

ANATOMY OF THE HUMAN BRAIN STEM

THALAMUS

MIDBRAIN (Mesencephalon)

PONS

PINEAL BODY

MEDULLA OBLONGATA

SPINAL CORD

MIDBRAIN

Associated with vision, hearing, motor control, sleep/wake, arousal, and temperature regulation.

PONS

Relays signals from the forebrain to the cerebellum; deals primarily with sleep, respiration, and bladder control.

MEDULLA

Contains the cardiac, respiratory, vomiting, and vasomotor centers and regulates autonomic, involuntary functions.