FACIAL NERVE (CN VII)			
1. Main Motor Nucleus	lies deep in the reticular formation of the lower part of the pons		<ul><li>1-The part of the nucleus that supplies the muscles of the upper part of the face receives corticonuclear fibers from both cerebral hemispheres</li><li>2-The part of the nucleus that supplies the muscles of the lower part of the face receives only corticonuclear fibers from the opposite cerebral hemisphere.</li></ul>
2. Parasympathetic Nuclei	lie posterolateral to the main motor nucleus.	A. superior salivatory	1- receives afferent fibers from the hypothalamus through the descending autonomic pathways.
Parasympathetic fibers synapse in these ganglia, whereas sympathetic and other fibers pass through them.			2-Information concerning taste also is received from the nucleus of the solitary tract from the mouth cavity.
		B. lacrimal nuclei	<ul><li>1-receives afferent fibers from the hypothalamus for emotional responses</li><li>2-receives afferent fibers from sensory nuclei of the trigeminal nerve for reflex lacrimation secondary to irritation of the cornea or conjunctiva.</li></ul>
3. Sensory Nucleus	upper part of the nucleus of the tractus solitarius and lies close to the motor nucleus		Sensations of taste travel through the peripheral axons of nerve cells situated in the geniculate ganglion on the seventh cranial nerve

FACIAL NERVE (CN VII)						
Somatic Motor	<ol> <li>1- facial expressio</li> <li>2- auricular muscles.</li> <li>3- the posterior bellies of the digastric</li> <li>4- stylohyoid</li> <li>5- stapedius muscles.</li> </ol>		U1+V2			
Visceral (Parasympathetic) Motor:	presynaptic parasympathetic fibers to pterygopalatine ganglion	<ol> <li>associated with the maxillary nerve (CN V2)which distributes its postsynaptic fibers,</li> <li>2-the lacrimal glands</li> </ol>	The second secon			
	presynaptic parasympathetic fibers to the submandibular ganglion	<ol> <li>1-associated with the mandibular nerve (CN V3)</li> <li>2- the sublingual and submandibular salivary glands.</li> </ol>	nds			
General Sensory (Somatic)	1-small area of the skin of the concha of the auricle, close to external acoustic meatus.		Anternational and and particular services			
Special Sensory (Taste)		<ol> <li>Fibers carried by the chorda tympani join the lingual nerve</li> <li>taste sensation from the anterior two thirds of the tongue and soft palate.</li> </ol>				



V3

## Course and relations;





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