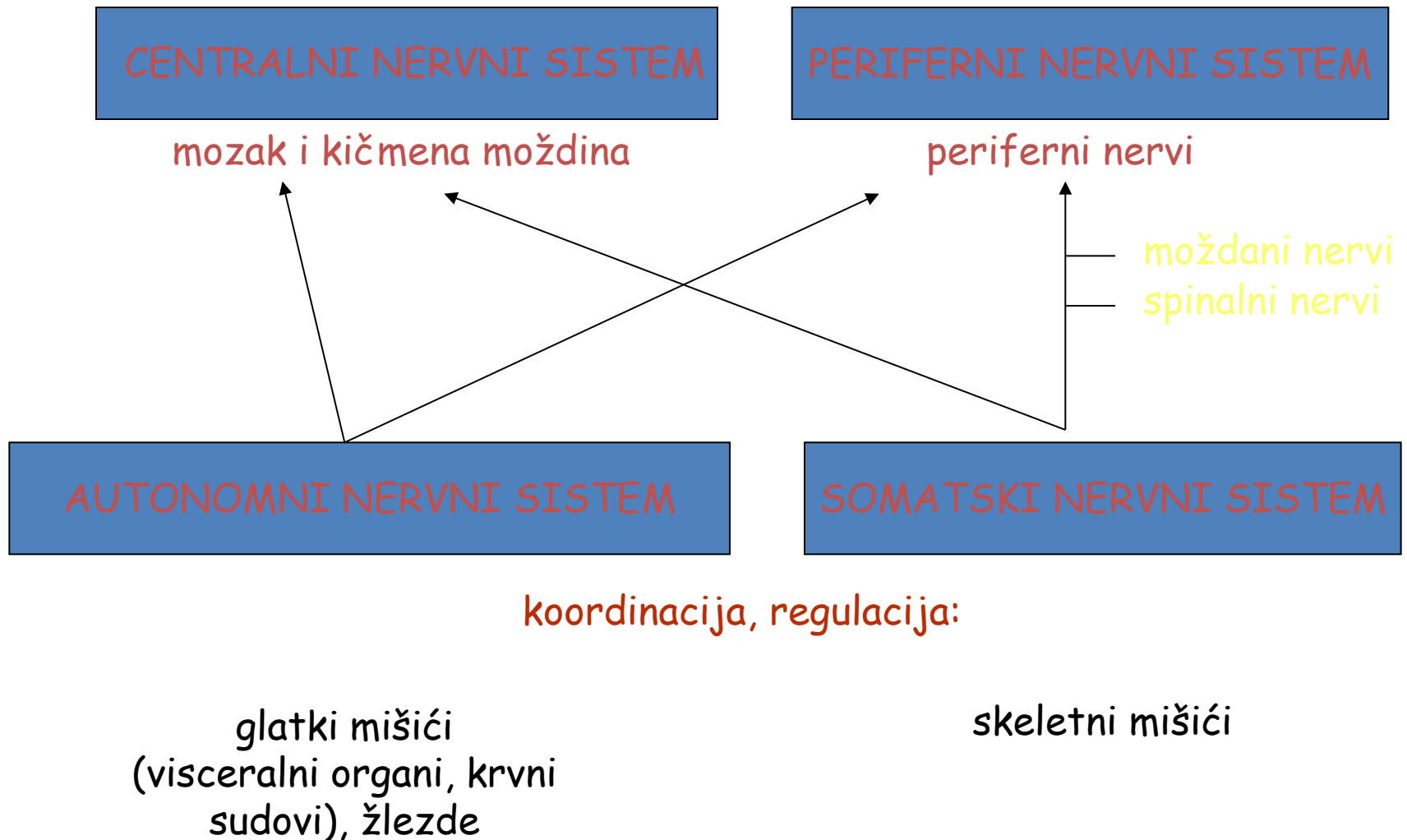


Mozak

dr Milena Đorđević

NERVNI SISTEM



horse



cow



goat



pig



ferret



rabbit



cat



dog



alpaca

Human

Elephant



Dolphin

Gorilla

Dog



Cat

Macaque

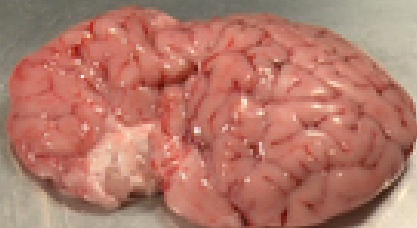
Mouse

5cm





chicken



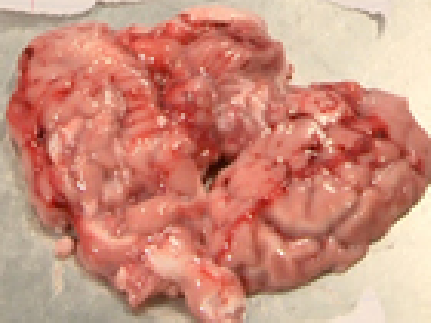
calf



Goat



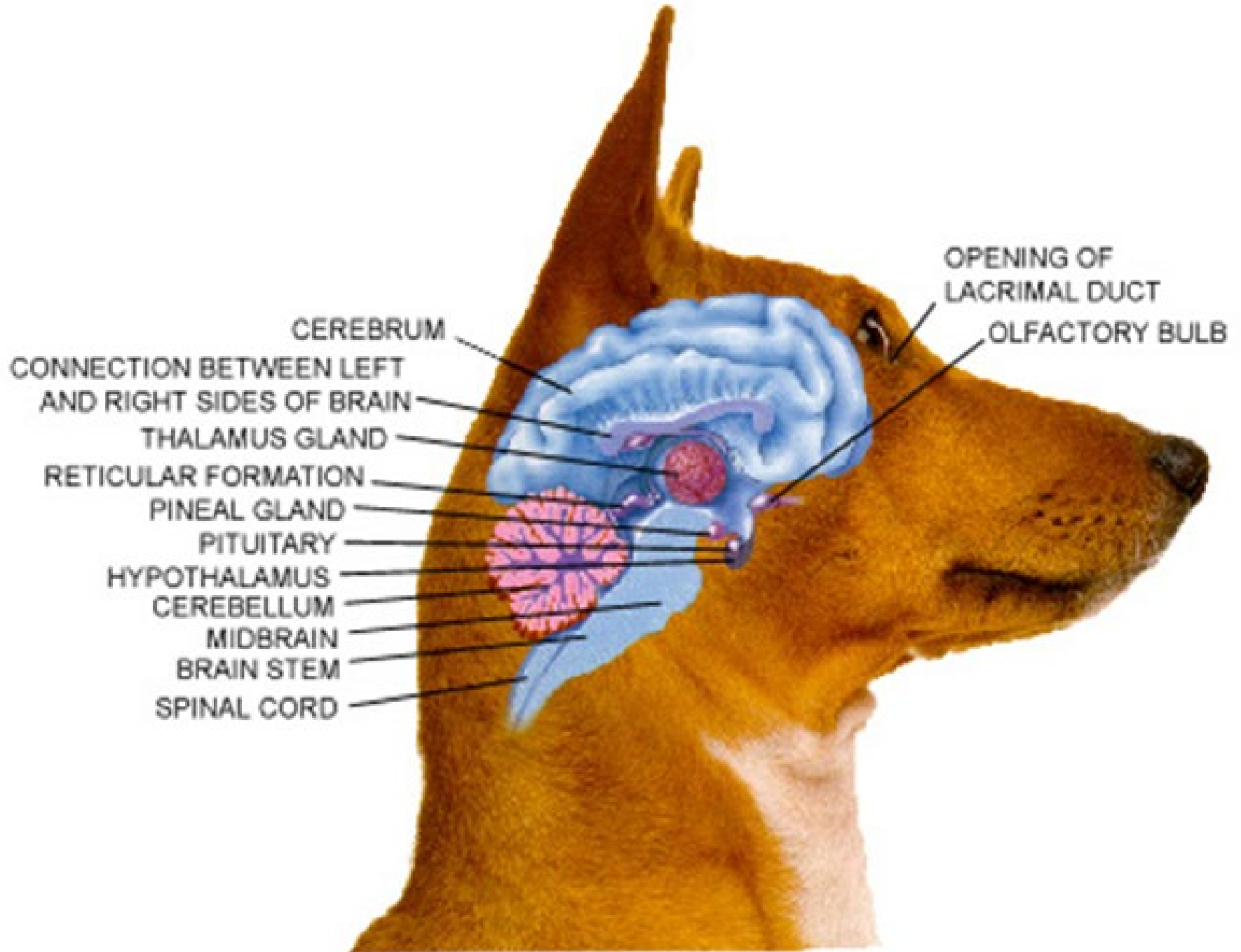
Lamb

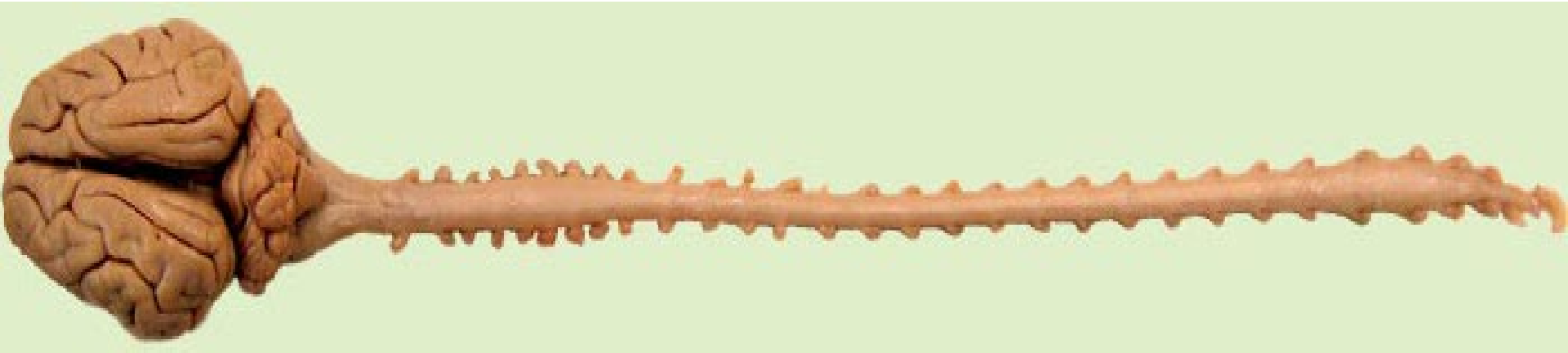


Pig

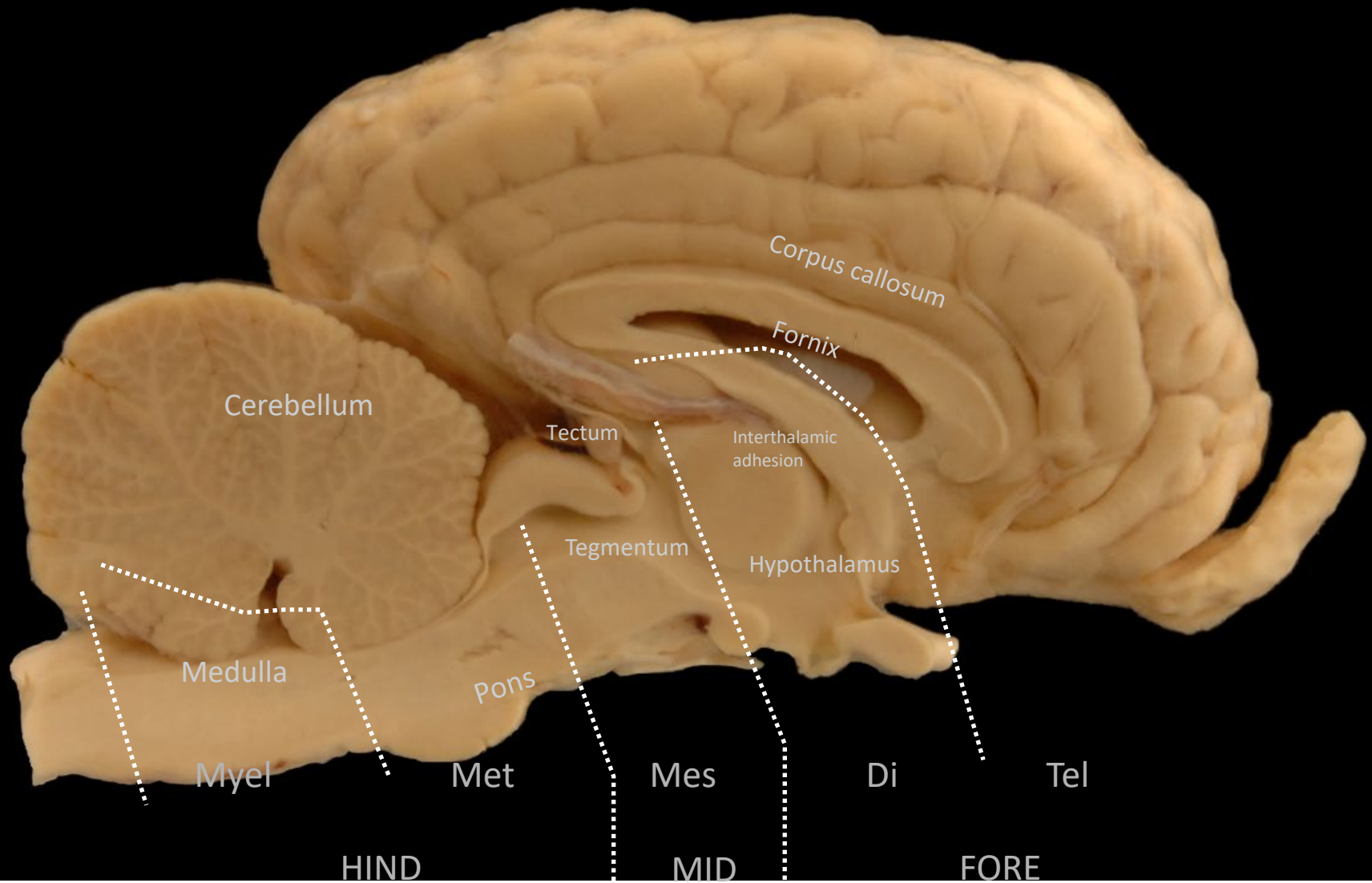


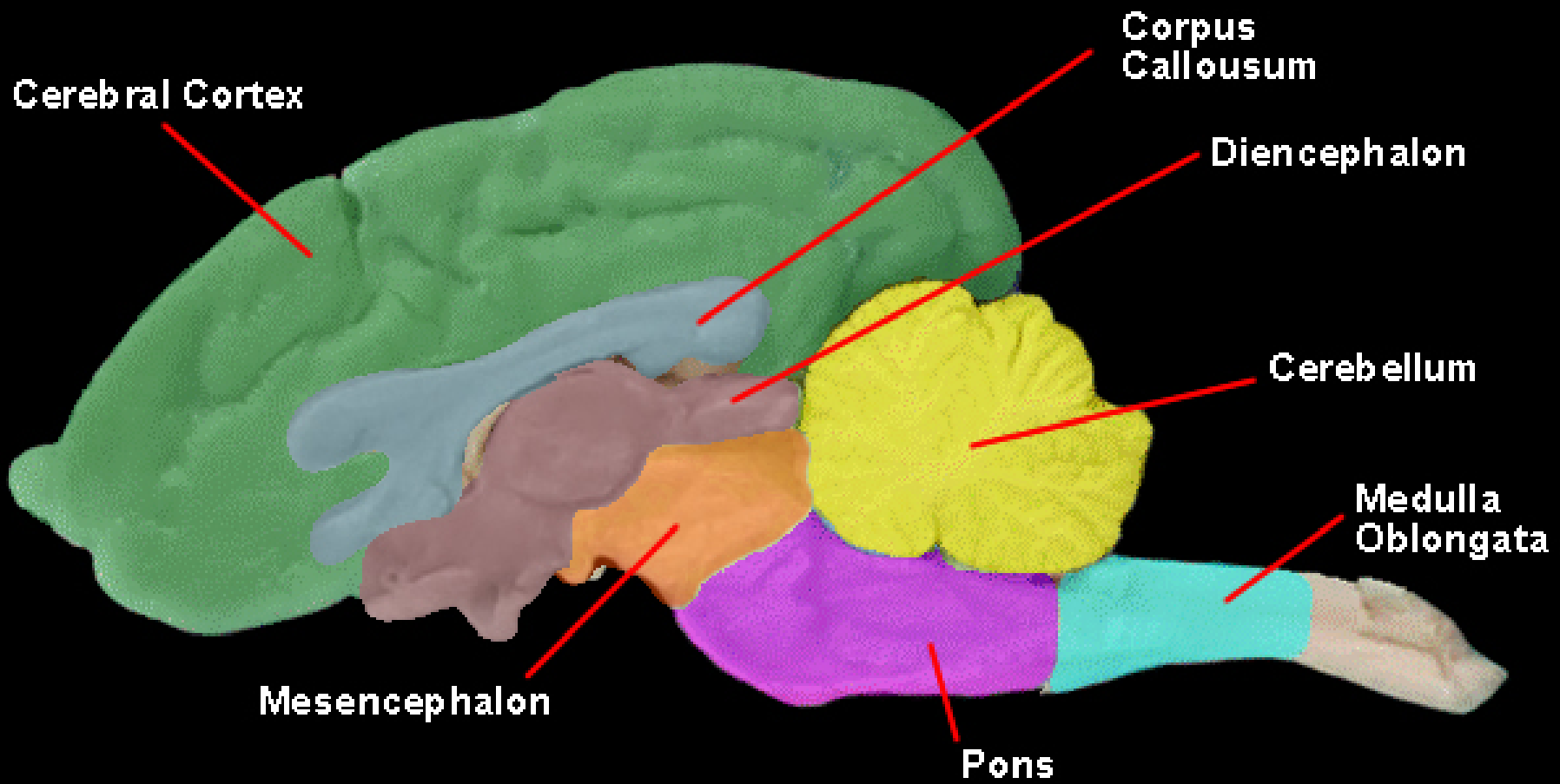
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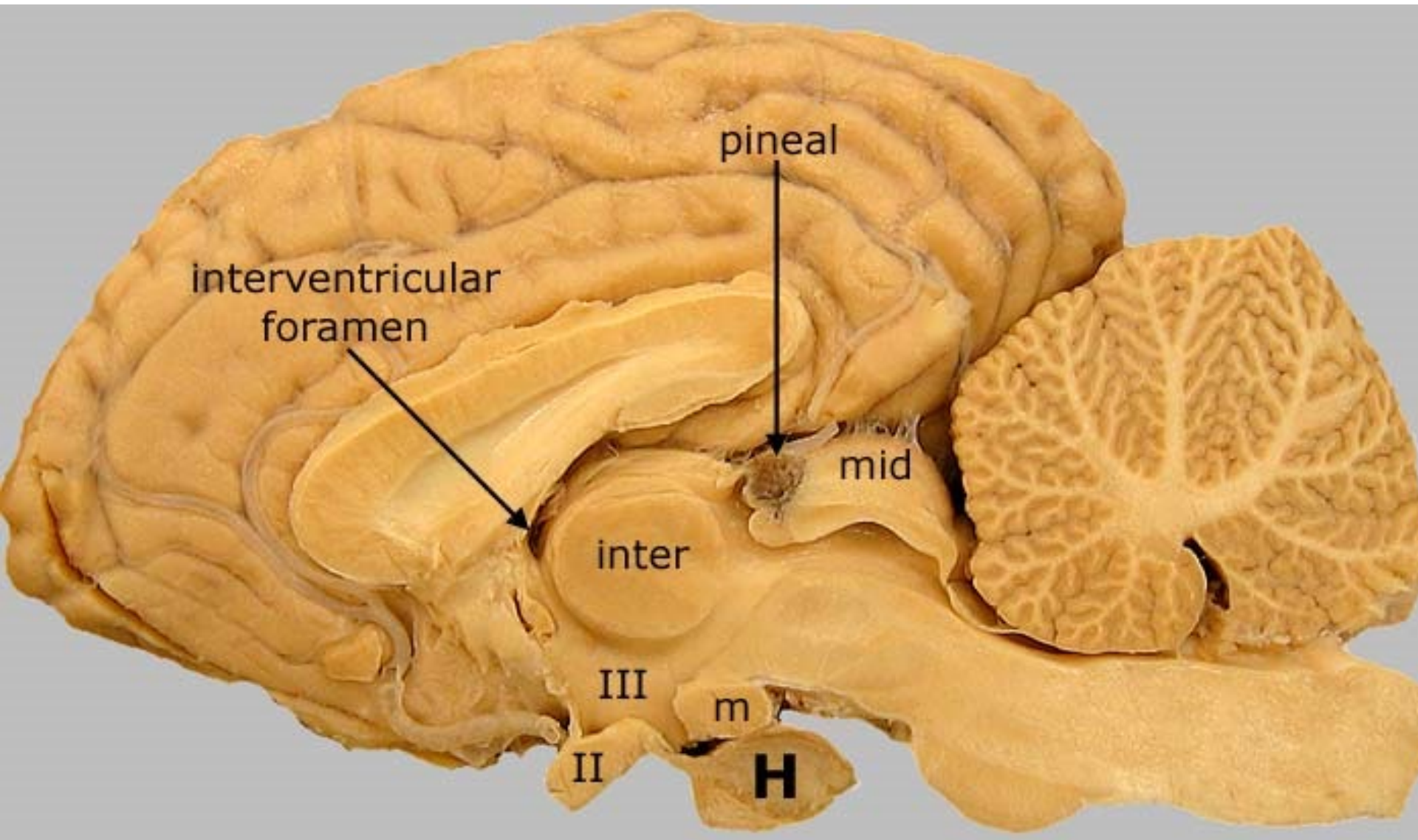


