

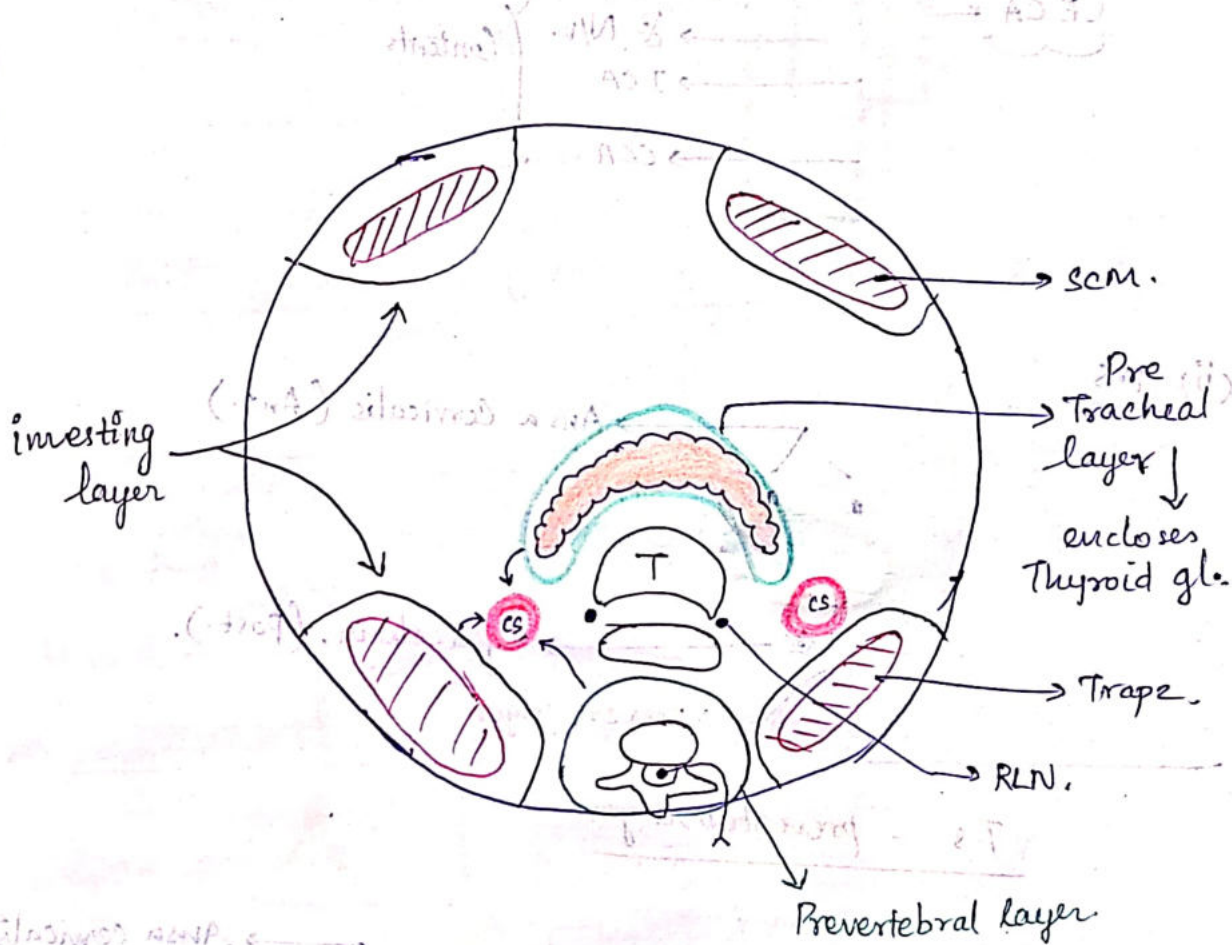
- * There is no deep fascia in face bcoz muscle of face has to insert on the skin.
- * Except parotid which is covered by parotidomasseteric fascia. - That's why its v. painful in mumps.
- * Abdomen $\Rightarrow$ has to expand
 - (i) pregnancy
 - (ii) Ascites
 - (iii) obesity
 so there's no deep fascia.

