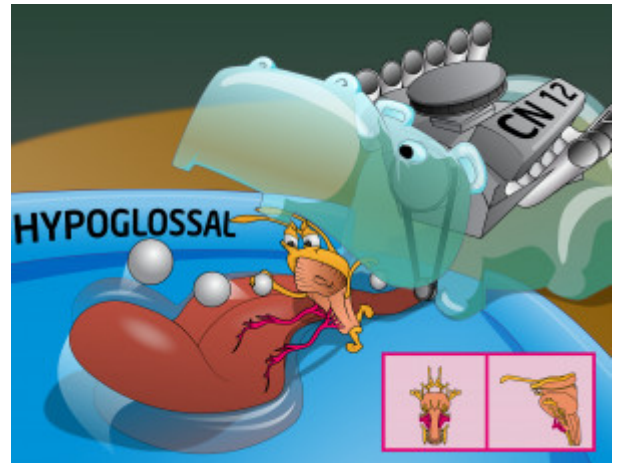


CN XII

CN XII is also known as the hypoglossal nerve. This is a motor nerve that is responsible for tongue movement. It should be noted that unilateral damage will lead to tongue deviation TOWARD the affected side.



PLAY PICMONIC

Hypoglossal Nerve

Hippo-glass

The nucleus of the hypoglossal nerve exists in the medulla, lateral to the midline and under the floor of the fourth ventricle. CN XII exits the skull via the hypoglossal canal.

Motor

Motor

CN XII motor function is tested by ensuring the patient can move his/her tongue side to side and that there is no deviation.

Tongue Movement

Tongue Moving

Each CN XII innervates the ipsilateral side of the tongue; unilateral damage will lead to tongue deviation TOWARD the affected side.