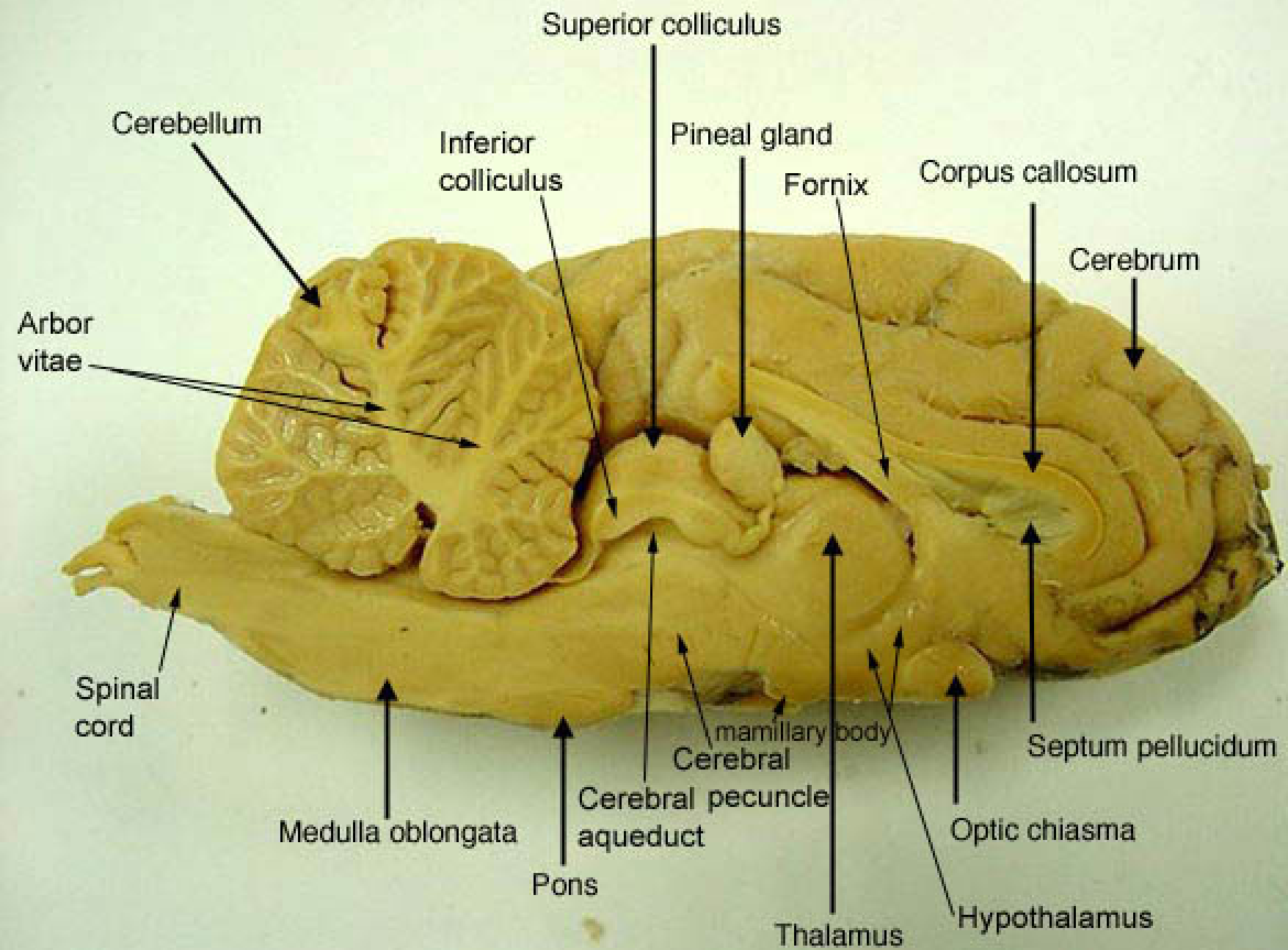
Horse brain



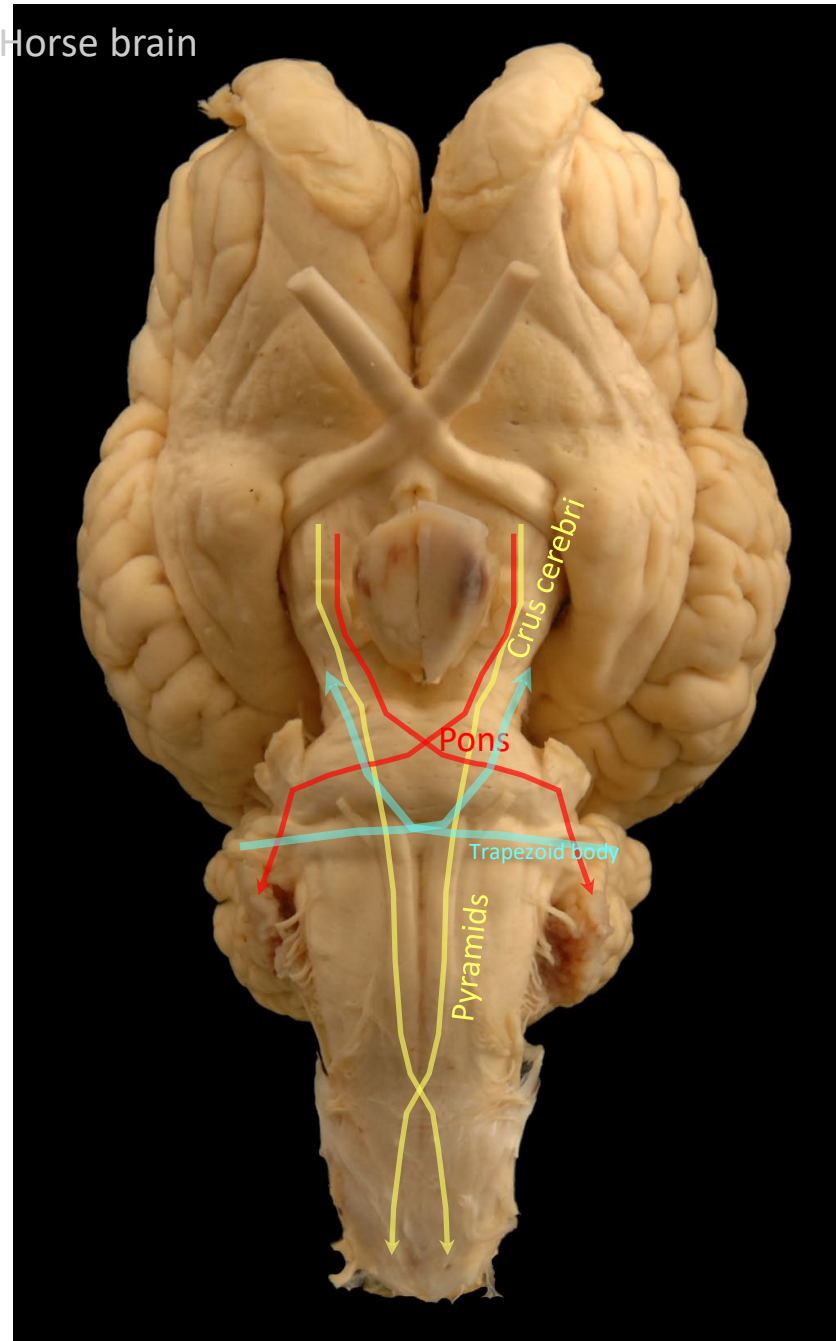








Horse brain

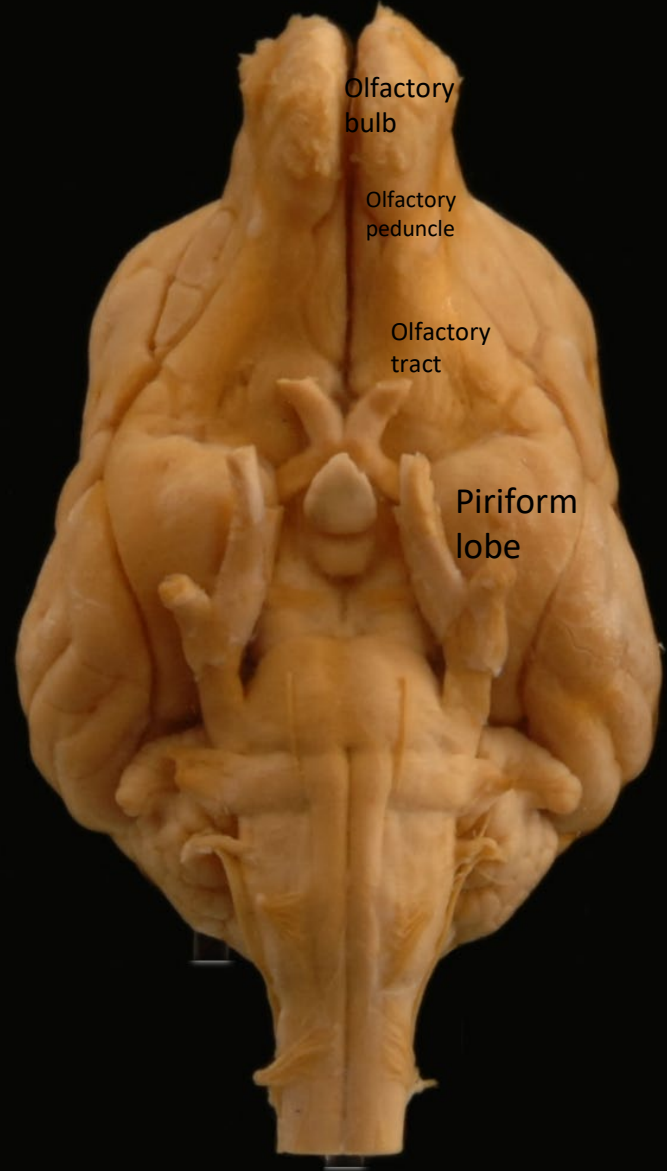


Rhinencephalon

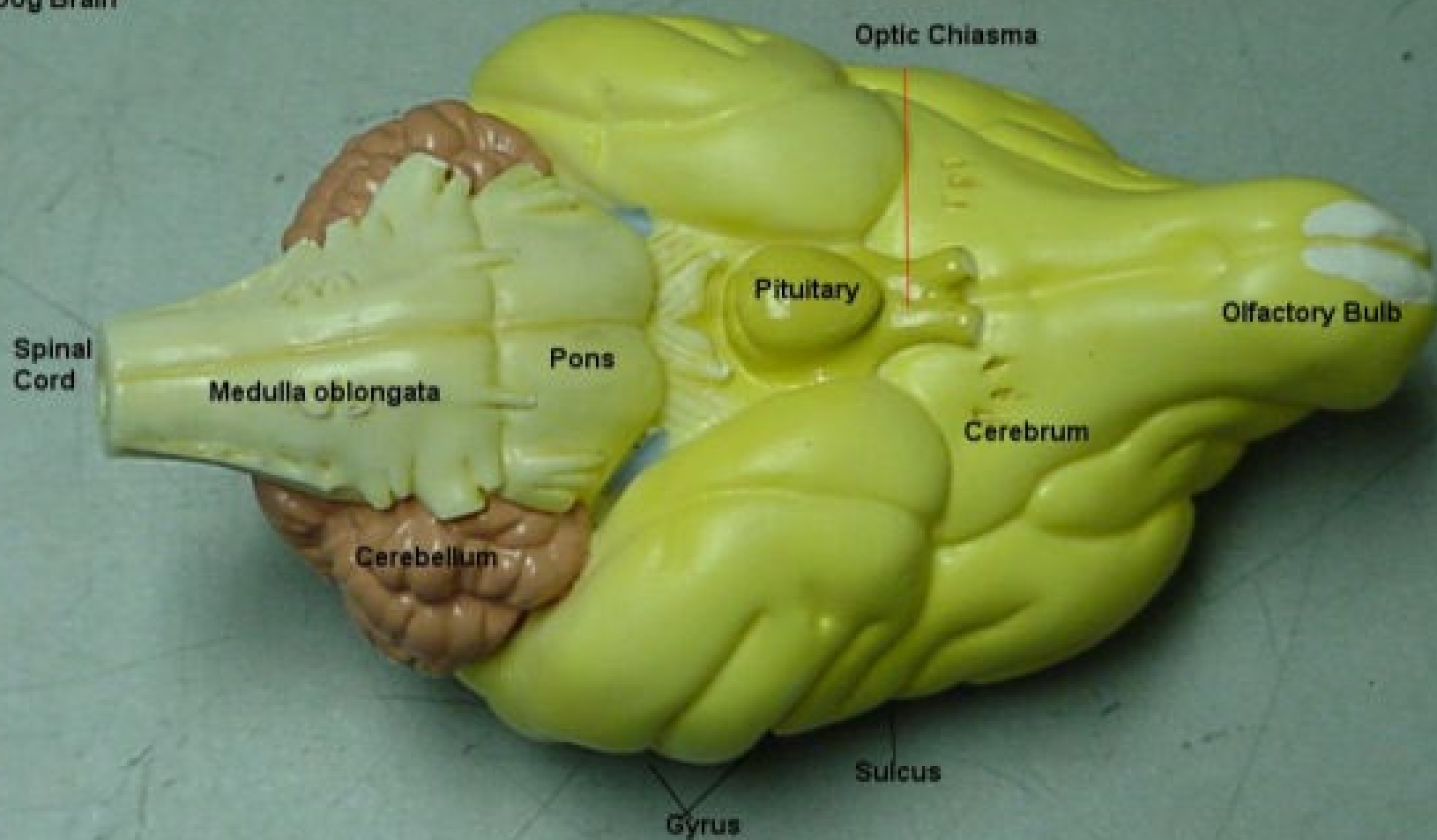
Horse brain

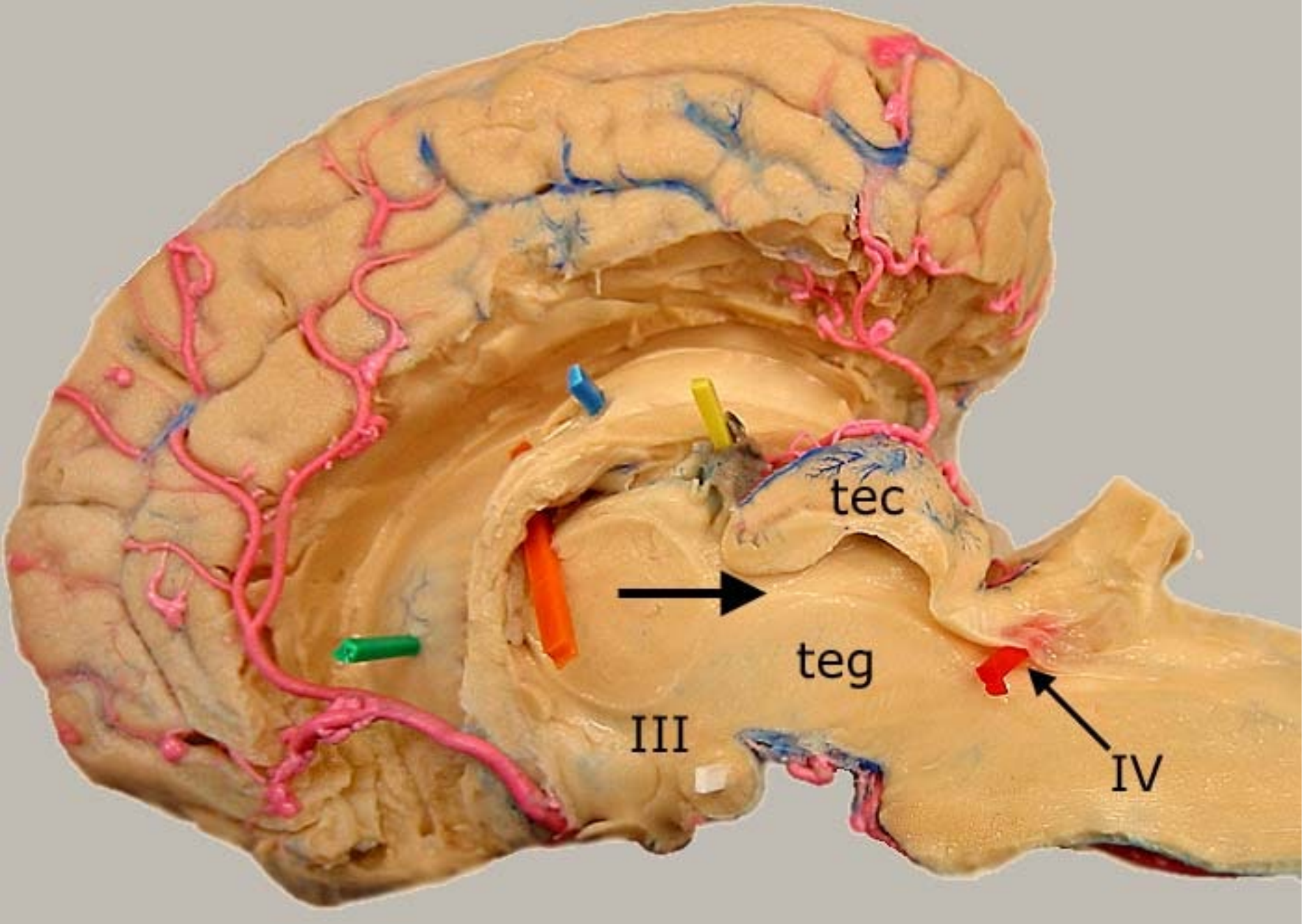


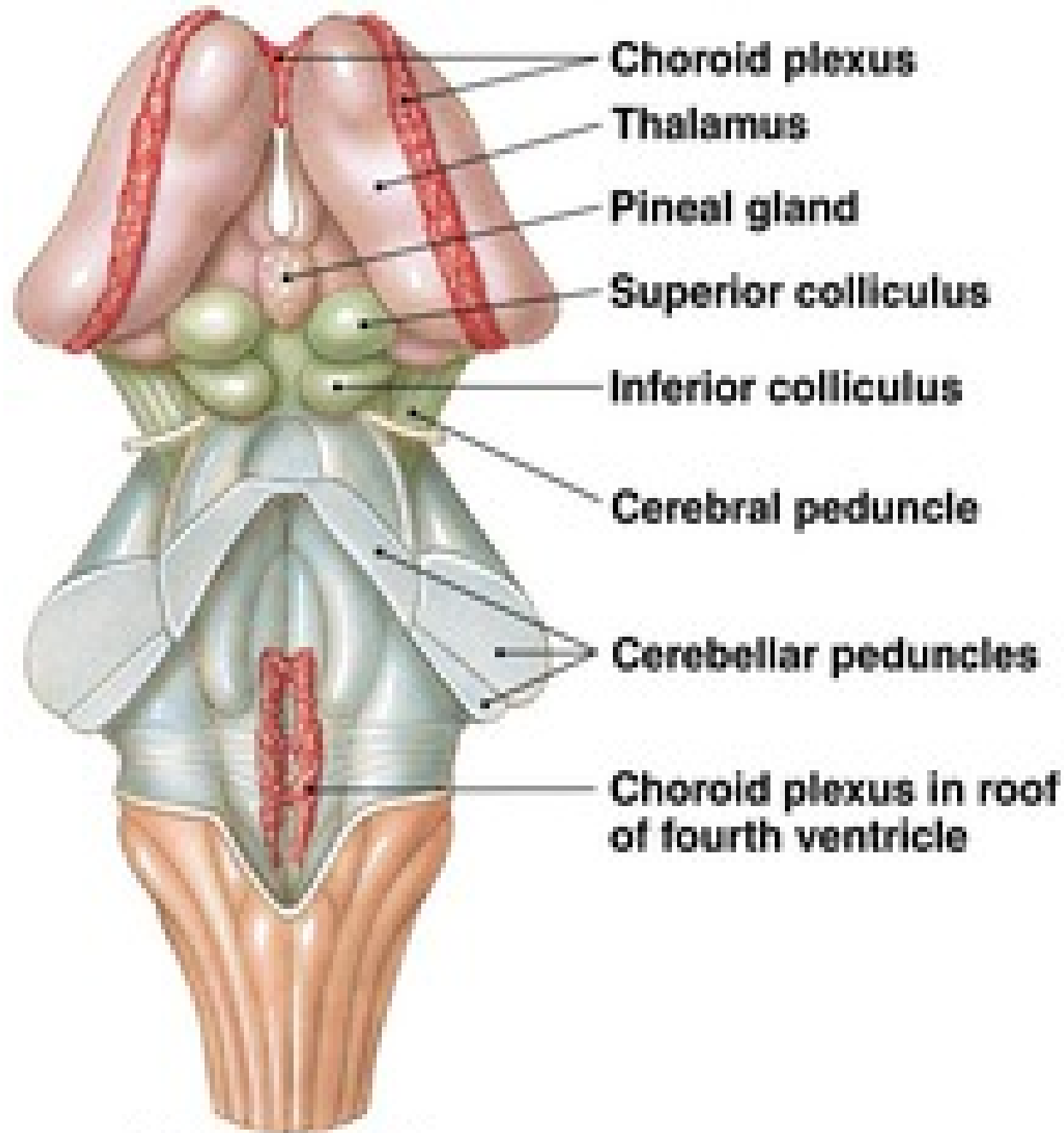
Dog brain



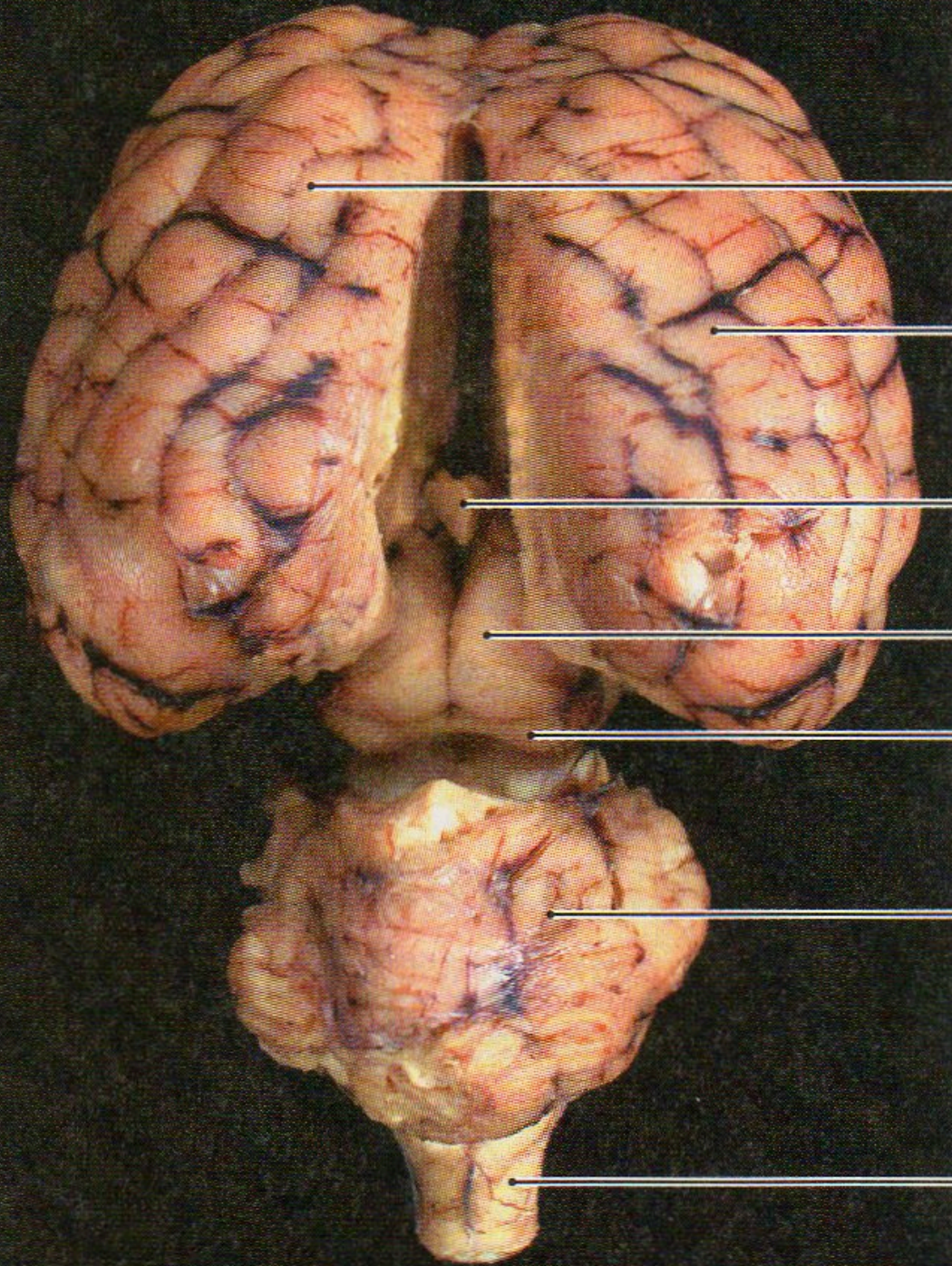
Ventral View of
Dog Brain







(b) Posterior view



Left cerebral hemisphere

