

Pons

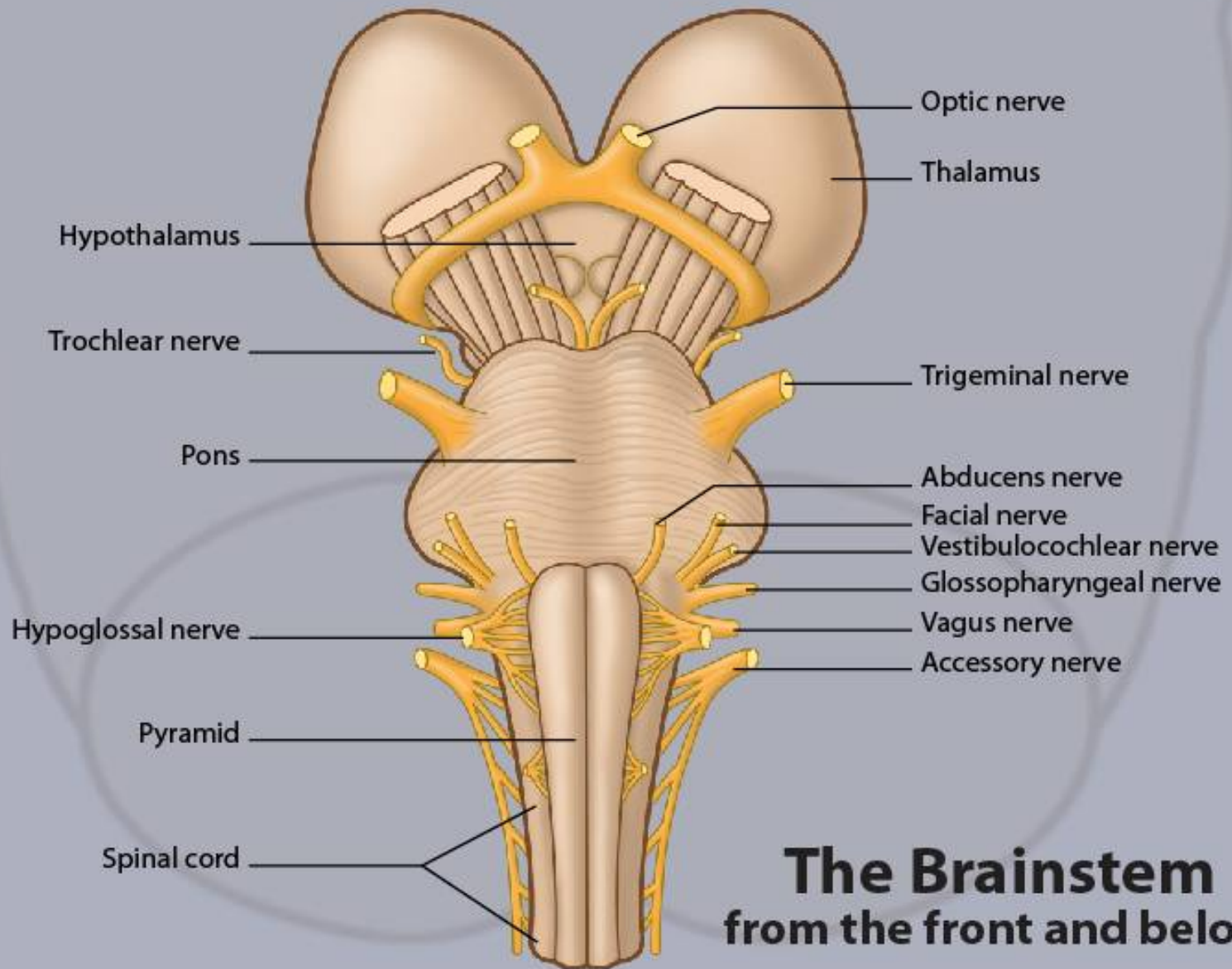


External view

- Ant. View
- Lat. View
- Pos. view

Internal structure

- Basilar
- Tegmental:
- Inf.
- Sup.



