

CRANIAL NERVES:

<u>Number</u>	<u>Name</u>	<u>Exit</u>	<u>Modality</u>	<u>Function</u>
1 (CNI)	Olfactory	Cribriform plate	Sensory (SVS)	Smell
2 (CNII)	Optic	Optic canal	Sensory (SSS)	Vision
3 (CNIII)	Oculomotor	Superior orbital fissure	Motor (GSM & GVM)	GSM: 4 extrinsic eye muscles and levator palpebrae superioris. GVM: pupillary sphincter
4 (CNIV)	Trochlear	Superior orbital fissure	Motor (GSM)	Superior oblique
5 (CNV)	Trigeminal:			
	<i>Ophthalmic</i>	<i>Superior orbital fissure</i>	<i>GSS</i>	Scalp, forehead and nose.
	<i>Maxillary</i>	<i>F. rotundum</i>	<i>GSS</i>	Cheeks, lower eye lid, nasal mucosa, upper lip, upper teeth and palate.
	<i>Mandibular</i>	<i>F. ovale</i>	<i>GSS</i> <i>SVM</i>	GSS: anterior 2/3 tongue, skin over mandible and lower teeth. SVM: muscles of mastication.
6 (CNVI)	Abducens	Superior orbital fissure	Motor (GSM)	Lateral rectus
7 (CNVII)	Facial	Internal acoustic meatus > stylomastoid f.	Both: <i>GSS</i> <i>SVS</i> <i>SVM</i> <i>GVM</i>	GSS: sensation to part of ext. ear. SVS: taste from ant. 2/3 tongue, hard and soft palate. SVM: muscles of facial expression. GVM: lacrimal, submandibular, sublingual glands and mucous glands of mouth and nose.
8 (CNVIII)	Vestibulocochlear	Internal acoustic meatus	Sensory (SSS)	Hearing and balance
9 (CNIX)	Glossopharyngeal	Jugular f.	Both: <i>GSS</i> <i>GVS</i> <i>SVS</i> <i>GVM</i> <i>SVM</i>	GSS: post. 1/3 tongue, ext. ear, and middle ear cavity. GVS: carotid body and sinus. SVS: taste from post. 1/3 tongue. GVM: parotid gland. SVM: stylopharyngeus
10(CNX)	Vagus	Jugular f.	Both:	GSS: ext. ear, larynx and pharynx.

			<i>GSS</i>	GVS: larynx, pharynx and, thoracic & abdominal viscera. SVS: taste from epiglottis region of tongue GVM: smooth muscles of pharynx, larynx and most of the GIT. SVM: most muscles of pharynx and larynx.
			<i>GVS</i>	
			<i>SVS</i>	
			<i>GVM</i>	
			<i>SVM</i>	
11 (CNXI)	Spinal accessory	Jugular f.	Motor (<i>GSM</i> & <i>SVM</i>)	GSM: trapezius and sternocleidomastoid. SVM: a few fibres run with CNX to viscera.
12 (CNXII)	Hypoglossal	Hypoglossal canal	Motor (<i>GSM</i>)	Intrinsic and extrinsic tongue muscles (except the palatoglossus).