Right cerebral hemisphere

Pineal gland

Superior colliculus

Inferior colliculus

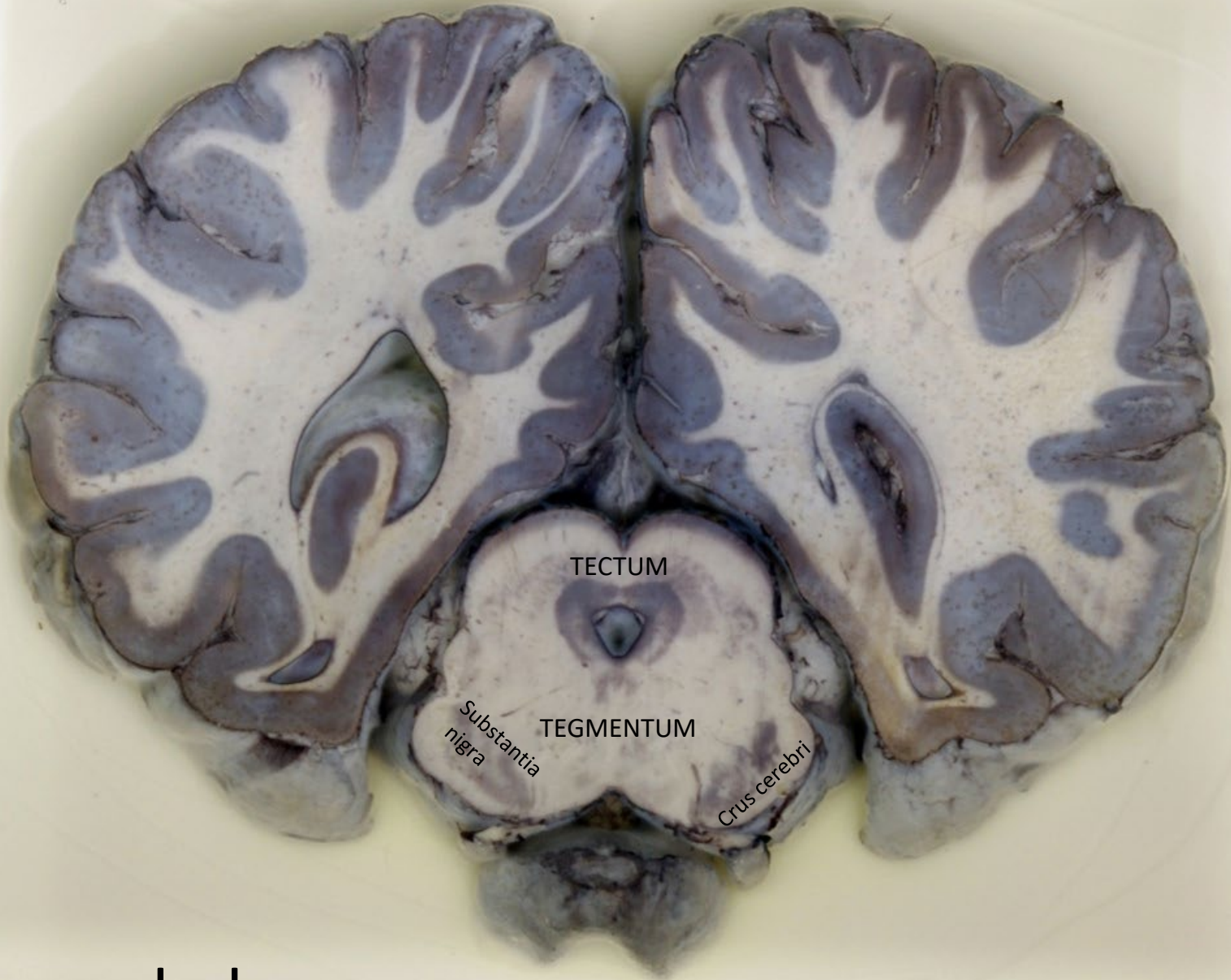
Corpora quadrigemina

Cerebellum

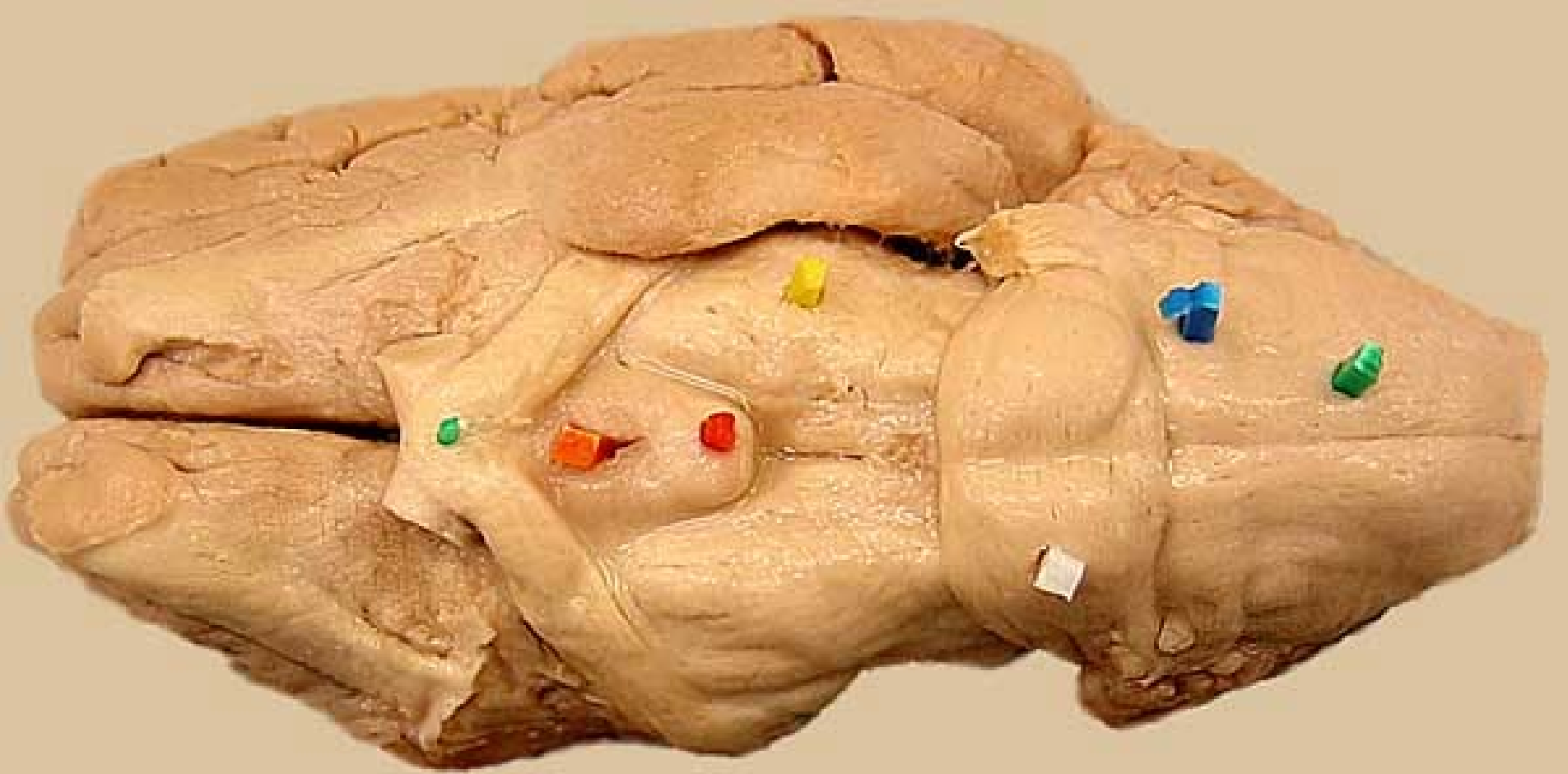
Spinal cord



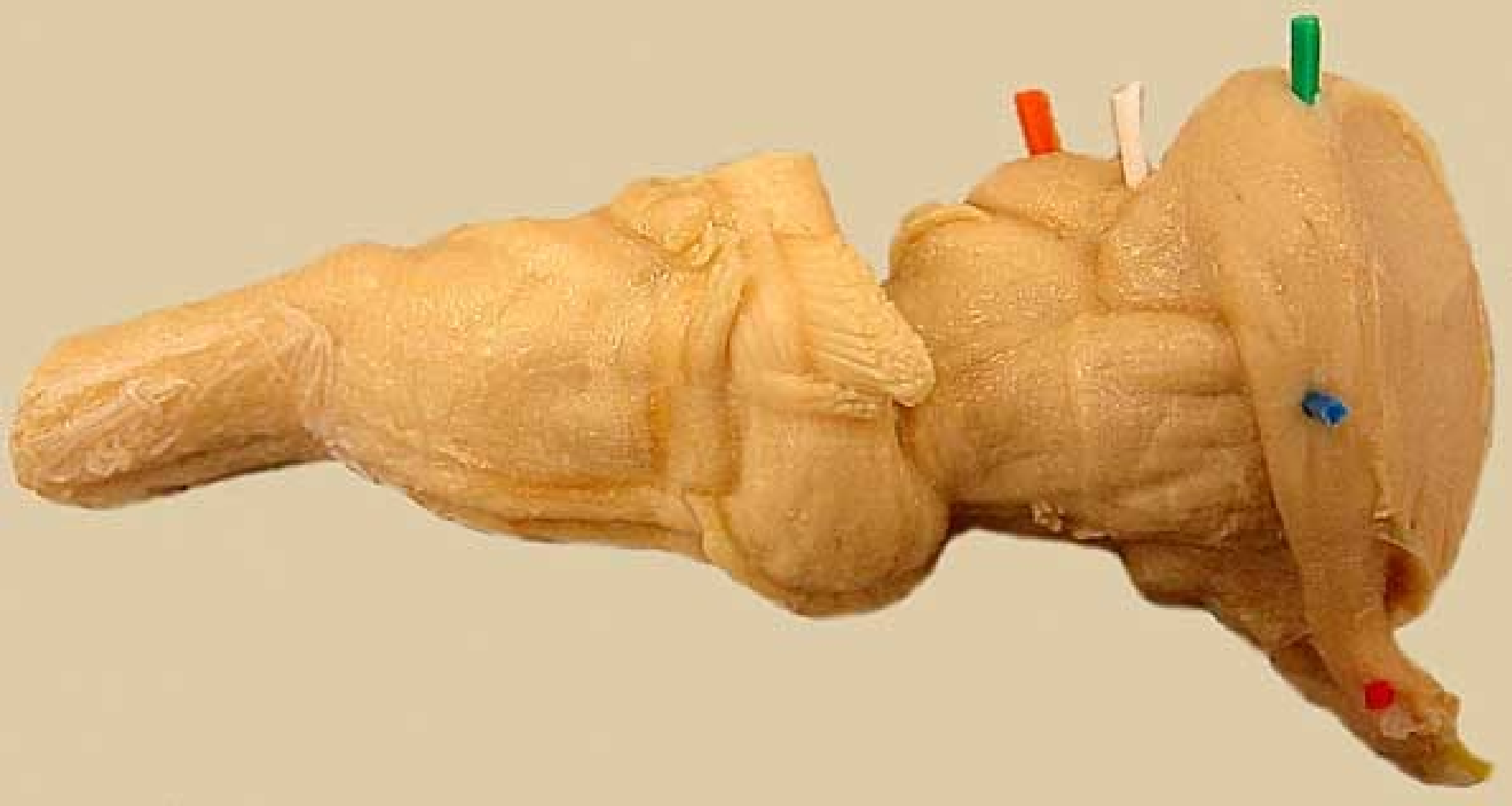
Horse brain



Mesencephalon

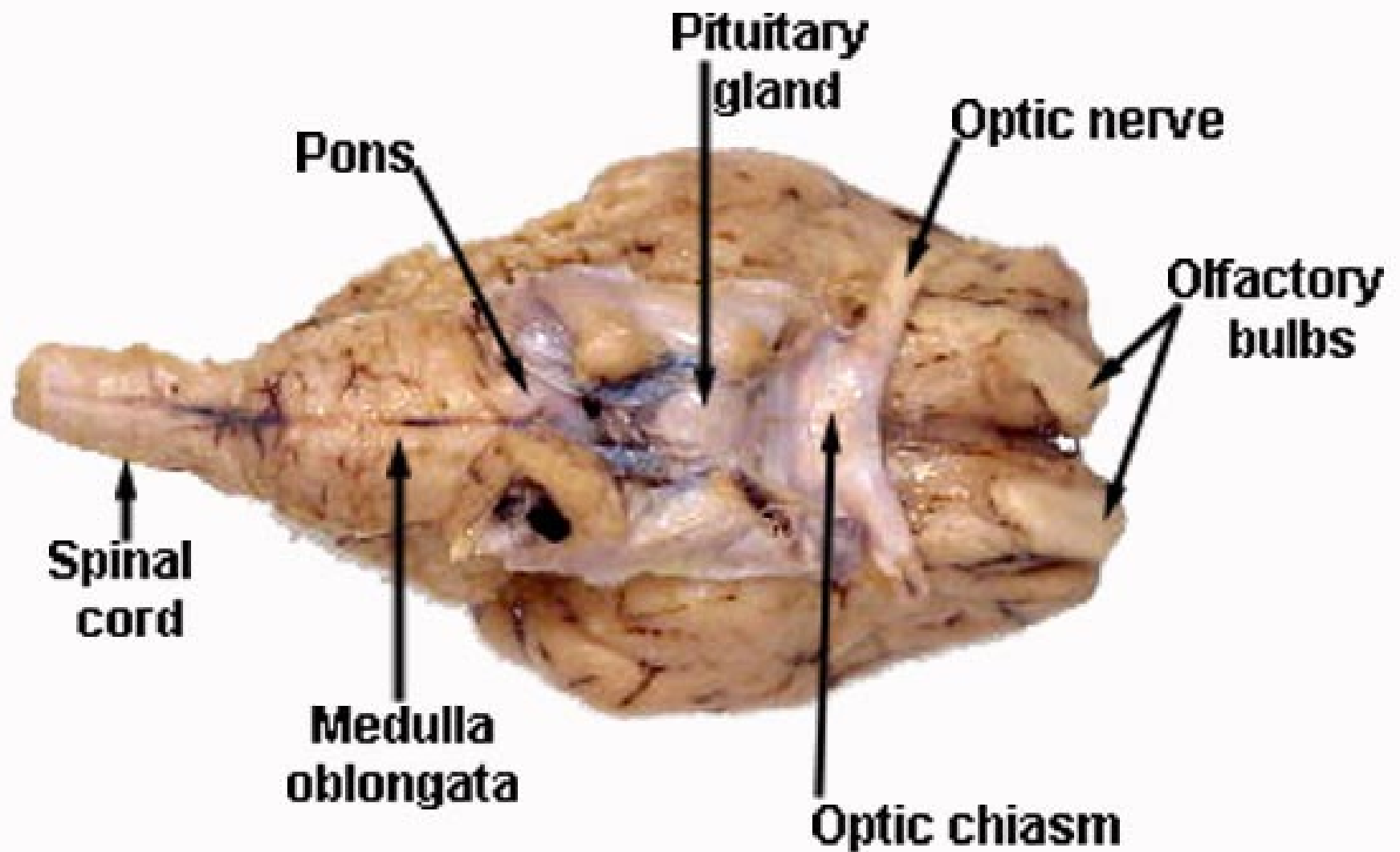




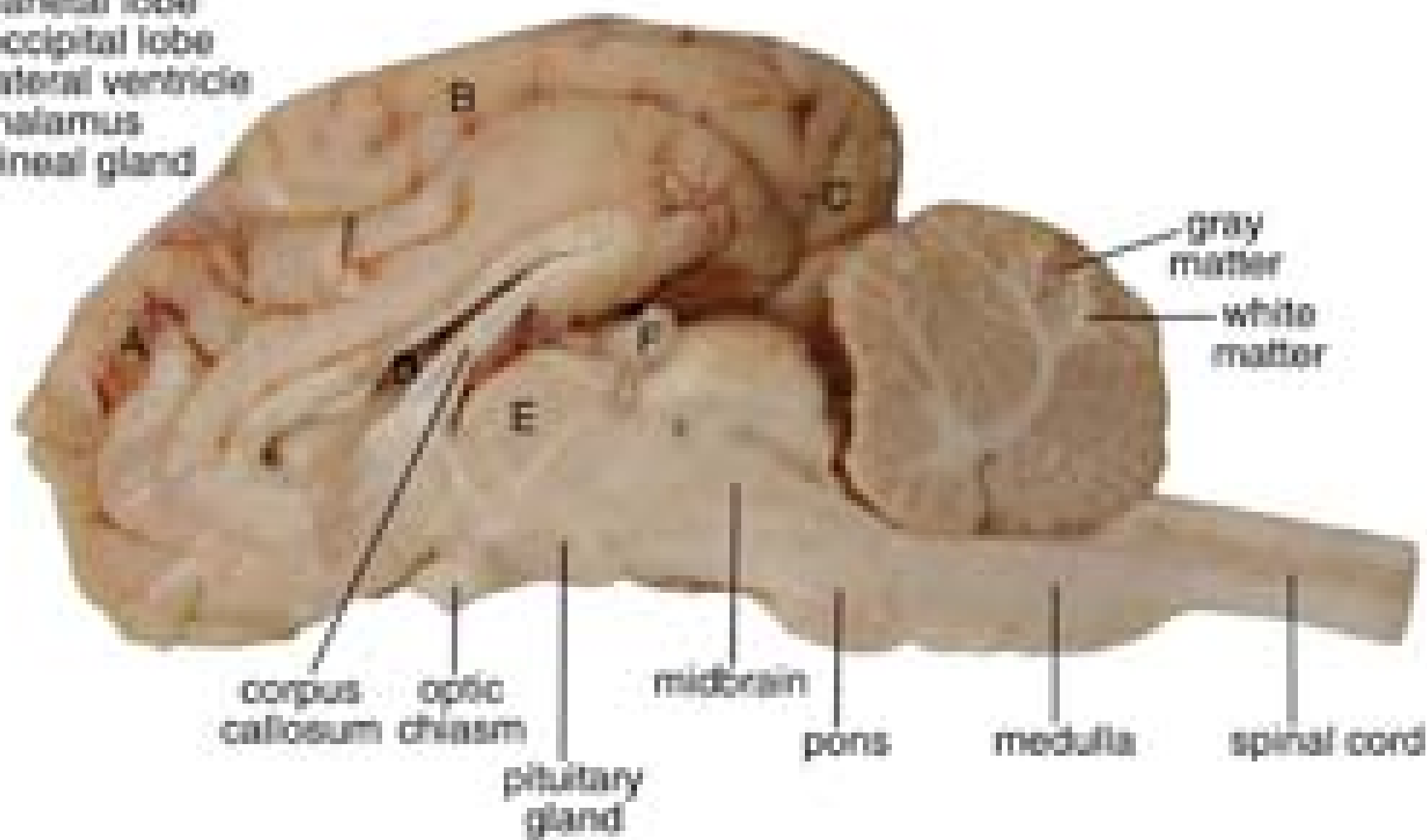


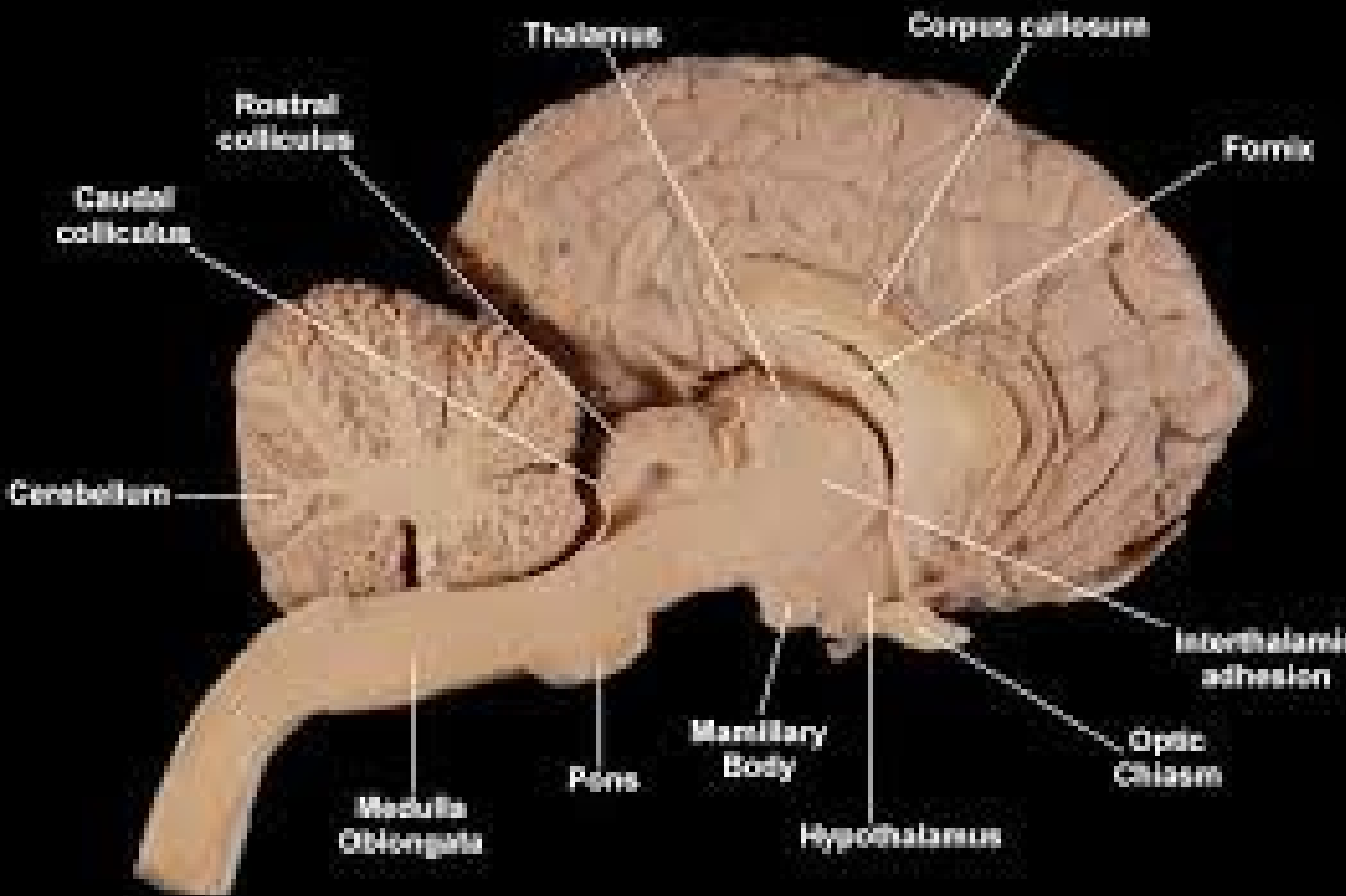


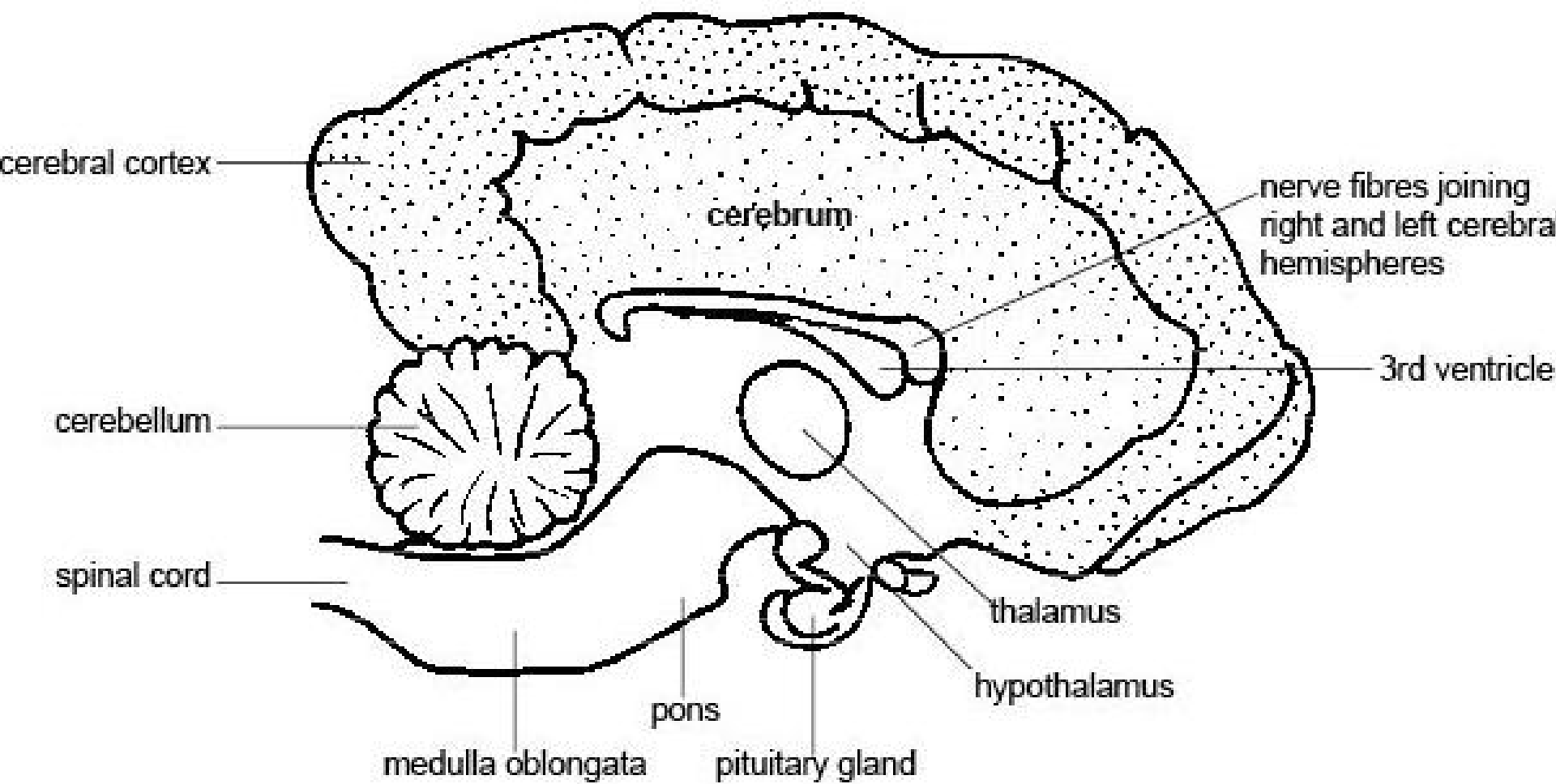
