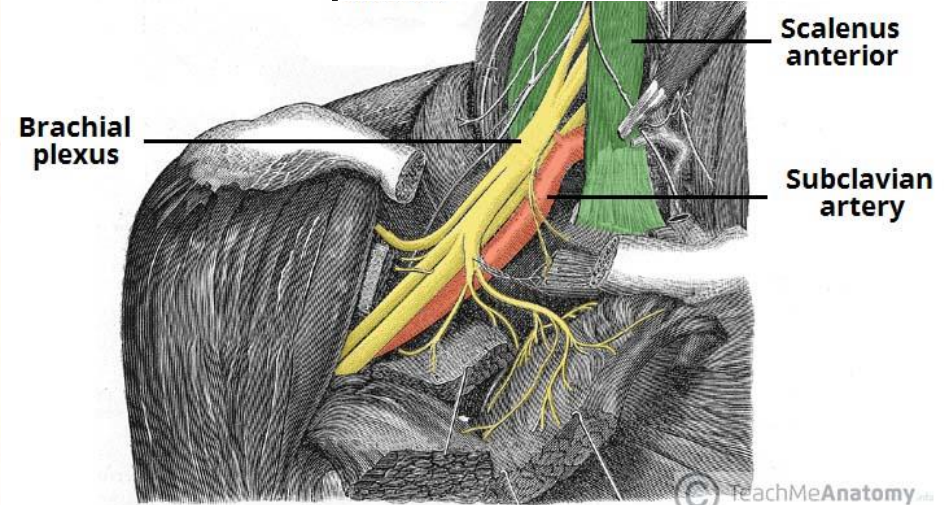
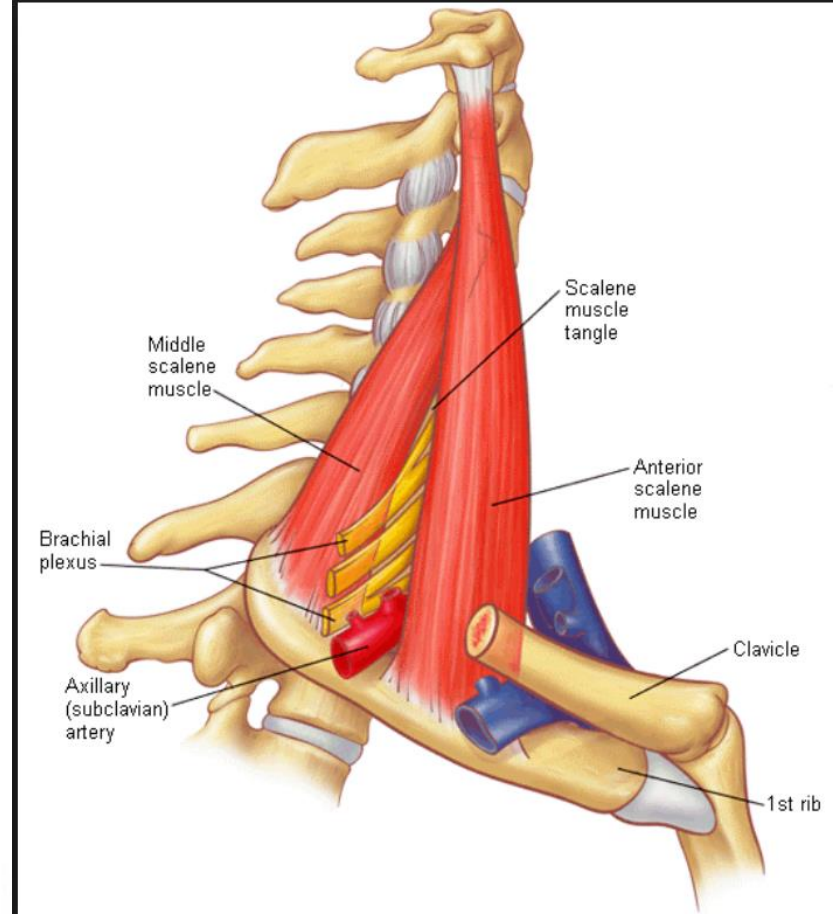
