

ANATOMY CHART: BRAIN STEM & CRANIAL NERVES

[Anterior View of Brain Stem Diagram Placement]

No.	Nerve Name	Type	Primary Function
I	Olfactory	SENSORY	Smell
II	Optic	SENSORY	Vision
III	Oculomotor	MOTOR	Eye movement; pupil constriction
IV	Trochlear	MOTOR	Eye movement (Superior oblique)
V	Trigeminal	MIXED	Somatosensory (face); Mastication
VI	Abducens	MOTOR	Eye movement (Lateral rectus)
VII	Facial	MIXED	Facial expression; Taste (anterior 2/3)
VIII	Vestibulocochlear	SENSORY	Hearing; Balance
IX	Glossopharyngeal	MIXED	Taste (posterior 1/3); Swallowing
X	Vagus	MIXED	Autonomic functions (Gut, Heart)

No.	Nerve Name	Type	Primary Function
XI	Accessory	MOTOR	Shoulder shrug; Head turning
XII	Hypoglossal	MOTOR	Tongue movement