

NEUROANATOMY: HUMAN BRAIN STEM

Anatomical Reference Chart

[ILLUSTRATION: ANTERIOR & LATERAL VIEW OF BRAIN STEM]

MAJOR DIVISIONS

- Midbrain (Mesencephalon)
- Pons (Metencephalon)
- Medulla Oblongata (Myelencephalon)

MIDBRAIN STRUCTURES

- Superior Colliculi Visual Reflex
- Inferior Colliculi Auditory Pathway
- Cerebral Peduncles Motor Tracts
- Substantia Nigra Dopamine Production

CRANIAL NERVE NUCLEI

- CN III - IV Midbrain Origin
- CN V - VIII Pontine Origin
- CN IX - XII Medullary Origin

MEDULLA & PONS

- Pyramids Decussation Point
- Olive Cerebellar Input
- Pontine Tegmentum Reticular Formation
- Fourth Ventricle CSF Pathway