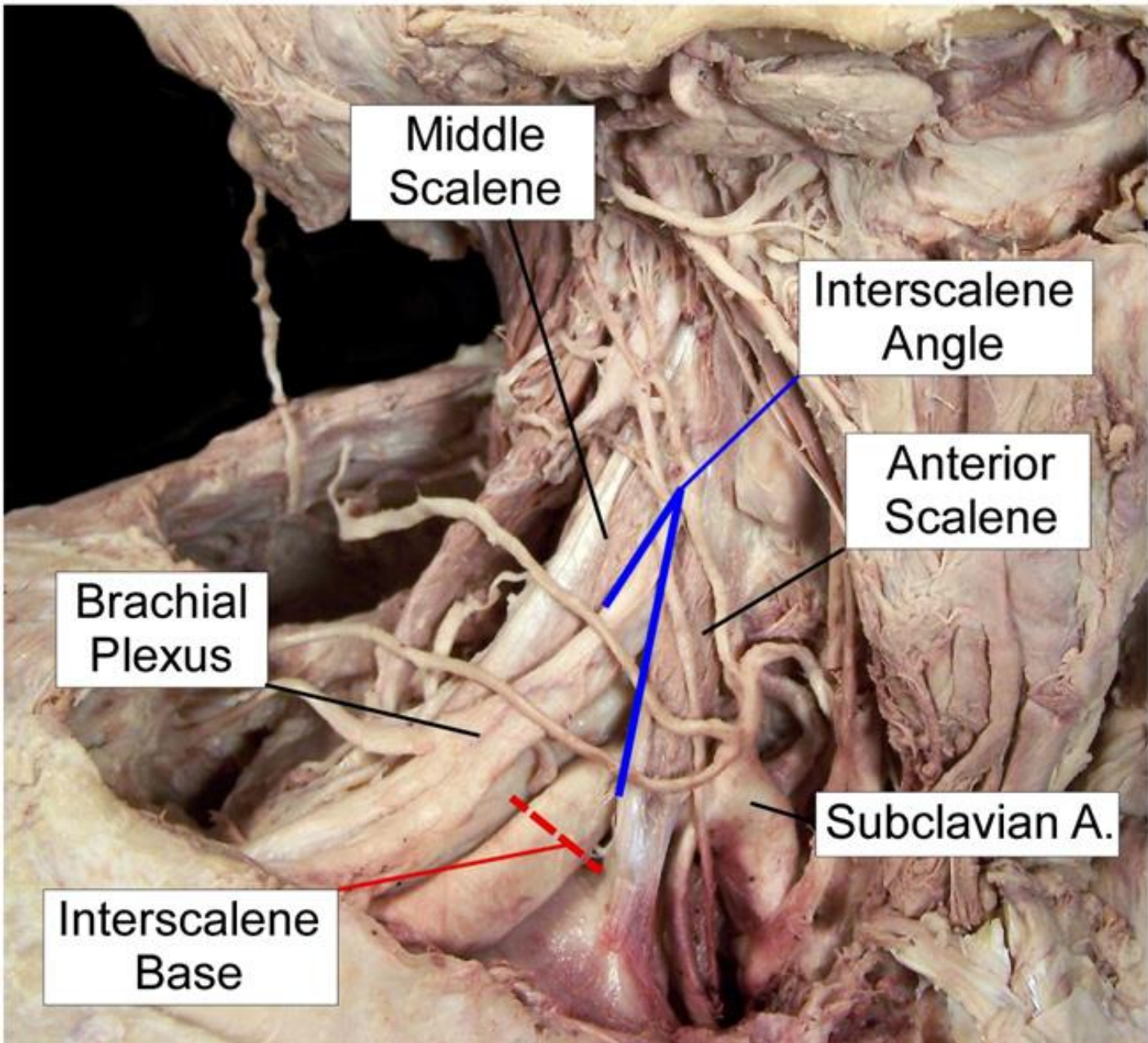


