

CRANIAL NERVES

Nerve:

Conduct Impulses:

Main Functions:

I	1. Olfactory	[Nose → brain]	[sense of smell]
II	2. Optic	[eye → brain]	[vision]
III	3. Oculomotor	[brain → eye]	[eye movements]
IV	4. Trochlear	[brain → external eye muscles]	[eye movements]
V	5. Trigeminal	[skin & mucous memb. of head and teeth → brain brain → chewing muscles]	[sensations of taste, scalp & teeth. chewing movements]
VI	6. Abducens	[brain → external eye muscles]	[eye movements]
VII	7. Facial	[taste buds → brain brain → face muscles]	[sense of taste. contraction of muscle of facial expression]
VIII	8. Vestibulocochlear	[ear to brain]	[hearing. sense of balance]
IX	9. Glossopharyngeal	[throat & taste buds → brain brain → throat muscles & salivary glands]	[sense of throat, taste, swallowing movements & secretion of saliva]
X	10. Vagus	[throat, larynx, organs in thoracic & abdomen cavities → brain. brain → muscles of throat & organs in thoracic and abdomen cavities.]	[cough of throat, larynx, thoracic and abdomen organs. swallowing, voice production, slowing HE, accel. of peristalsis]
XI	11. Accessory	[brain → certain shoulders/neck muscles]	[shoulder movements. turning of head]
XII	12. Hypoglossal	[brain → muscles of tongue]	[tongue movements]