MODIFICATION of Deep Cervical Fascia:

-
- 1° mod.
 - ① Investing layer.
 - ② Pre Tracheal layer.
 - ③ Prevertebral layer.
 - 2° mod.
 - ④ Carotid sheath.
 - ⑤ Buccopharyngeal fascia.
 - ⑥ Pharyngobasilar fascia.

most Ant $\Rightarrow$ SCM.

most post $\Rightarrow$ Trapz.



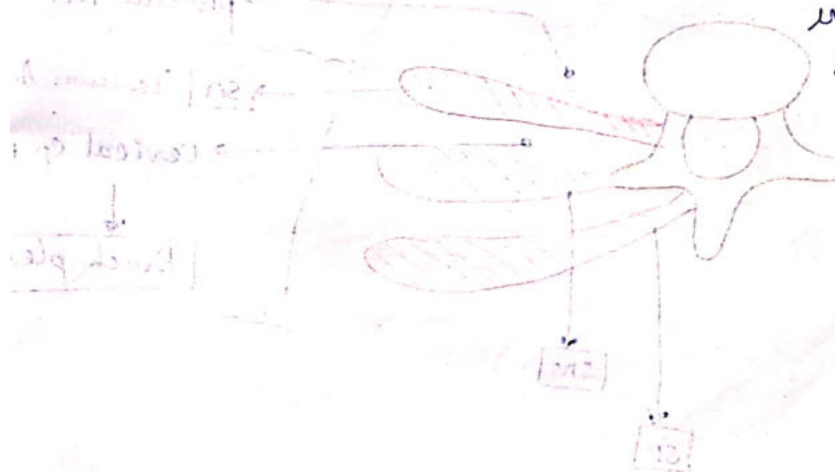
Prevertebral layer

Axillary sheath

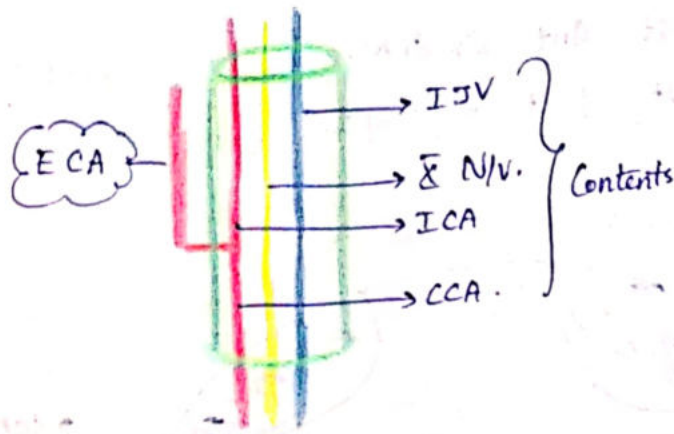
(Brachial plexus takes.

Preverteb. layer along with it). & also

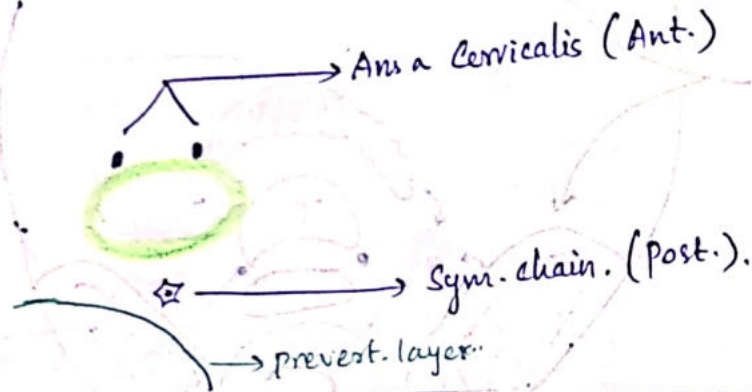
~~some~~ axillary vessels takes prevert. layers



