Extra notes

Anatomy slides #5

**-Parotid duct** : Emerges from the anterior border of parotid gland ,crosses over lateral surface of masseter muscle parallel to the zygomatic arch ,inters through buccinators muscle to open in the mouth opposite to the upper second molar .

-All salivary glands are developed **from the oral cavity** .

**-Fascial capsule :** Fibrous capsule from the deep fascia of the neck .

**-Add to the relations of the parotid gland :**

Posterior :Steroclidomastoid muscle .

**-Carotid sheath contents :**

Internal carotid artery

Internal jugular vein

vagus nerve between the artery and the vein

-**Ramus of the mandible** :between two muscles

Outer:Masseter Inner:medial pterygoid muscle

**-Mastoid process** : between sternoclidomastoid muscle and posterior belly of digastric muscle .

**-Retromandibular vein** = Maxillary vein + superficial temporal vein

**-Stylomastoid foramen transmits** :Facial nerve

**-Trigeminal nerve :**

5th cranial nerve .

Inside the cavity of the skull .

Mixed nerve .

**-4 muscles of mastication** : 1-Masseter muscle 3-Medial pterygoid

2-Temporalis 4-lateral pterygoid

**-How to know if the ophthalmic nerve is injured ?** Pinpoint on the forehead or the nose to know if the patient can feel it .

**-How to know if the maxillary nerve is injured ?** Pinpoint on the skin of the cheek .

**-V1:**

**-Forehead** is divided into 4 quarters :

2 lateral :Innervated by supraorbital nerve

2 medial: Innervated by supratrochliar nerve

**-Infratrochliar nerve** : for the medial angle of the eye and the upper eyelid from the medial side

-Upper eyelid from the lateral side is innervated **by lacrimal nerve**

-Tip of the nose and the bridge and root of the nose : **by external nasal nerve**

**-V2:**

**-Infraorbital nerve** : Largest branch of V2 through infraorbital foramen to the skin of cheek ,lower eyelid and ala of the nose .

-**V3:**

**-Mental** :through mental foramen supplies the skin of the chin and lip

**-Auricotemporal :** medial to the neck of the mandible ,behind the head of the mandible and TMJ ,gives branches to the skin of the auricle and temple ,the main innervation for TMJ

**-Buccal :**Sensory ,medial to the ramus of the mandible ,supplies the outer skin of buccinator muscle and inner mucosa of it.

**\*\*Recall:**

**Buccal branch of facial nerve :**

**Motor,outside the ramus of the mandible supplies buccinator muscle .**

**Good luck ☺**

**Your colleague : Qais Mismar**