

CENTRAL NERVOUS SYSTEM

You are responsible for the names and locations of the following structures of the human (or sheep) brain.

Cerebral hemispheres

gyri	frontal lobe	parietal lobe
sulci	temporal lobe	occipital lobe
longitudinal fissure	lateral sulcus	central sulcus
primary somatosensory area	primary motor area	postcentral gyrus
precentral gyrus	fornix	cerebral cortex
septum pellucidum	corpus callosum	cerebral white matter
corpus callosum	septum pellucidum	lateral ventricles

Diencephalon

olfactory bulbs/tracts	thalamus	mammillary bodies
hypothalamus	infundibulum	optic chiasma
pituitary gland	intermediate mass	third ventricle
interventricular foramen	epithalamus	pineal body
choroid plexus		

Brain stem

midbrain	cerebral peduncles	medulla oblongata
pons	corpora quadrigemina	cerebral aqueduct
middle cerebellar peduncles	pyramids	olives
fourth ventricle		

Cerebellum

vermis	folia
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Meninges

dura mater	falx cerebri	arachnoid mater
pia mater	subdural space	cerebrospinal fluid
subarachnoid space	falx cerebelli	

Cranial nerves

I olfactory*	VII facial
II optic*	VIII vestibulocochlear*
III oculomotor*	IX glossopharyngeal
IV trochlear	X vagus
V trigeminal*	XI accessory*
VI abducens	XII hypoglossal

*These nerves were found in one or more sheep brains.
Others can be found on the models.

SPINAL CORD

You are responsible for the names and locations of the following structures as seen in models.
You should also know the general functions of the major structures.

Spinal cord anatomy

- spinal meninges
- white matter--anterior, posterior, lateral funiculi
- spinal nerve, dorsal and ventral roots, dorsal root ganglia
- central canal
- posterior median sulcus, anterior median fissure
- gray matter--anterior, posterior, and lateral horns
- gray commissure