The Brainstem
from the front and below

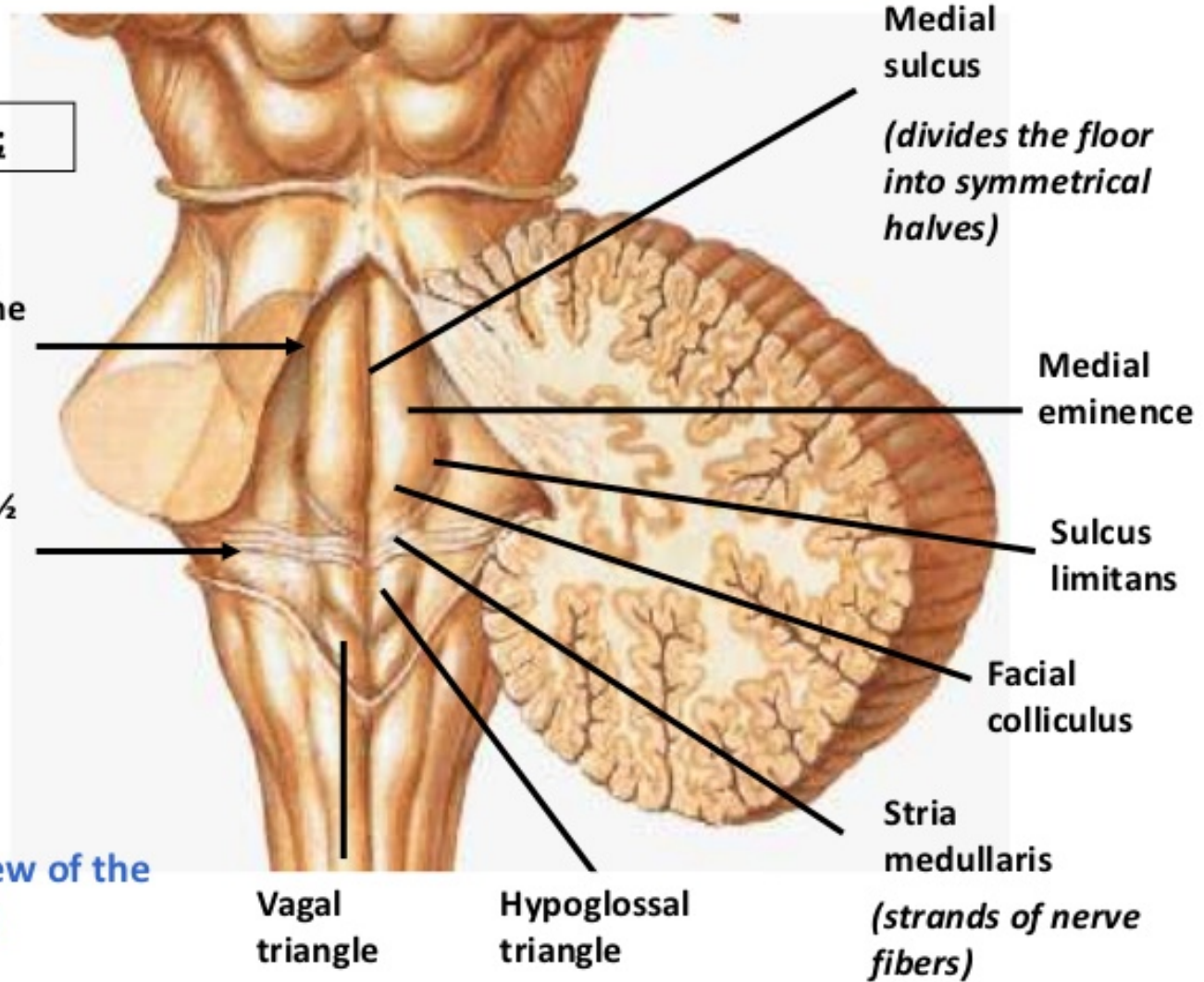
Floor or rhomboid fossa of fourth ventricle :

Formed by ;

