

CNVI Abducens Nerve

Nathaniel Yomogida, SPT

Chloë Kerstein, SPT

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Abducens nucleus:

- Location: Pontine tegmentum

Pathway:

- Abducens nucleus -> emerge @ Pontomedullary junction -> Enter cavernous sinus -> superior orbital fissure -> Lateral rectus muscle
- Axons move ventrally (emerge @ junction of pons & Medulla pyramids) -> Enter cavernous sinus -> Enter orbit @ medial end of superior orbital fissure -> innervate ipsilateral LR muscle (Abduction)