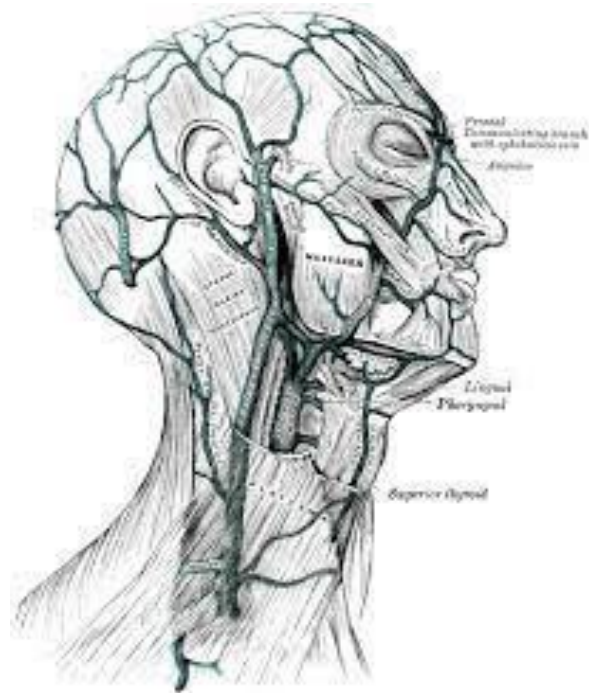


Vessels Of Head & Neck



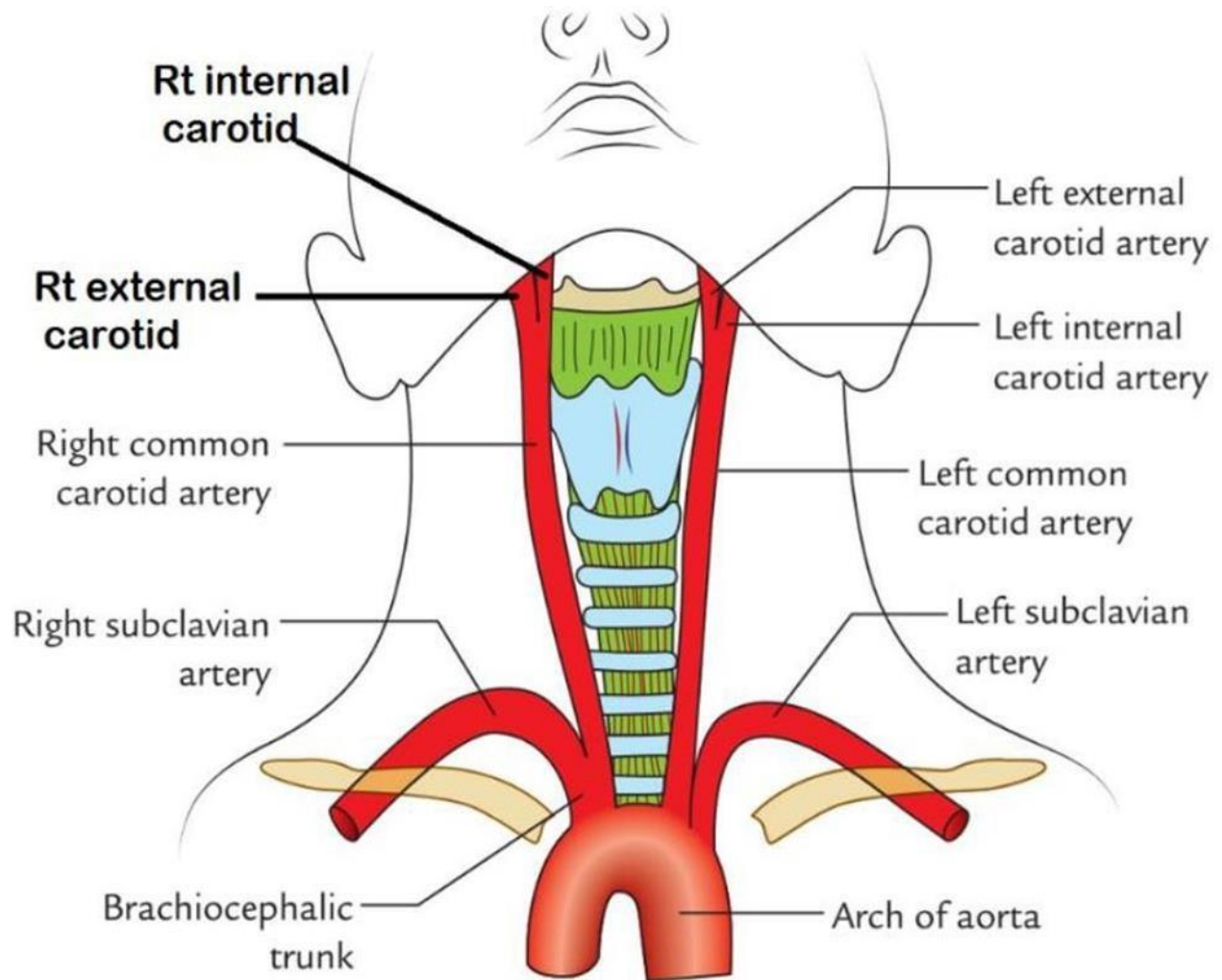