1. Posterior surface of the pons

2. Cranial $\frac{1}{2}$ of the medulla oblongata

Posterior view of the 4th ventricle



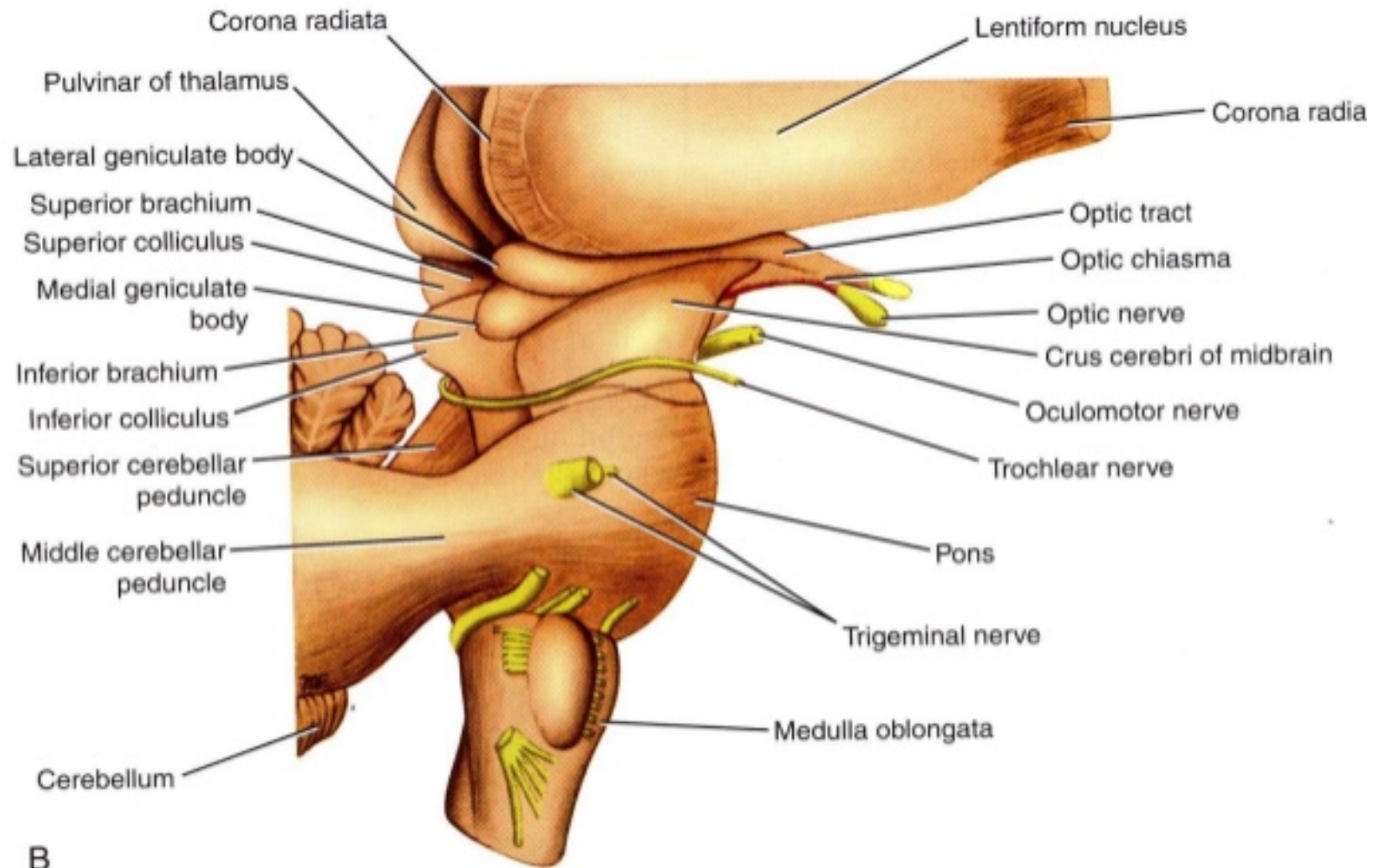
