

NERVE SUPPLY:
HYPOGLOSSAL NERVE.



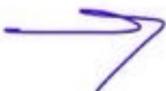
Hyoglossus muscle

Hyoglossus muscle



اذا جاء ال fiber
 من تحت ← فوق

Mylohyoid muscle



من فوق ← تحت

2. Hypoglossal nerve (12th cranial nerve):

- It crosses **superficial to 3 arteries:** internal carotid, external + lingual

Hypoglossal nerve (Origin : Carotid

sub mandibular + digastric

Occipital artery : in carotid and → posterior Δ

facial : sub mandibular → in carotid → digastric Δ → face

Carotid sheath:

- 1 common & internal carotid arteries
- 2 vagus nerve
- 3 Internal jugular vein (IJV)



6- sympathetic trunk embedded in the posterior wall of the carotid sheath. → carotid sheath ١٢٤٦

3-Ansa cervicalis is a nervous loop that descends in front of the carotid sheath and supply infra hyoid muscles.

carotid sheath

Carotid sheath:

→ وراها sympathetic trunk
 → قدامها Ansa loop

4- Superior laryngeal nerve It lies deep to every artery.

E) Deep cervical lymph nodes: Related to IJV.

العلاقة بالتبطين اللوزي

external jugular vein

① posterior
 ② subclavian
 Deep

anterior jugular vein

① submental
 ③ jugular arch
 external jugular

internal jugular vein

→ common facial + retromandibular

Content of muscular triangle

2. Structures in the median region of the neck below the hyoid bone:

- A. Thyrohyoid membrane
- B. thyroid cartilage
- C. cricoid cartilage
- D. cricothyroid membrane
- E. cricothyroid muscle
- F. isthmus of thyroid gland
- G. jugular arch
- H. inferior thyroid veins.

the commonest swelling in Muscular triangle
 → thyroid swelling

deep fascia + thyroid N pri trachea

3- Prelaryngeal and pretracheal lymph nodes.