

Midbrain

Mesencephalon

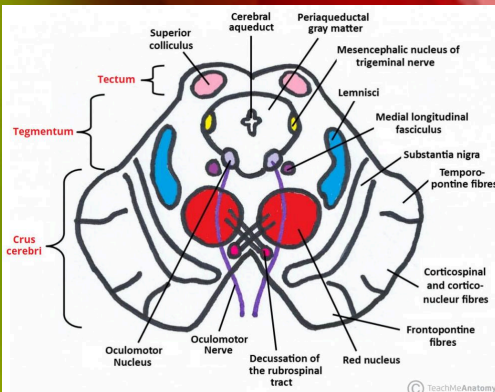
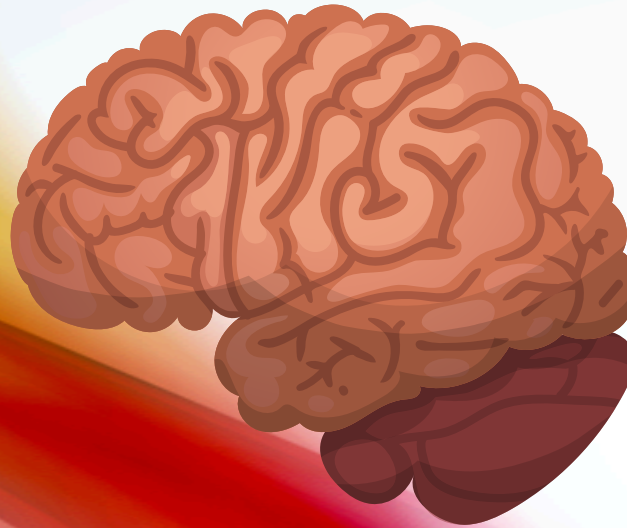
Damage to the midbrain can lead to Parinaud's Syndrome, Webers's Syndrome, Claude's Syndrome, Benedikt's Syndrome, and Nothnagel's Syndrome

Inferior colliculus nuclei represents a triad of grey matter nuclei, which plays a role in the auditory pathways.

The midbrain consists of three parts: the tectum, the tegmentum and the basis.

The midbrain is responsible for processing visual and auditory information

The midbrain vasculature is primarily supplied by the posterior cerebral circulation, including the basilar, superior cerebellar, and posterior cerebral arteries.



Tegmentum contains majority of the midbrain white matter tracts and nuclear groups at the level of the inferior colliculus.