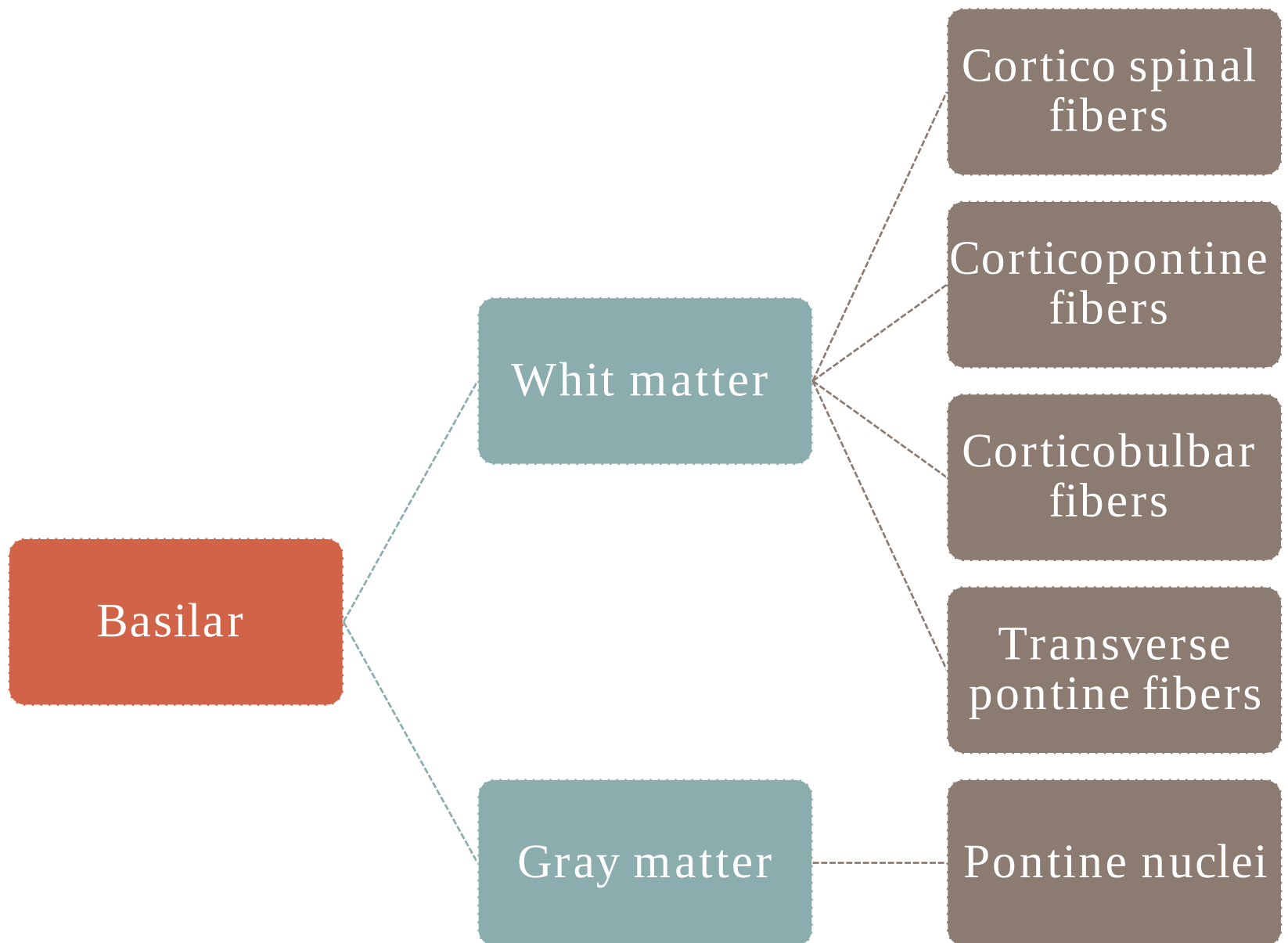
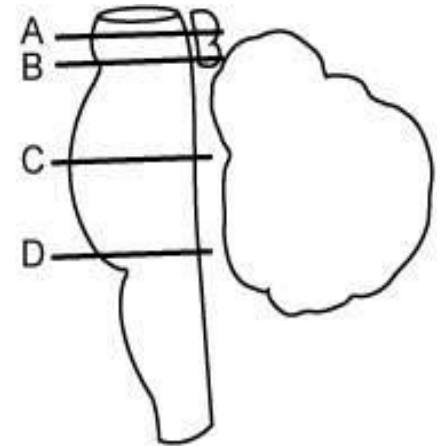
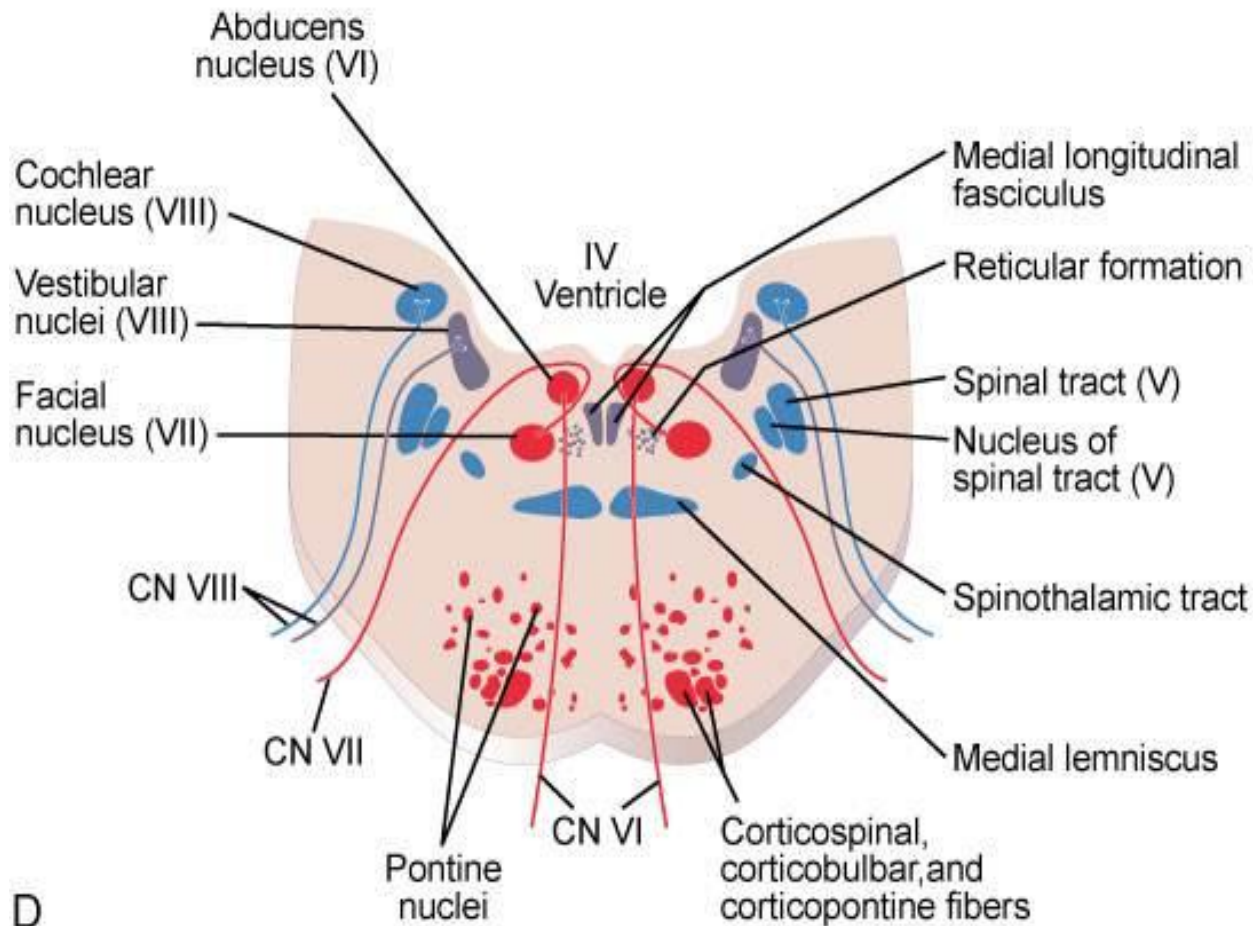