Brain of Horse-Sagittal section



- A. frontal lobe
- B. parietal lobe
- C. occipital lobe
- D. lateral ventricle
- E. thalamus
- F. pineal gland







Bisected Canine Brain (Medial View - Five Divisions)

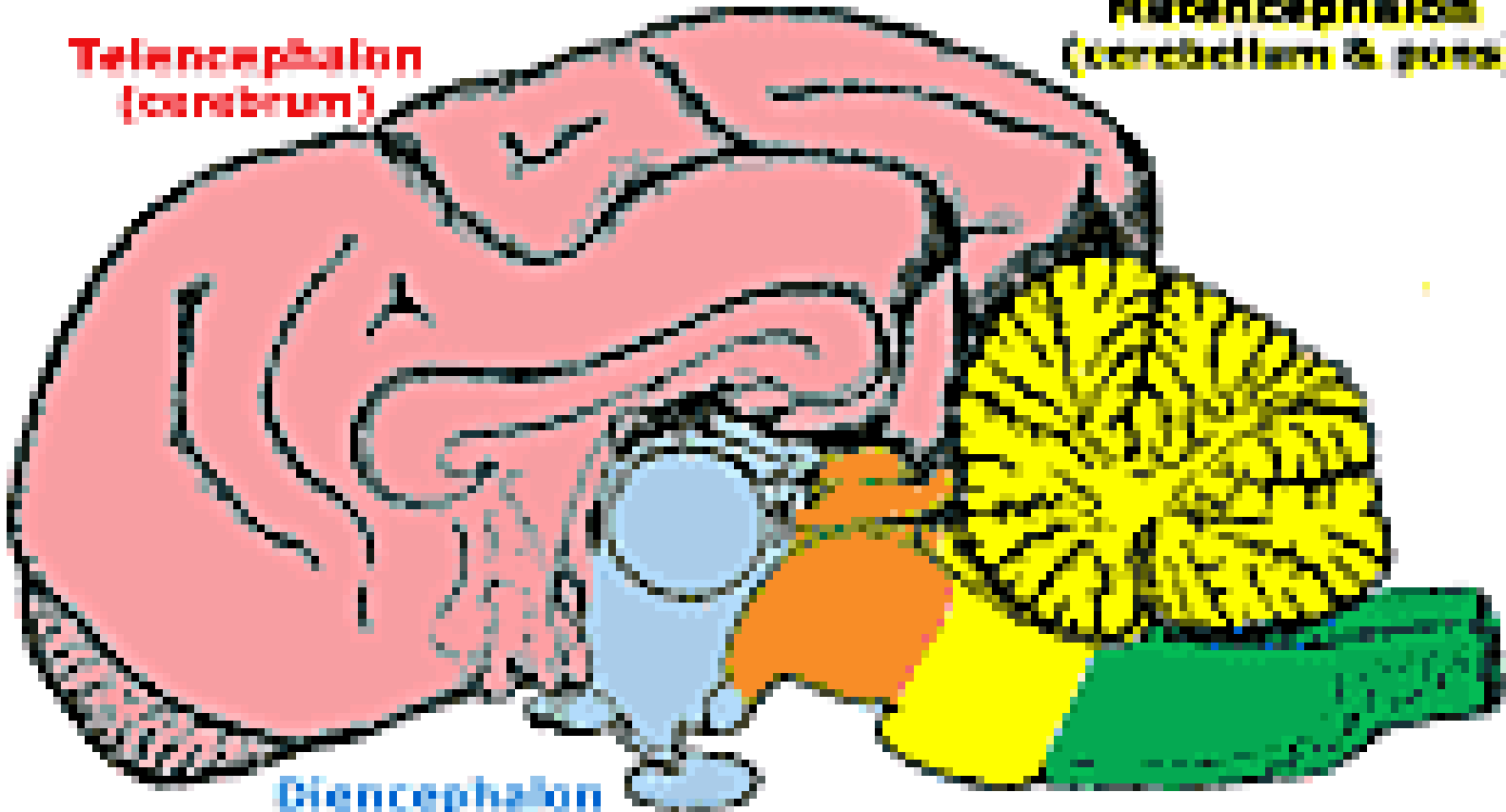
Telencephalon
(cerebrum)

Metencephalon
(cerebellum & pons)

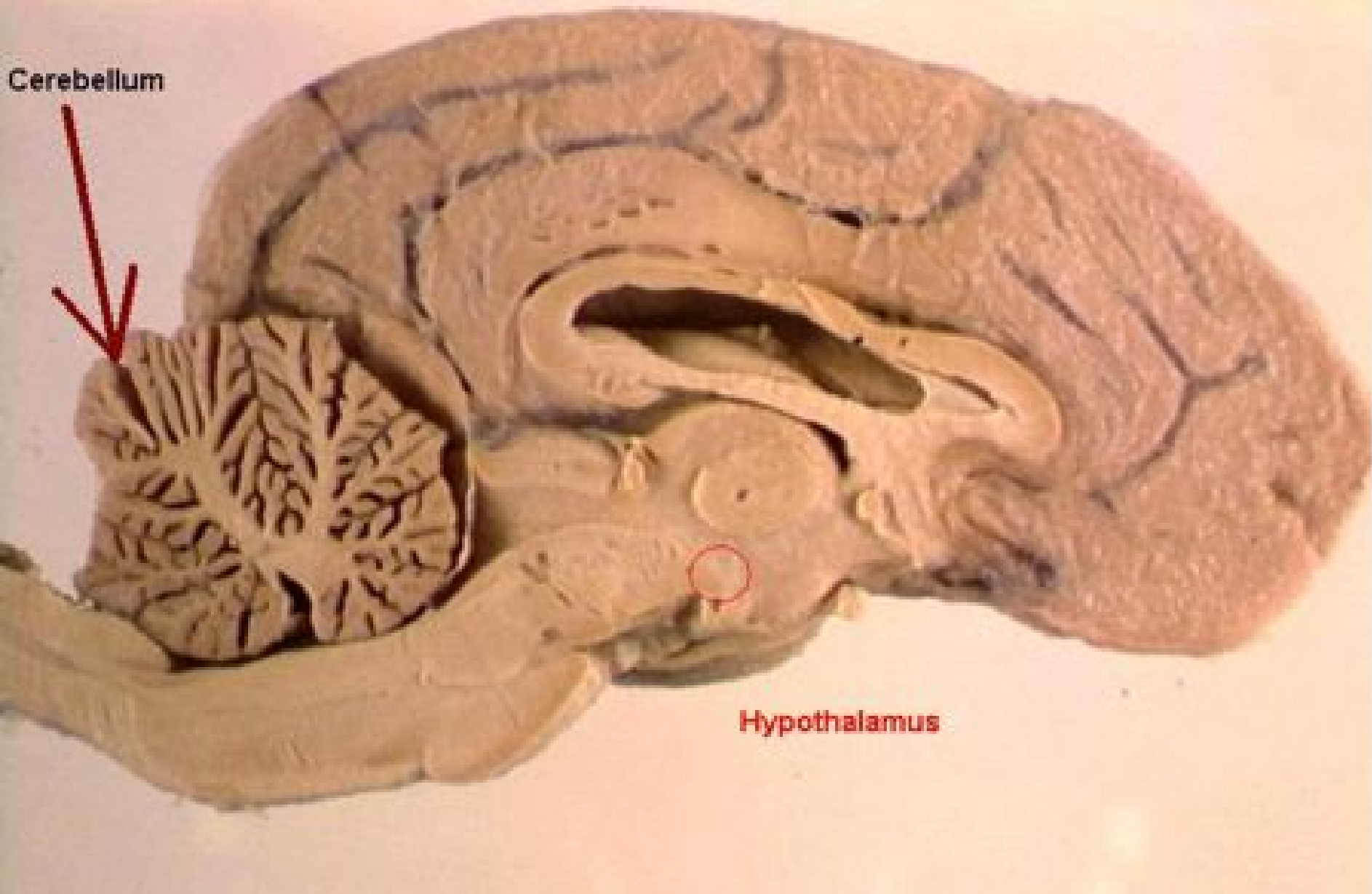
Diencephalon

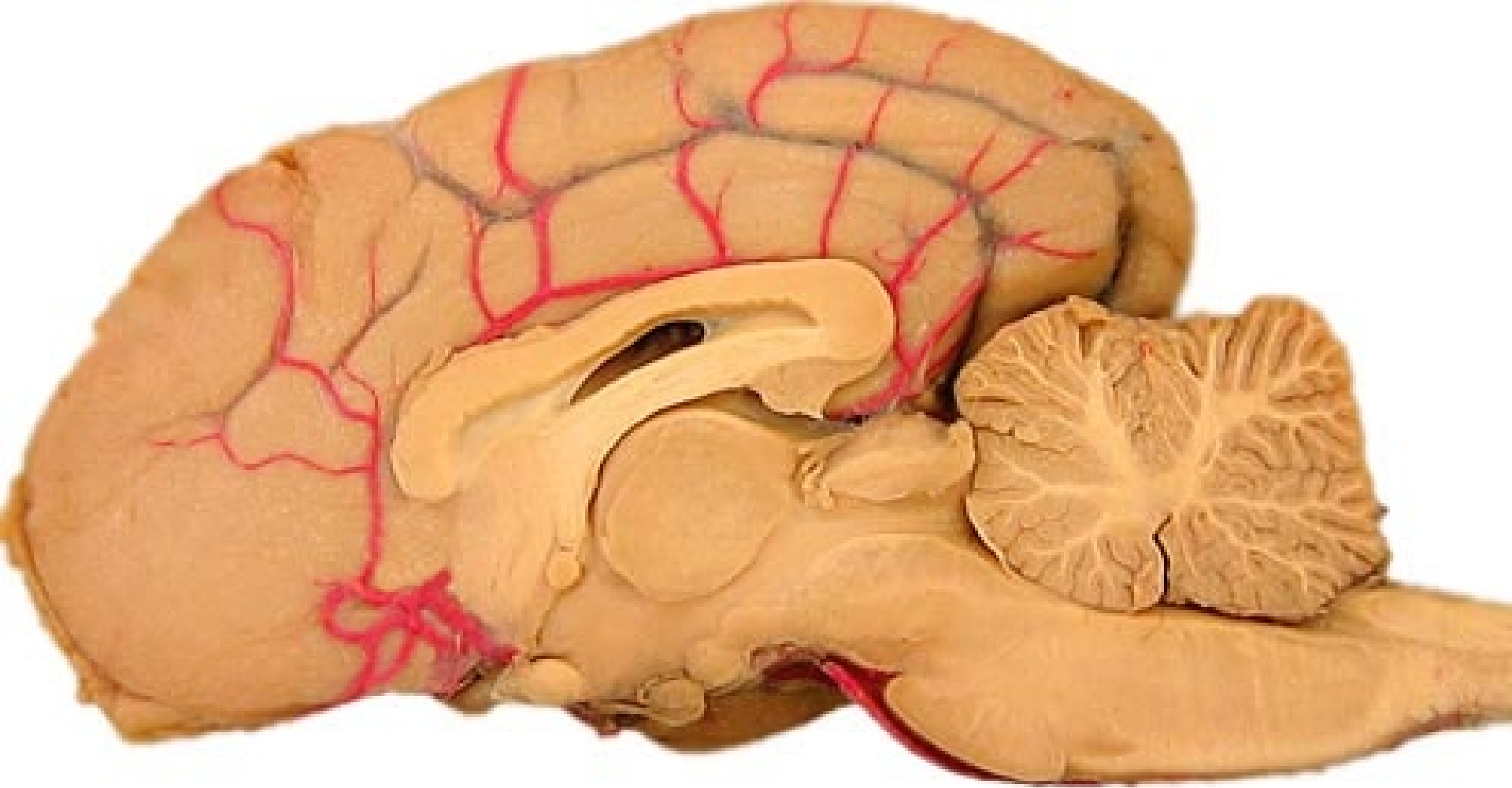
Mesencephalon
(midbrain)