Cervicalis  
 anterior root [C1]  
 posterior root [C2, C3]  
 Reverse cervical n. [C2-C3]

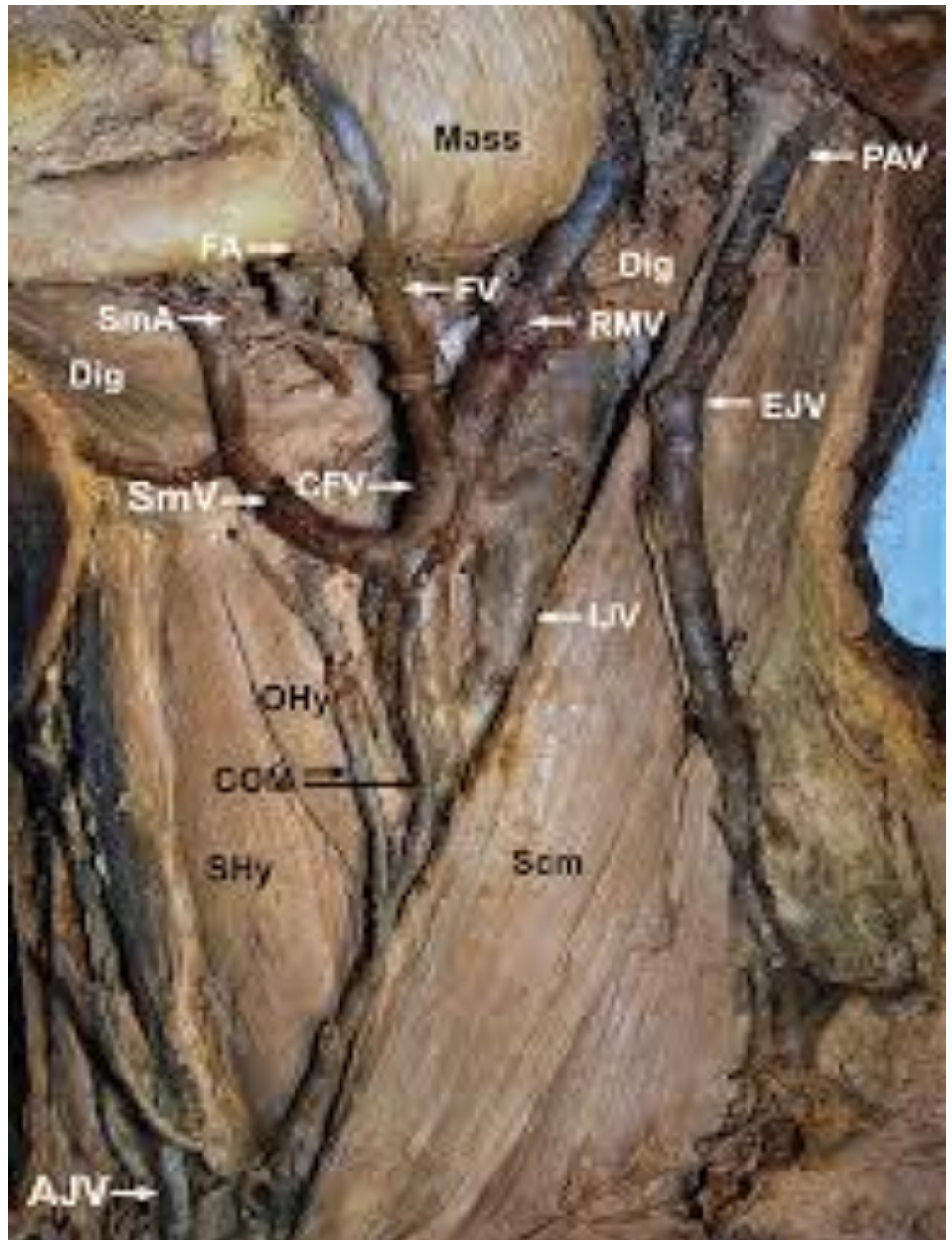
