



# CRANIAL NERVES SUMMARY TABLE

NERVE	MODALITY	FIBRE TYPE	FUNCTION	FORAMEN
<b>I - Olfactory</b>	Sensory	SVA	Smell	Cribriform plate
<b>II - Optic</b>	Sensory	SSA	Vision	Optic canal
<b>III - Oculomotor</b>	Motor	GSE, GVE	Extraocular muscles and eyelid elevator	Superior orbital fissure
<b>IV - Trochlear</b>	Motor	GSE	Superior oblique muscle	Superior orbital fissure
<b>V - Trigeminal</b>	Both	GSA GSA GSA, SVE	V1 – ophthalmic – face sensation V2 – maxillary – face sensation V3 – mandibular – face sensation	V1 – superior orbital fissure V2 – foramen rotundum V3 – foramen ovale
<b>VI - Abducens</b>	Motor	GSE	Lateral rectus	Superior orbital fissure
<b>VII - Facial</b>	Both	GSA, SVA, GVE, SVE	Muscles of facial expression + stapedius Taste to the anterior 2/3 of the tongue Tear and salivary ducts	Internal acoustic meatus to stylomastoid foramen
<b>VIII - Vestibulocochlear</b>	Sensory	SSA	Balance – vestibular division Hearing – cochlear division	Internal acoustic meatus
<b>IX - Glossopharyngeal</b>	Both	GSA, SVA, GVE, SVE	Taste for posterior 1/3 of tongue Sensation to pharynx Innervates stylopharyngeus	Jugular foramen
<b>X - Vagus</b>	Both	GSA, SVA, GVA, GVE, SVE	Parasympathetic innervation to viscera above splenic flexure Laryngeal muscles and palatoglossus	Jugular foramen
<b>XI - Accessory</b>	Motor	GSE	Motor control to SCM and trapezius	Jugular foramen
<b>XII - Hypoglossal</b>	Motor	GSE	Innervates tongue muscles except palatoglossus	Hypoglossal canal