

neuroanatomy-lab-handout.md

Directional terms

Direction	Brain Model	Specimen	Atlas
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Rostral/caudal

Anterior/posterior

Medial/lateral

Dorsal/ventral

Superior/inferior

Planes of Section

Plane	Brain Model	Specimen	Atlas
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Sagittal

Coronal/frontal

Axial/horizontal/transverse

Brain Structure

Structure	Brain Model	Specimen	Atlas
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Forebrain

Midbrain

Hindbrain

Surface of Cerebral Cortex

Structure	Brain Model	Specimen	Atlas
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Central sulcus

Lateral sulcus/fissure

Longitudinal fissure

Cerebral hemispheres

Parietal lobe

Frontal lobe

Insular cortex

Temporal lobe

Occipital lobe

Surface of Cerebral Cortex

Structure	Brain Model	Specimen	Atlas
Precentral gyrus			
Postcentral gyrus			
Superior temporal gyrus			

Fiber tracts

Structure	Brain Model	Specimen	Atlas
Corpus callosum			
Anterior commissure			
Posterior commissure			
Olfactory nerve, Ist			
Optic nerve/tract, IInd			
Optic chiasm			
Fornix			

Subcortical structures

Structure	Brain Model	Specimen	Atlas
Caudate nucleus			
Putamen			
Globus Pallidus			
Thalamus			
Hypothalamus			
Pituitary gland			
Hippocampus			
Amygdala			

Midbrain

Structure	Brain Model	Specimen	Atlas
Tectum			
Superior colliculus			
Inferior colliculus			
Tegmentum			
Substantia nigra			
Ventral tegmental area			
Locus coeruleus			

Hindbrain

Structure	Brain Model	Specimen	Atlas
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Cerebellum

Pons

Medulla Oblongata

Spinal cord

Ventricles

Structure	Brain Model	Specimen	Atlas
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Lateral ventricles

3rd ventricle

Cerebral aqueduct

4th ventricle