Myelencephalon
(medulla oblongata)



Cerebellum



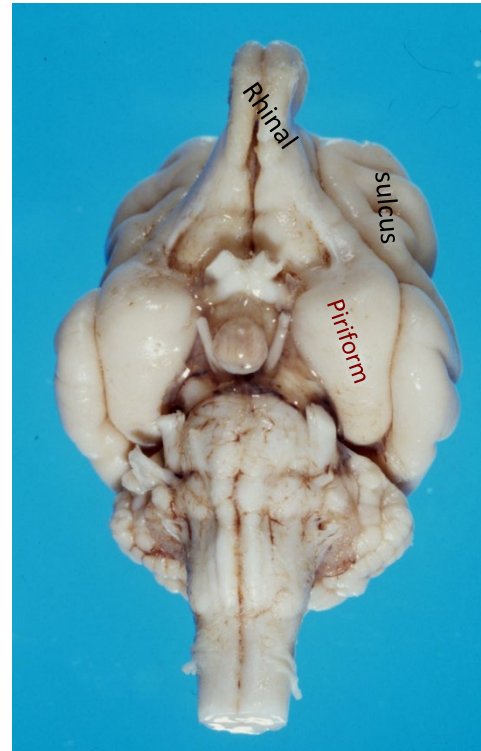
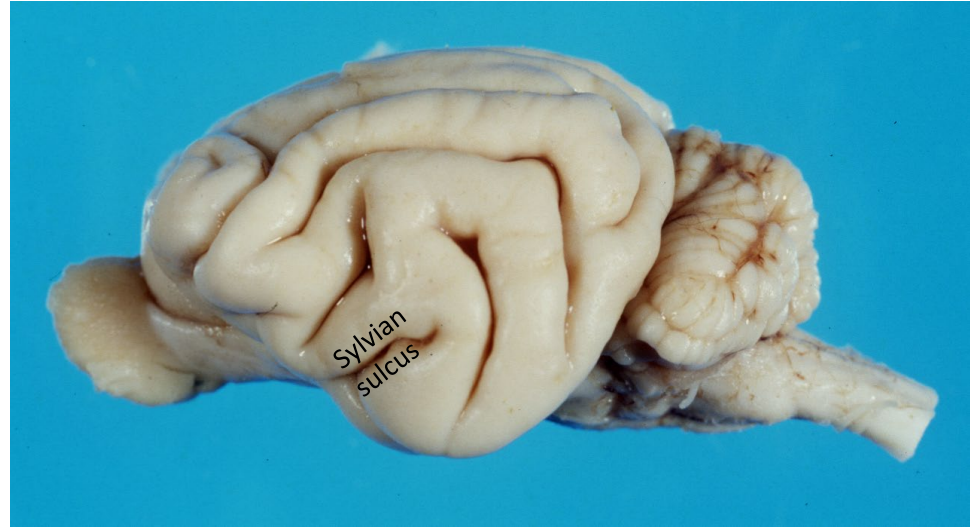
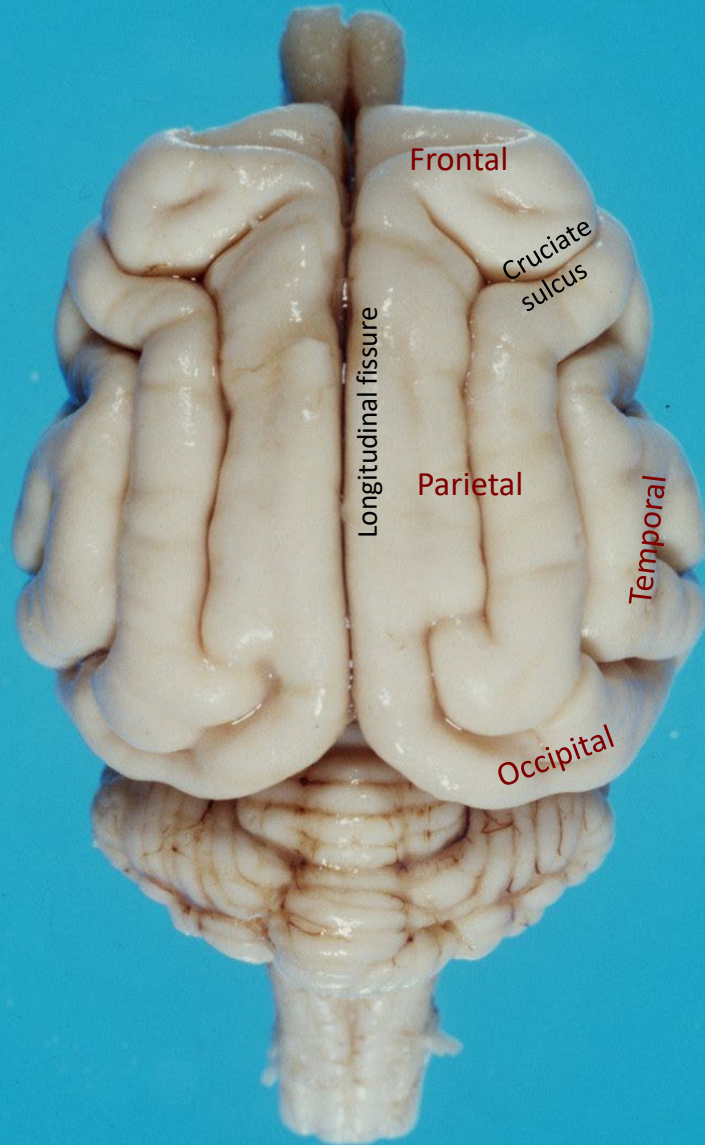


Greyhound brain dissection



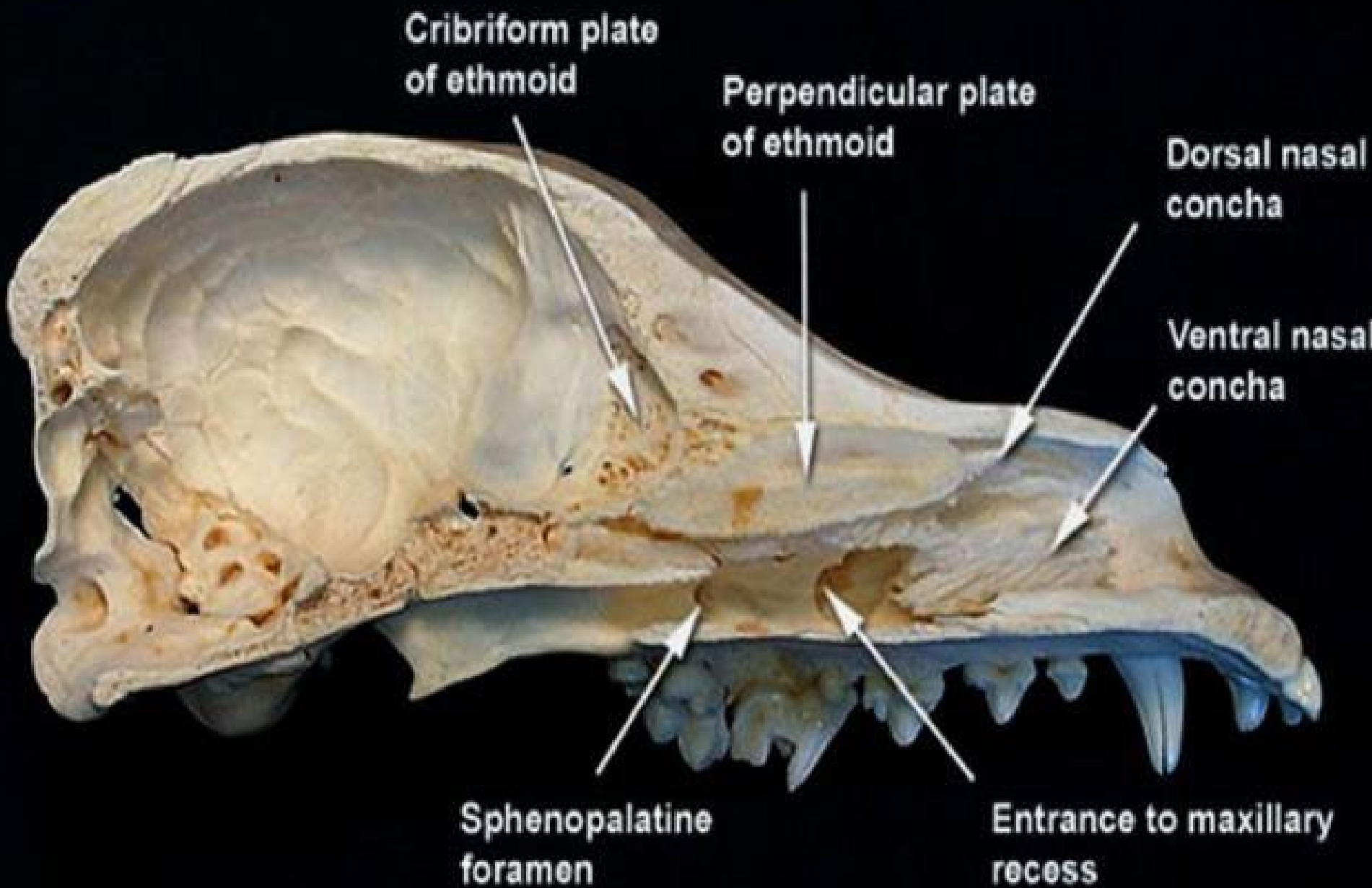
TELENCEPHALON

Cat brain



Gyrus = fold

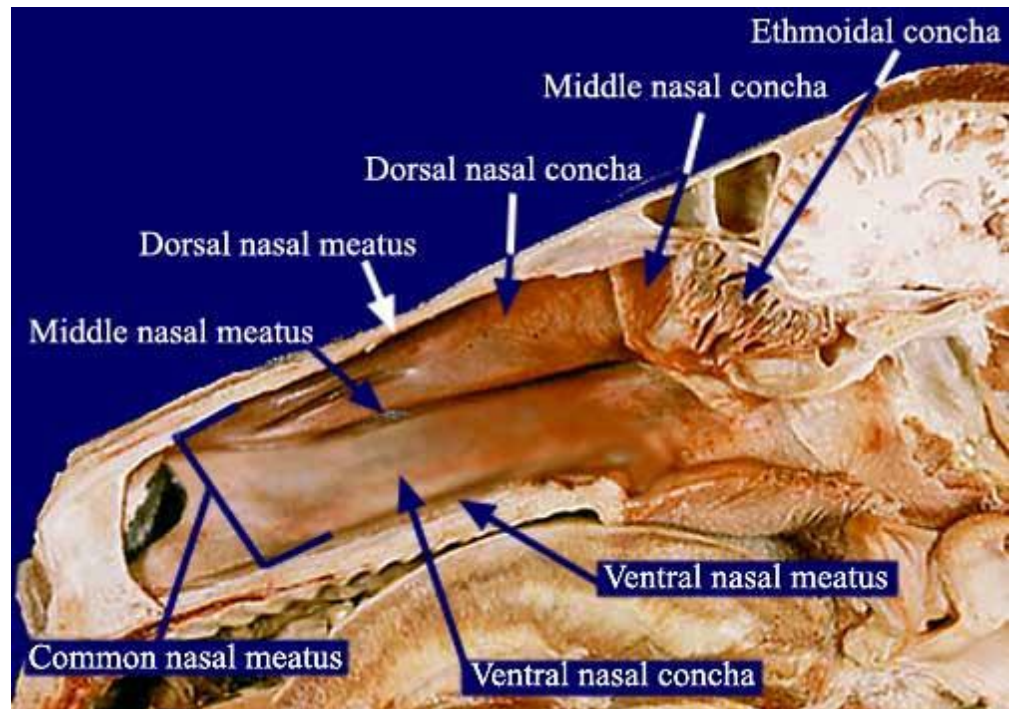
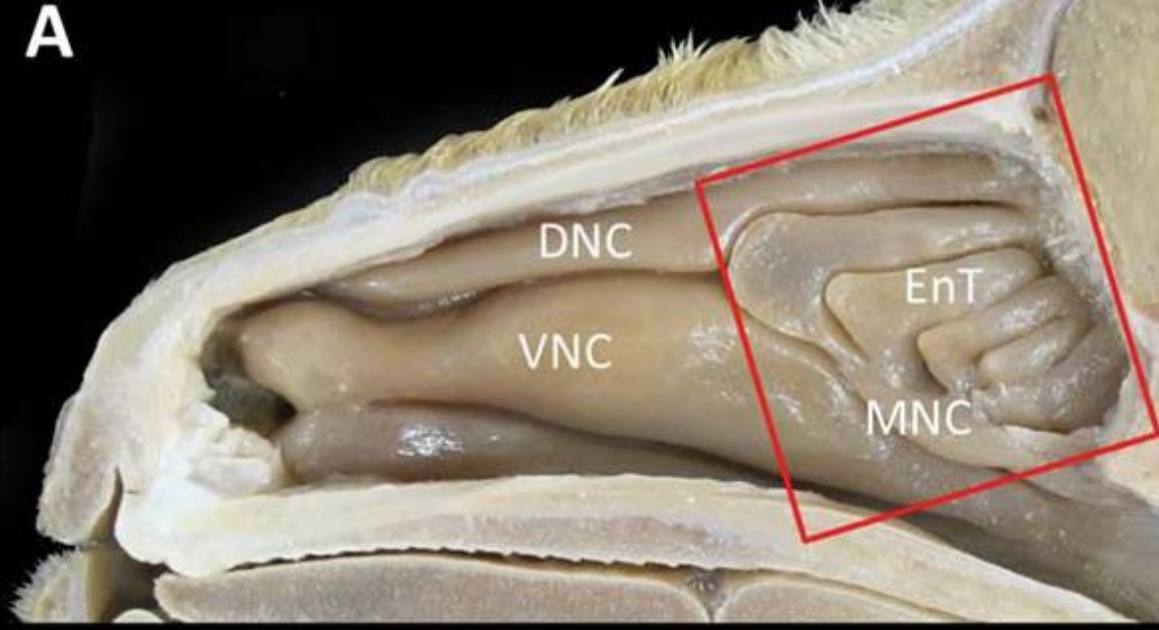
Sulcus = groove

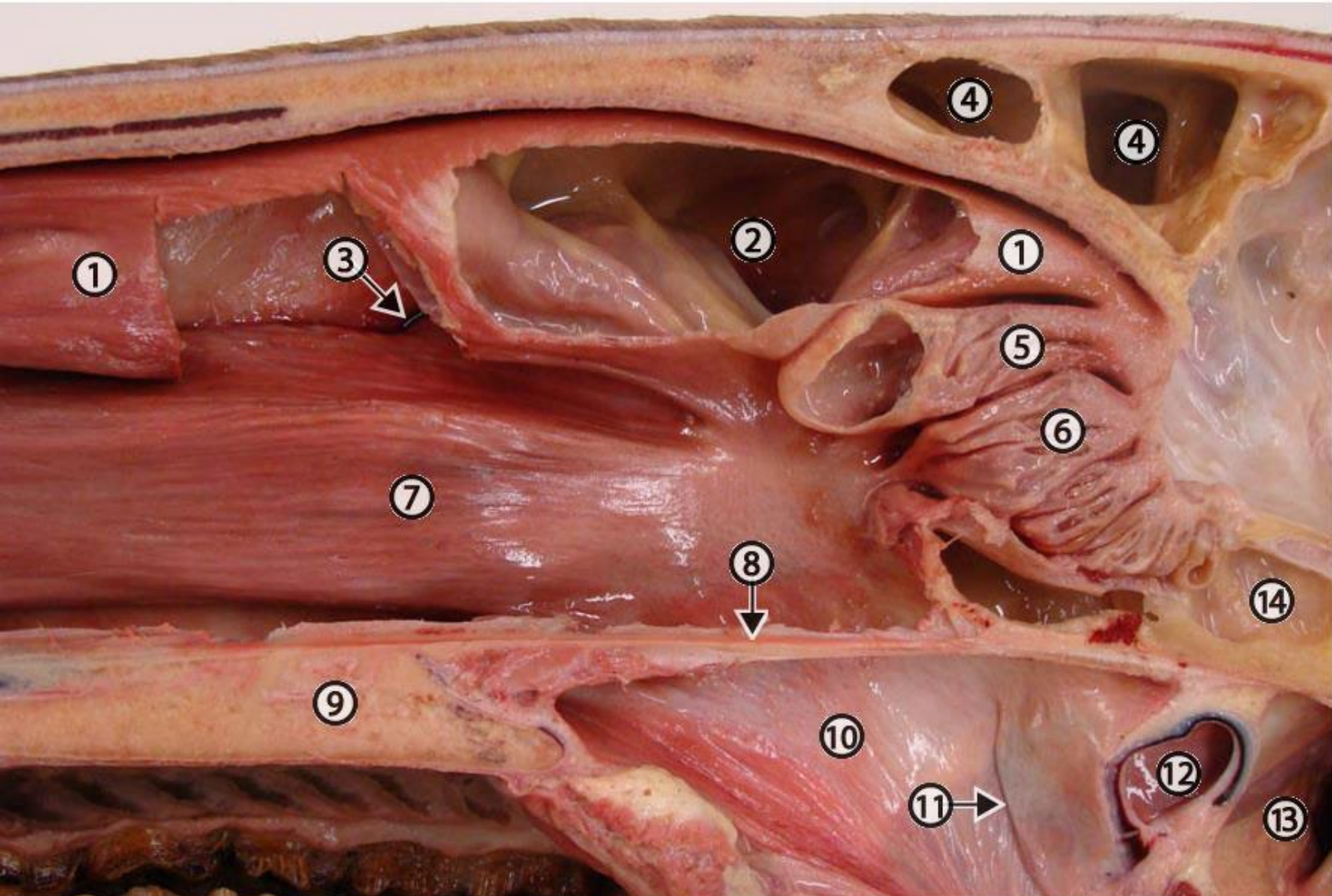


Canine Skull (Sagittal section)