Dr. Wessam Hamed

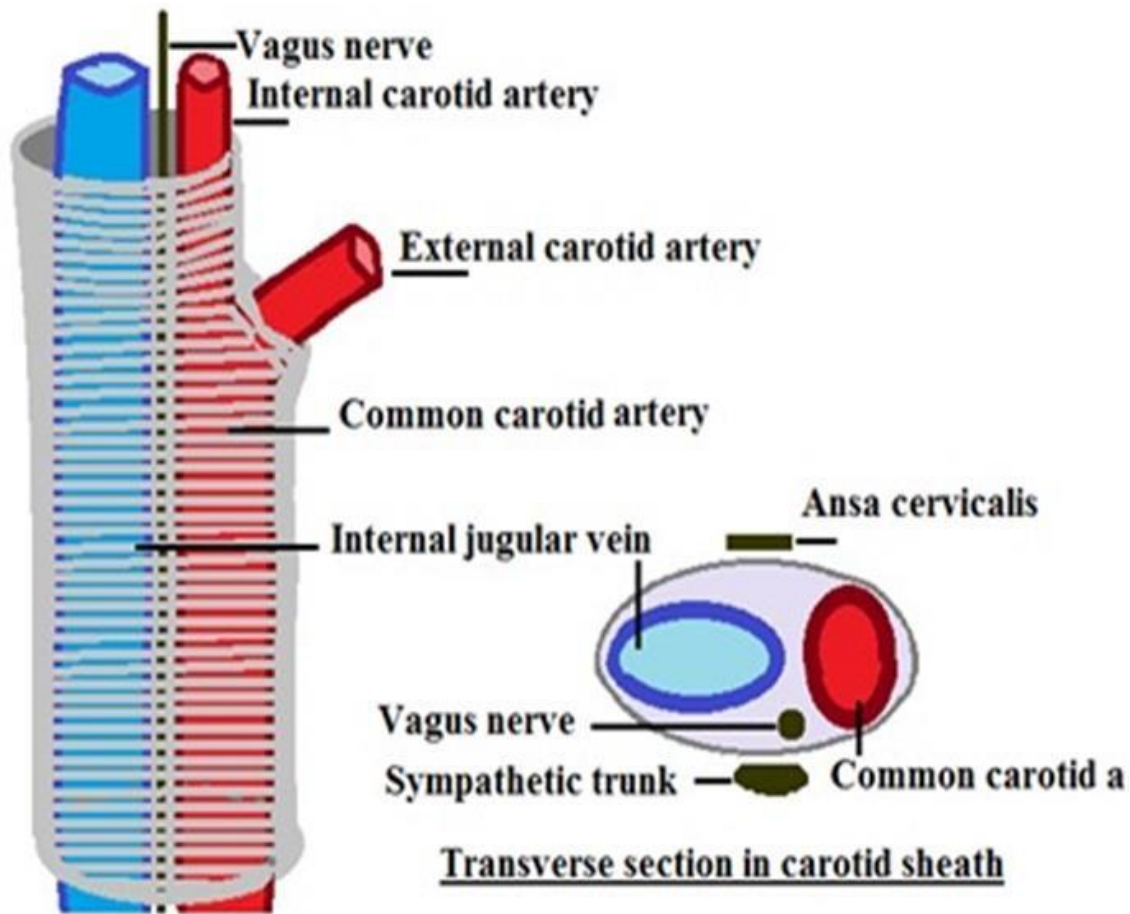
Ph D & Associate professor of Anatomy & Embryology