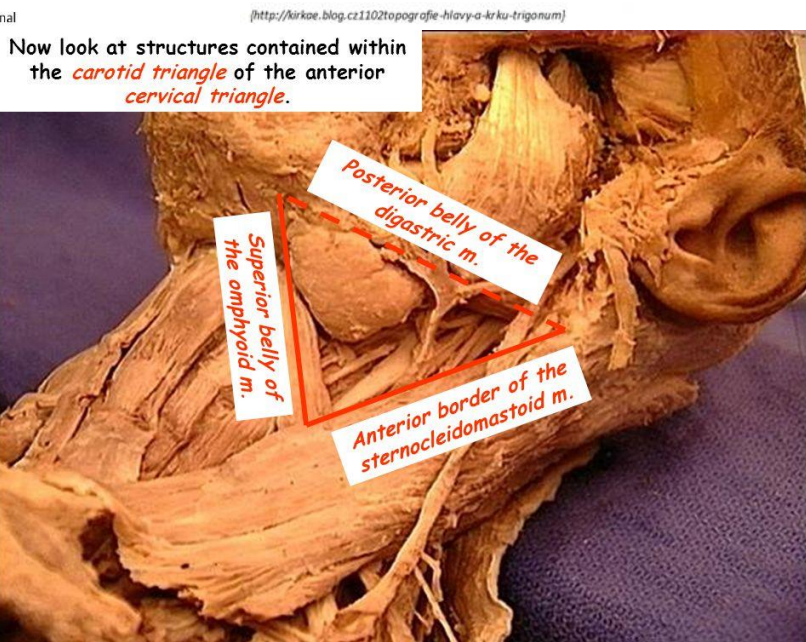
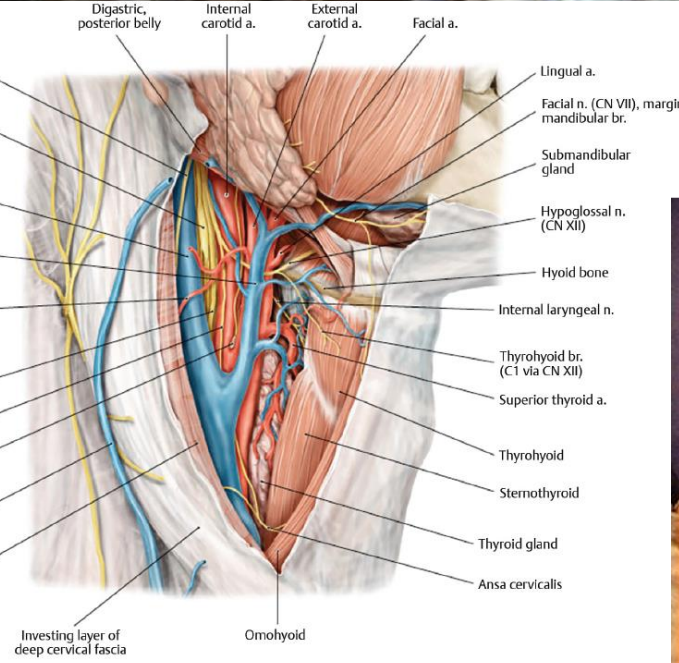
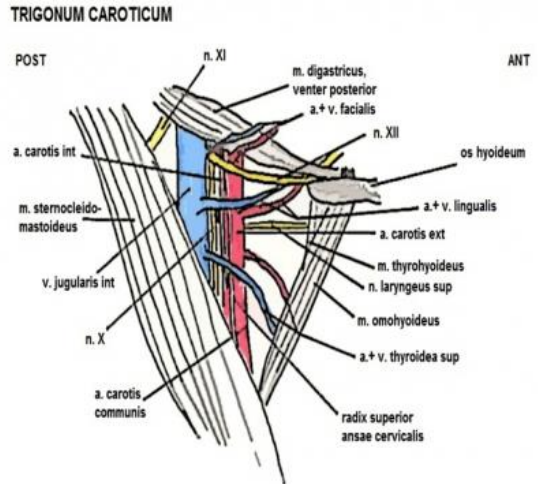
Azzat Al-Redwan

