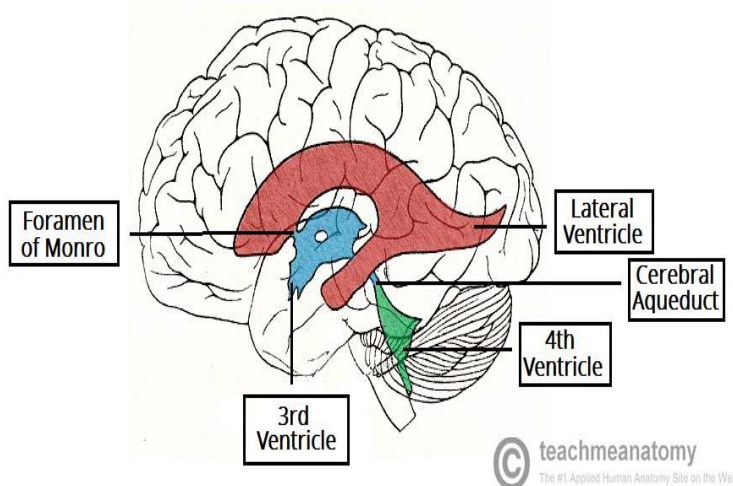




LATERAL VENTRICLE

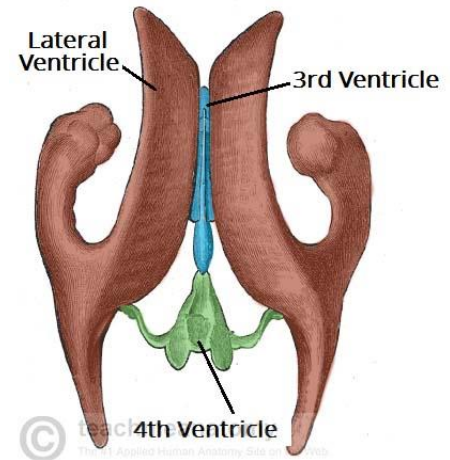
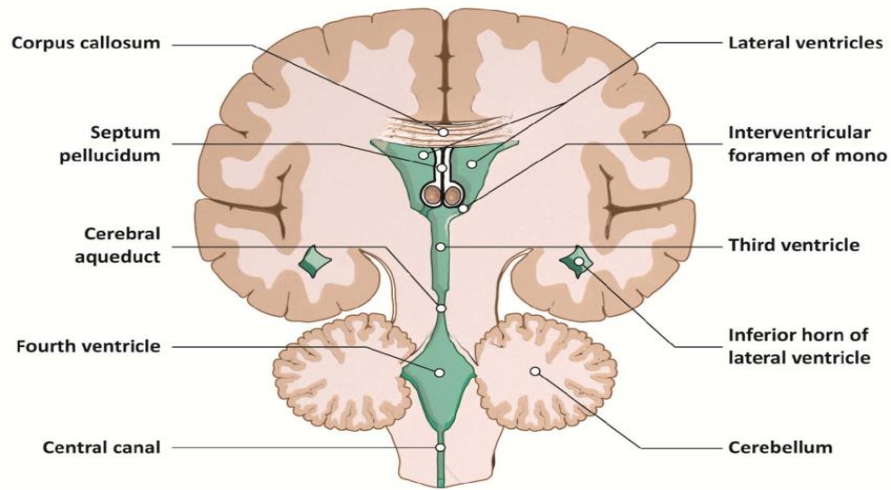
Muskaan Khalid



