



CRANIAL NERVES SUMMARY TABLE

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