

Prelab Lecture: Lab 9

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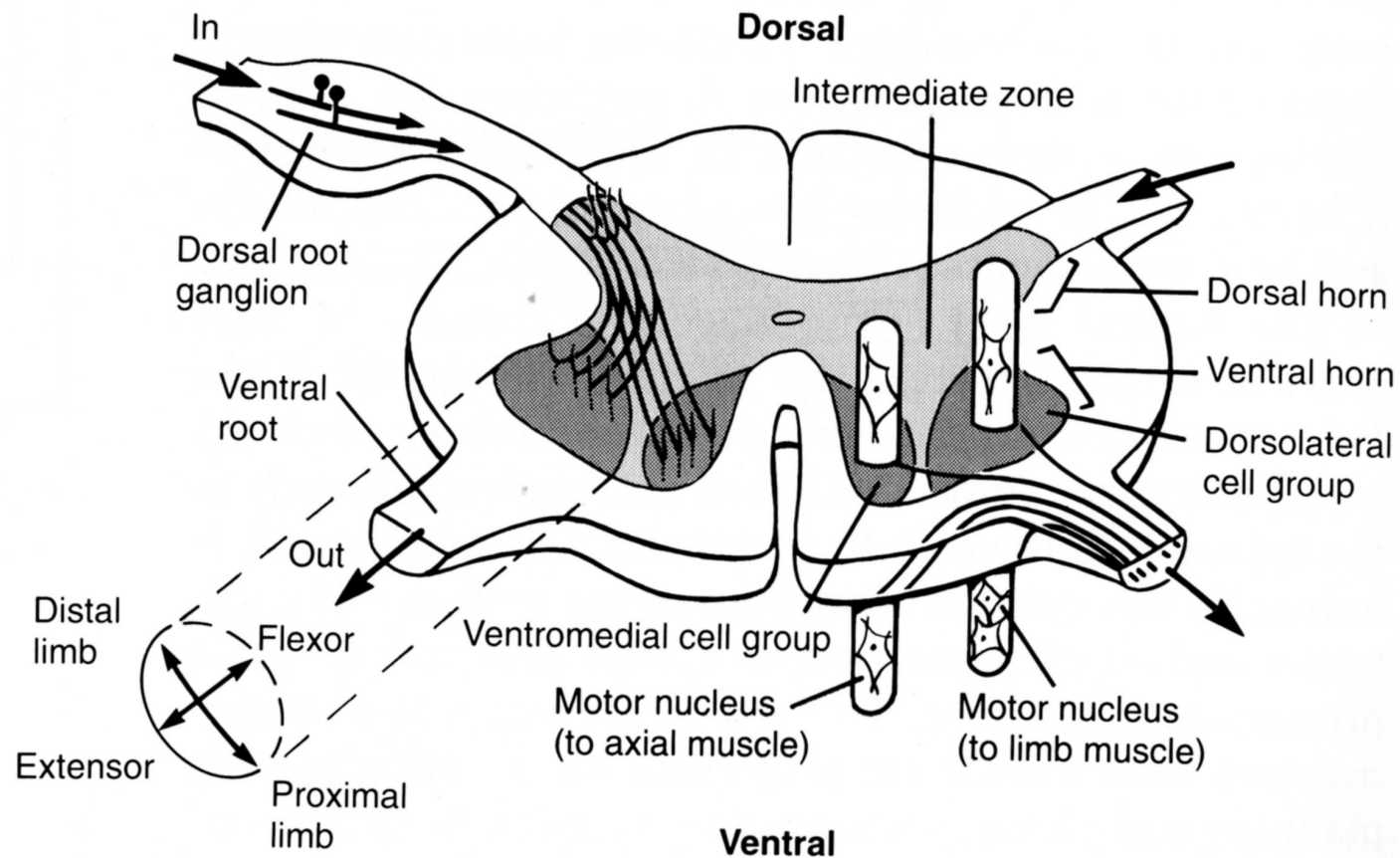
From Motor Cortex

