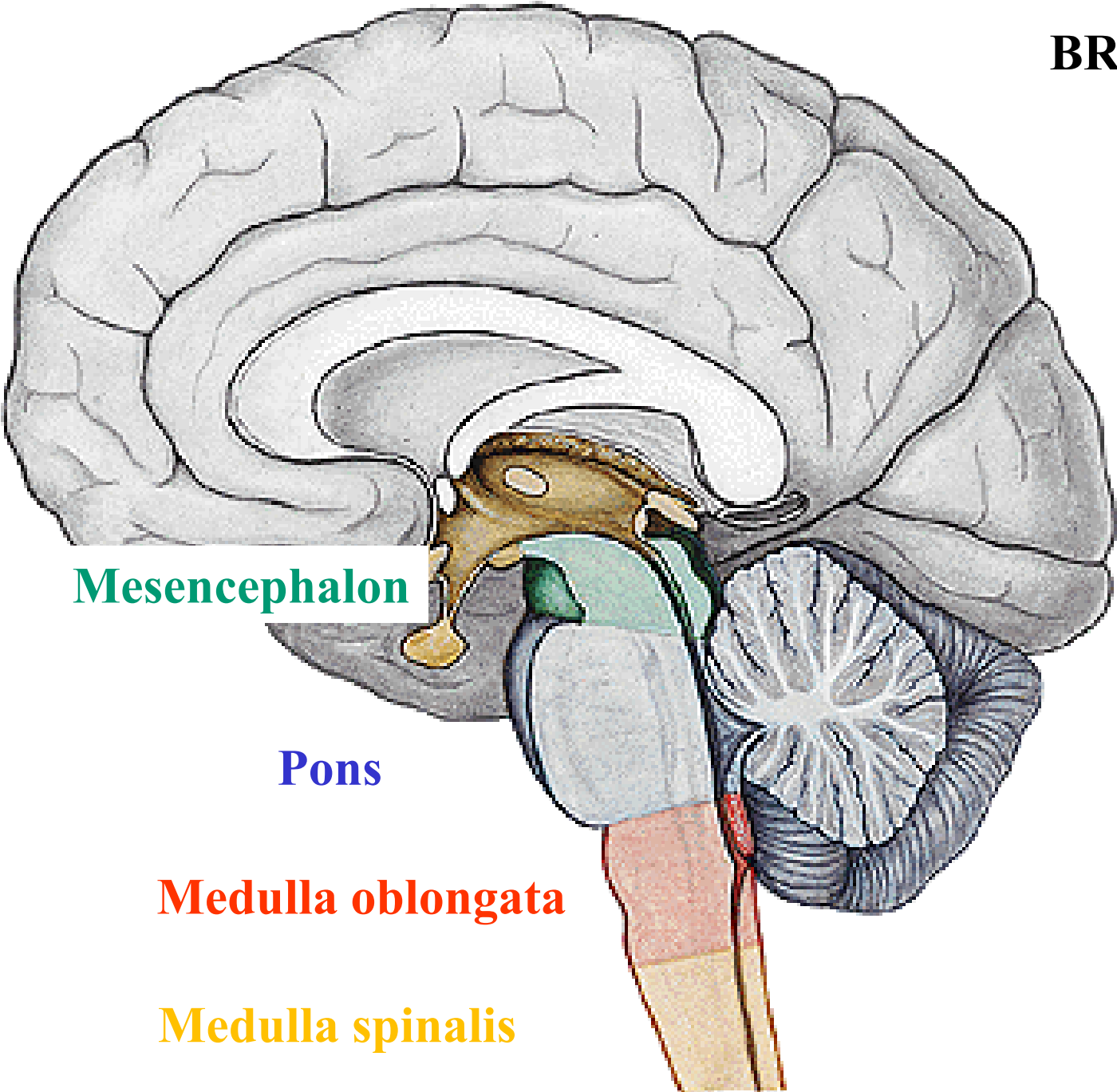


# BRAINSTEM

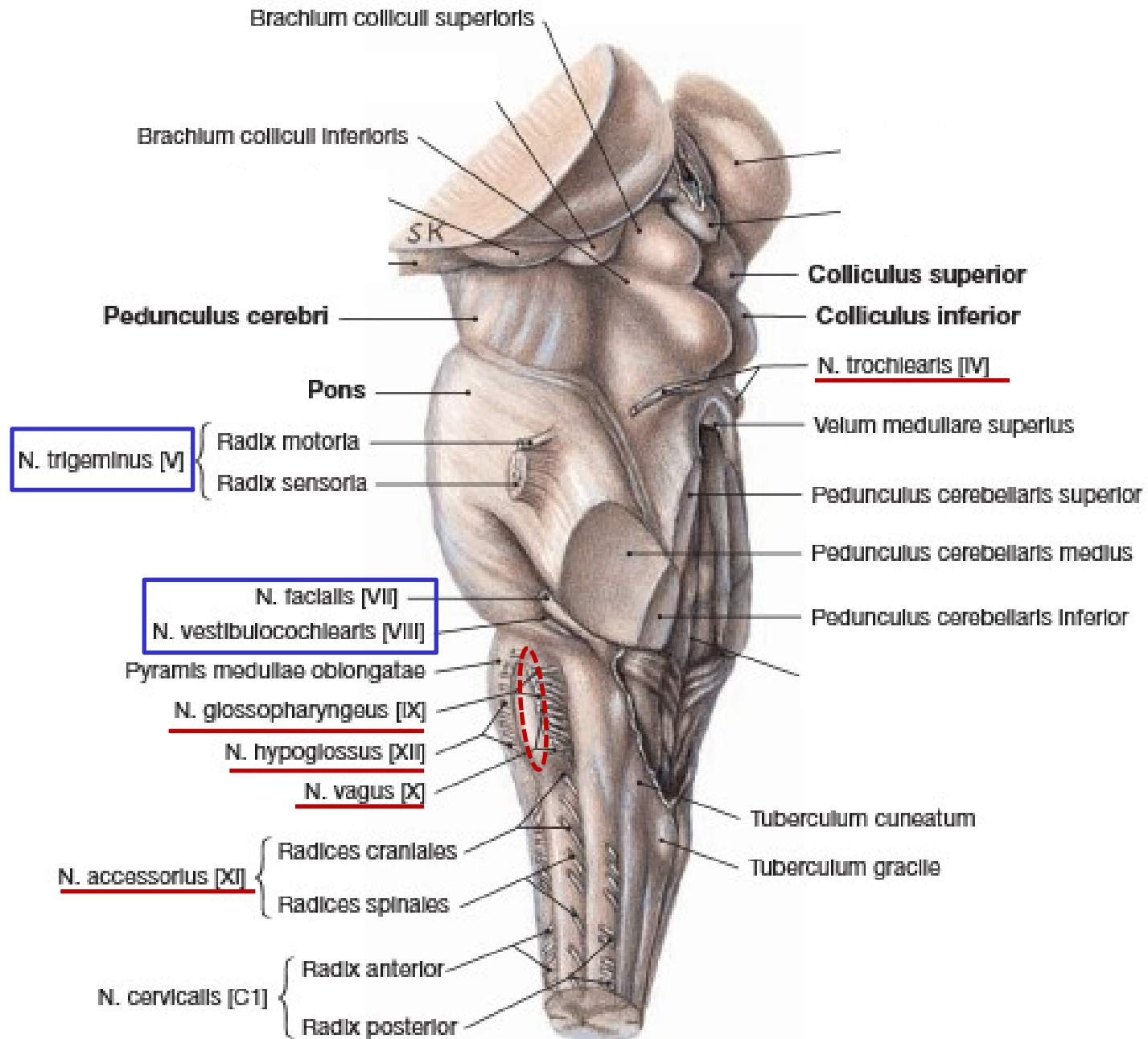


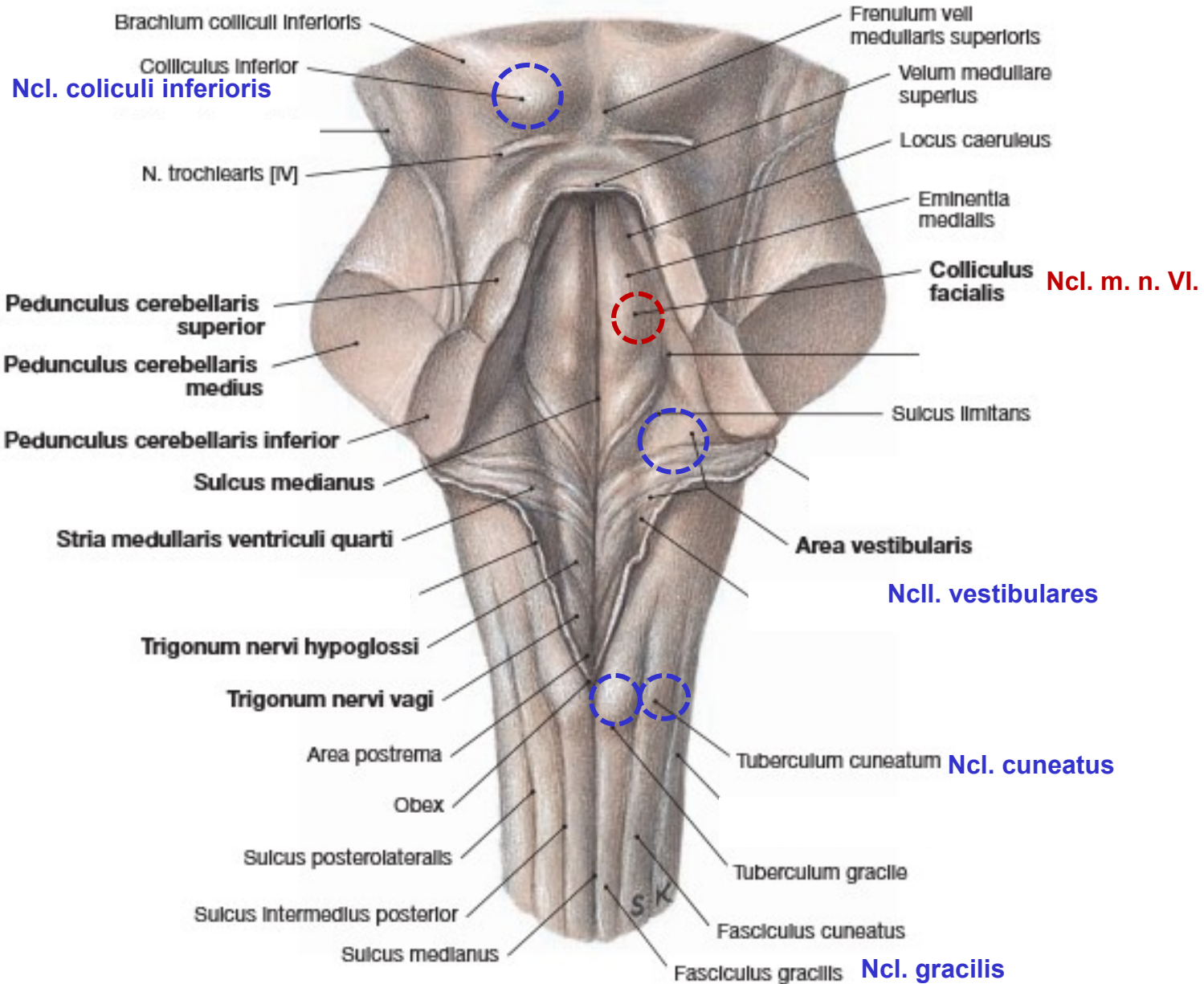
Mesencephalon

Pons

Medulla oblongata

Medulla spinalis





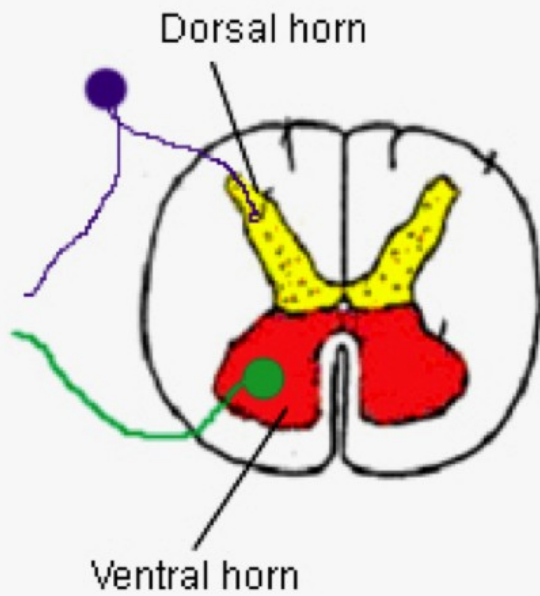
**Ncl. coliculi inferioris**

**Ncl. m. n. VI.**

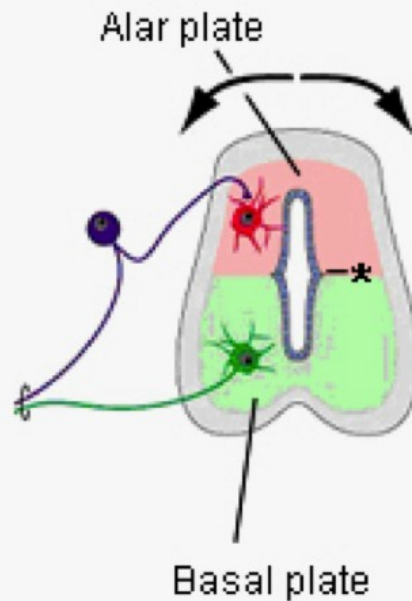