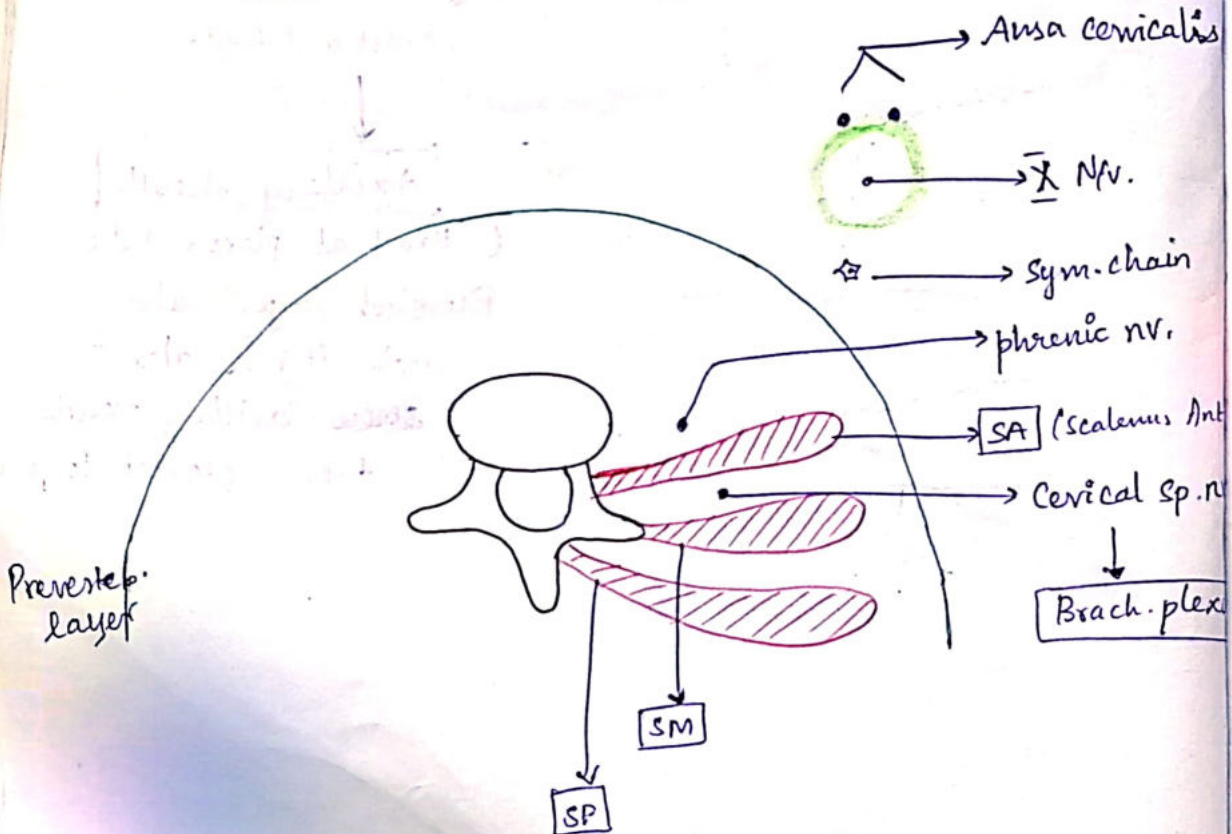
(i) L.S



(ii) T.S



T.S - preverteb. layer:



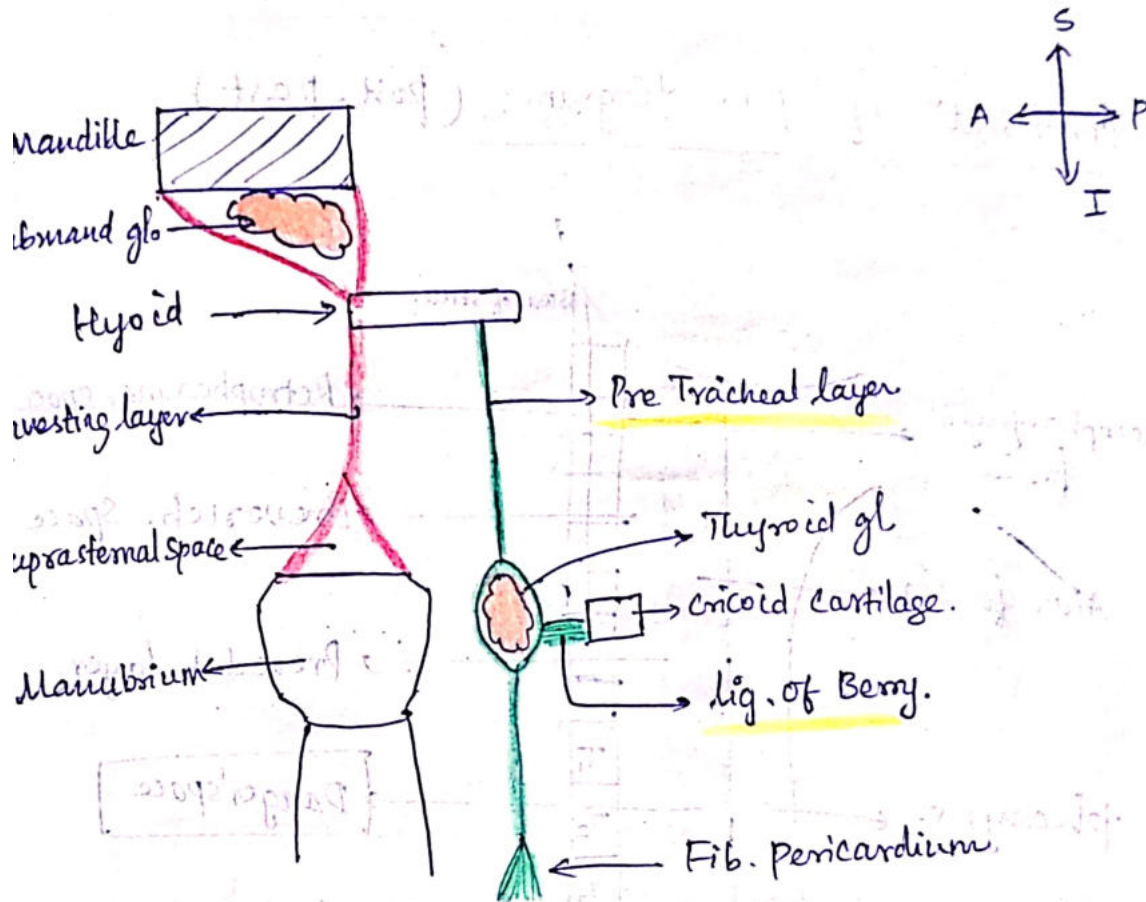
phrenic nv. $\Rightarrow$ post.

Vagus ($\bar{x}$) nv $\Rightarrow$ Ant.

phrenic nv. $\Rightarrow$ Ant

Vagus $\Rightarrow$ post.

Mid Sagittal Secⁿ: (with Head Turned to one side).

