

Cranial Nerve	Types of Fibers	Passages Traversed	Major Branches
I - Olfactory	special sensory - smell	olfactory foramina	none
II - Optic	special sensory - vision	optic canal	none
III - Oculomotor	somatic motor - eye muscles visceral motor - iris and ciliary muscles	superior orbital fissure	none
IV - Trochlear	somatic motor - superior oblique muscle	superior orbital fissure	none
V - Trigeminal V ₁ - Ophthalmic	general sensory - eyes, upper portion of face, nose and philtrum of the lip	superior orbital fissure	none
V - Trigeminal V ₂ - Maxillary	general sensory - midface including tissues of oral cavity associated with the maxilla	foramen rotundum inferior orbital fissure infraorbital foramen (as infraorbital nerve)	greater palatal lesser palatal zygomatic posterior superior alveolar infraorbital middle superior alveolar anterior superior alveolar

<p>V - Trigeminal V₃ - Mandibular</p>	<p>general sensory - lower face following the mandible including oral structures in the lower jaw and the tongue</p> <p>Somatic motor - muscles of mastication, tensor veli palatini, anterior belly of the digastric, tensor tympani and the mylohyoid</p>	<p>foramen ovale</p> <p>mandibular foramen</p> <p>mandibular canal (as inferior alveolar)</p> <p>mental foramen (as mental - a branch of the inferior alveolar)</p>	<p>muscular branches</p> <p>lingual</p> <p>inferior alveolar</p> <p>mental</p> <p>incisive</p>
<p>VI - Abducens</p>	<p>somatic motor - lateral rectus muscle</p>	<p>superior orbital fissure</p>	<p>none</p>
<p>VII - Facial</p>	<p>somatic motor - muscles of facial expression, stylohyoid, posterior belly of the digastric and the stapedius.</p> <p>visceral motor - lacrimal, submandibular, sublingual and minor salivary glands</p> <p>general sensory - portion of pharynx and small area around ear</p> <p>special sensory - taste to the anterior 2/3 of the tongue</p>	<p>internal acoustic meatus</p> <p>stylomastoid foramen</p> <p>petrotympanic fissure (as chorda tympani)</p> <p>hiatus of the greater petrosal nerve (as greater petrosal)</p> <p>foramen lacerum (as greater petrosal)</p>	<p>greater petrosal</p> <p>chorda tympani</p> <p>muscular branches (temporal, zygomatic, buccal, marginal mandibular, cervical)</p>
<p>VIII - Vestibulocochlear, Statoacoustic, Acoustic</p>	<p>special sensory - hearing and equilibrium</p>	<p>internal acoustic meatus</p>	<p>vestibular</p> <p>cochlear</p>

IX - Glossopharyngeal	<p>somatic motor - stylopharyngeus muscle</p> <p>visceral motor - parotid salivary gland</p> <p>general sensory - posterior 1/3rd of tongue, portions of both the pharynx and larynx and to some skin around the ear</p> <p>special sensory - taste to the posterior 1/3 of the tongue</p>	jugular foramen	tympanic
X- Vagus	<p>somatic motor - all palatal muscles except the tensor veli palatini, all muscles of the pharynx except the stylopharyngeus, laryngeal muscles</p> <p>visceral motor - thoracic and abdominal viscera except the distal 1/3rd of the colon</p> <p>general sensory - a small area around ear</p> <p>special sensory - taste from the taste buds of the pharynx</p>	jugular foramen	<p>superior laryngeal</p> <p>laryngeal</p> <p>recurrent laryngeal</p>
XI - Spinal Accessory	somatic motor - trapezius and sternocleidomastoid muscles	jugular foramen	none
XII - Hypoglossal	somatic motor - intrinsic and extrinsic muscles of the tongue except the palatoglossus	hypoglossal canal	none