**Ncll. vestibulares**

**Ncl. cuneatus**

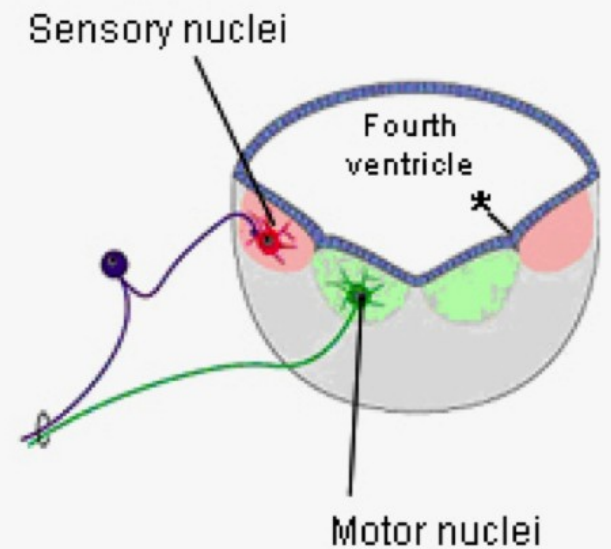
**Ncl. gracilis**



**Spinal cord**

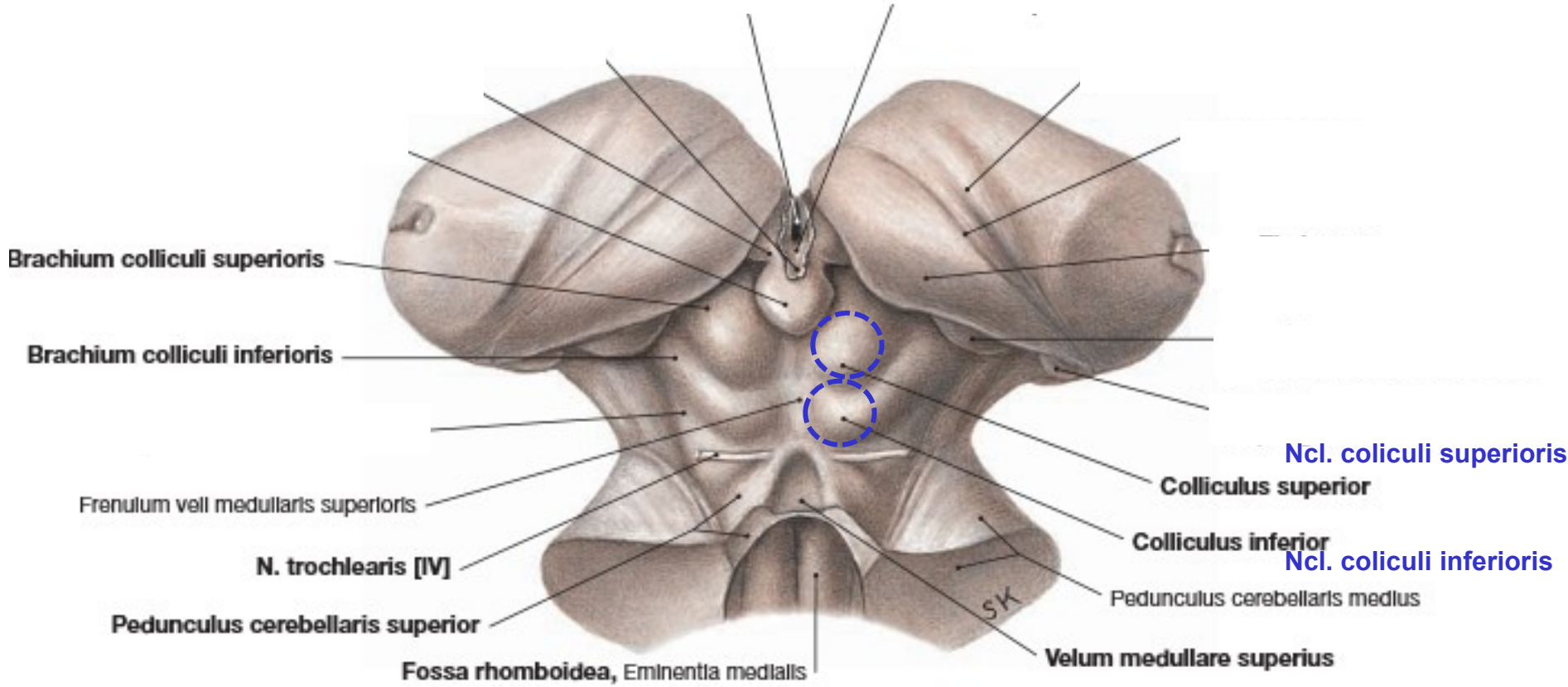


**Neural tube**

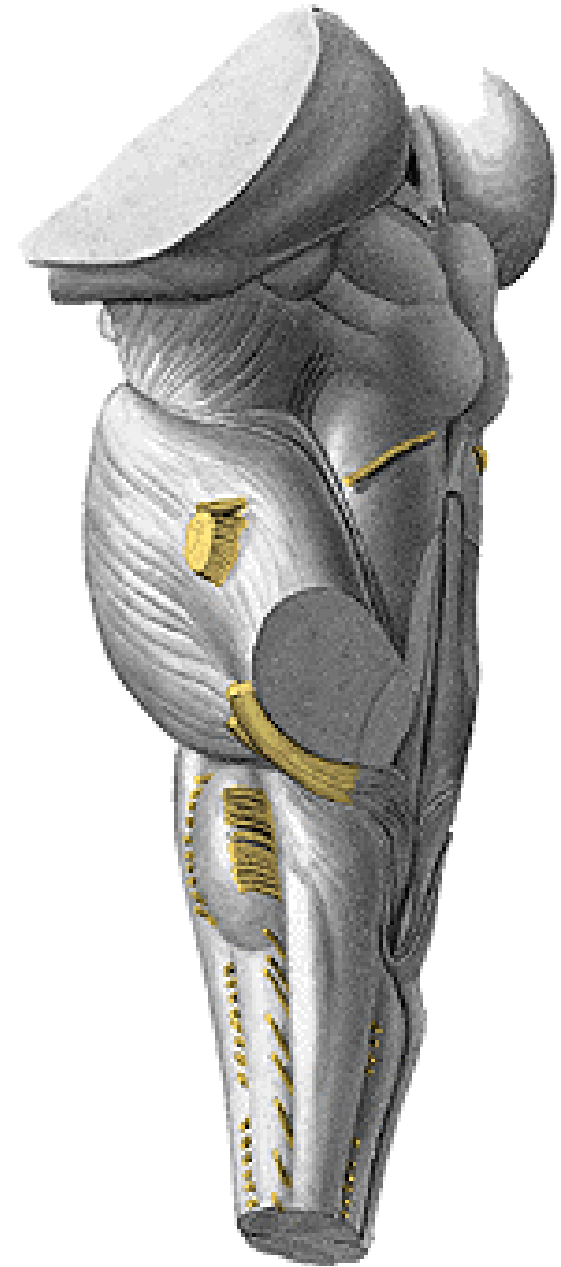
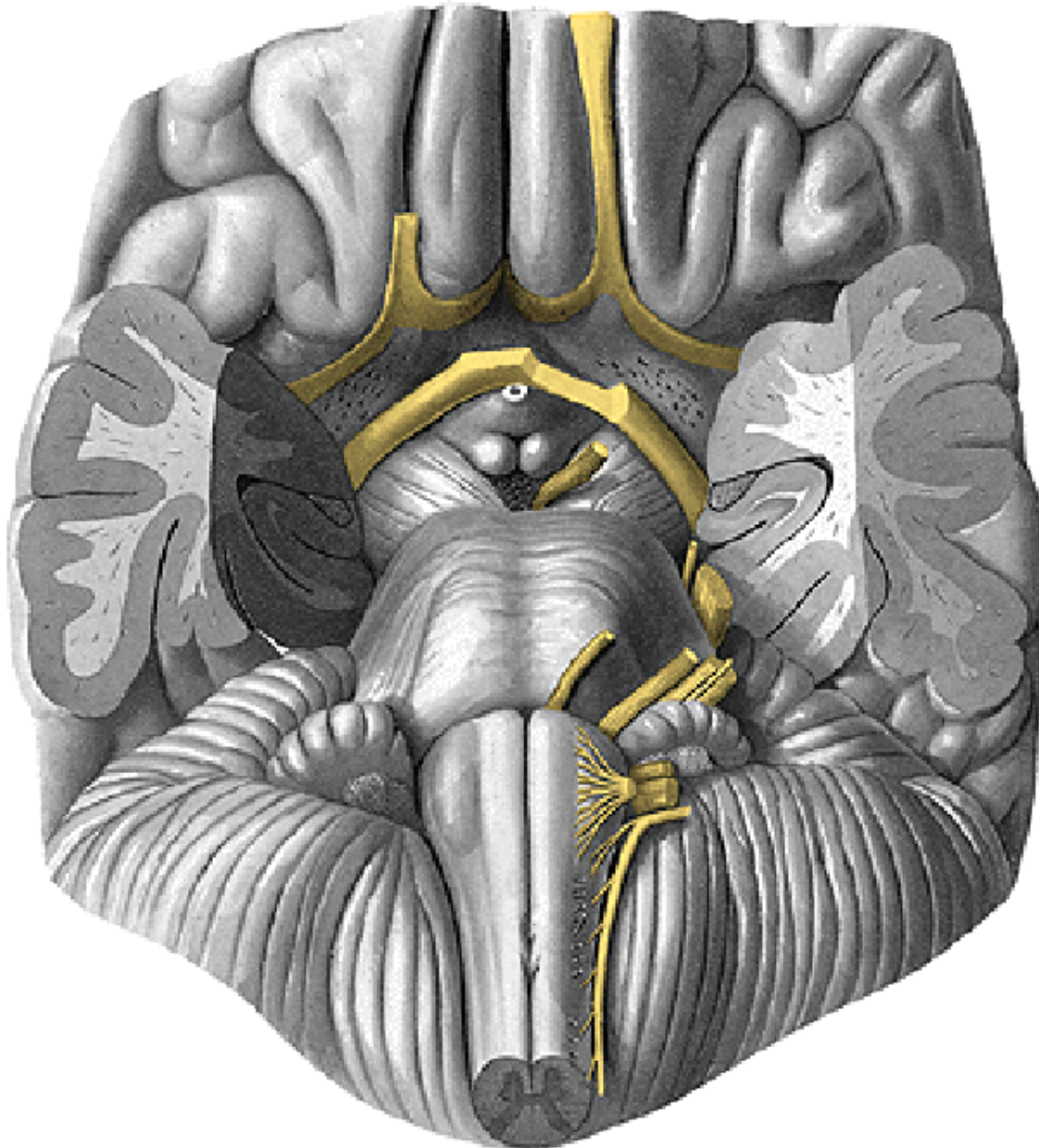