Faculty of dentistry Zarqa university of Jordan

Faculty of medicine Mansoura university Egypt

Common carotid artery

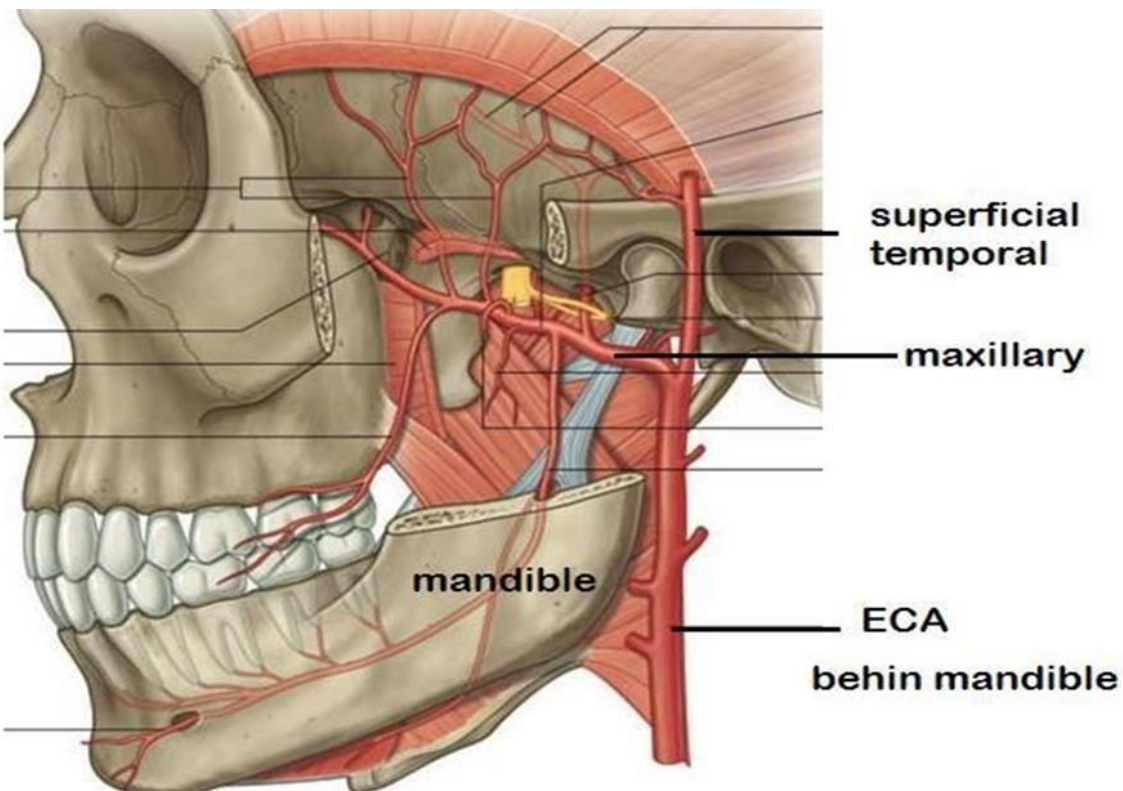
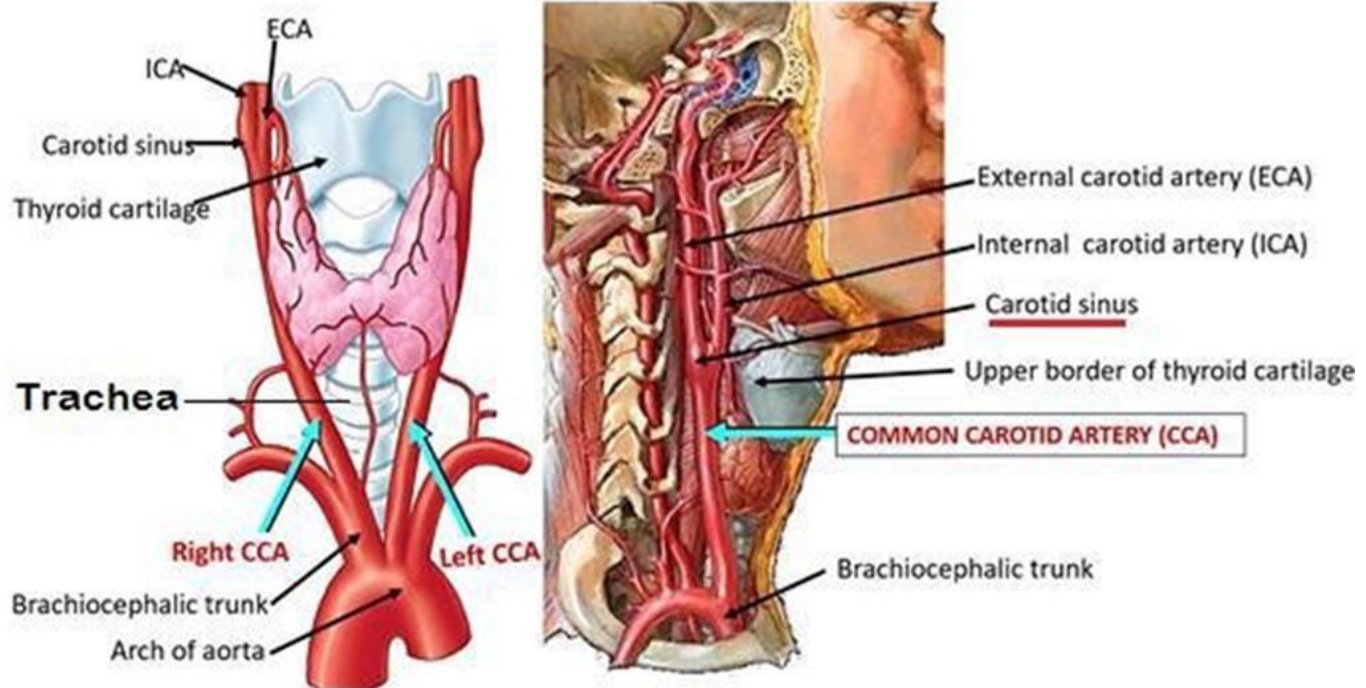




Carotid sheath

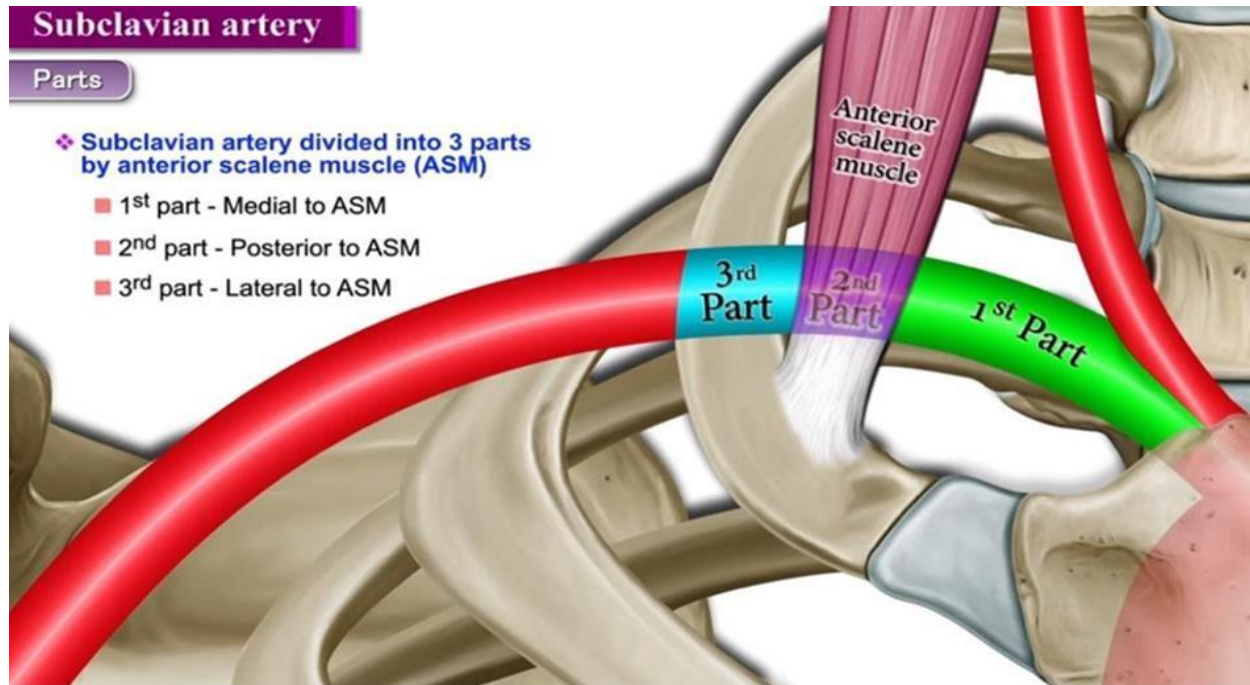
Upper part	Lower part
Internal carotid artery	common carotid artery
Internal jugular vein	Internal jugular vein
Last 4 cranial nerves	vagus nerve

9-glossopharyngeal nerve.
10-vagus nerve.
11-accessory nerve.
12-hypoglossal nerve.