Figure 5-16 The midbrain. **A.** Anterior view. **B.** Lateral view.

Lateral view





D

Diagram illustrating the components of the tegmentum. A red circle labeled "tegmentum" is on the left. Two arrows point from it to two circles on the right: a yellow circle labeled "Gray matter" and a teal circle labeled "Whit matter".

tegmentu
m

Gray
matter

Whit
matter

Tegmentum(inf)

nucleus

fibers

Tegmentum
(sup)

nucleus

fibers

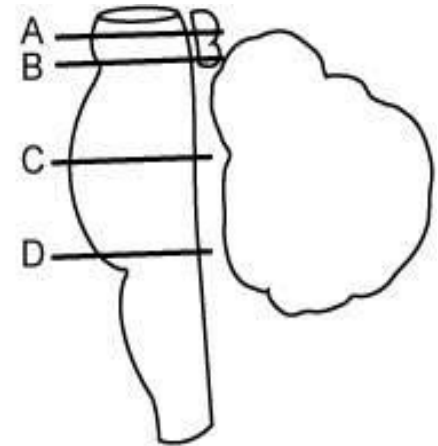
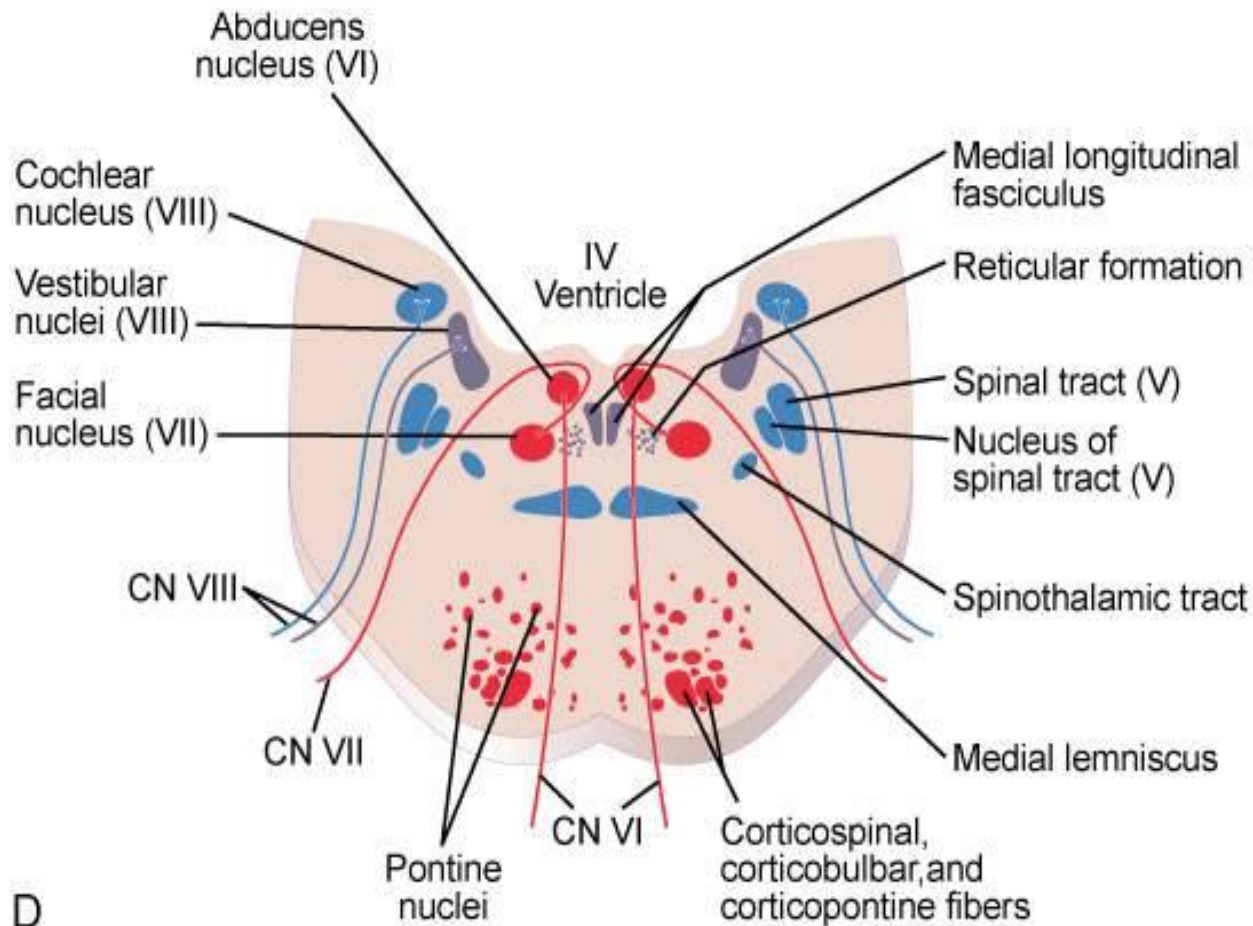
Tegmentum (inf)