**Brainstem**

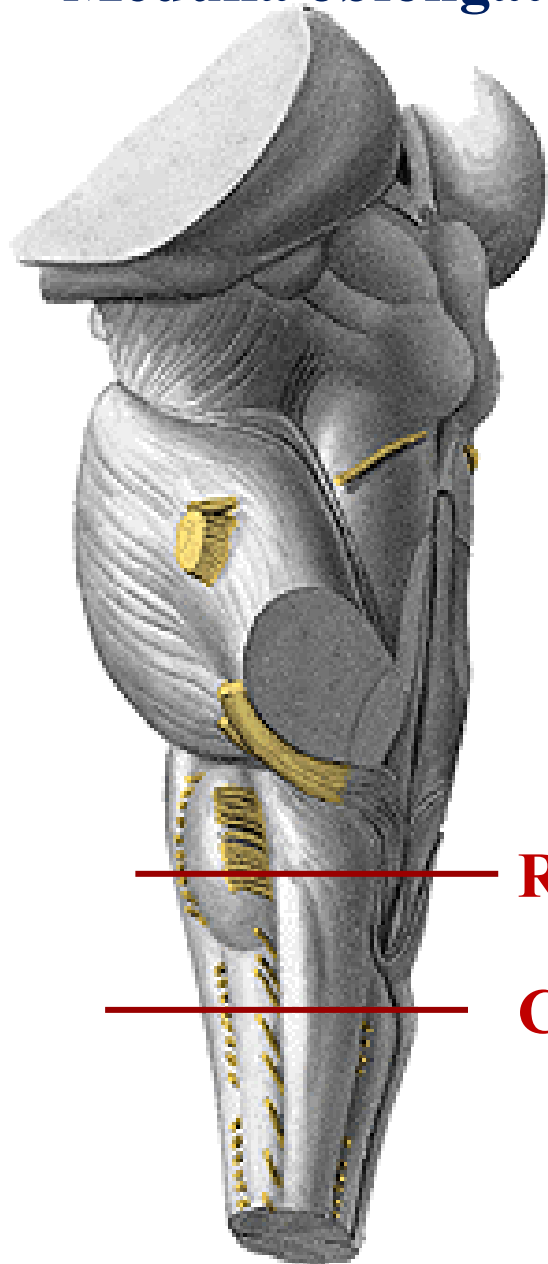
\* sulcus limitans



# BRAINSTEM – appearance of cranial nerves

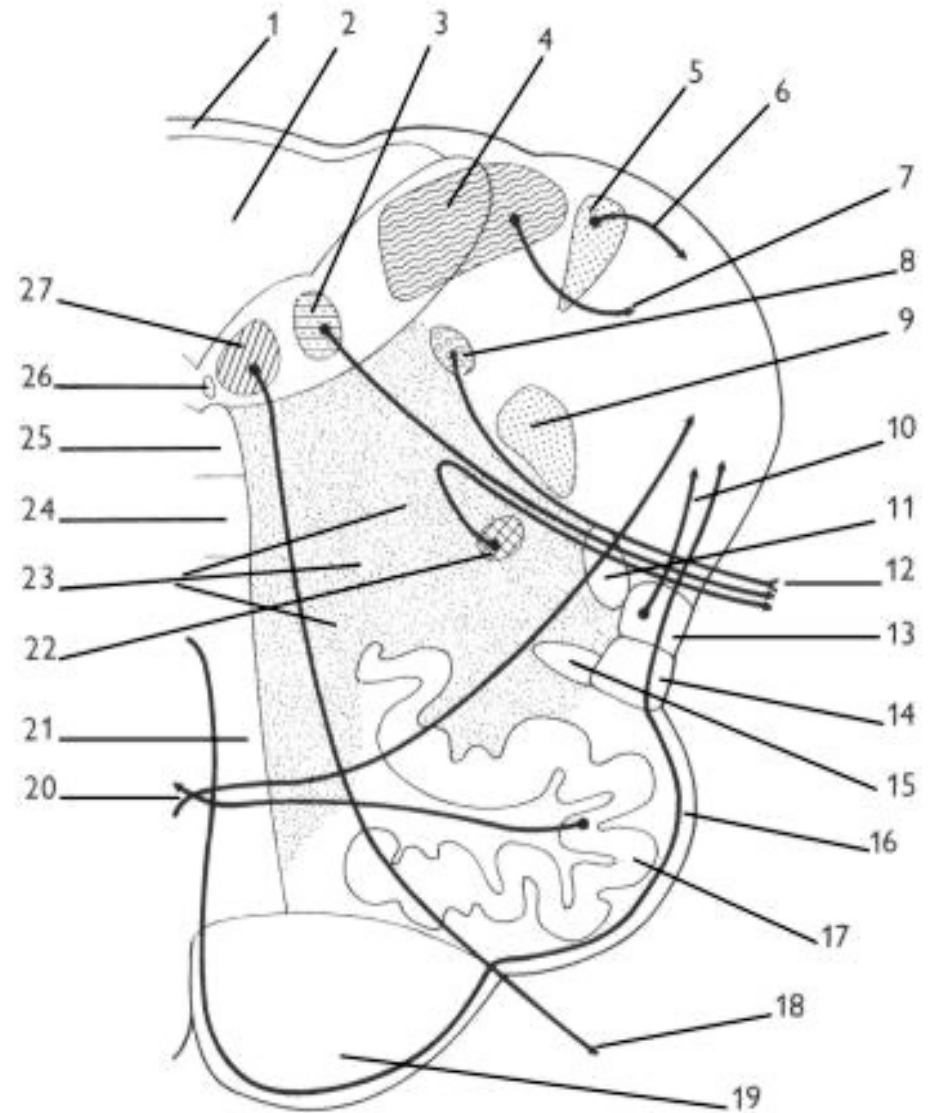


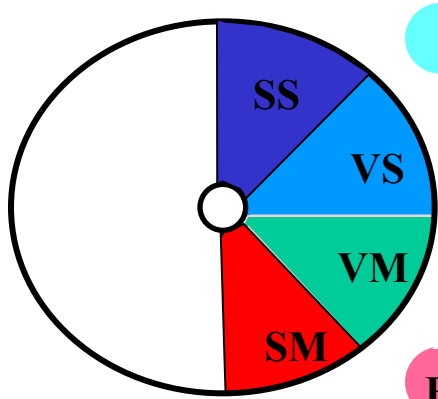
# Medulla oblongata (oblongata) – representative sections



**R**

**C**





ncl. et tr. solitarius

ncl. parasymp. n. X

BM

ncl. originis n. XII

22

20

FR

18

1

2

3

4

5

6

tr. spino-c.post.

tr.cortico-spinalis lat.

tr. spino-c.ant.

tr.rubro-spinalis

tr.spino-th.