- Demonstration of MRIcon

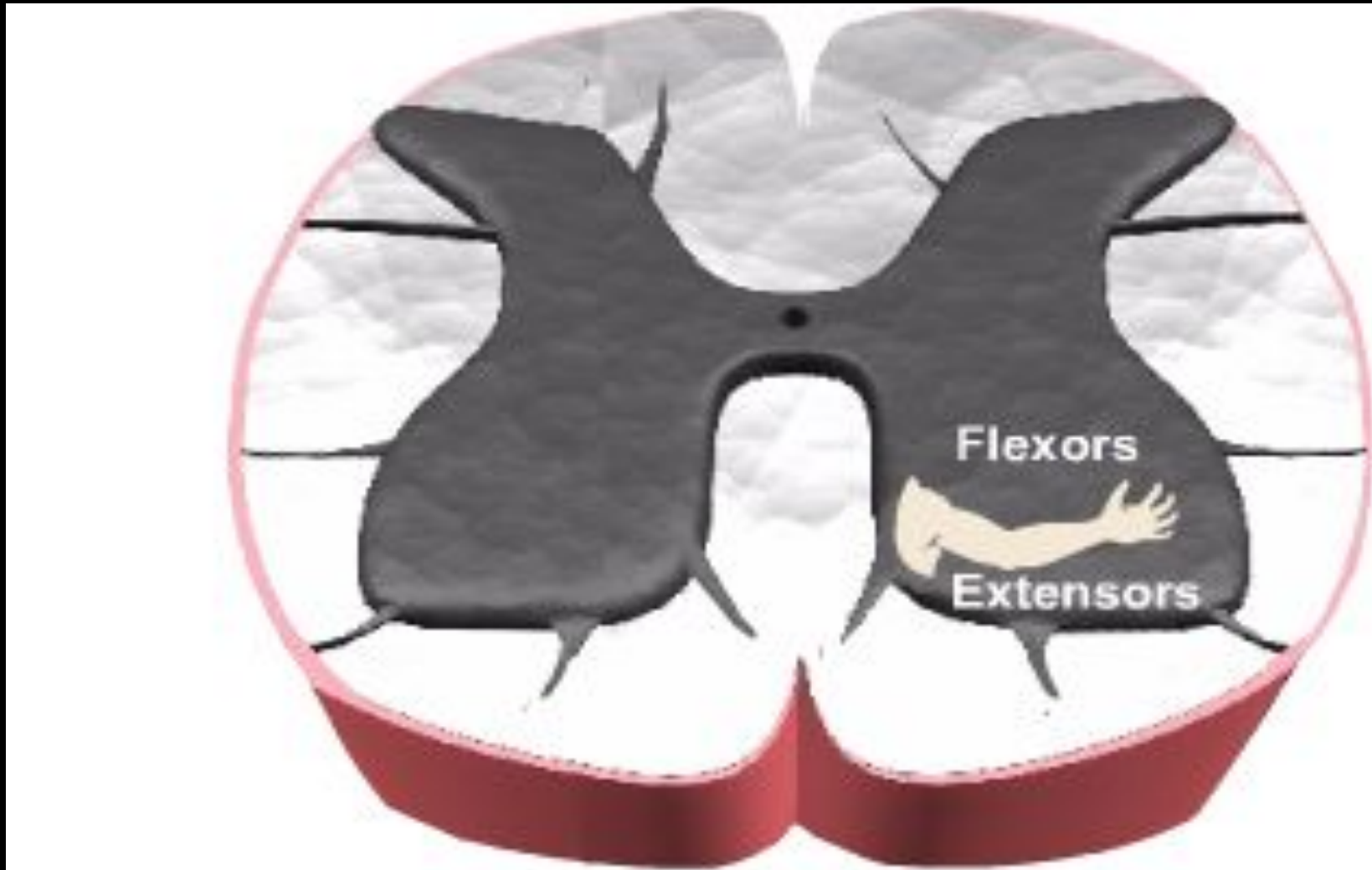
Organization of