nucleus

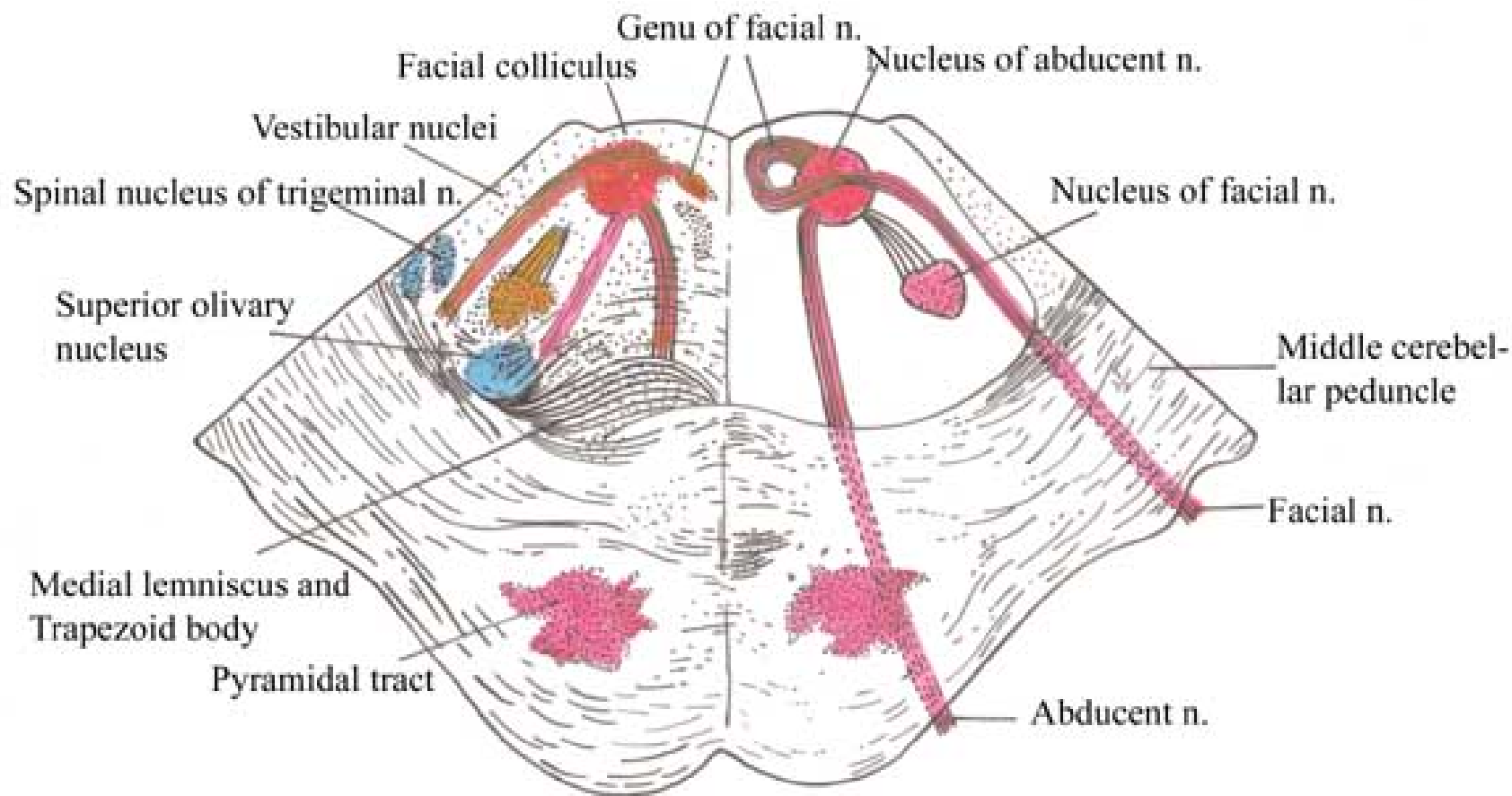
- vestibular
- Spinal nucleus of trigeminal nerve
- Nucleus of abducent nerve
- Motor nucleus of facial nerve
- Sup. Salivatory nucleus