tr.ret.-spinalis

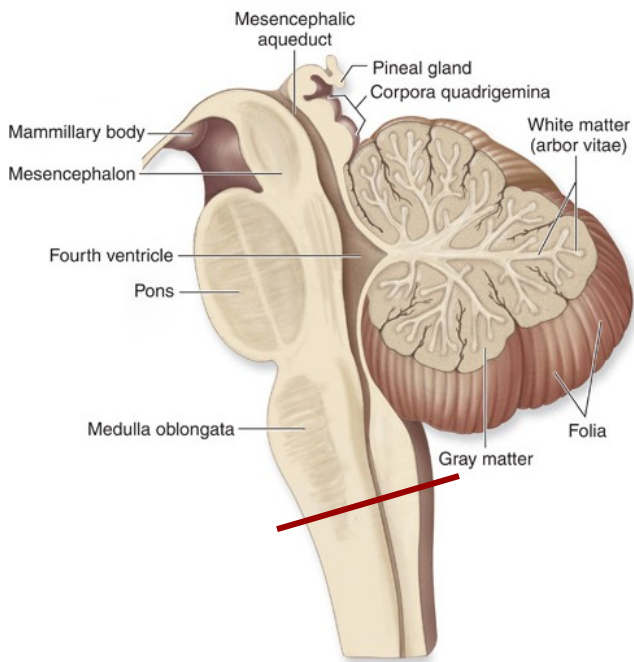
tr.vest.-spinalis

ncl. originis n. XI

FLM

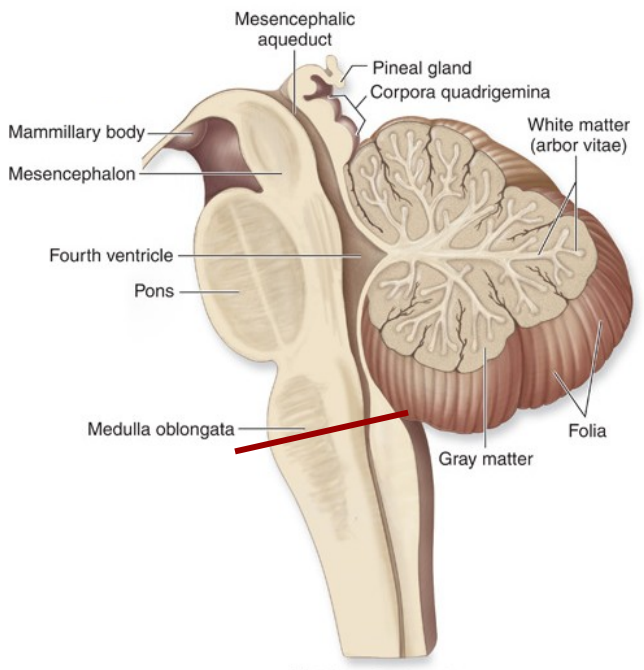
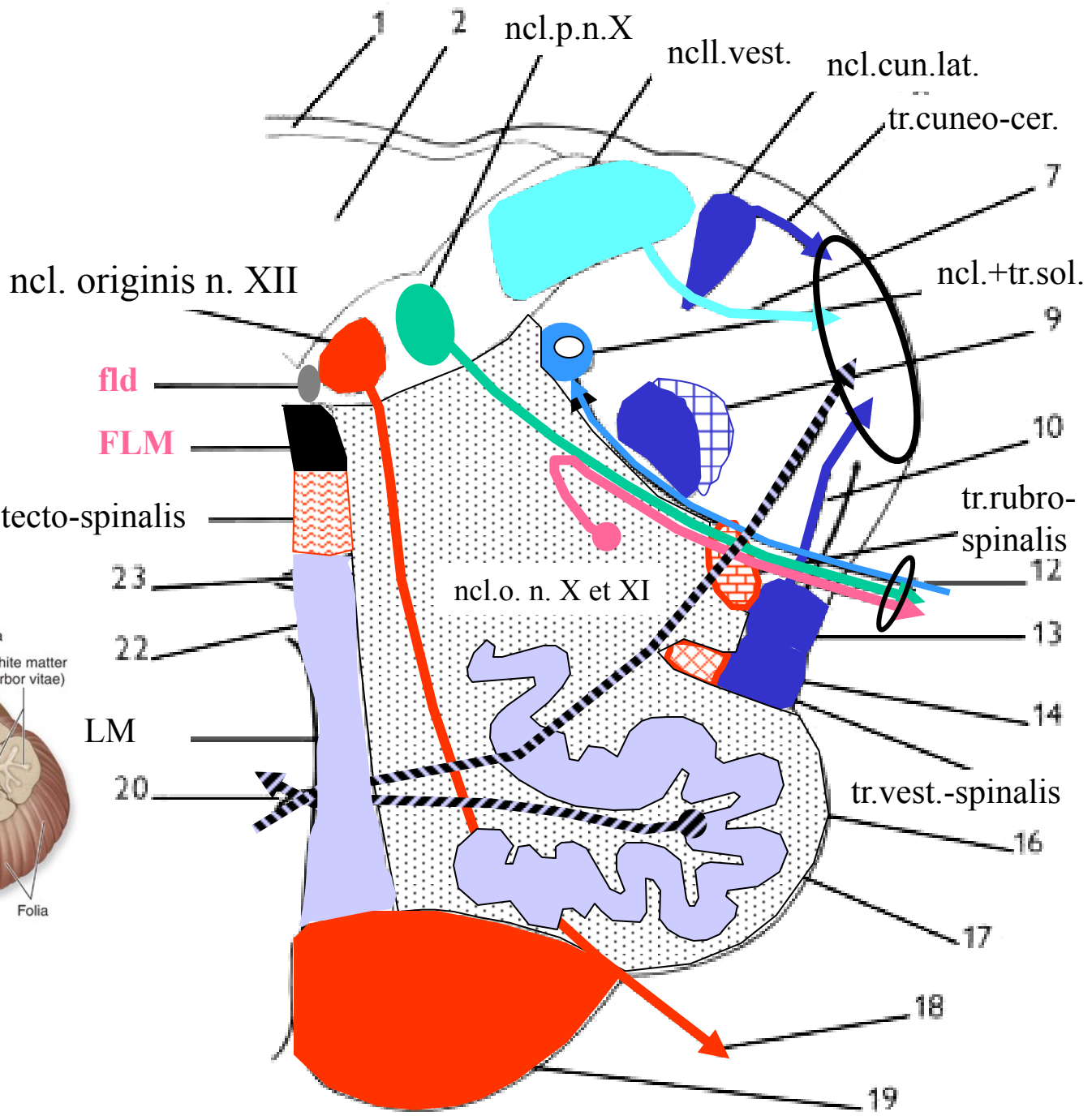
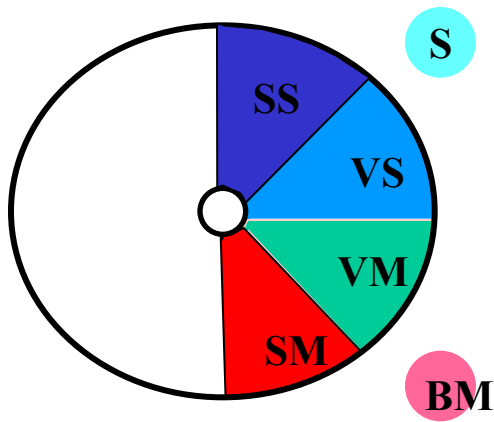
16