A







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Fornix

Caudate
nucleus

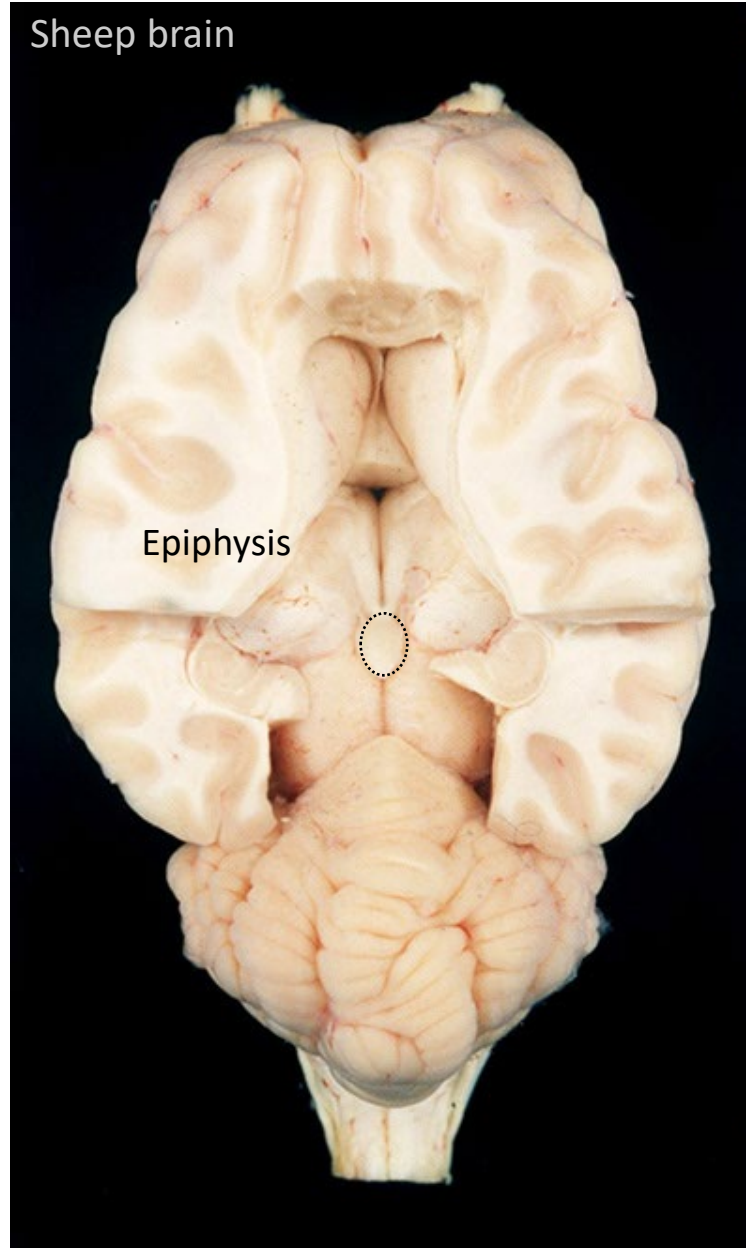
Choroid plexus

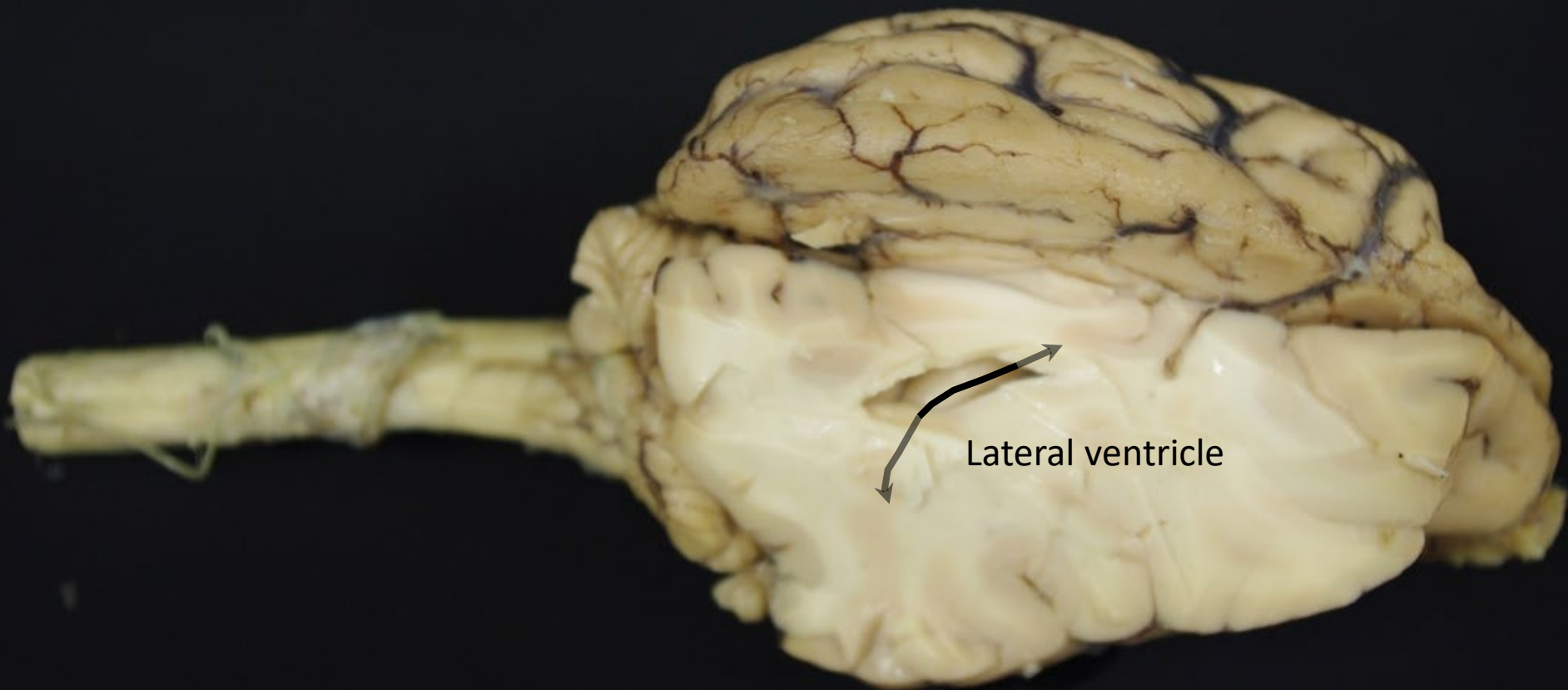
Hippocampus

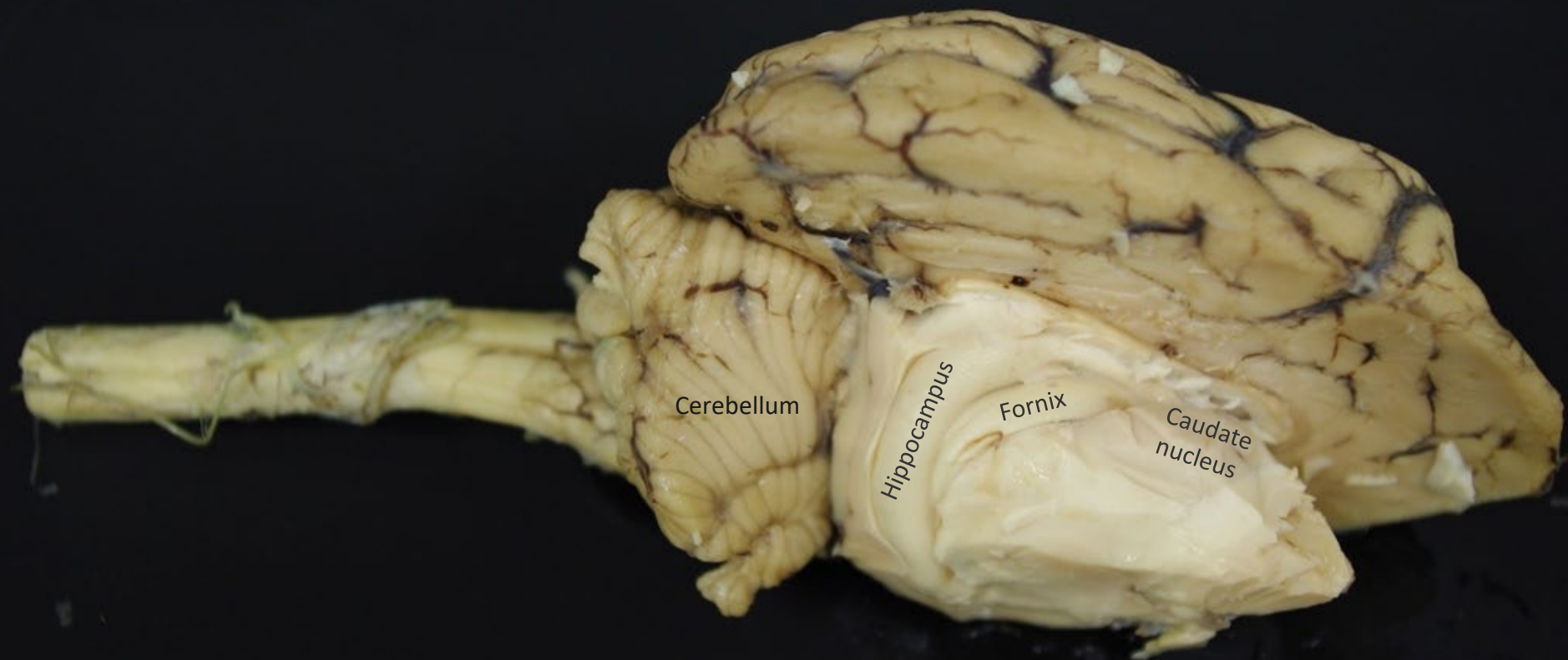
Epithalamus

Sheep brain

Epiphysis







Cerebellum

Hippocampus

Fornix

Caudate
nucleus



Internal capsule

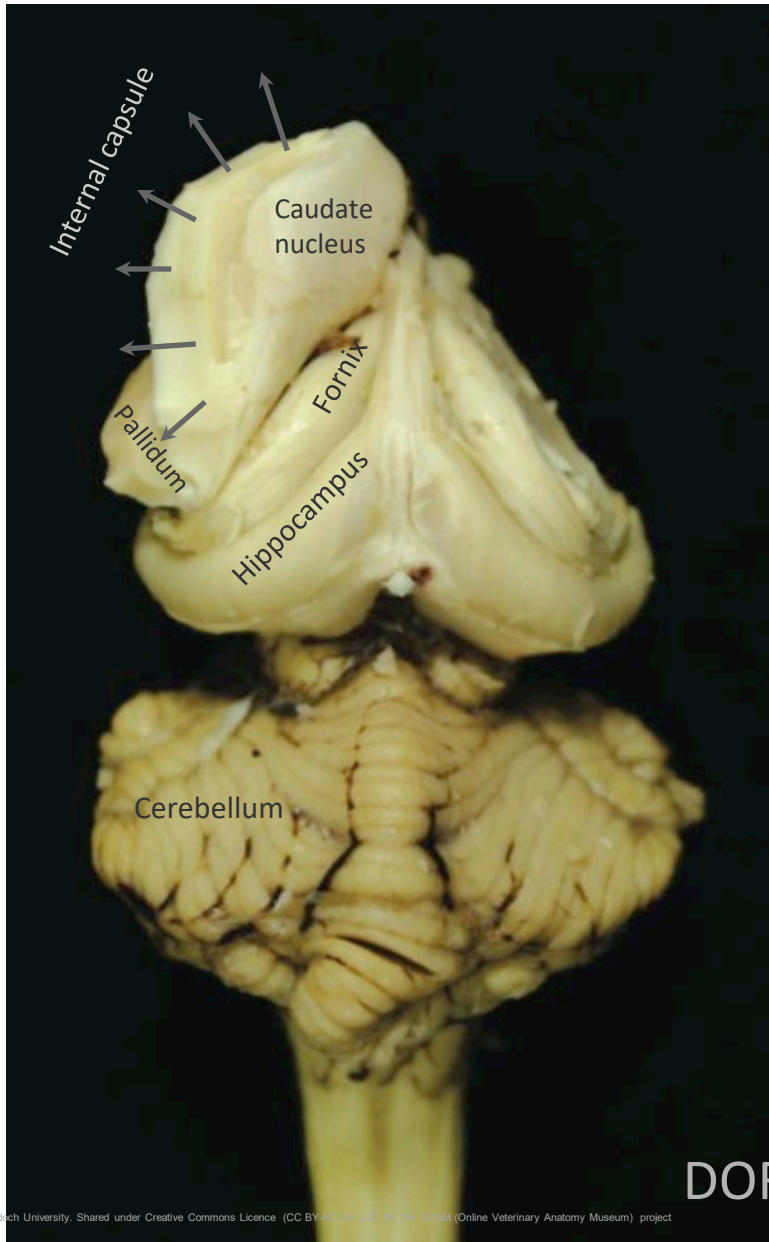
Caudate
nucleus

Fornix

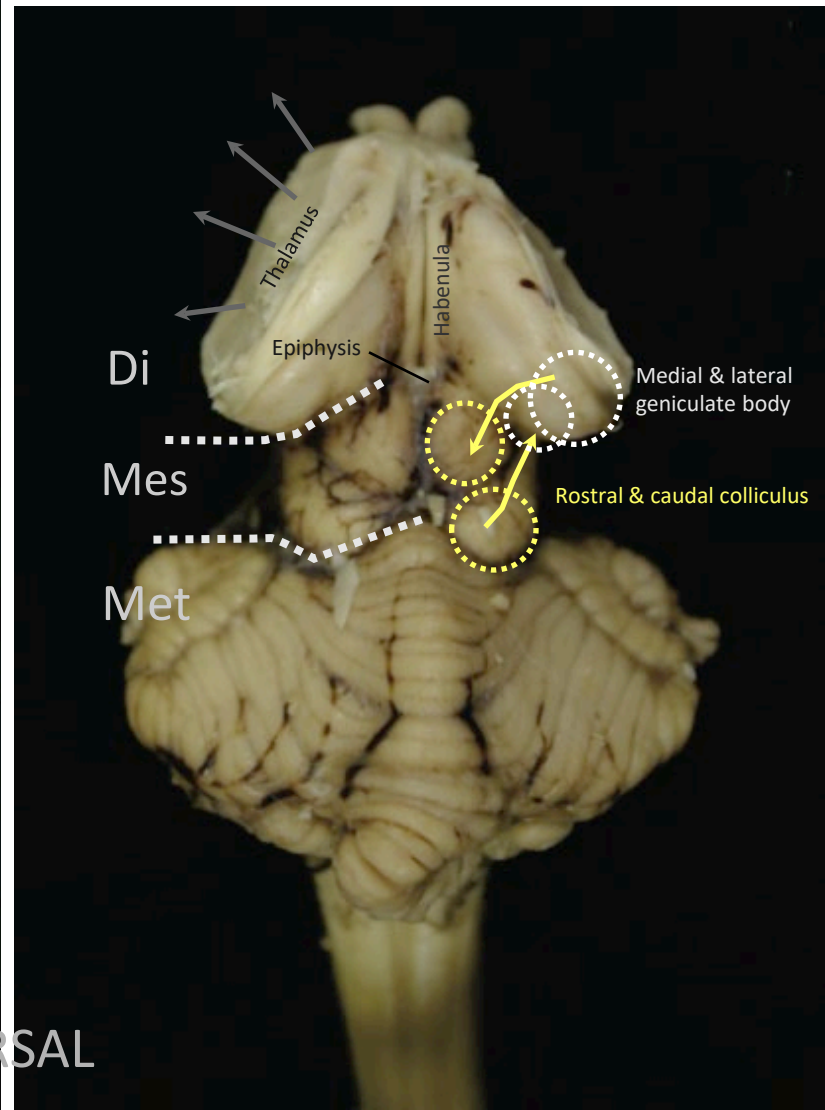
Hippocampus

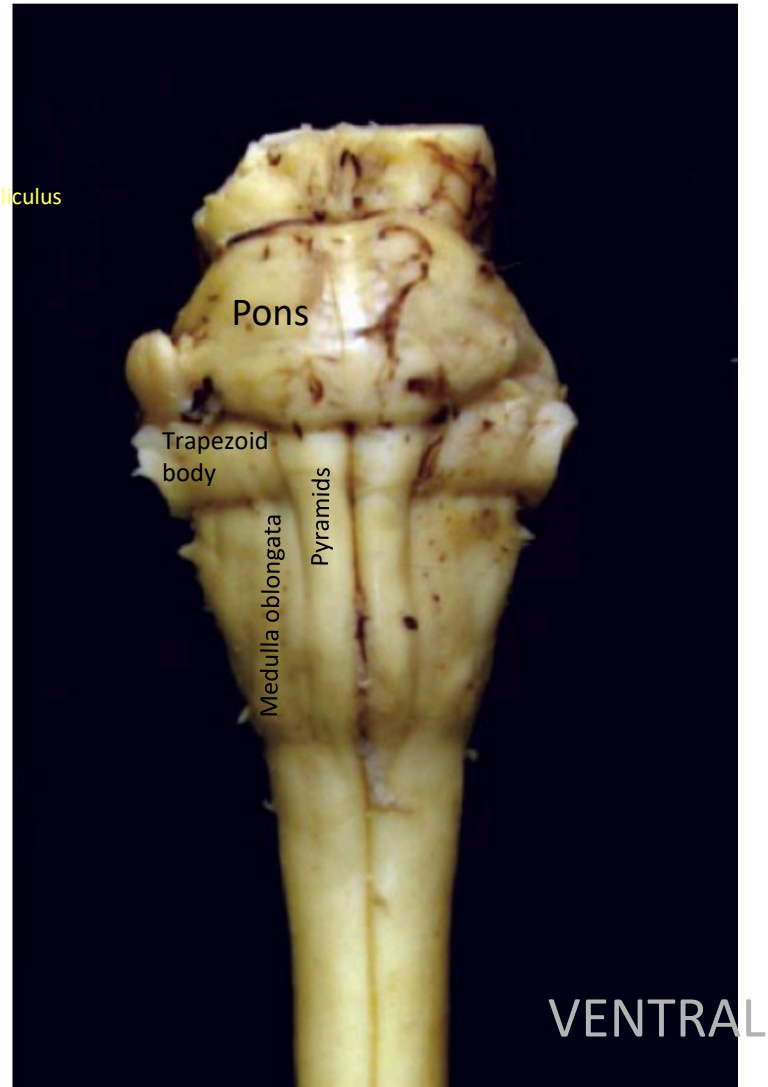
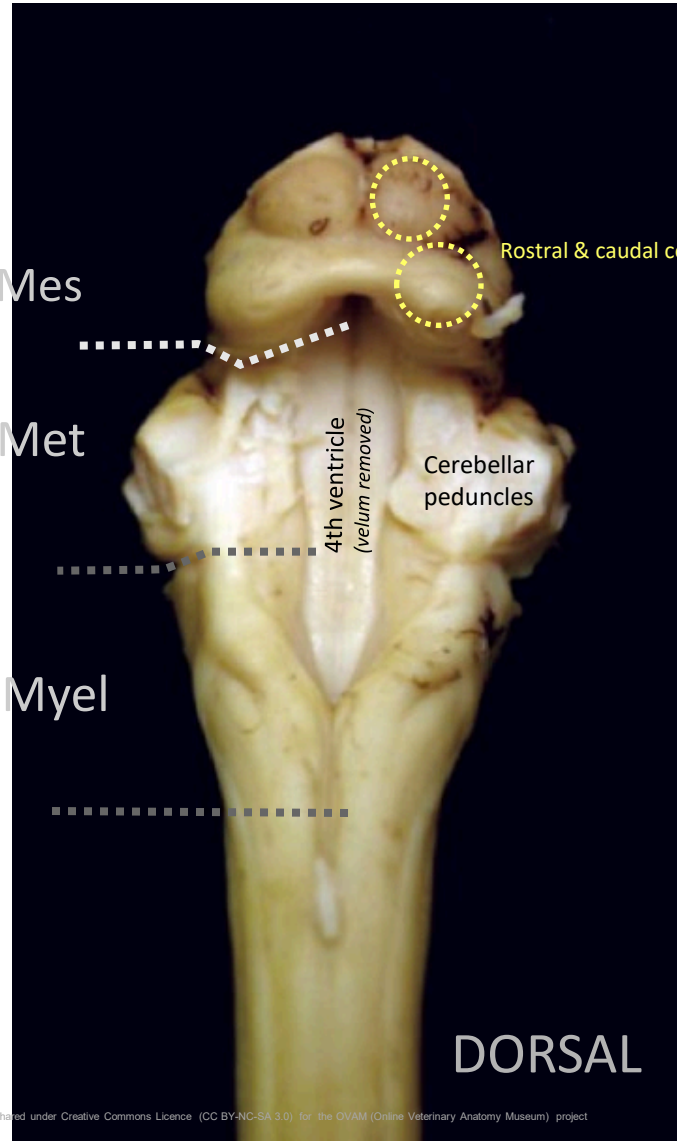