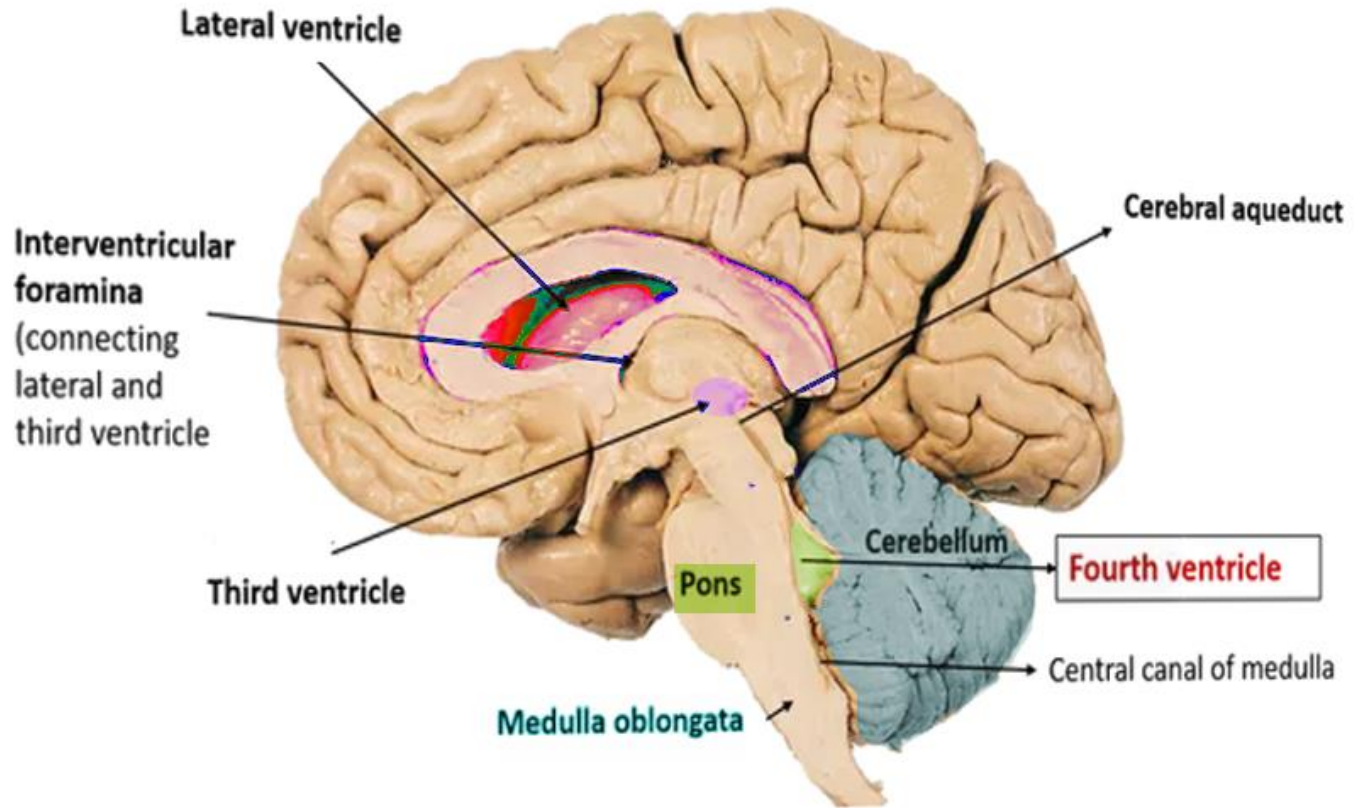


Ventricular system
of brain:
network of
communicating
cavities in brain.

- Lateral ventricle
- 3rd ventricle
- Cerebral aqueduct
- 4th ventricle



- The two ventricles are separated by the septum pellucidum that runs from corpus callosum to fornix.
- Each ventricle is connected to 3rd ventricle through interventricular foramen (foramen of Monro)
- It contains choroid plexus and ependyma cells that produce CSF.

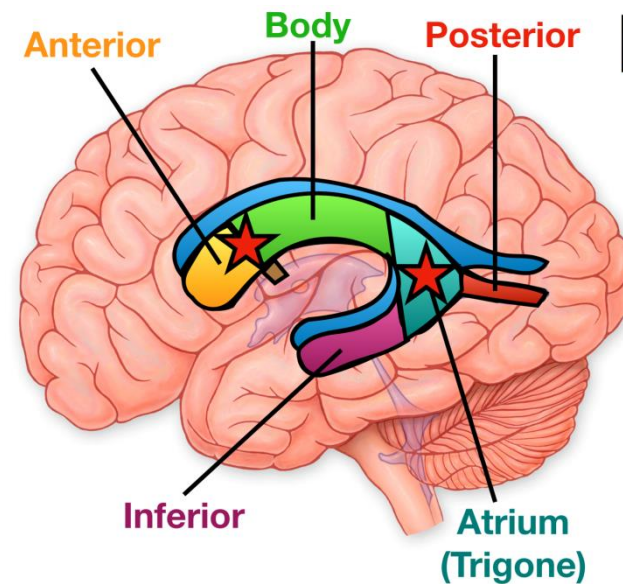


Lateral ventricle:

Right and left cerebral hemisphere have C-shaped cavities filled with CSF.