tr.tecto-spinalis



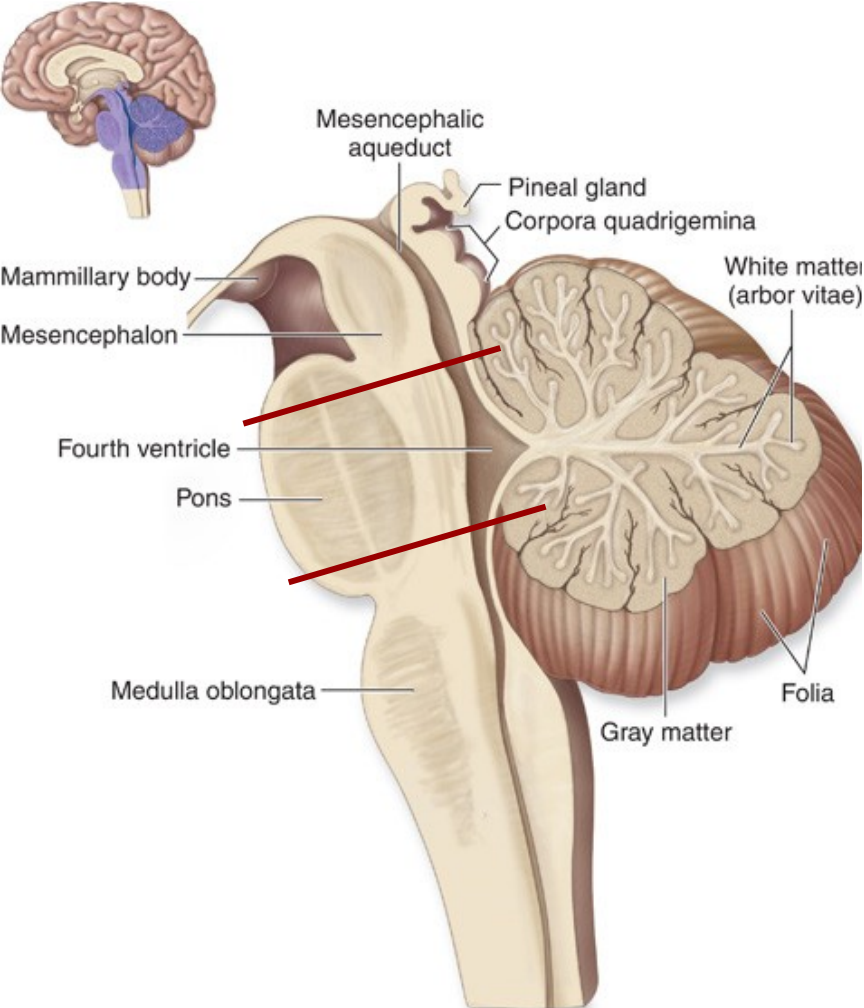
(a) Midsagittal section



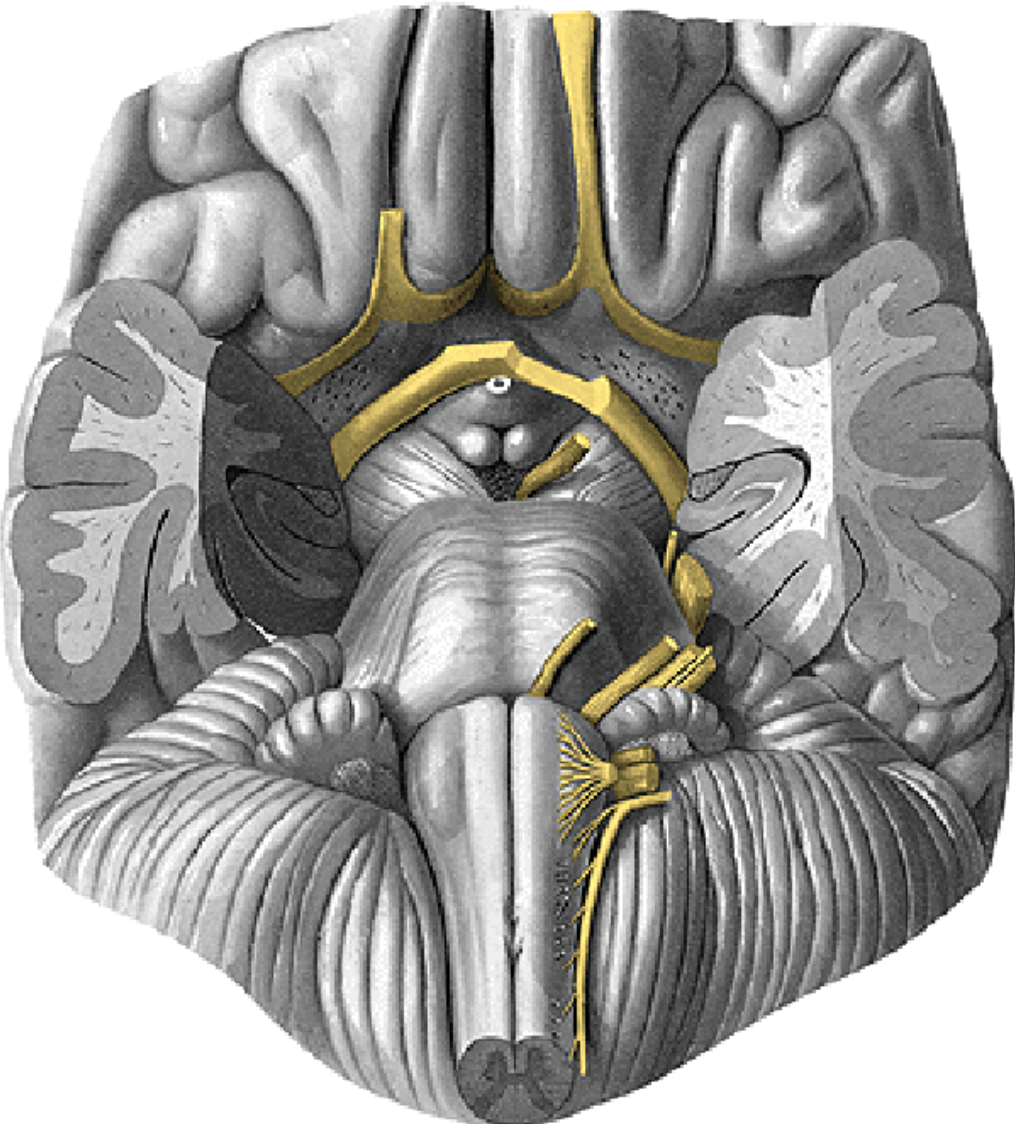


(a) Midsagittal section

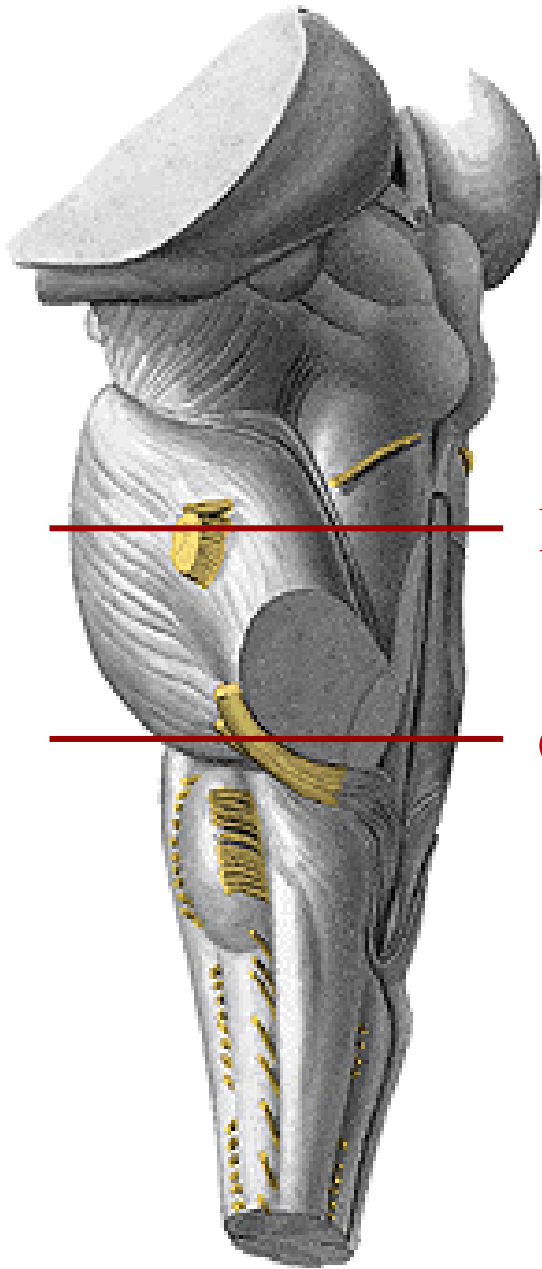
# Pons



(a) Midsagittal section

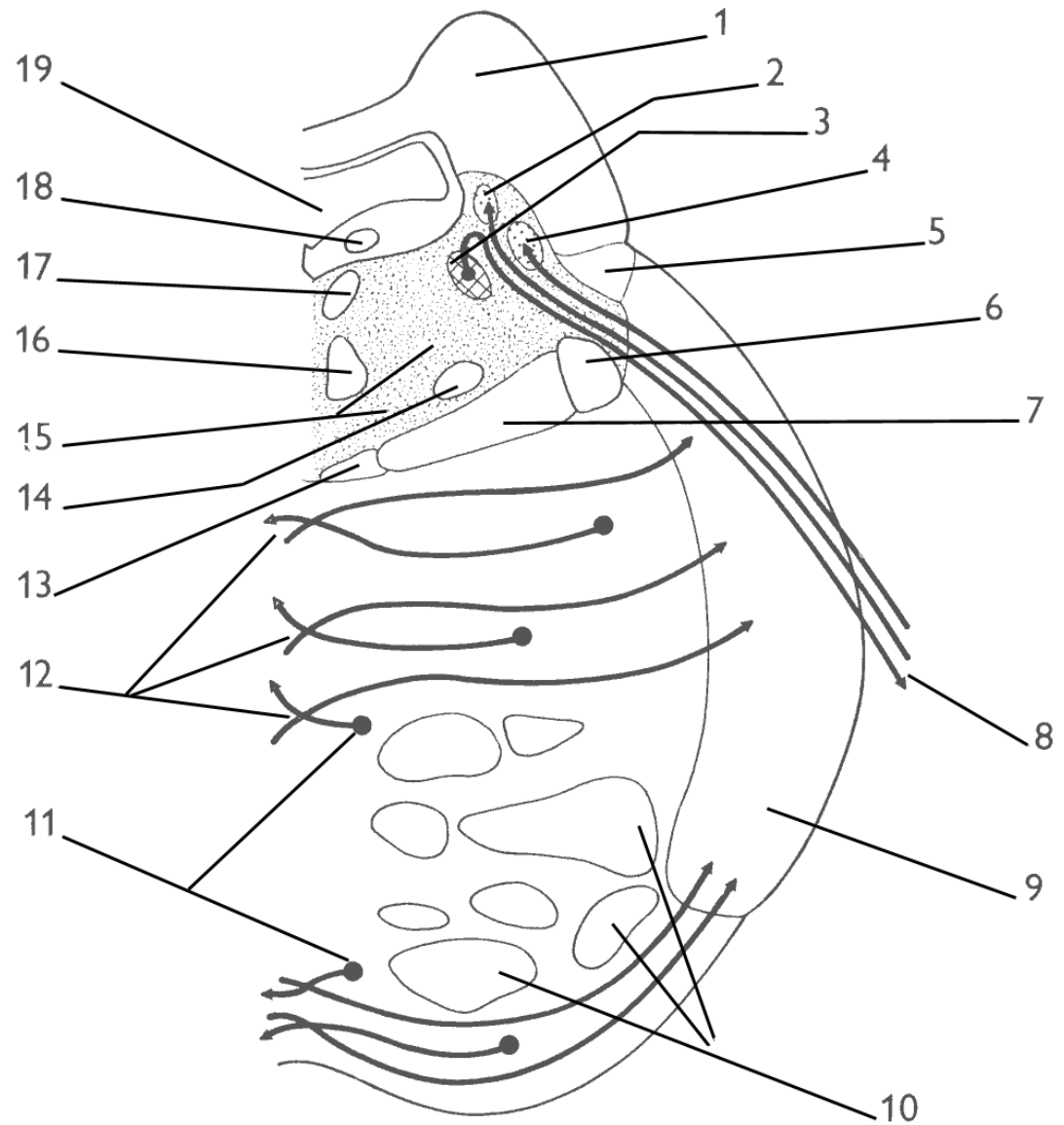