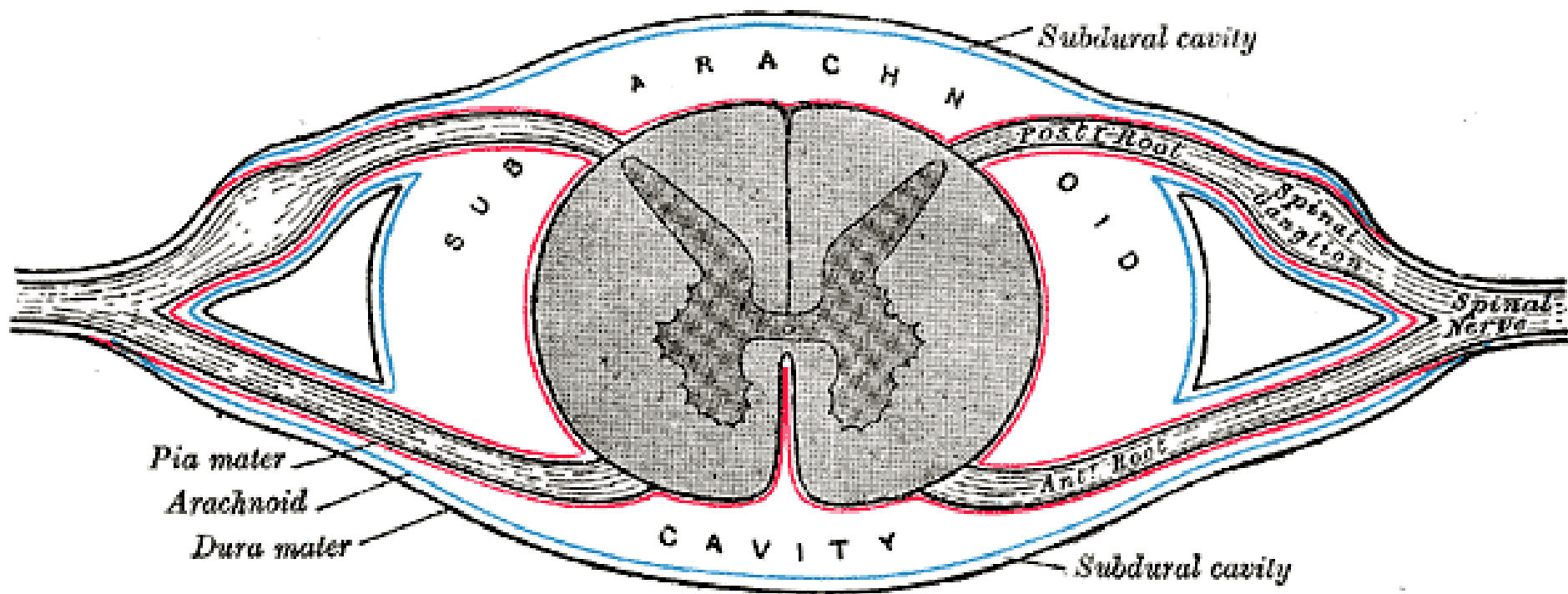
Deeper telencephalon



Di- & mesencephalon

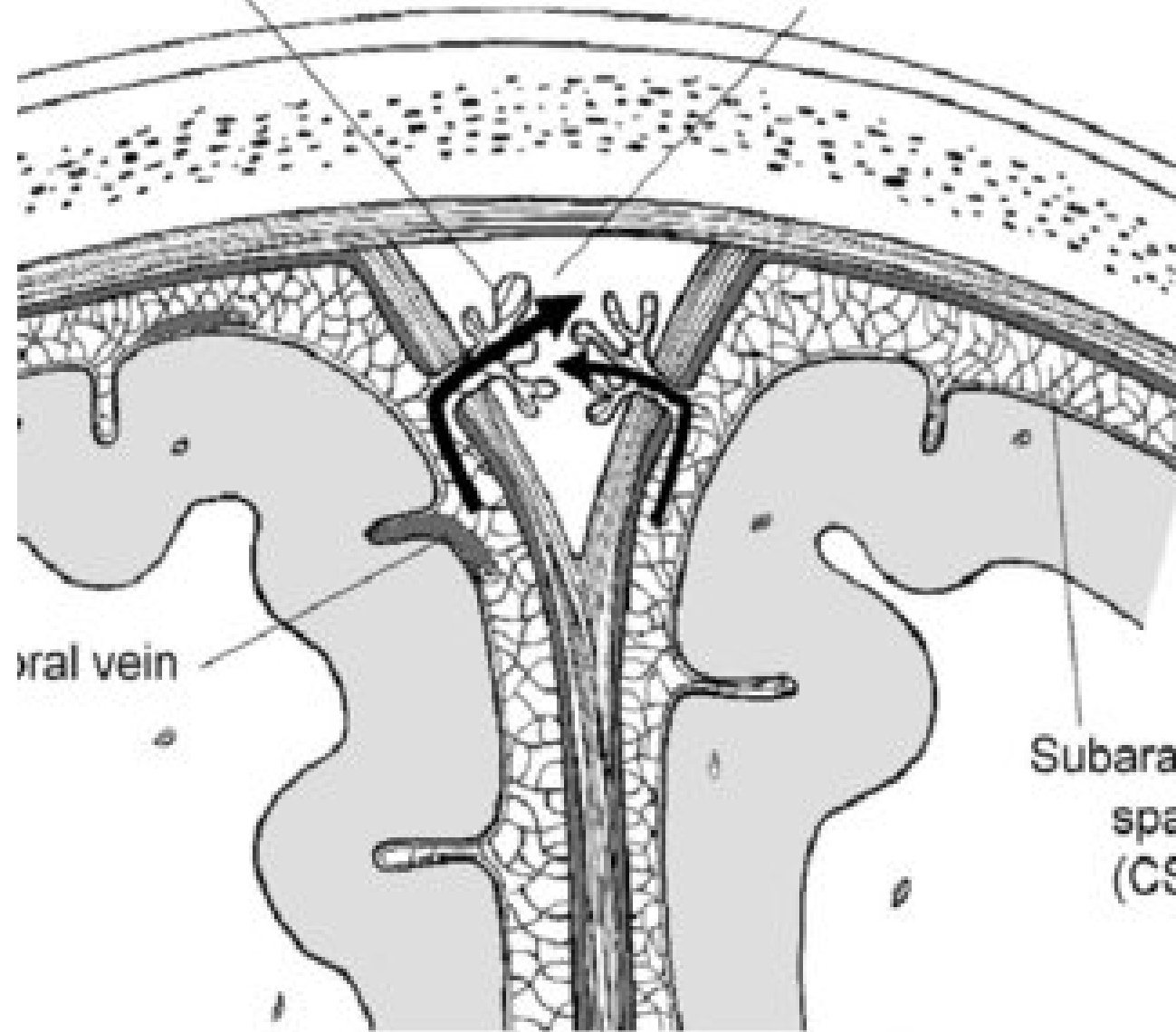






Thnoid granulation

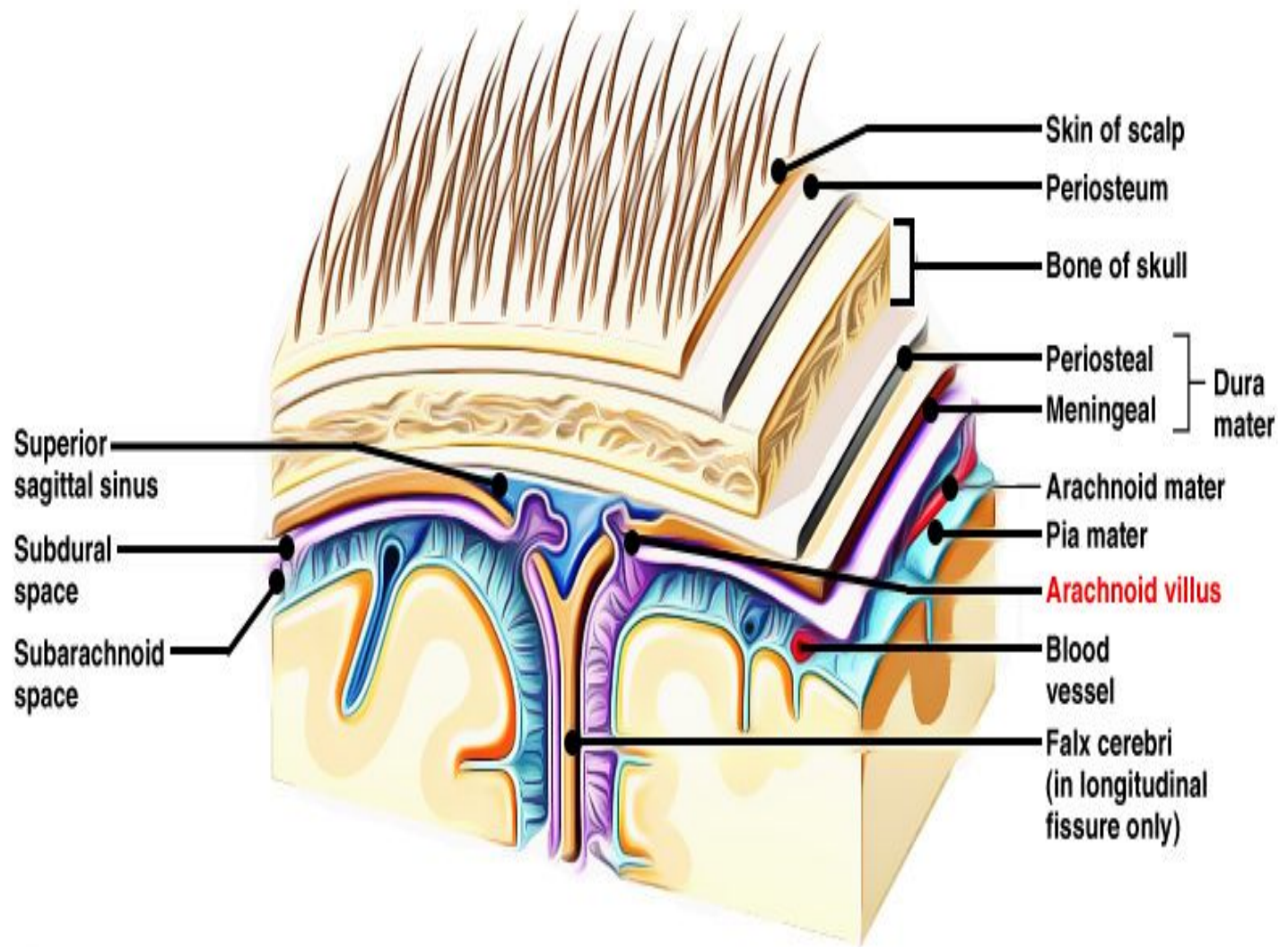
Superior sagittal sinus (blood

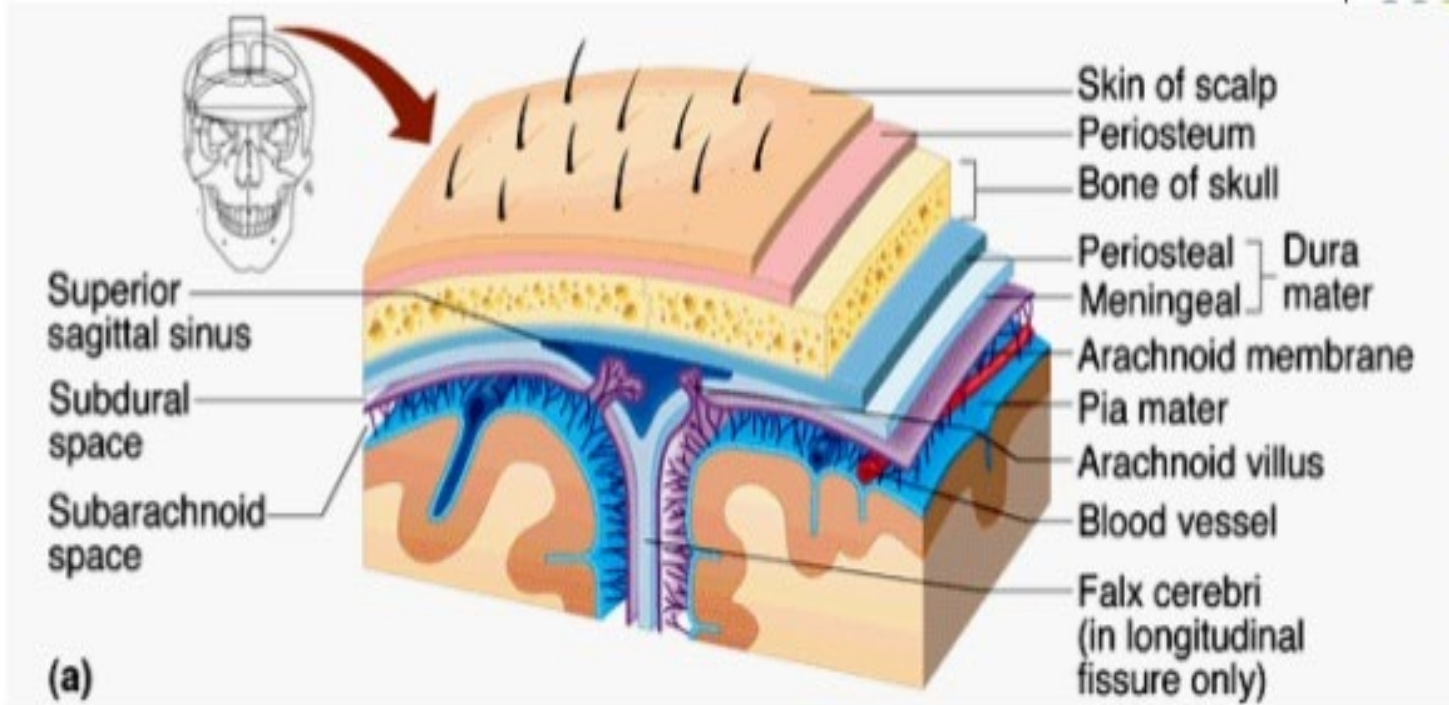


bral vein

Subara
spa
(CS

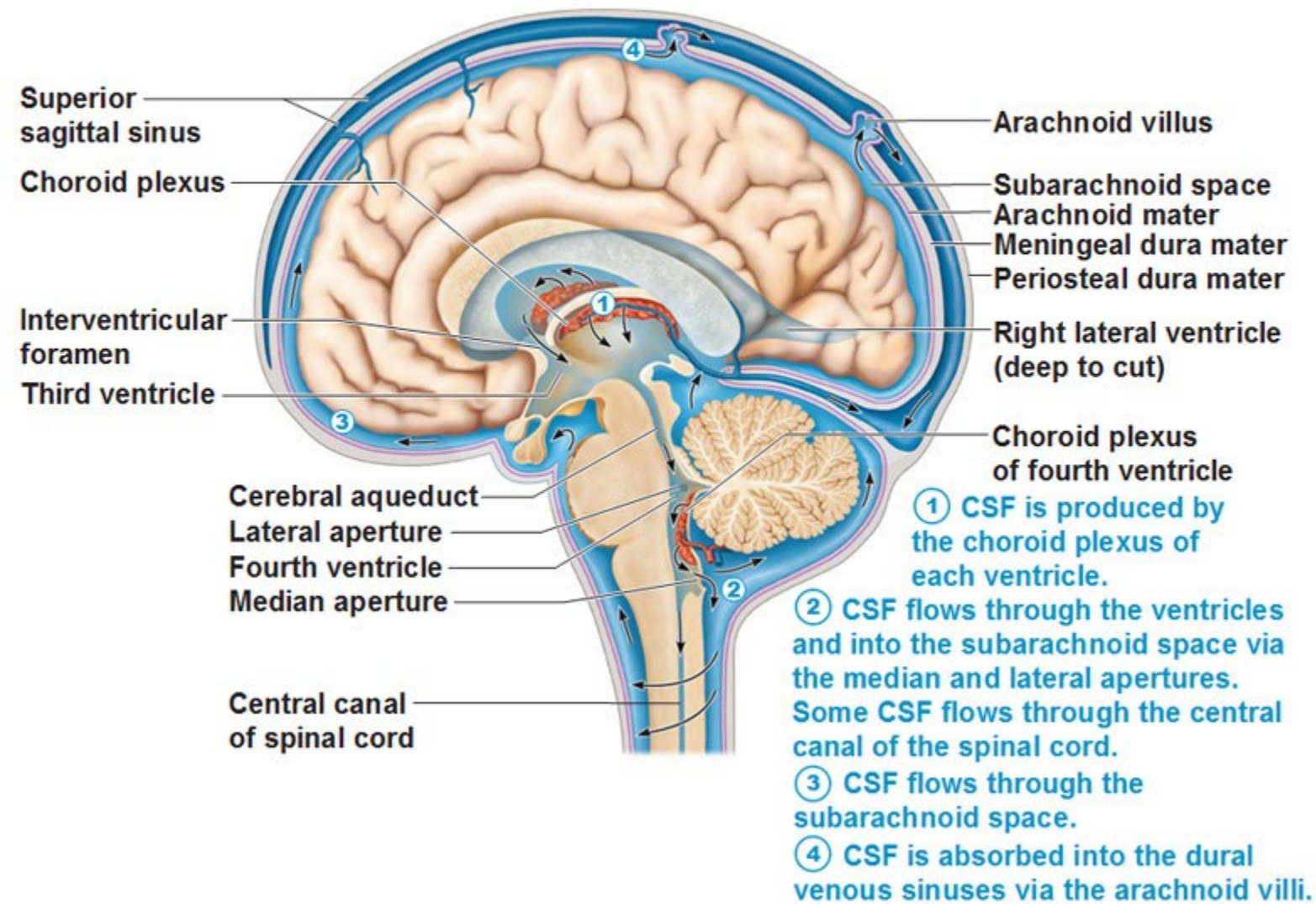
Falx

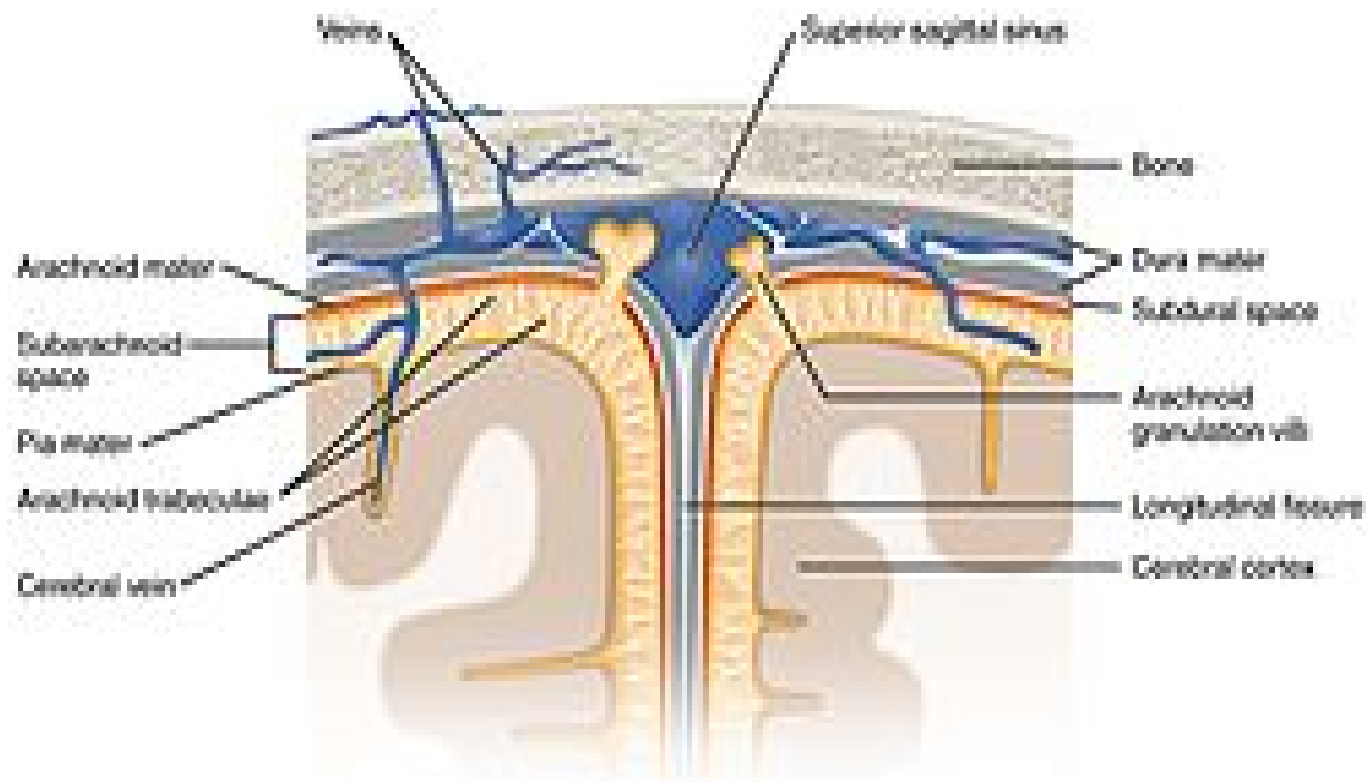


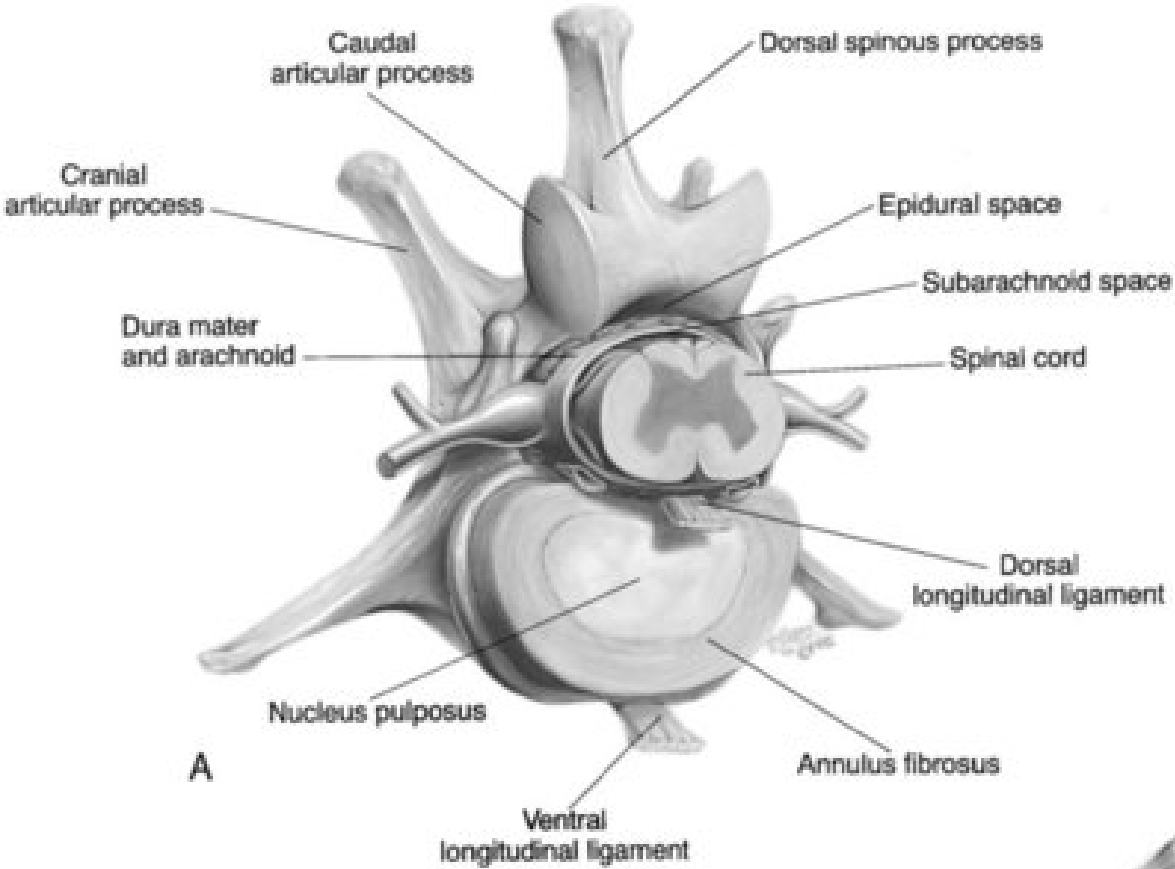


- The meningeal membranes
 - Cover and protect the CNS structures
 - Protect blood vessels and enclose venous sinuses
 - Contain cerebrospinal fluid
 - Form partitions within the skull

