

## Anterior Division

	Masseteric nerve	Deep temporal nerves	Nerve to the lateral pterygoid muscle	Buccal nerve	
مُلصَق 1	To the masseter muscle	to the temporalis muscle	الطبَّبُالجراحة جنعة	It suppliesA. the skin covering the buccinator. B. The mucous membrane of the cheek gumsA.does not supply the buccinator muscle ( which is supplied by the facial nerve)It is the only sensory branch of the anterior 	
مُلصَق 2	passes above the upper border of lateral pterygoid muscle	enter the deep surface of the muscle.	pass above the upper border of lateral pterygoid	Passes between the 2 heads of the lateral pterygoid muscle. Then it passes forward deep to the ramus of mandible till the anterior border of the Grasseter muscle.	
	to the deep surface of the masseter mus		to the deep surface of the temporalis mu		

## **Posterior Division**

	Auriculotemporal nerve	Lingual nerve		Inferior alveolar nerve (Mixed nerve, motor and sensory)	
Course	I-It arises by 2 roots which surround the middle meningeal artery X	Here it is joined by the chorda tympani nerve 1-it lies deep to the lateral pterygoid muscle. In front of the inferior alveolar nerve	H: PM minute min	I-It begins deep to the lateral pterygoid m muscle then emerges from its lower border.	
	2-It passes backwards deep to the neck of the mandible	2-It emerges from the lower border of lateral pterygoid muscle 3-it descends between	ramus of the mandible(laterally) the medial pterygoid muscle (medially)	2-It descends between	the ramus of the mandible (laterally) medial pterygoid muscle (medially).
	3-then enters the parotid gland	(dangerous position during tooth extraction) -it passes along a groove on the inner urface of the socket of the last molar tooth st undercover of the mucosa of the gum			
	4-It appears at its upper pole behind the superficial temporal vessels (VAN)	The submandibular Ganglion hangs from it 5-Then, it crosses	superficial to the hyoglossusmuscle deep to the superficial part of the submandibular salivary gland	3-It enters the mandibular foramen and runs in the mandibular canal	
	5-It ascends in front of the auricle to terminate in the temporal fossa	6- Finally, it passes deep to the mylohyoid muscle.	triple relation with the submandibular duct A. first it passes lateral to the duct B. Then it curves below to the duct C. Finally it ascends medial to the duct	4-Termination; It ends in the mandibular canal by dividing into 2 branches (mental and incisive nerves).	الطب <sup>الجراحة</sup> جنع
Branches	1) Posterior part of the temporal region ( temple)		general sensations from anterior 2/3 of the relay in the trigeminal ganglia (Ist order	1- Nerve to mylohyoid (motor):	It arises before it enters the mandibular foramen
	2) Upper 1/2 of the outer surface of the auricle.	Types of fibers:	tongue and floor of the mouth neuron).   taste sensations from anterior 2/3 of the tongue ends in the solitary nucleus through chorda tympani nerve.		It runs in the mylohyoid groove to supply - Mylohyoidand anterior belly of digastric muscles.
	3) Skin of the external auditory meatus and ear drum.		Parasympathetic fibers from the superior salivary nucleus→the facial nerve → chorda	2- Branches to the lower molar and premolar teeth.	
	4) Temporo-mandibular joint.		Parasympathetic fibers supply the tympani (join the lingual nerve) to relay in the submandibular ganglion	3- Incisive nerve:	to the lower canine and incisor teeth.
	5) Sensory and parasympathetic fibers to the Parotid gland.		sublingual glands	4- Mental nerve:	exits from the mental foramen and supplies the skin of the chin.