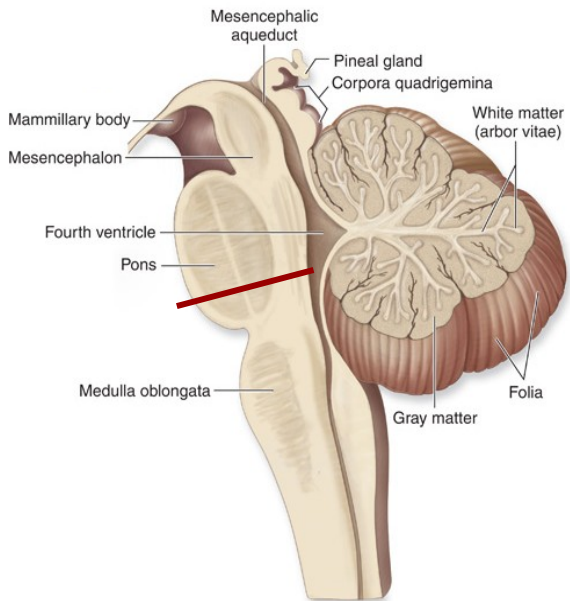
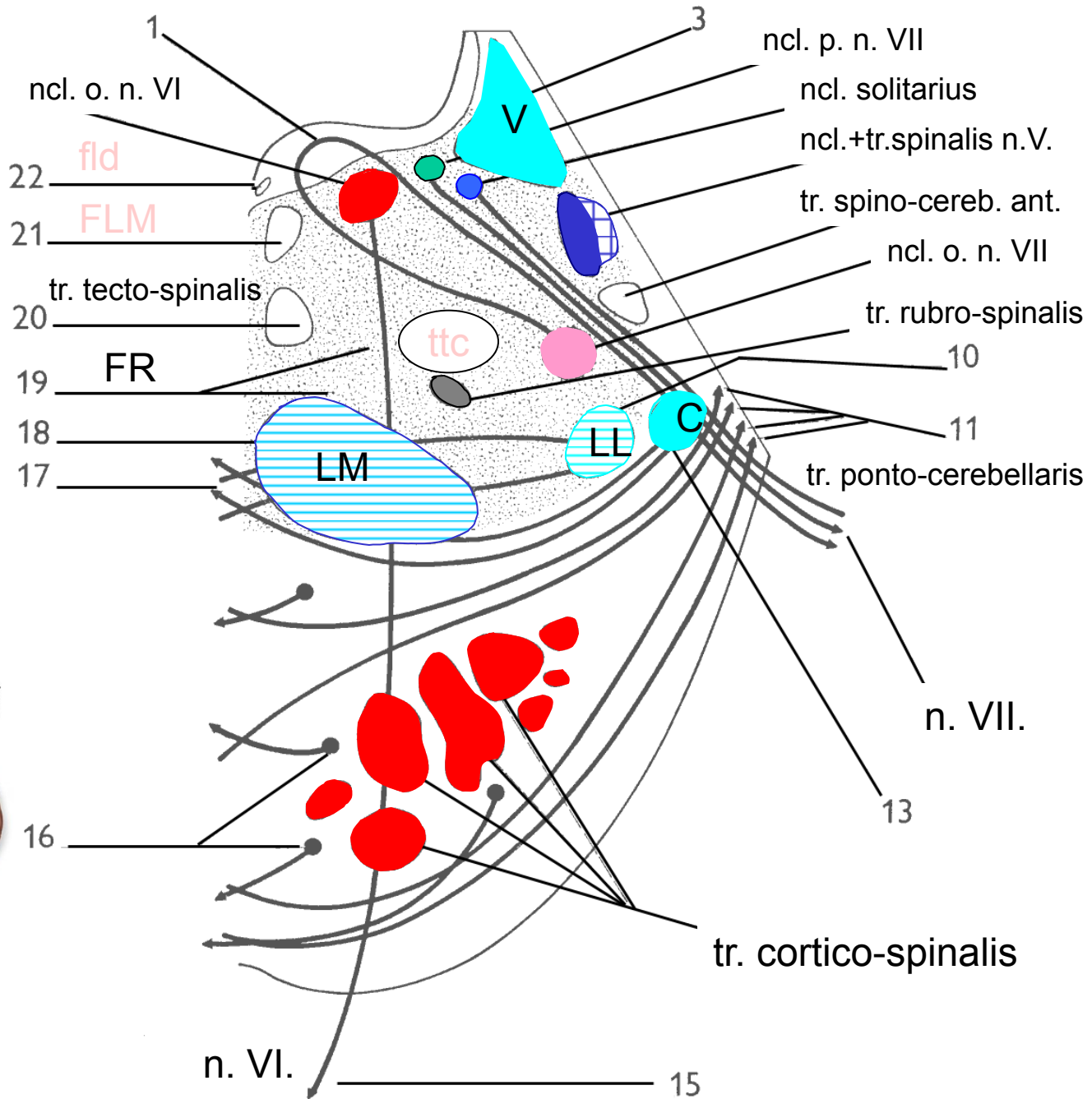
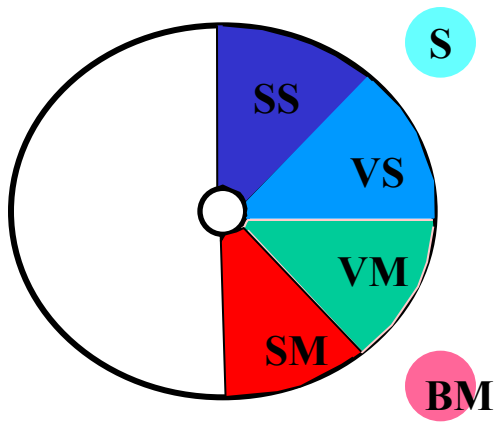
# Pons – representative sections

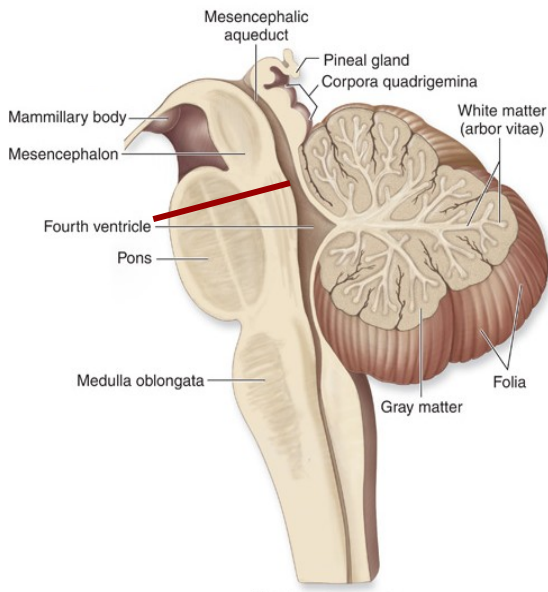
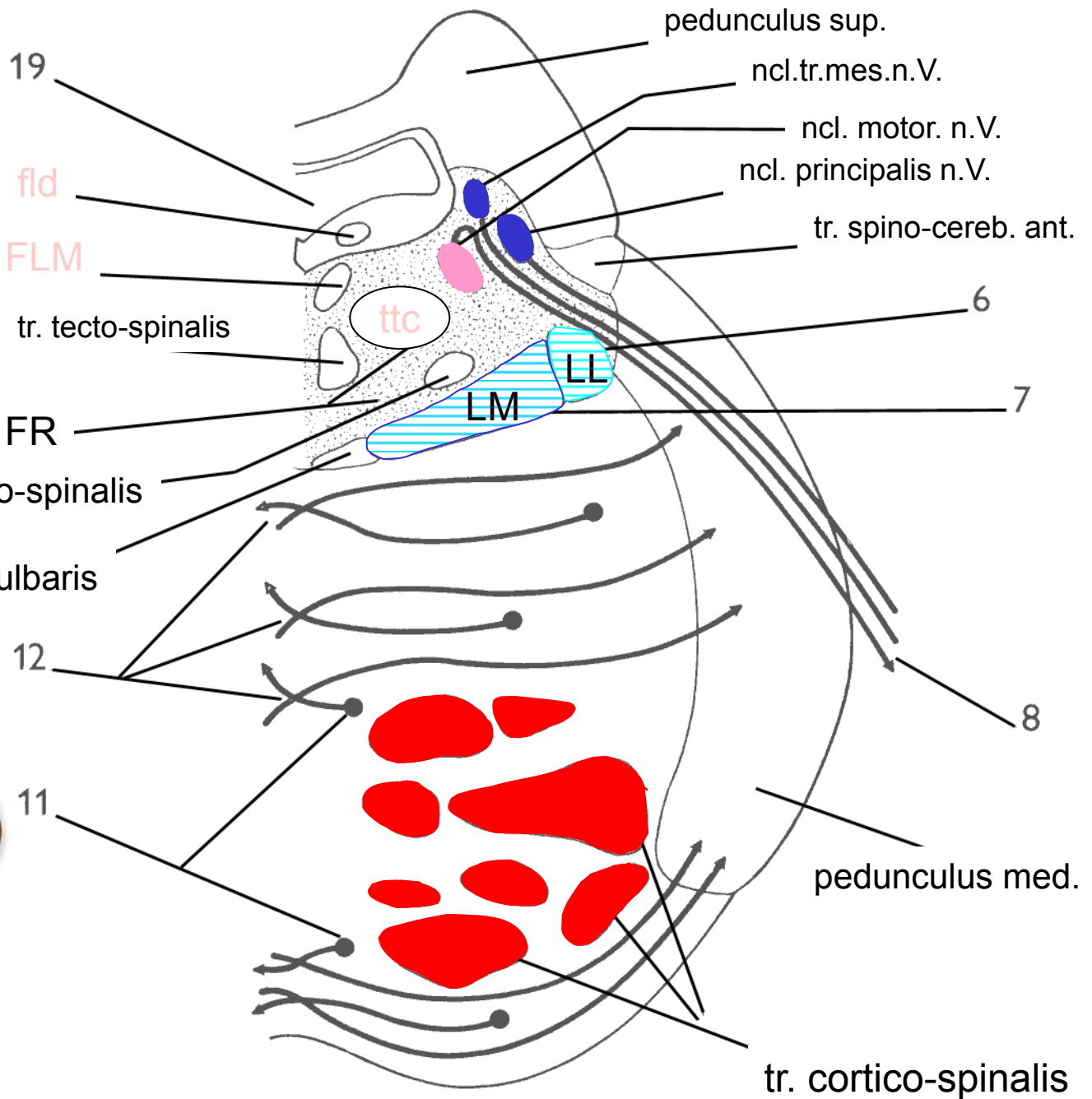
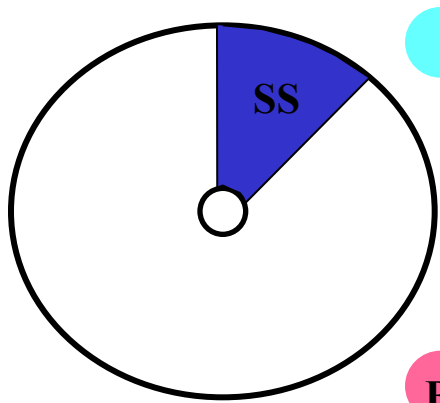


