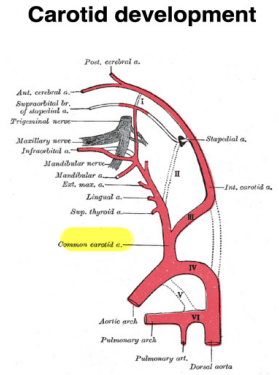
Common Carotid Artery

Rt → brachiocephalic (rt sternoclavicular joint)

Lt → Arch of aorta (Sup. Mediastinum)

end in Upper border of thyroid cartilage C3, C4



ICA

* Carotid Sinus *

→ enter cranial Cavity in Carotid canal in petrous part of temporal bone

→ Supply The brain, eyes, forehead
there is no supply to the neck

ECA

end behind the neck of the mandible inside parotid gland divided to →

- Sup. thyroid A.
- Ascending pharyngeal A.
- Lingual A
- Facial A.
- Occipital A
- post. Auricular A
- Maxillary A
- Superficial temporal A

Vertebral Arteries

→ paired vessels arise from Subclavian
→ Med. & Ant. to Scalenes
→ pass through the transverse process of cervical vertebrae
Foramen transversarium
→ enter the Cranium via foramen magnum
to form the basilar artery

Jugular Veins

Int.

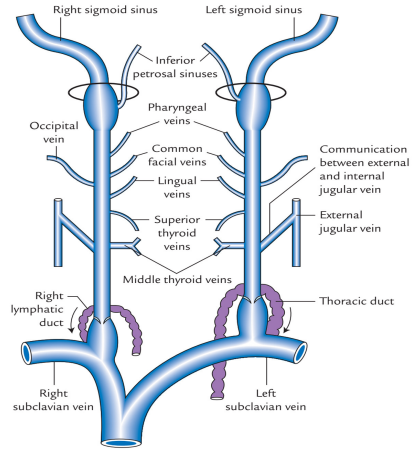
→ Arise from the junction of :-
- Inf. petrosal sinus
- Sigmoid sinus

Subclavian + IJV → brachiocephalic

→ receive tributary Veins :-
1. Mid. thyroid V.
2. Sup. thyroid V.
3. Lingual V.
4. Common facial V.
5. pharyngeal V.
6. Inf. petrosal Sinus

Ant.

→ paired Veins
→ Descend down midline
→ emptying into subclavian V.
→ receive tributary Veins :-
1. laryngeal V.
2. Small thyroid V.
3. inf thyroid V.



Ext.

→ Supply external face
→ Formed by post. auricular V. retromandibular V.
Superficial Temporal ↔ Maxillary
→ Complain post to the angle of the mandible & Inf. to outer ear
→ It drains is subclavian V.
→ receive tributary Veins :-
1. post ext. jugular vein.
2. transverse cervical vein.
3. Suprascapular Vein.