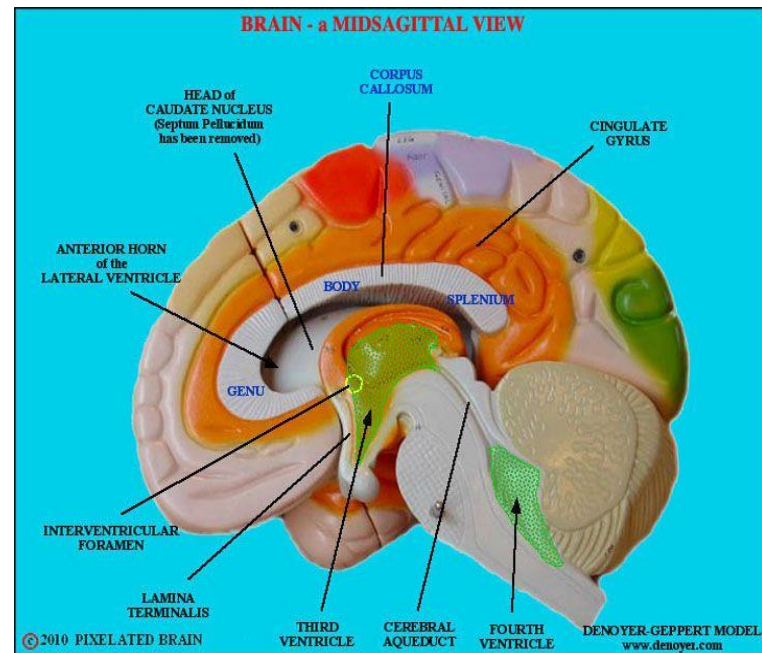
STRUCTURE:

- Anterior horn (frontal lobe)
- Body
- Posterior horn (occipital lobe)
- Inferior horn (temporal)



Body:

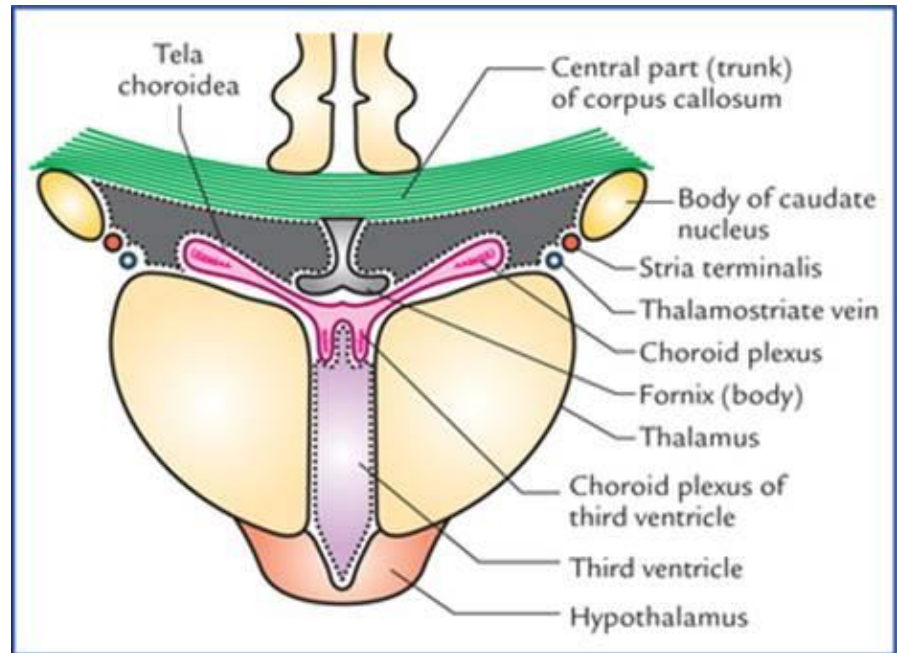
- Roof: corpus callosum
- Anteriorly: interventricular foramen
- Posteriorly: splenium of corpus callosum
- Medial wall: septum pellucidum