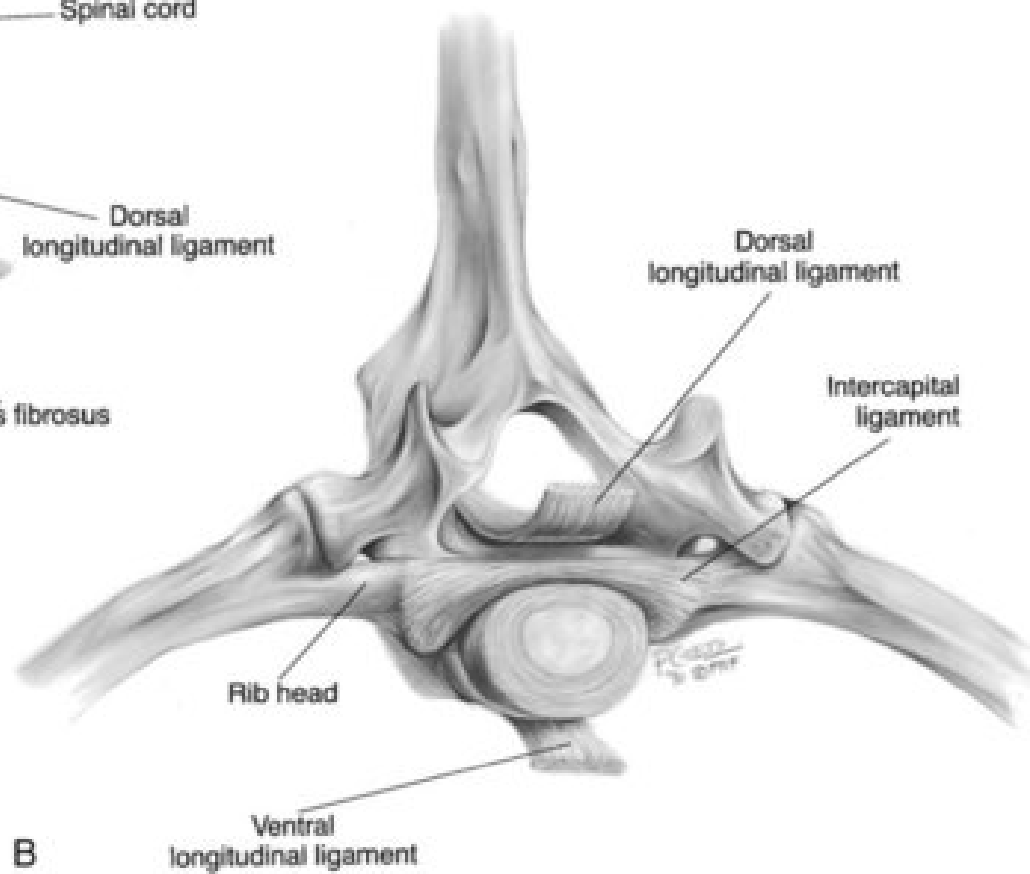
Circulation of Cerebrospinal Fluid (CSF)



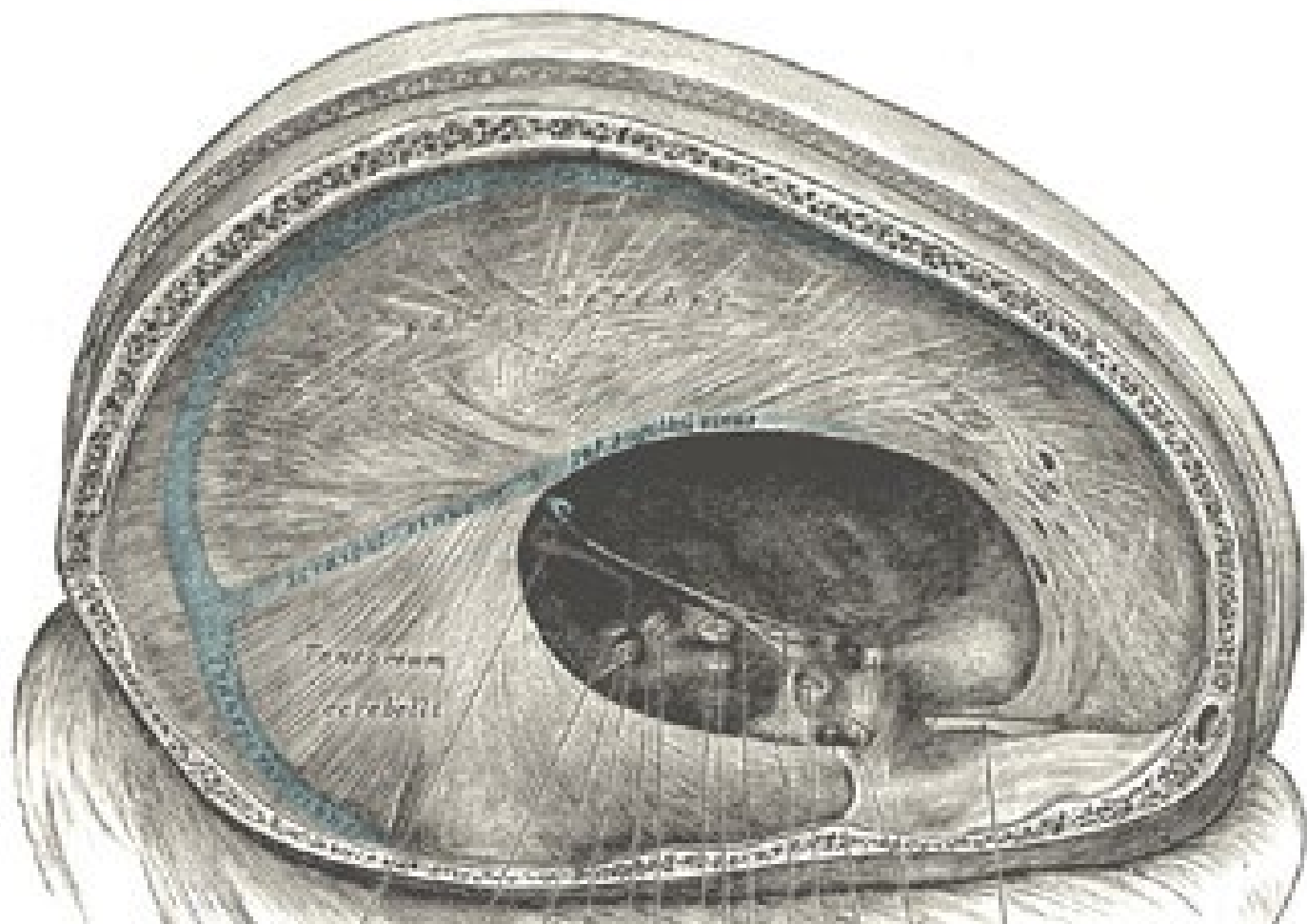


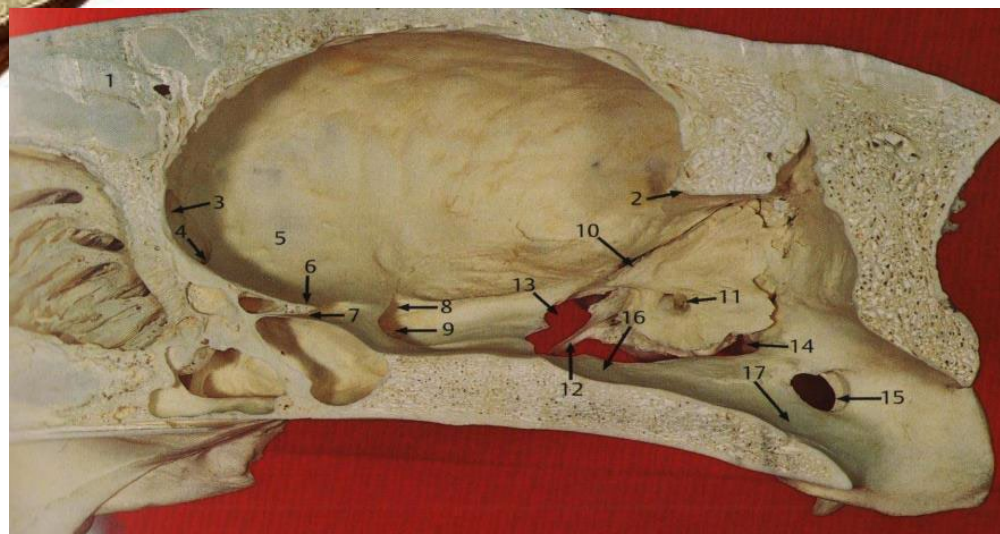


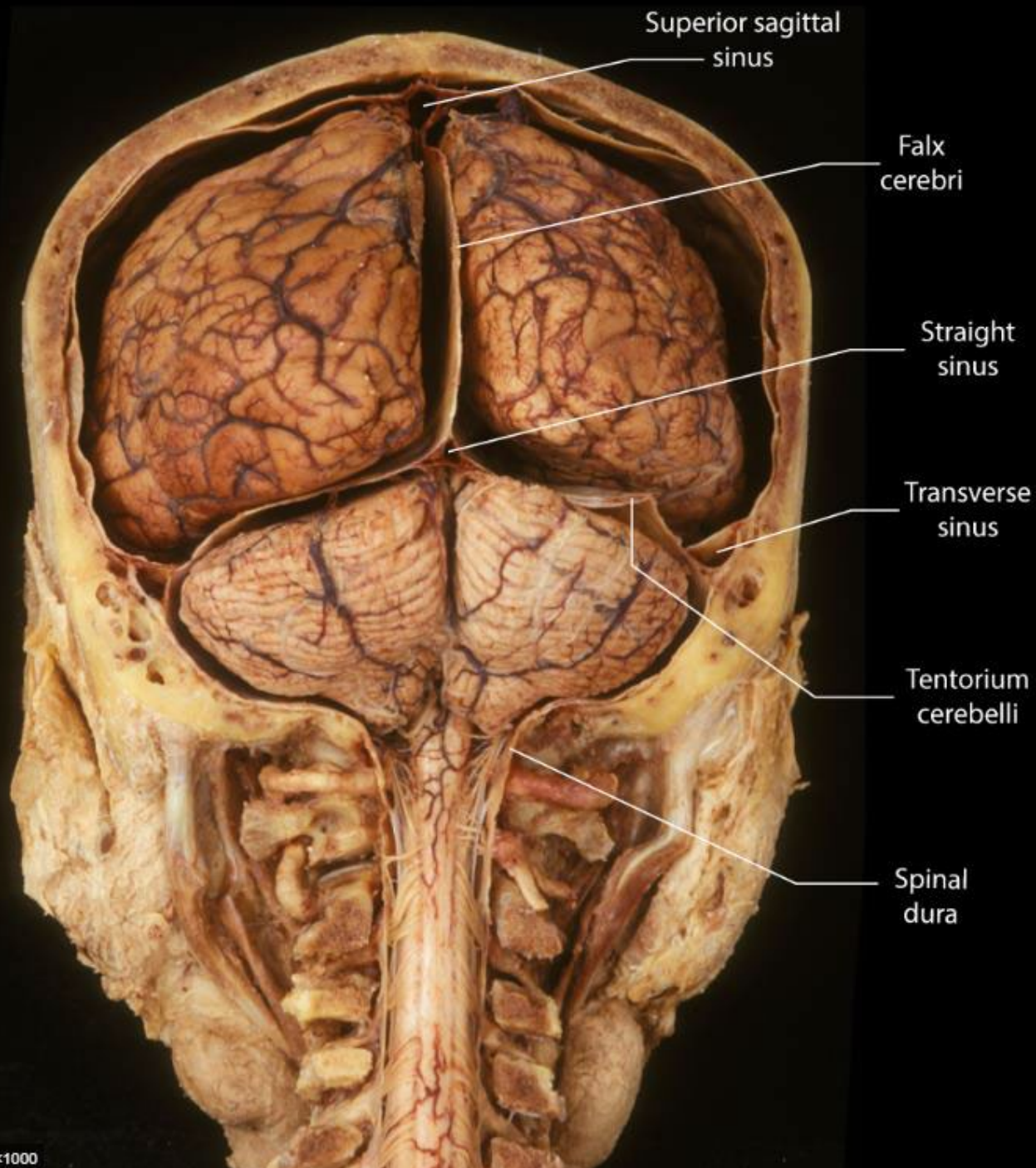
A



B







Spinous process

Lamina

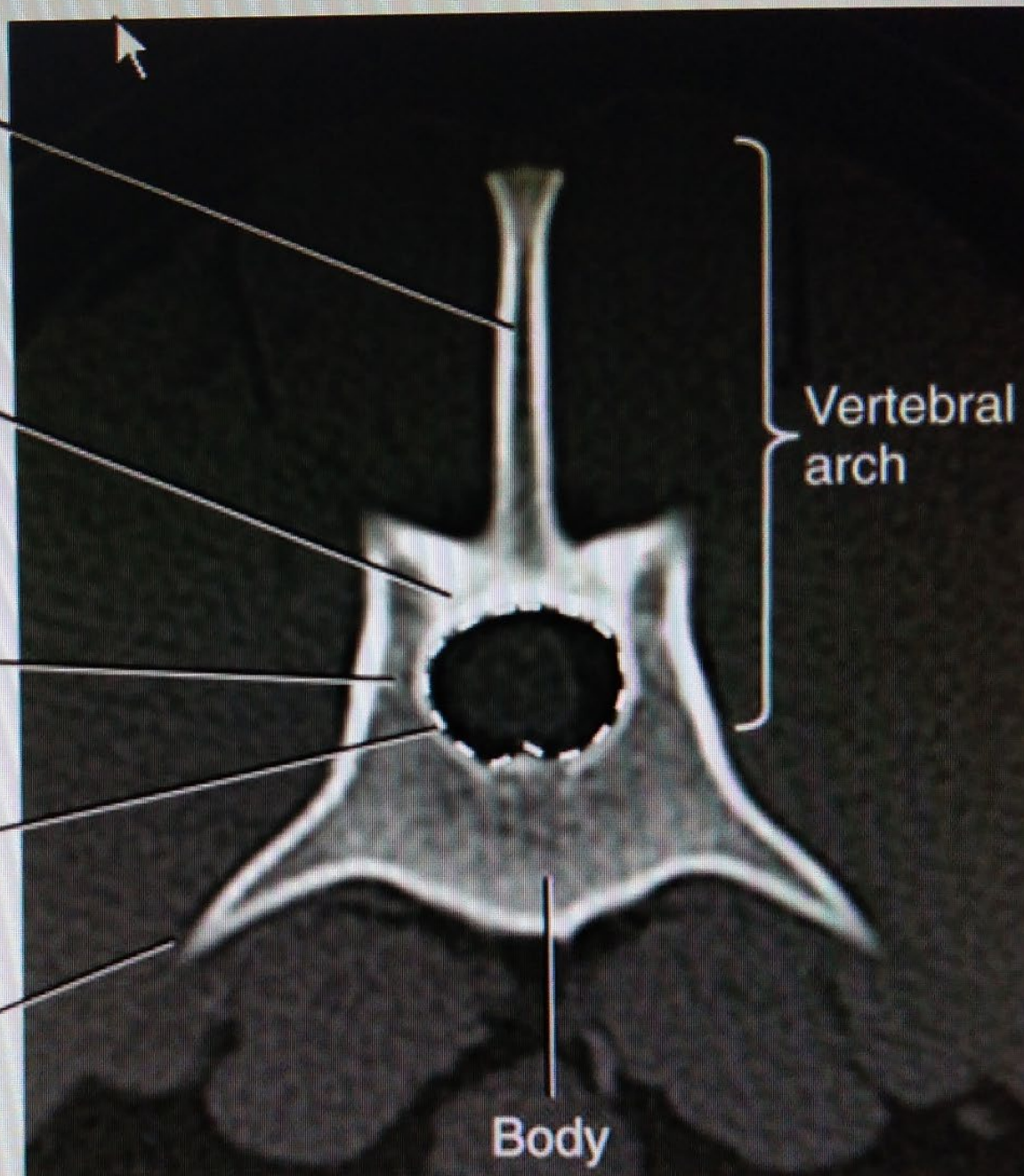
Pedicle

Vertebral canal

Transverse process

Vertebral arch

Body



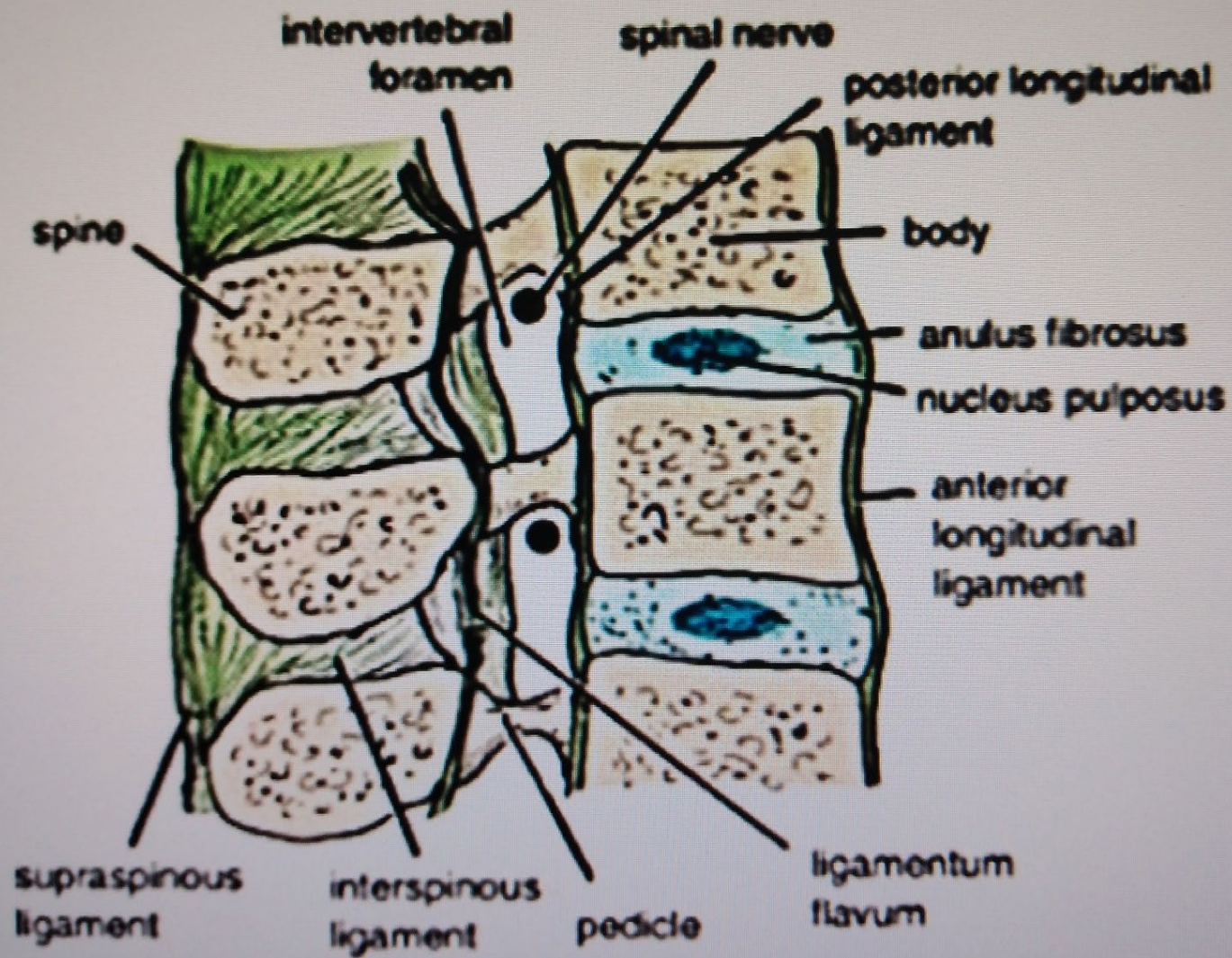


Figure 5: Cross Section Of Lumbo Sacral Spine

+ LUMBAR PUNCTURE

PROCEDURE OF COLLECTING CSF FROM THE SPINAL CANAL