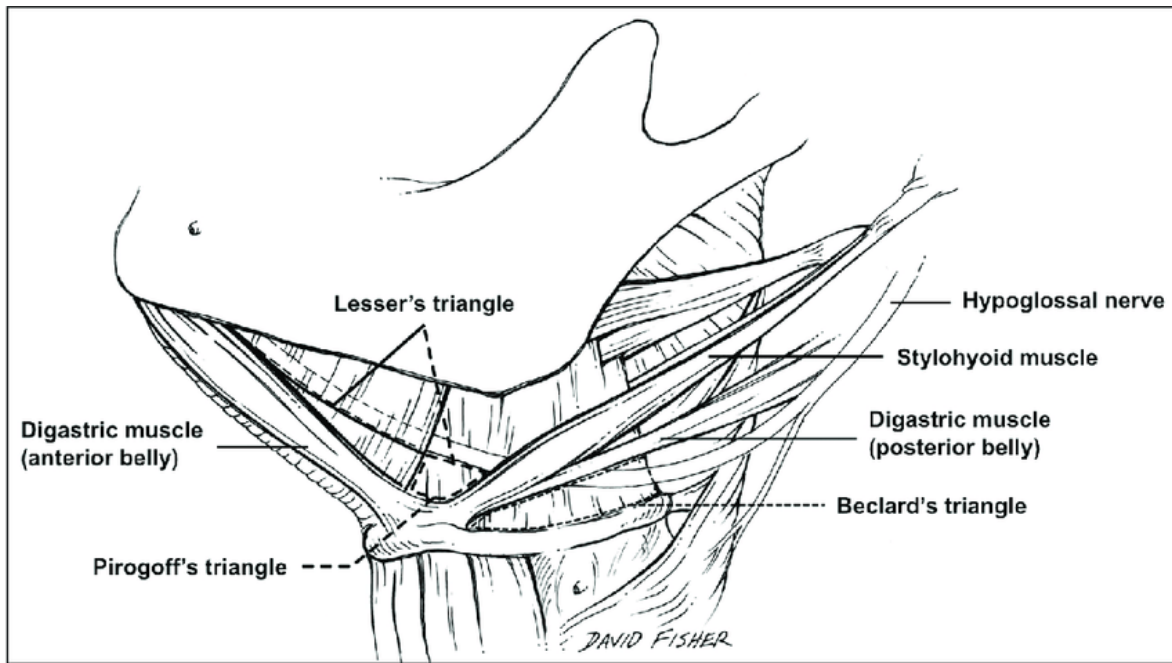
Phrenic n. [C3-C4-C5] \*Deep Laying an

# Scalenus Fissure / *Fissura scalenorum*



# Carotid Triangle / *Trigonum caroticum*



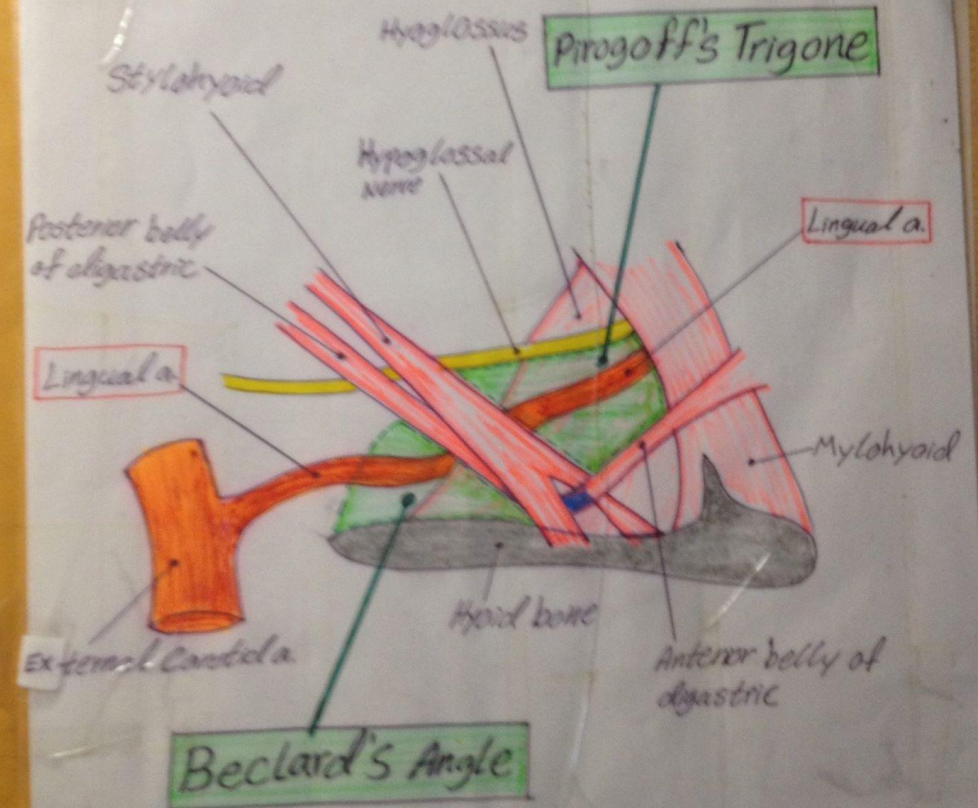


### Pirogoff's Triangle

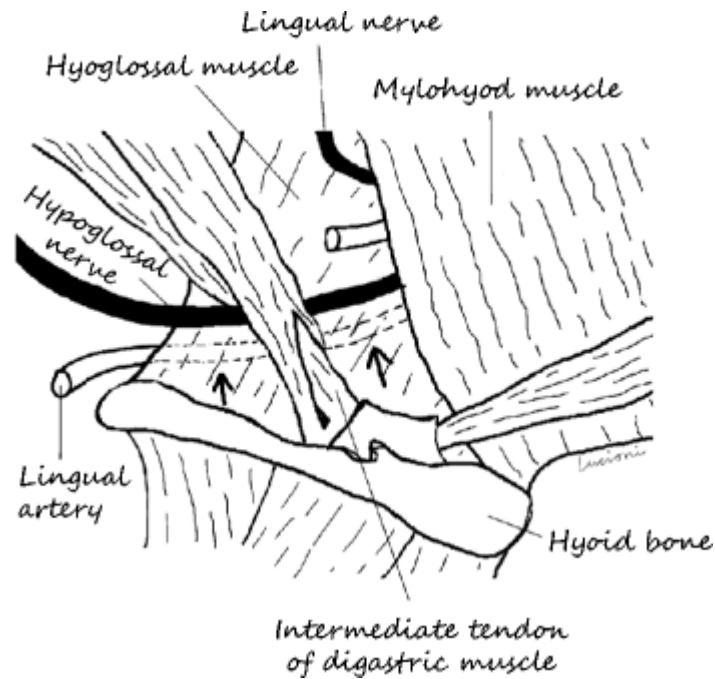
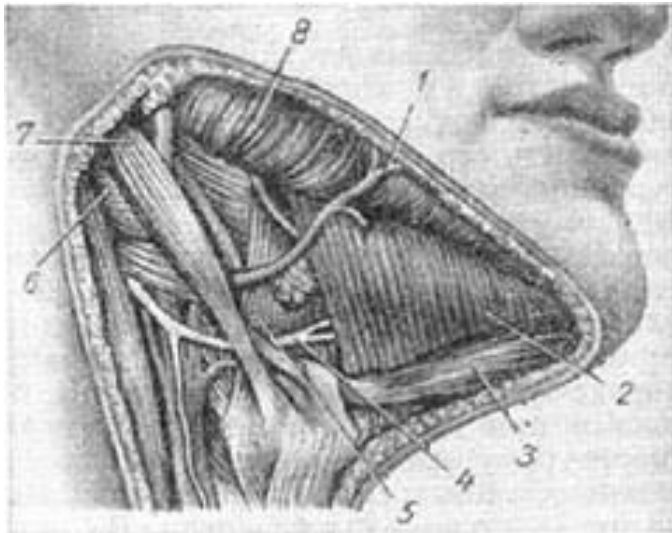
- Boundary:
  - Inferior:** Intermediate tendon of digastric
  - Superior:** hypoglossal n. (XII)
  - Medial:** mylohyoid
  - Lateral:** Stylohyoid
- Shows: position of lingual a. (variable!)

### Beclard's Angle

- Boundary:
- Angle between digastric post. X hyoid bone
- Shows: position of lingual a.