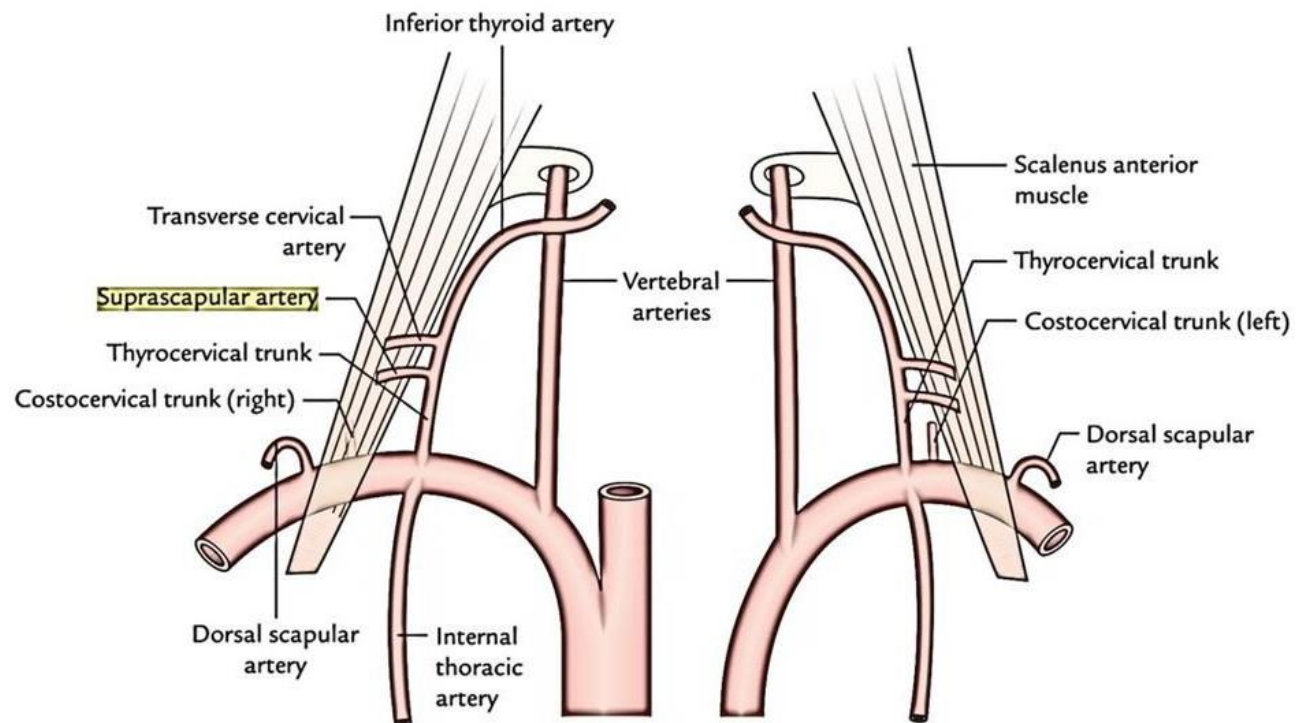


Two terminal branches of ECA

Subclavian artery parts



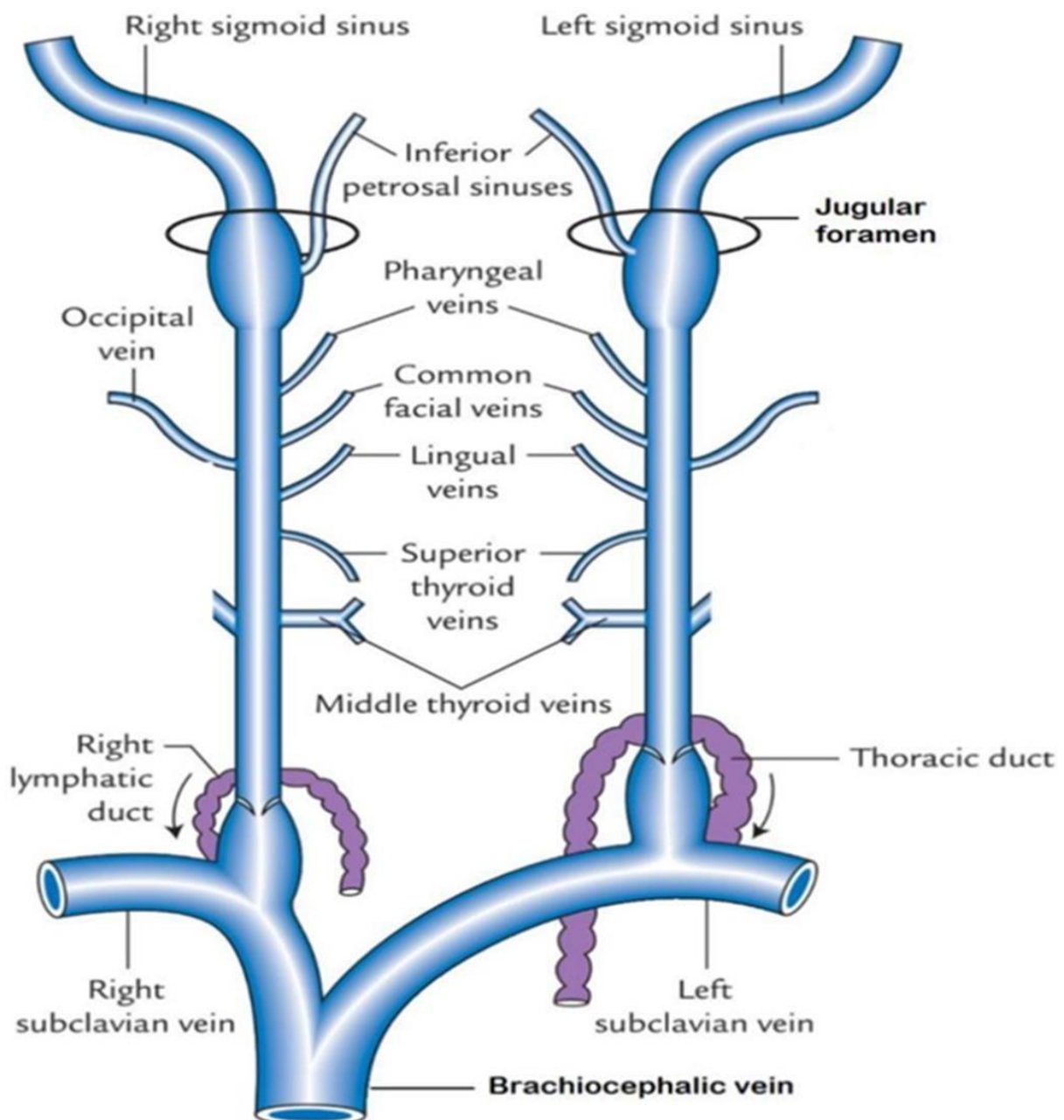
