

neuroanatomy-lab-handout.md

Directional terms

Direction	Brain Model	Specimen	Atlas
Rostral/caudal			
Anterior/posterior			
Medial/lateral			
Dorsal/ventral			
Superior/inferior			

Planes of Section

Plane	Brain Model	Specimen	Atlas
Sagittal			
Coronal/frontal			
Axial/horizontal/transverse			

Brain Structure

Structure	Brain Model	Specimen	Atlas
Forebrain			
Midbrain			
Hindbrain			

Surface of Cerebral Cortex

Structure	Brain Model	Specimen	Atlas
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
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Precentral gyrus

Postcentral gyrus

Superior temporal gyrus

Fiber tracts

Structure	Brain Model	Specimen	Atlas
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Corpus callosum

Anterior commissure

Posterior commissure

Olfactory nerve, I st

Optic nerve/tract, IInd

Optic chiasm

Fornix

Subcortical structures

Structure	Brain Model	Specimen	Atlas
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Caudate nucleus

Putamen

Globus Pallidus

Thalamus

Hypothalamus

Pituitary gland

Hippocampus

Amygdala

Midbrain

Structure	Brain Model	Specimen	Atlas
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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