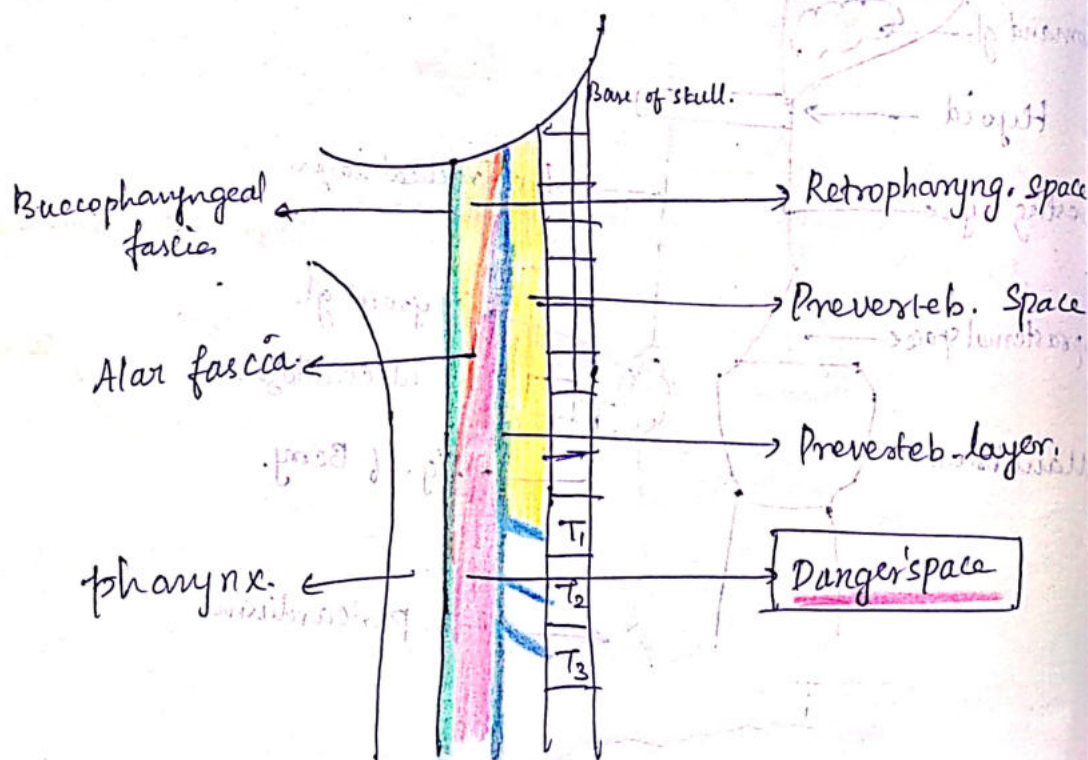


Q;

* Since Thyroid is attached to cricoid, by lig. Be it moves along with it during deglutition

* So Thyroid swellings can be differentiated from Non Thyroid swelling by whether its moving / not moving during deglutition

Continuatⁿ of prev. diagram: (post. part).



- 1) Retropharyngeal Space $\Rightarrow$ in b/n Buccoph. fascia & Alar fascia
- 2) Prevertebral space $\Rightarrow$ ^{behind} in b/n prevertebral layer
- 3) DANGER Space of neck $\} \Rightarrow$ b/n Alar fascia & prevertebral layer

- * Alar fascia $\Rightarrow$ Aka Ant. layer of prevert. fascia.
 $\rightarrow$ Not seen Radiologically.

Clinical: Danger space.

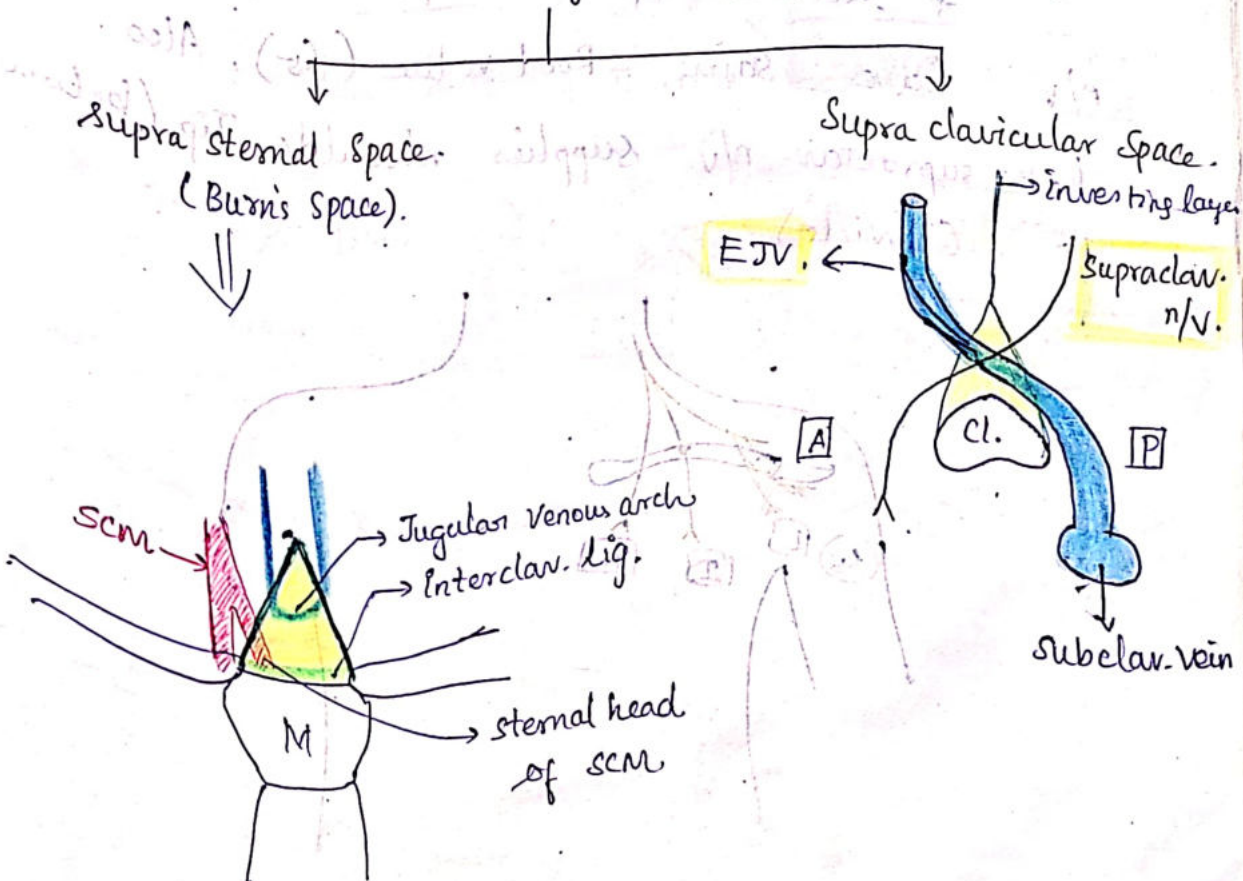
- * Any inflammⁿ in Danger space can cause compression of esophagus & Trachea resulting in Dysphagia & Dyspnoea.