Subclavian artery branches



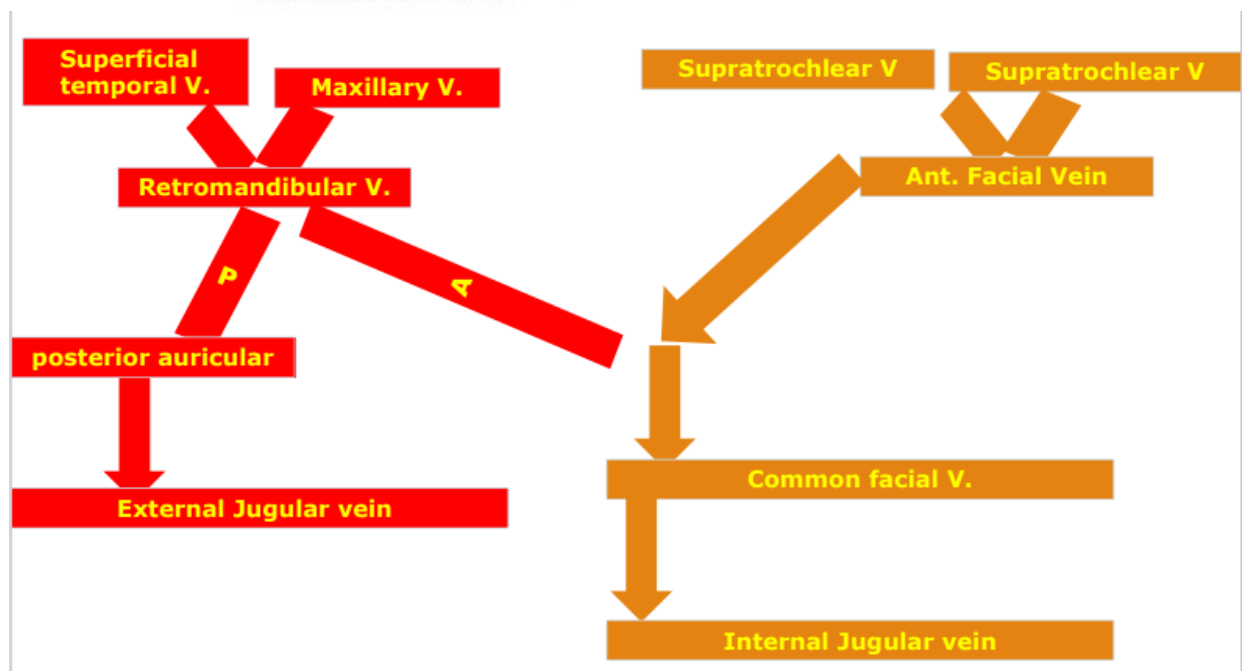
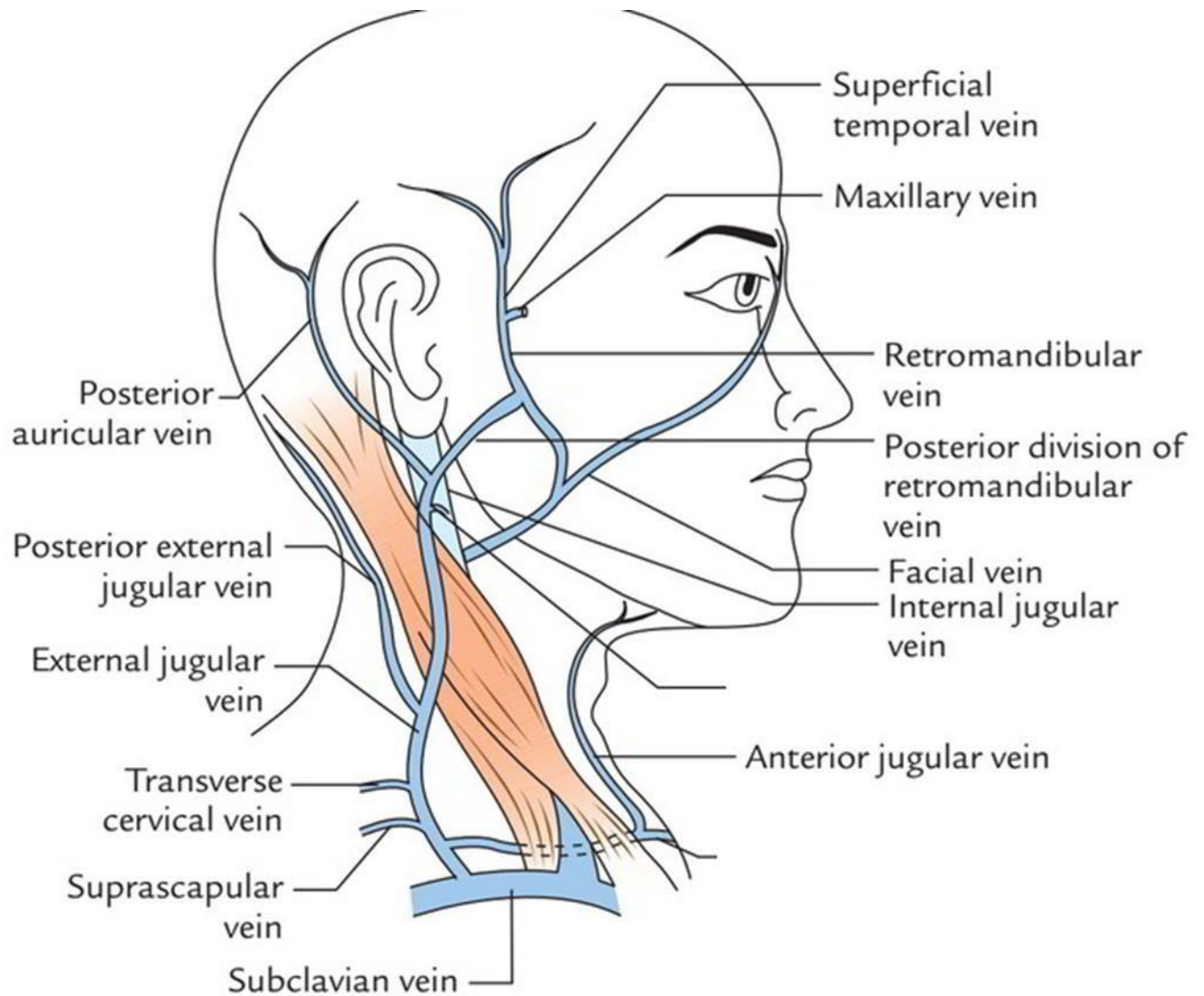
Internal jugular vein