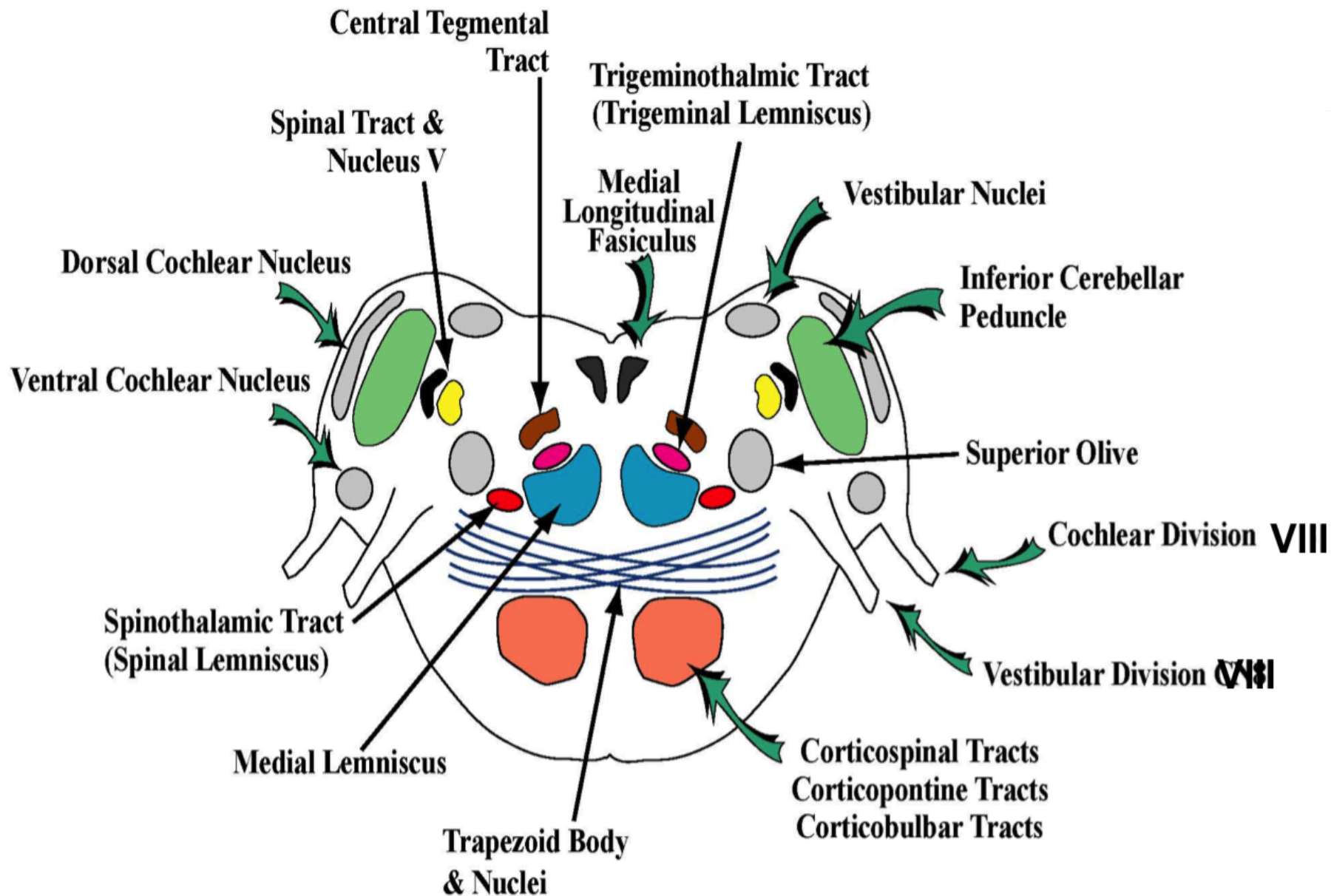
fibers

- Trapezoid body
- Lateral lemniscus
- Med. Lemniscus
- Reticular formation
- Spinal nucleus of trigeminal nerve
- middle Cerebellar peduncle
- MLF
- motor fiber of facial and abducent nerve



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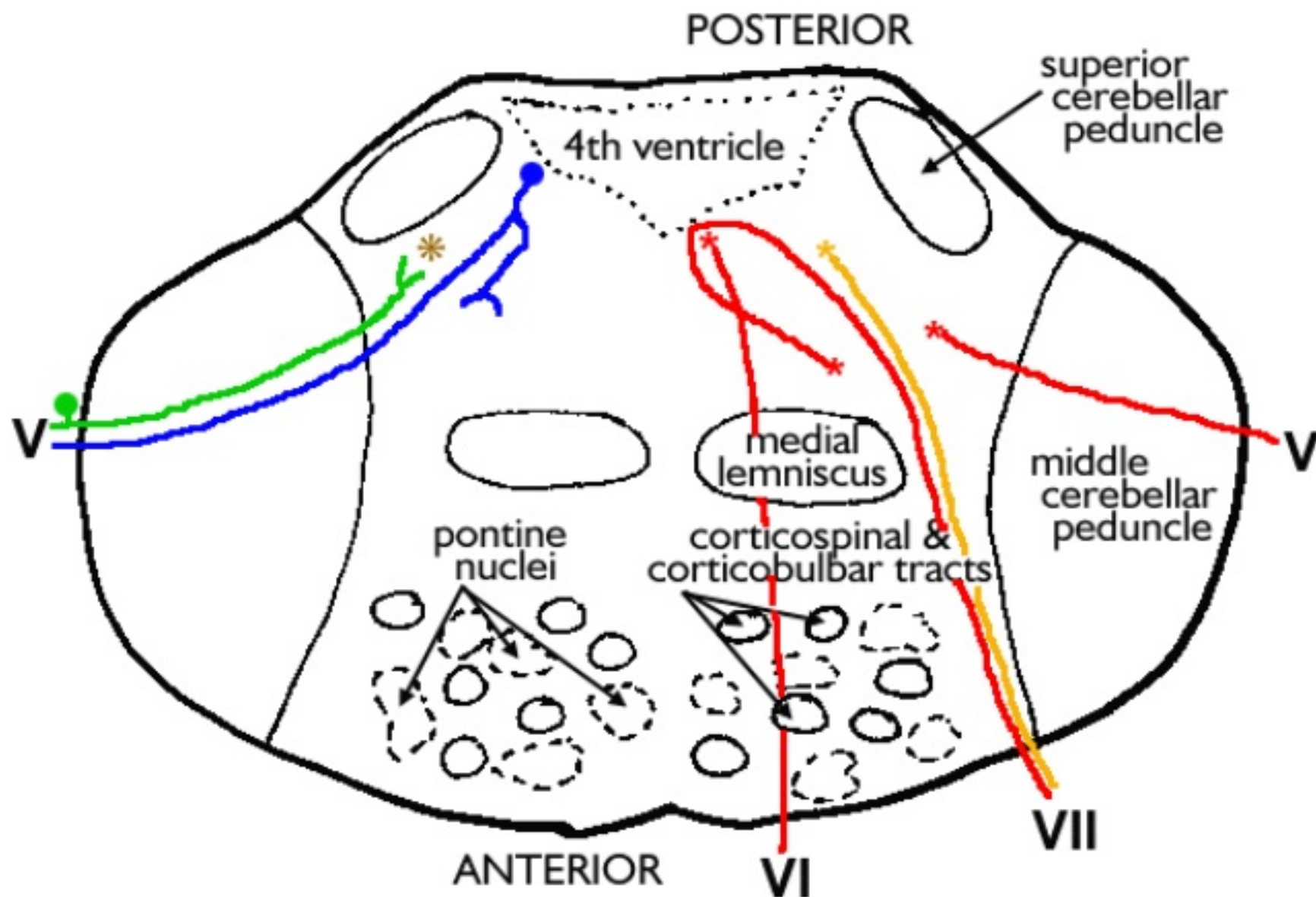
Tegmentum (sup)