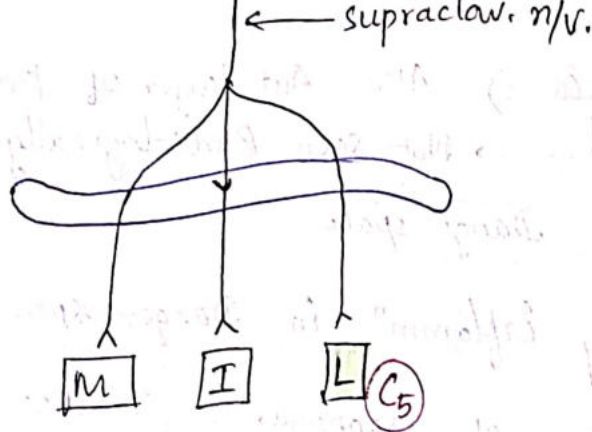
* ~~the~~

Investing layer:

Supra sternal Space.
(Burn's Space).

Supra clavicular Space.

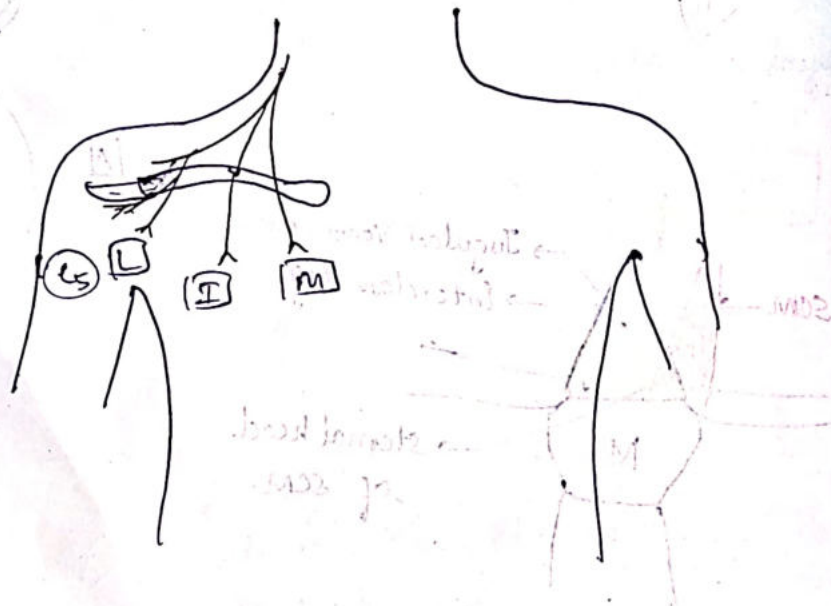




Clinical: Diaphragmatic Referred Pain are referred
at shoulder Tip.

* lateral supraclav. N/v & phrenic

N/v have same Root value (C5). Also
lat. supraclav. n/v supplies shoulder (below
Clavicle).



* encloses ② muscles — SCM
Trap2

* encloses ② spaces — supraclav./Burn's Space
suprasternal space

* encloses ② glands — Submandib gland
Parotid gland.

* encloses ② ligaments — sphenomandib. lig.
Stylomandib. lig.
(aka false lig. of TMJ)

* also forms ② pulleys — Digastric pulley
Omothyoid pulley

~~~~~ X ~~~~~ X ~~~~~