Amal M. Redwan





# Submandibular Triangle / *Trigonum submandibulare*

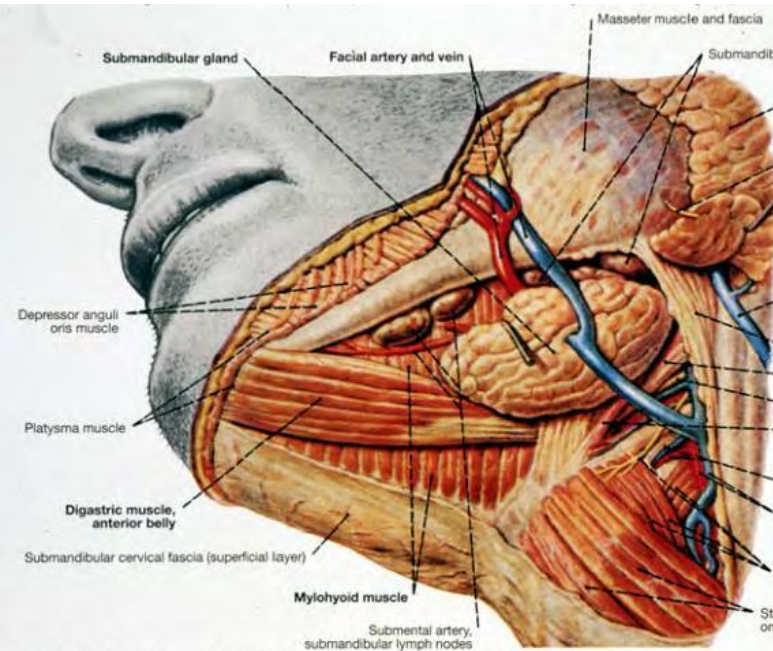


Fig. 726: The Left Submandibular Triangle and Submandibular Gland (Viewed from Below)



Digastric m.,  
anterior belly

Stylohyoid m.