**R**

**C**

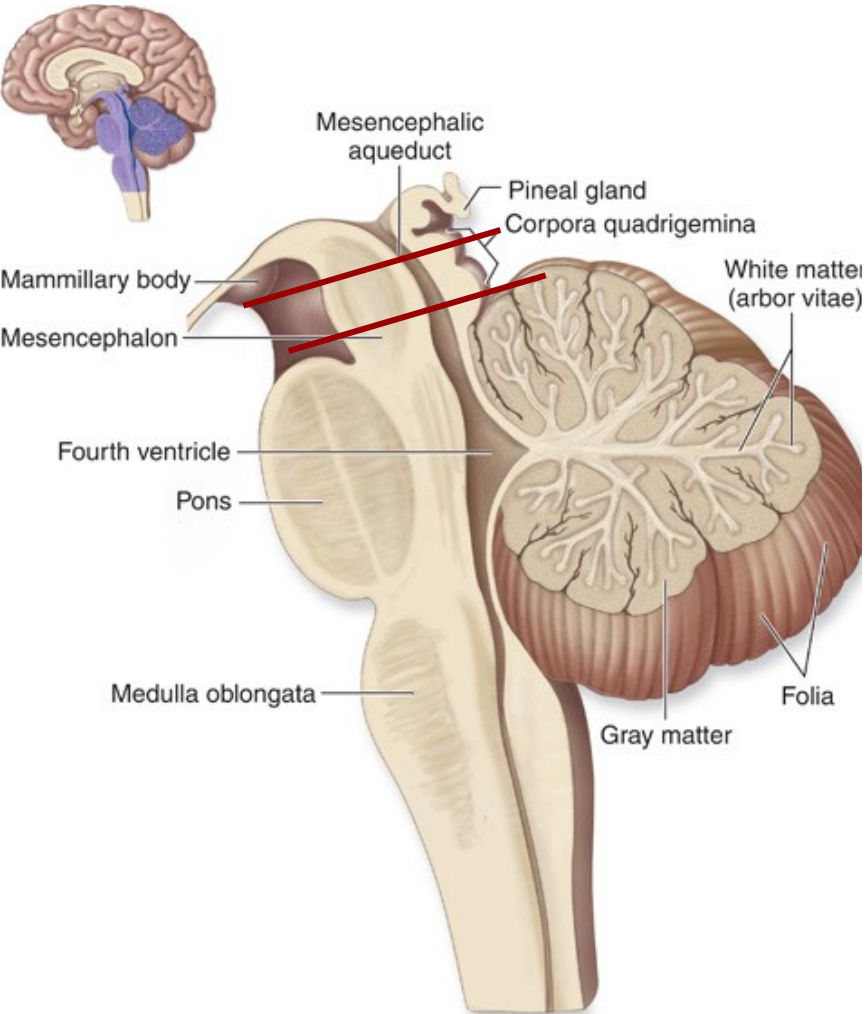




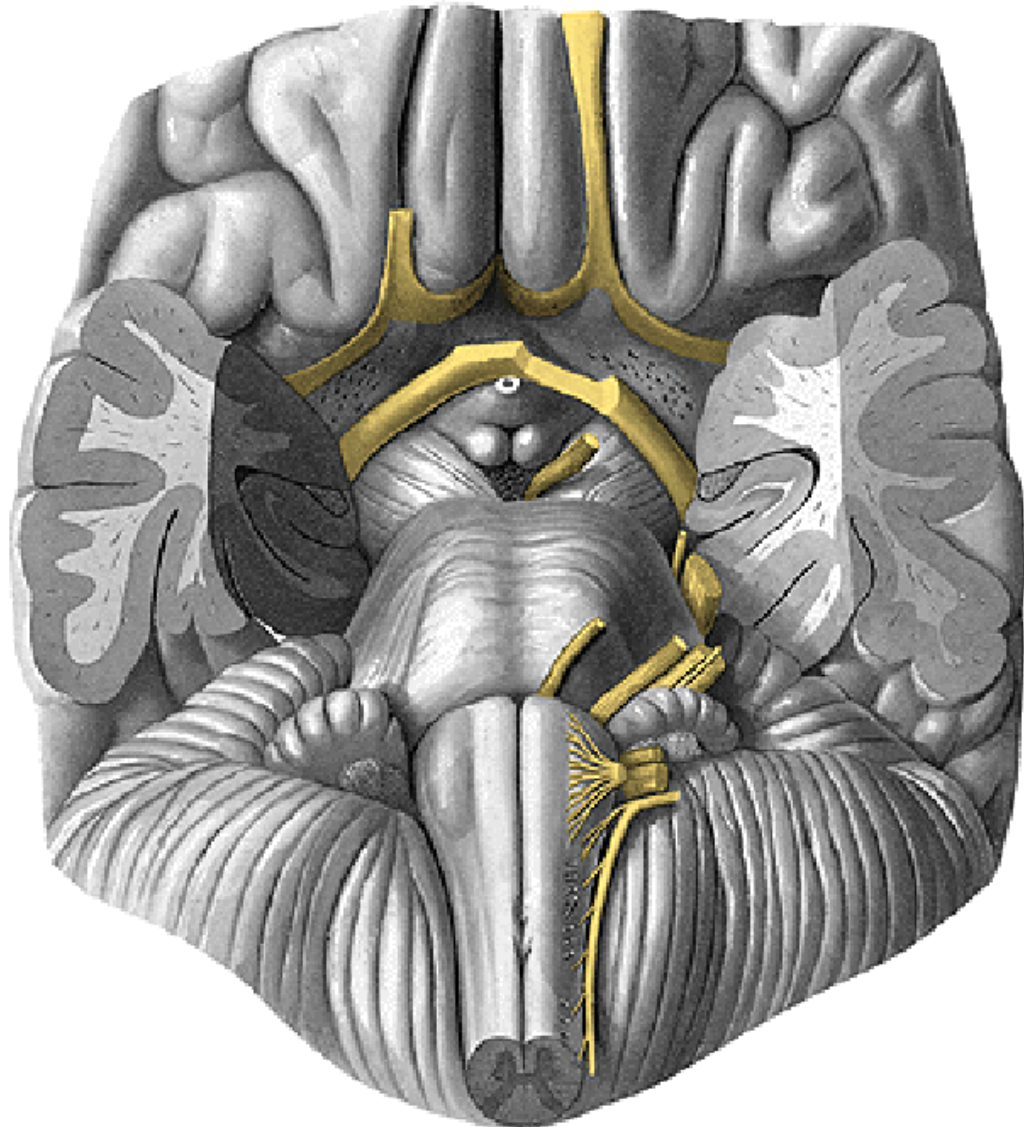


(a) Midsagittal section

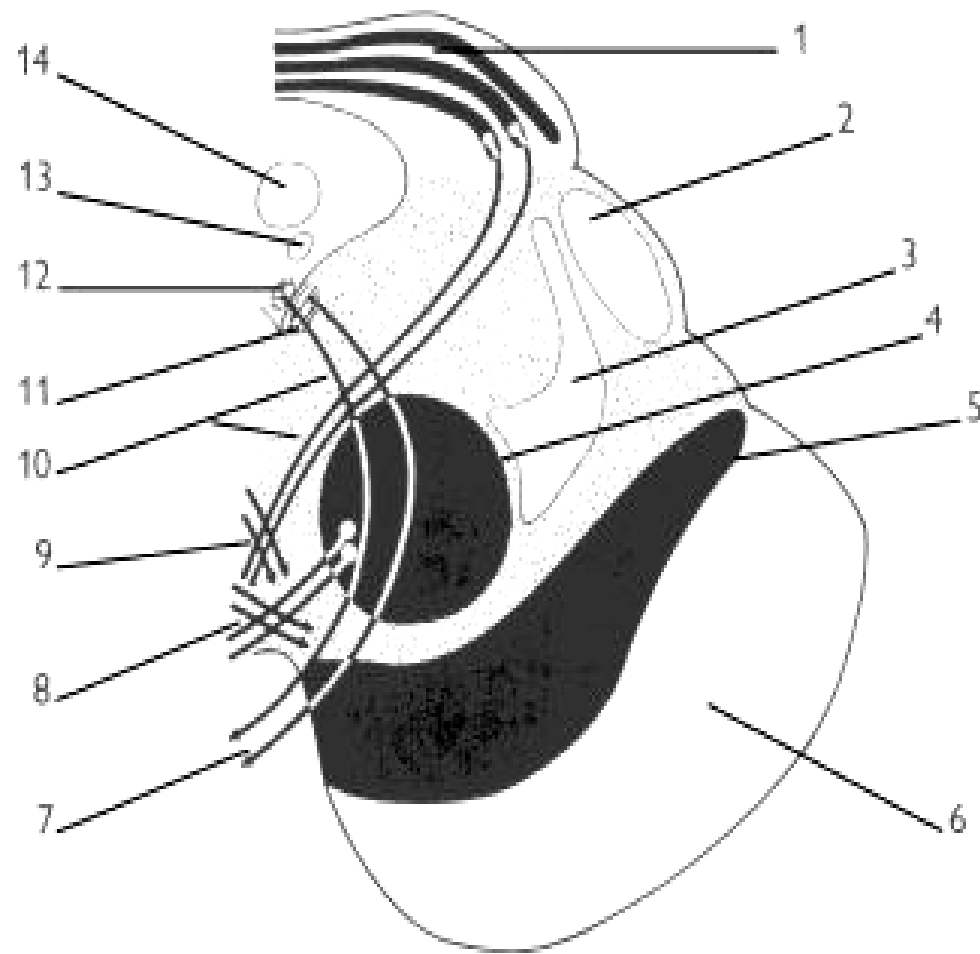
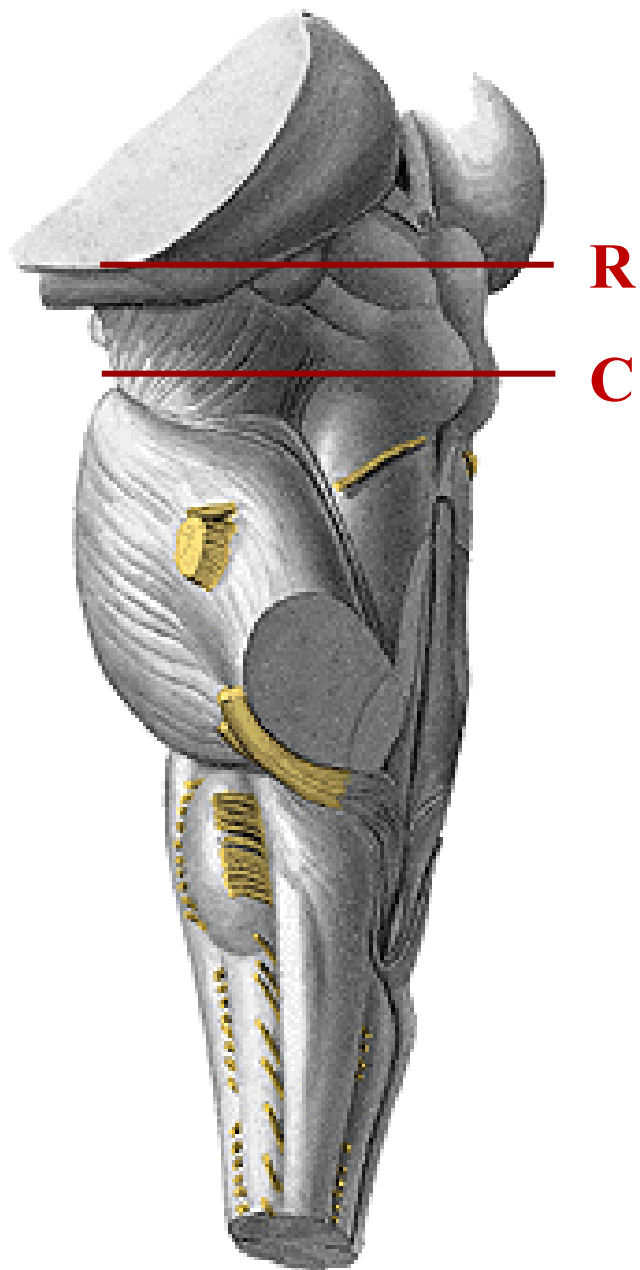
# Mesencephalon