nucleus

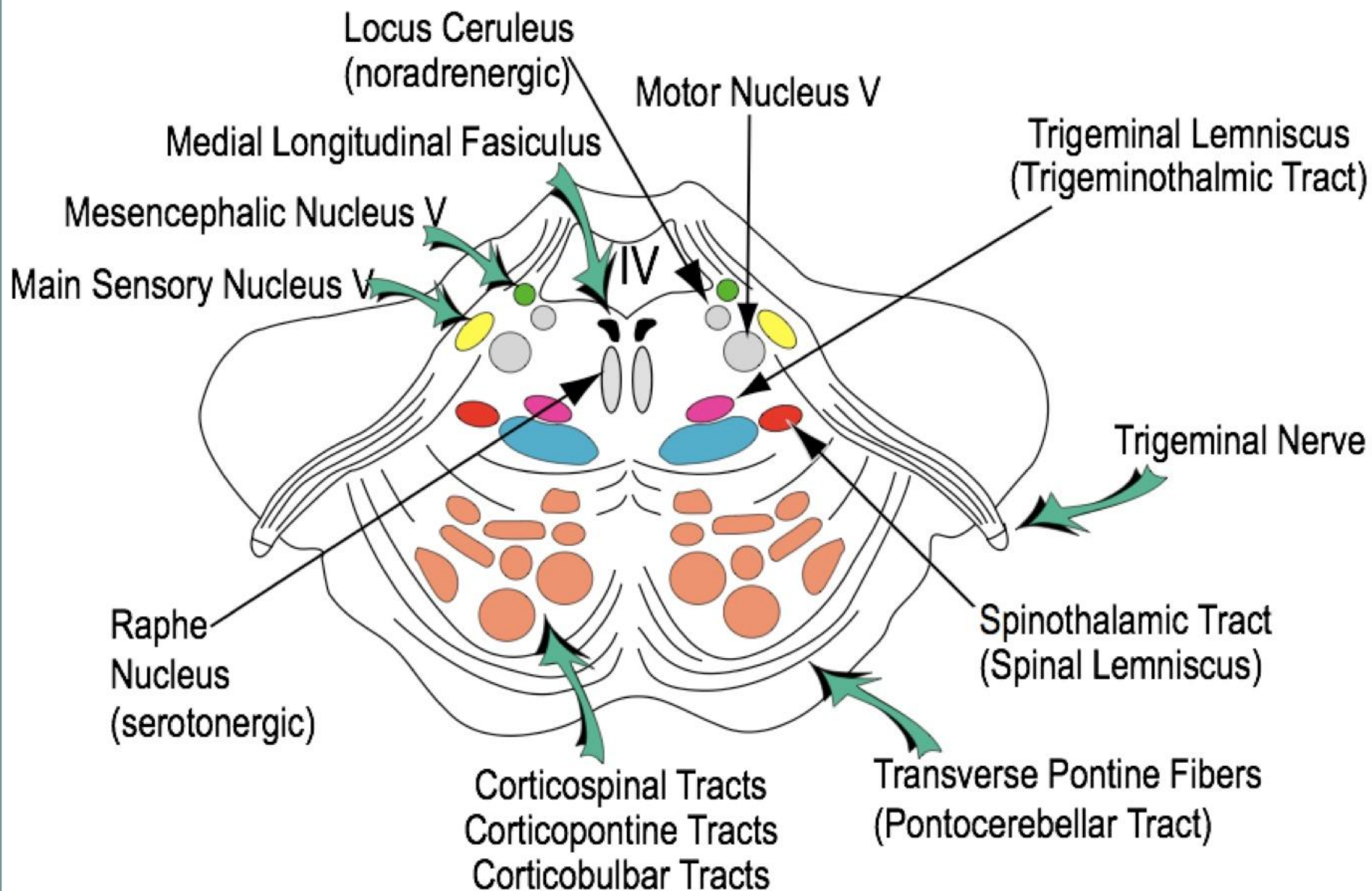
- Main sensory nucleus of trigeminal nerve
- motor nucleus of trigeminal nerve

fibers

- Trapezoid body
- Lateral lemniscus
- Med. Lemniscus
- Spinal lemniscus
- motor fiber of trigeminal nerve
- MLF
- Reticular formation
- Sup. Cerebellar peduncle



CROSS SECTION OF PONS



Pons (caudal)

