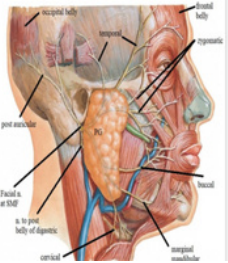


NERVE SUPPLY OF THE FACE

Nerve	Motor supply Facial nerve (extra cranial part)	Sensory supply
branches	<p>Before the Parotid gland</p> <ul style="list-style-type: none"> • posterior auricular n: occipital belly of occipitofrontalis auricularis posterior • Nerve to post belly of digastric: Posterior belly of the digastric Stylohyoid <p>Inside the Parotid gland</p> <ul style="list-style-type: none"> • Temporal branch: Upper part of orbicular is oculi (upper eye lid) Frontal belly of occipitofrontalis, Auricularis anterior and superior • Zygomatic branch: Lower part of orbicular is oculi (lower eye lid) Muscles of nose • Buccal branches: Multiple (usually 2) Upper part of orbicularis oris (upper lip), Buccinator • Marginal mandibular branch: Lower part of orbicularis oris(lower lip) Muscles of chin • Cervical branch Platysma 	<p>Cervical plexus (VR C2&3) great auricular nerve: skin on parotid & angle of mandible</p> <p>Trigeminal nerve Ophthalmic: supratrochlear, supraorbital, palpebral br. of lacrimal , infratrochlear, ext. nasal: these branches supply the forehead, the upper eyelid, the dorsum of the nose, including the tip</p> <p>Maxillary: zygomaticotemporal, zygomaticofacial, infraorbital, These branches supplies: the lateral side of the orbital opening, the lower eyelid, the side of the nose including the ala, the cheek, the upper lip.</p> <p>Mandibular: auriculotemporal, buccal, mental: these branches supply: the temporal region, part of the auricle, the lower part of the face, the lower lip</p>
Injury	<p>in parotid surgery leads to Paralysis of muscles of face in the same side of lesion , with the following features</p> <ul style="list-style-type: none"> • Inability to raise eye brow • inability to close the eye • lacrimation • inability to blow accumulation of food in vestibule of mouth during mastication. • inability to whistle & dripping of saliva from the mouth • in laughing or showing the teeth the mouth deviates to the normal side 	<p>Trigeminal neuralgia:</p> <ul style="list-style-type: none"> -lesion in trigeminal n. usually affecting maxillary and mandibular parts -it is of unknown cause -presents with attacks of severe stabbing pain on face . usually triggered by touching the face , brushing the teeth or loughing 