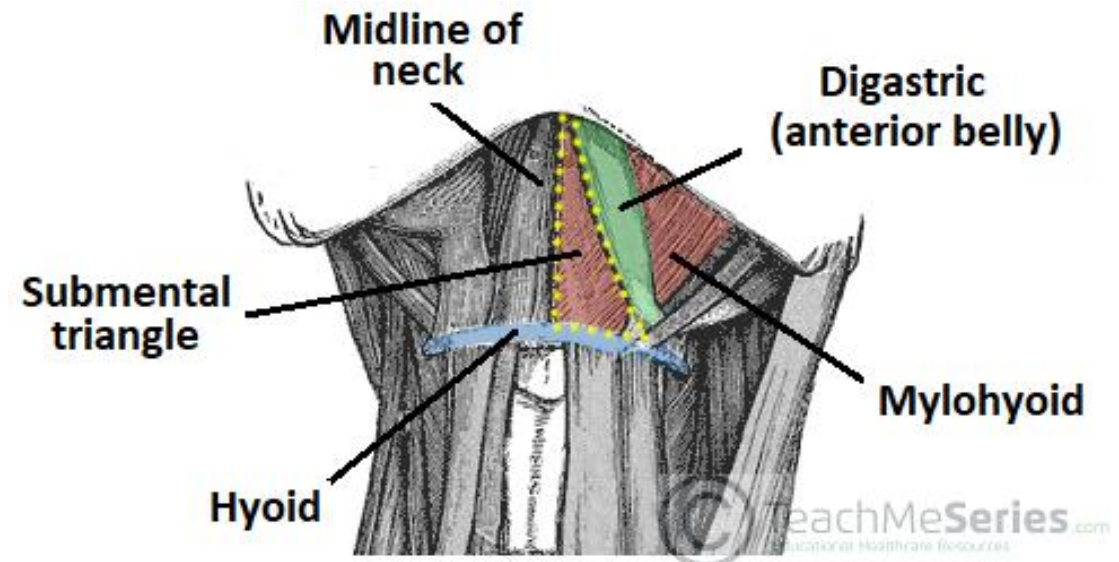
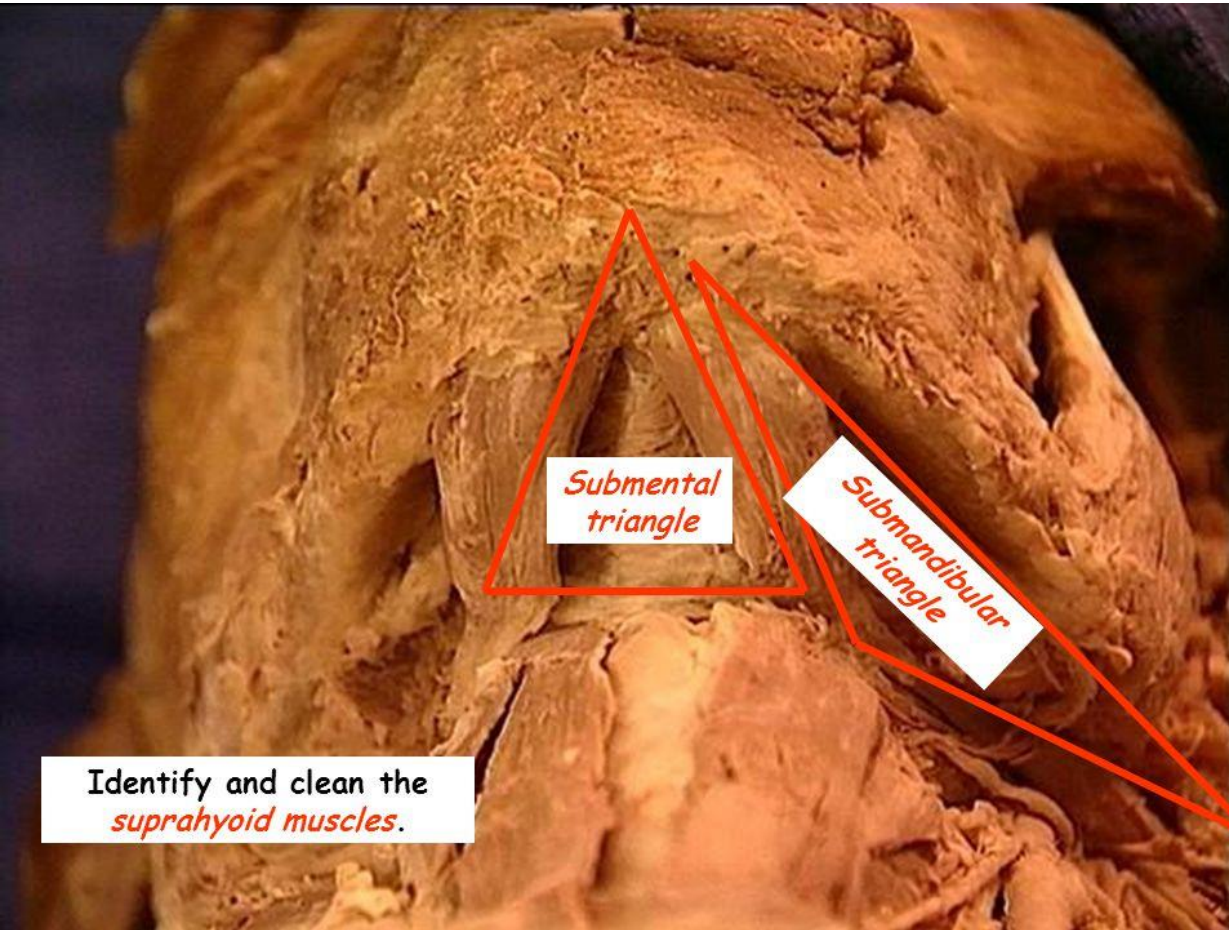
Digastric m.,  
posterior belly

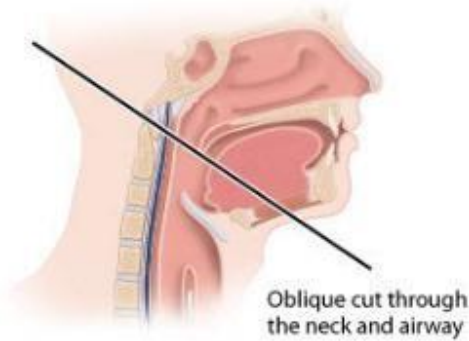
Submandibular triangle, lateral

BlueLink

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# Submental Triangle / *Trigonum submentale*





The *Fascial Spaces* seen as a transverse section cut at an oblique angle.