Tributaries: 6 tributaries

1. Common facial vein
2. Lingual vein
3. Superior & middle
Thyroid veins
4. Pharyngeal vein
5. Inferior Petrosal sinus



Veins of the face

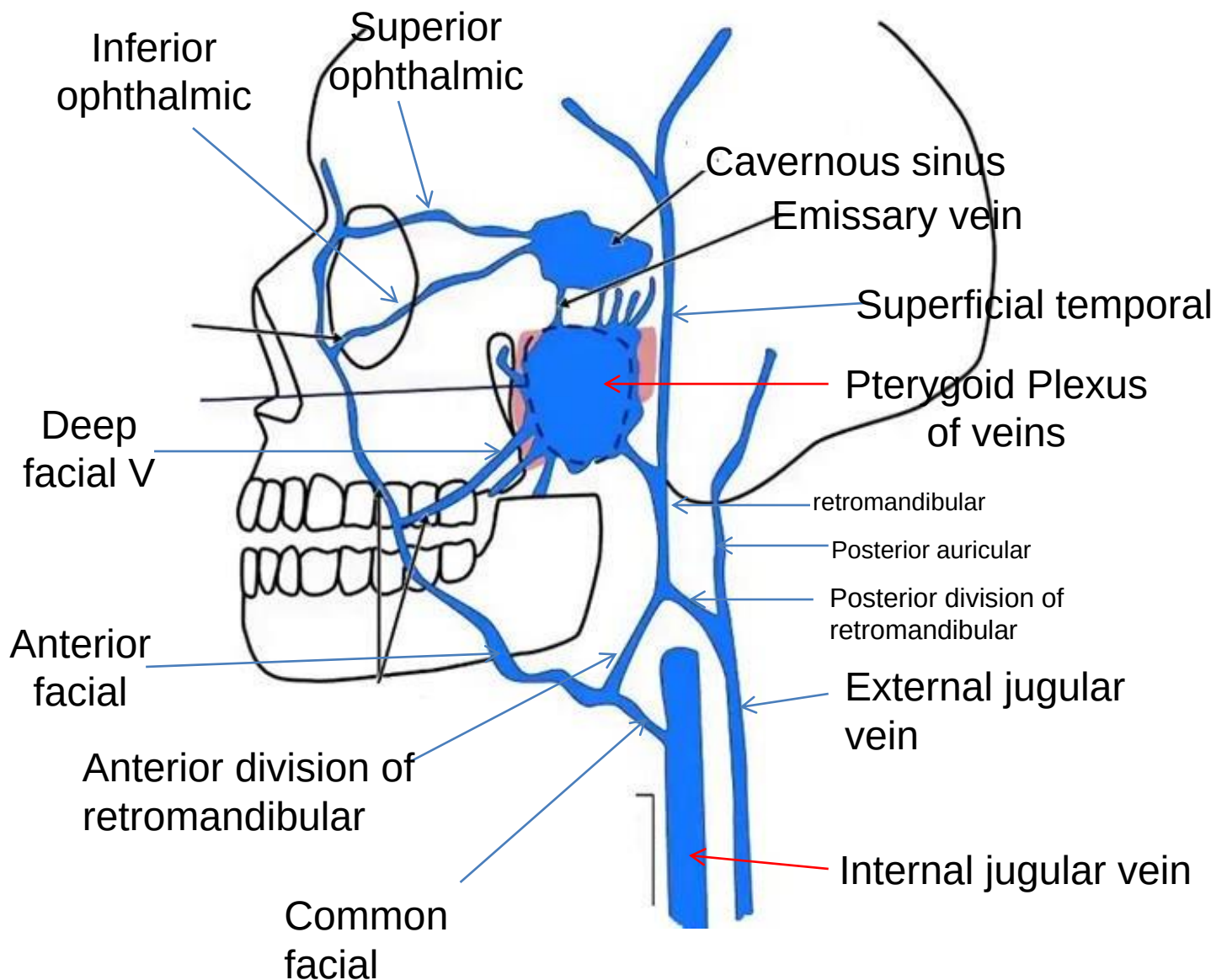


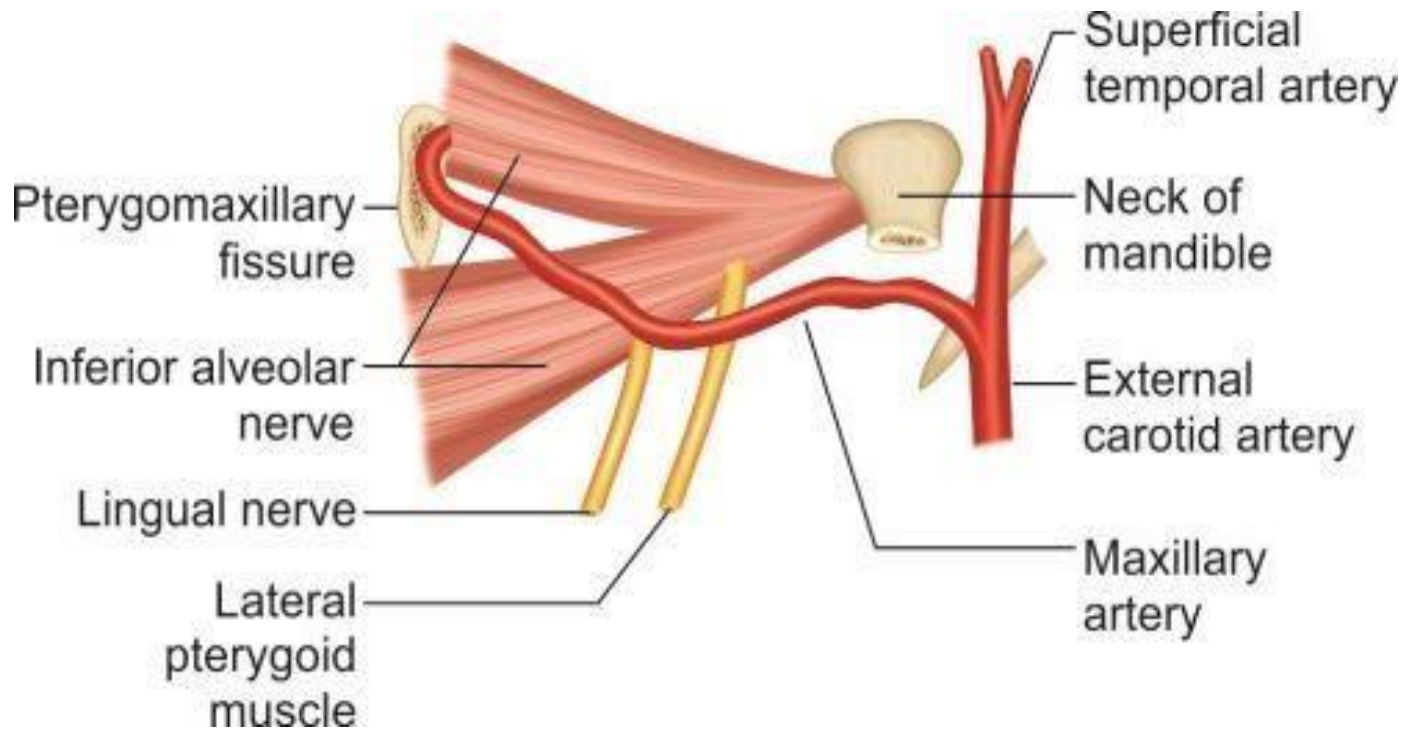
➤ Direct way :

Great veins by: Wessam Hamed

**Anterior facial vein → ophthalmic vein →
Cavernous sinus**

**Anterior facial vein → deep facial vein →
Pterygoid venous plexus → emissary vein passing
in foramen ovale → cavernous sinus**





3 parts of maxillary artery

1-first part [mandibular part]:miada

- 1→ Deep auricular:
- 2→ Anterior tympanic:
- 3→ Middle meningeal:
- 4→ Accessory meningeal:
- 5→ Inferior alveolar: Branches
 - a. Mylohyoid artery
 - b. Dental arteries
 - c. Mental artery