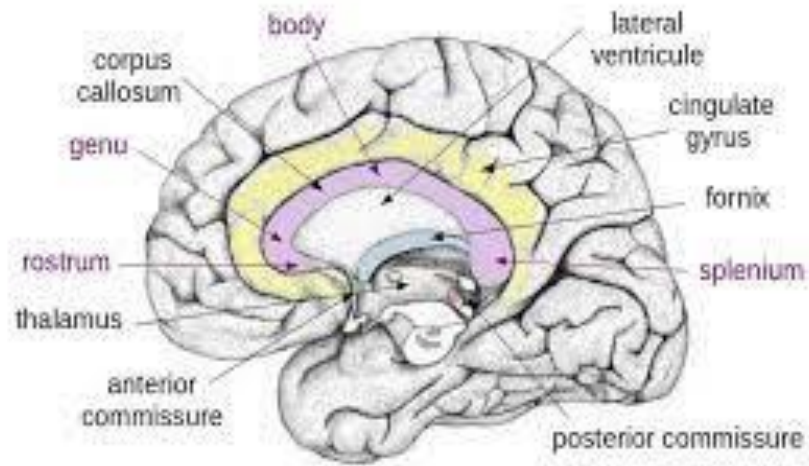


Floor:

- Lateral to medial:
- Caudate nucleus
- Stria terminalis
- Thalamus
- Choroid plexus
- Fornix

(CySTiC Fibrosis)



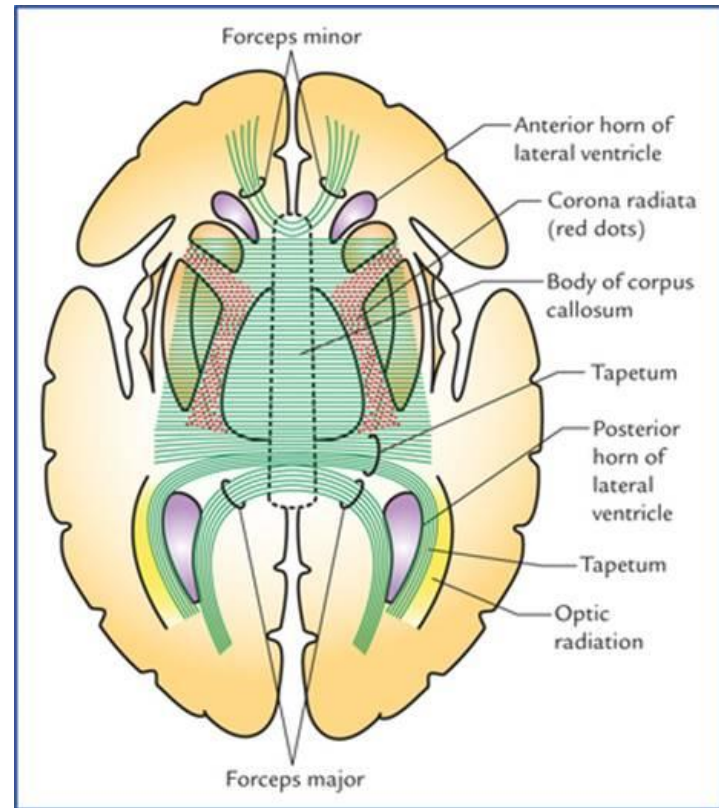


Anterior horn:

- Roof: body of corpus callosum
- Anteriorly: genu of corpus callosum
- Floor: rostrum of corpus callosum

Posterior horn:

- roof, floor, anterior wall: tapetum of splenium of corpus callosum and optic radiation.
- Medially: calcine sulcus and forceps major



- Inferior horn:
- Parallel to temporal sulcus
- largest

Roof: floor of post. horn and floor of body

Floor:

- Collateral sulcus
- Hippocampus
- Fimbria