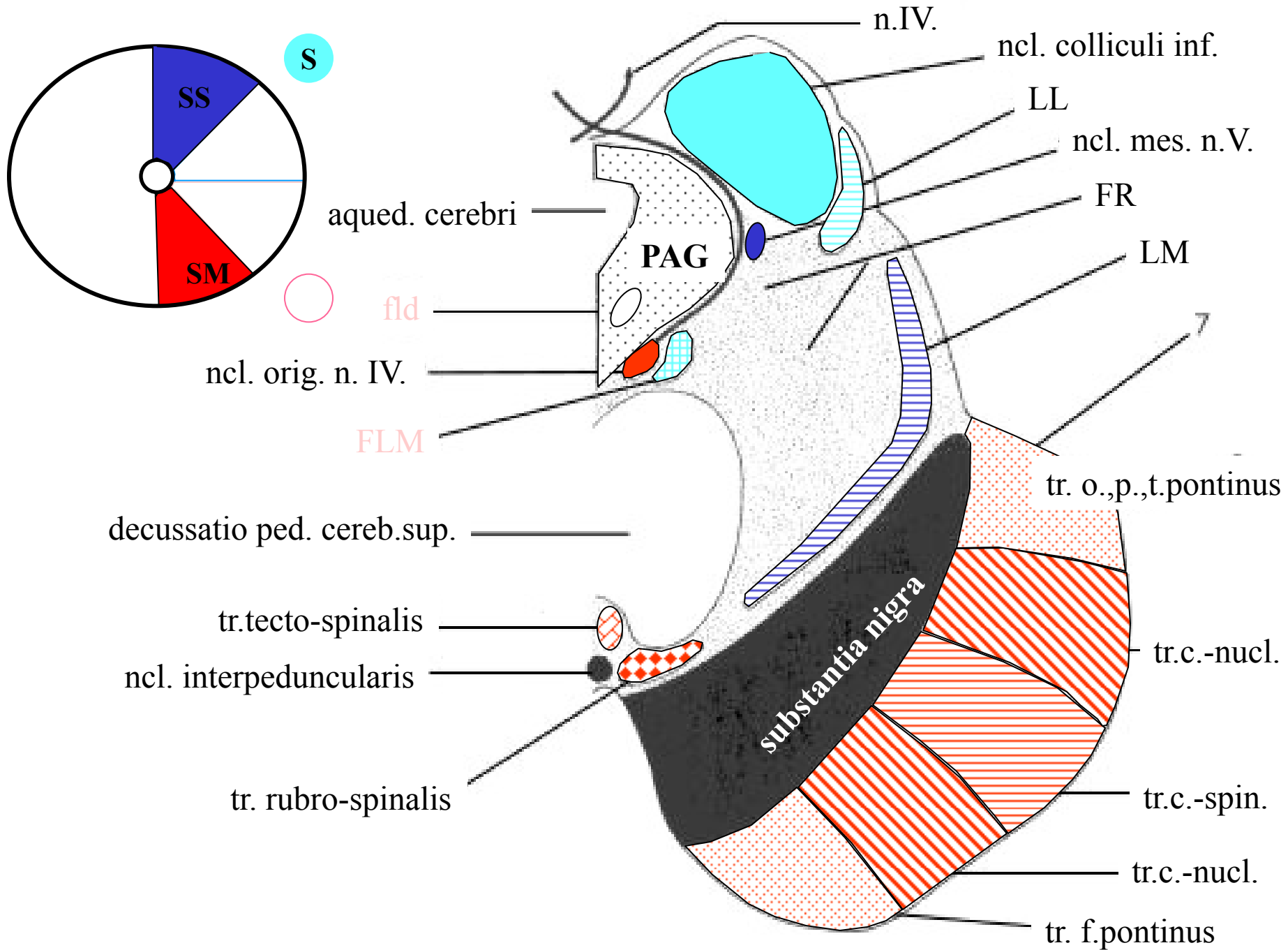


(a) Midsagittal section

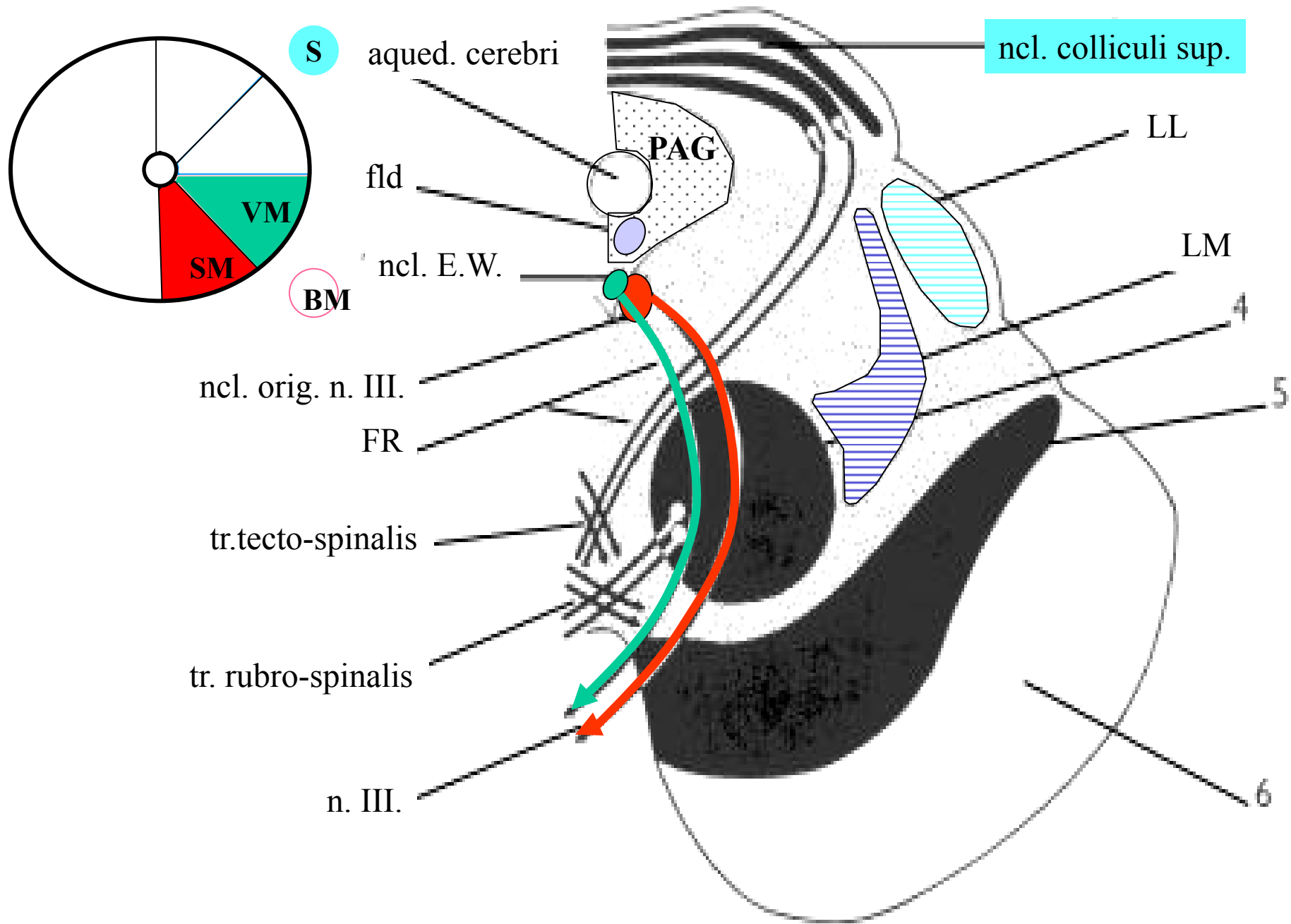


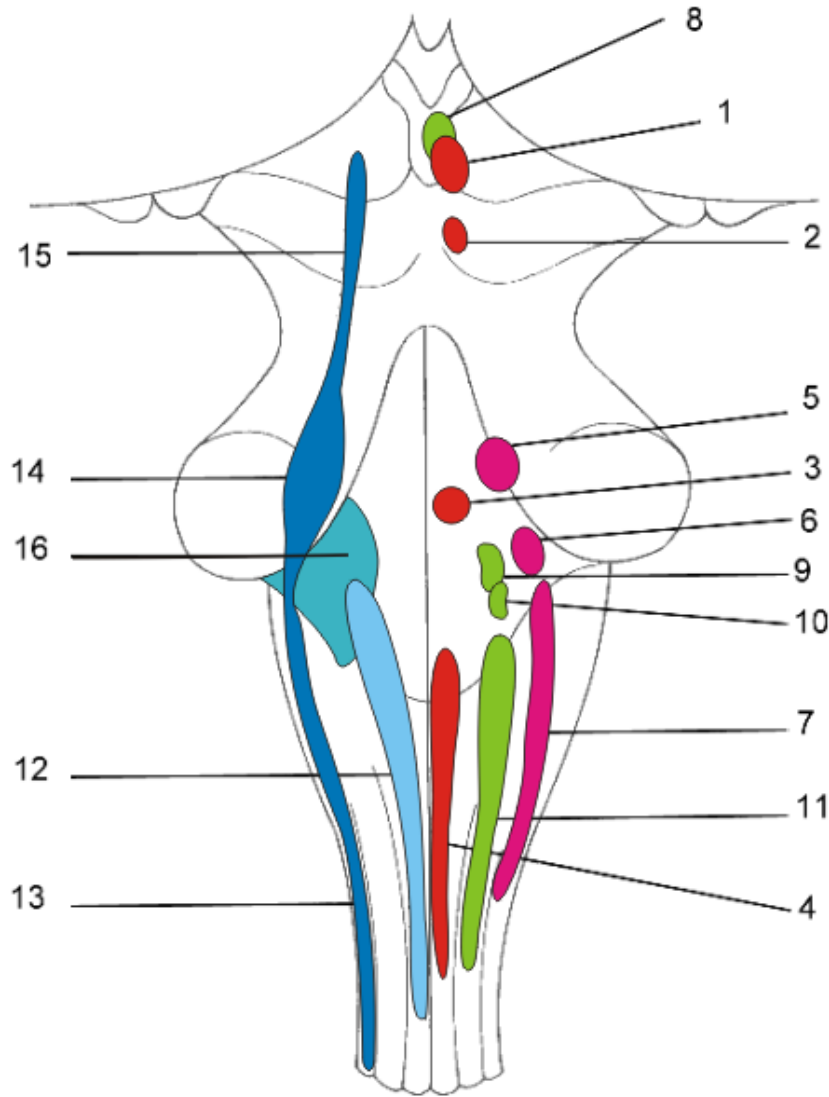
# Mesencephalon – representative sections











- 1 - ncl. motorius (originis) n. III.
- 2 - ncl. motorius (originis) n. IV.
- 3 - ncl. motorius (originis) n. VI.
- 4 - ncl. motorius (originis) n. XII.
- 5 - ncl. motorius (masticatorius) n. V.
- 6 - ncl. motorius (originis) n. VII.
- 7 - ncl. motorius (originis) n. IX., X., et XI.  
(ncl. ambiguus)
- 8 - ncl. parasympathicus n. III (ncl. E.W.)
- 9 - ncl. parasympathicus n. VII.
- 10 - ncl. parasympathicus n. IX.
- 11 - ncl. parasympathicus n. X.
- 12 - ncl. solitarius
- 13 - ncl. spinalis n. V.
- 14 - ncl. principalis n. V.
- 15 - ncl. mesencephalicus n. V.
- 16 - ncll. cochleares et vestibulares