MAID

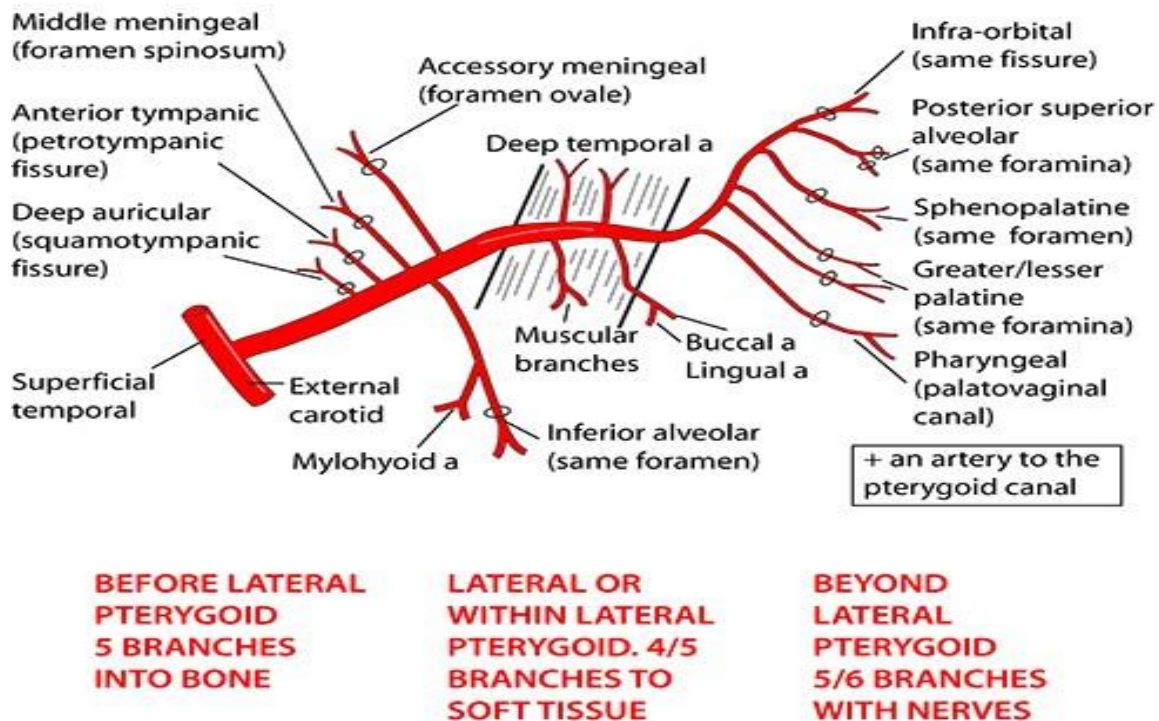
2 second part [pterygoid part]:-

- 1→ Pterygoid:
- 2→ Masseteric:
- 3→ Buccal:
- 4→ Deep temporal:

**Make Dinner
Before Party**

MAXILLARY ARTERY

In infratemporal fossa, either within or lateral to the superficial head of lateral pterygoid muscle. This muscle is shown below

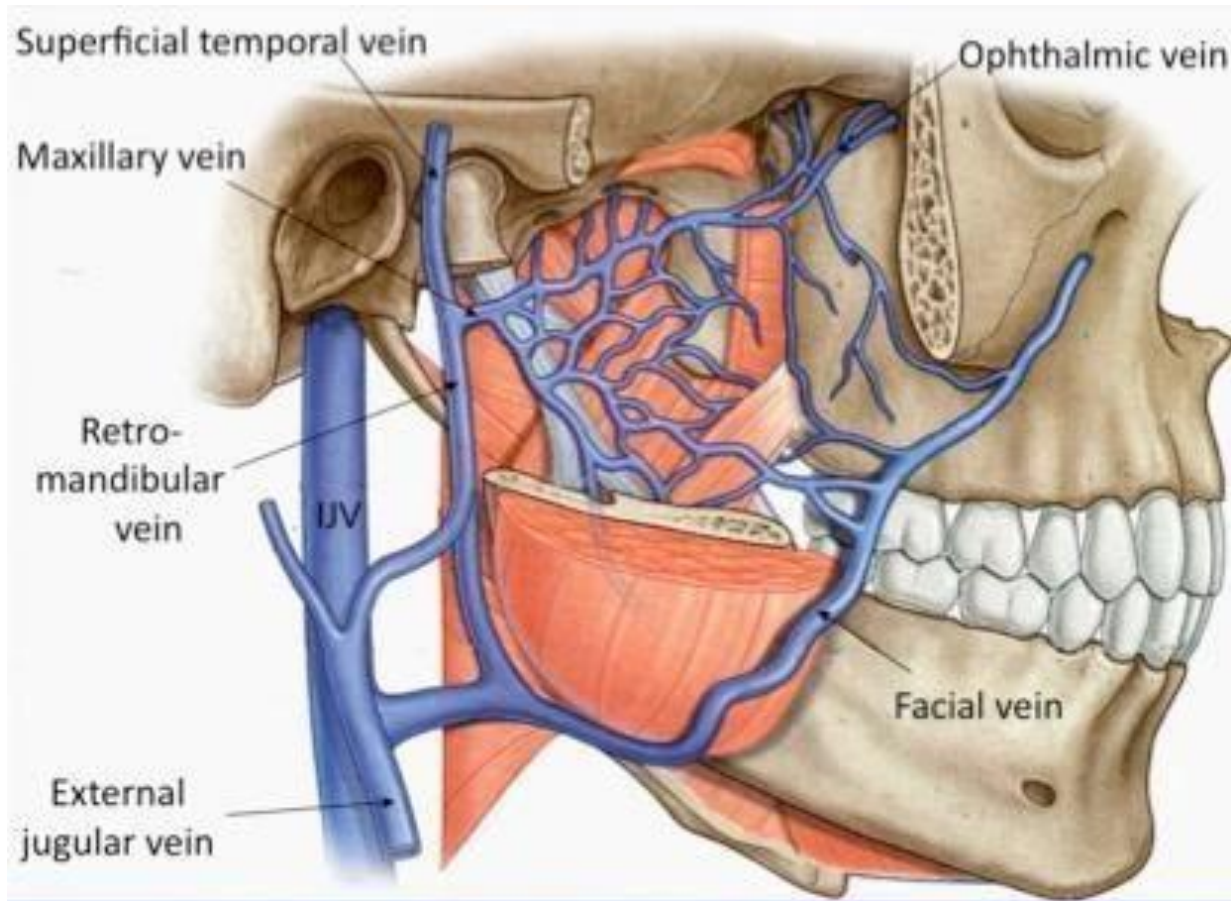


Maxillary artery branches

3 third part [pterygo-palatine]

- 1→ **Posterior superior alveolar**: supplies the upper molar and premolar teeth.
- 2→ **Infra-orbital artery**
 - **Orbital branches**: extraocular muscles.
 - **Anterior superior alveolar**: upper incisors and canine teeth.
 - **Terminal branches**: in the face.
- 3→ **Palatine**. [Greater pal.]: supply the nose.
- 4→ **Pterygoid canal Artery**: Supplies the nasopharynx
- 5→ **Pharyngeal artery**: Supplies the nasopharynx
- 6→ **Spheno-palatine artery**: supply the nose.





flterygoid venous plexus