spinal tracts

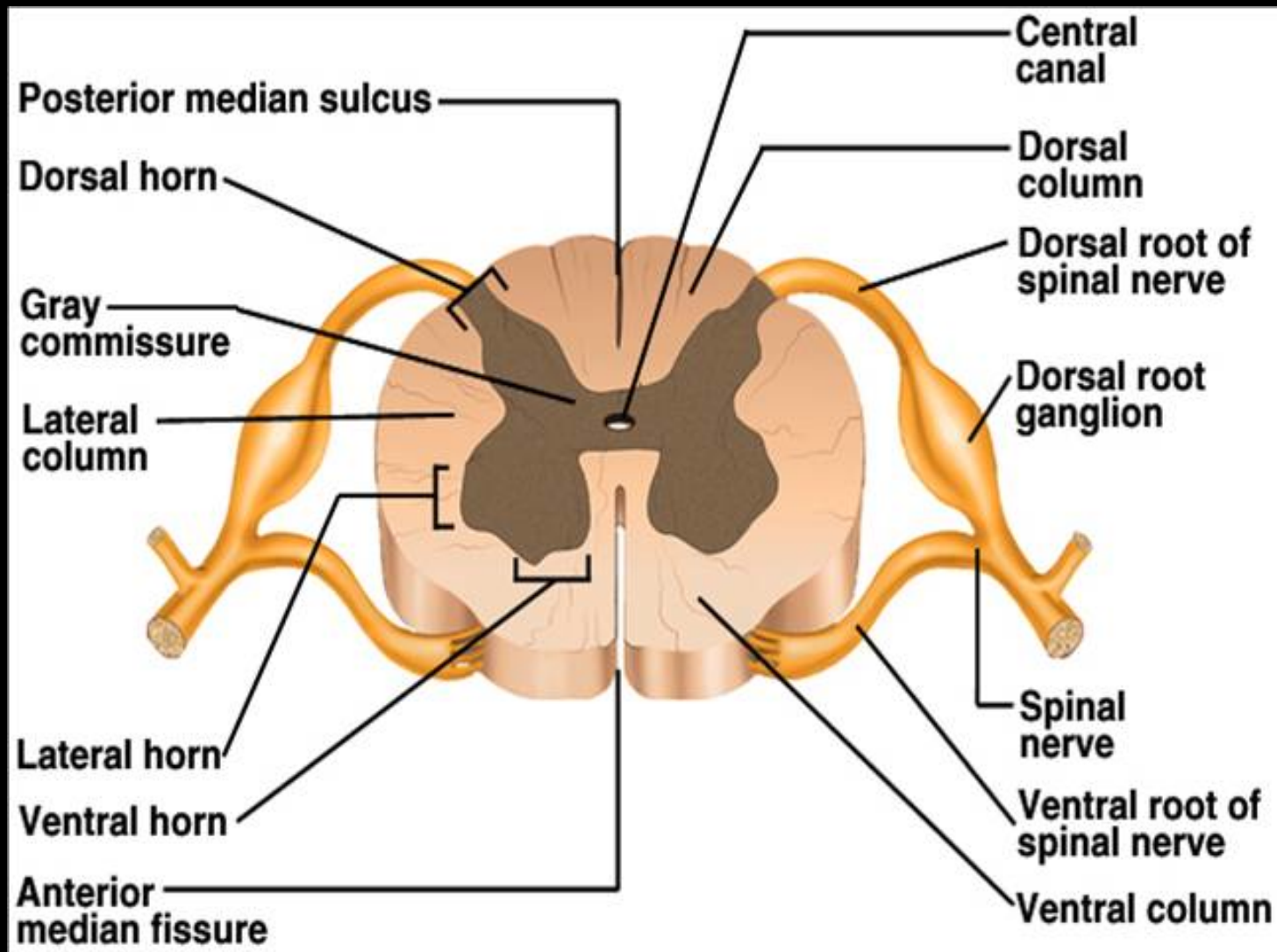
Course of afferent fibers

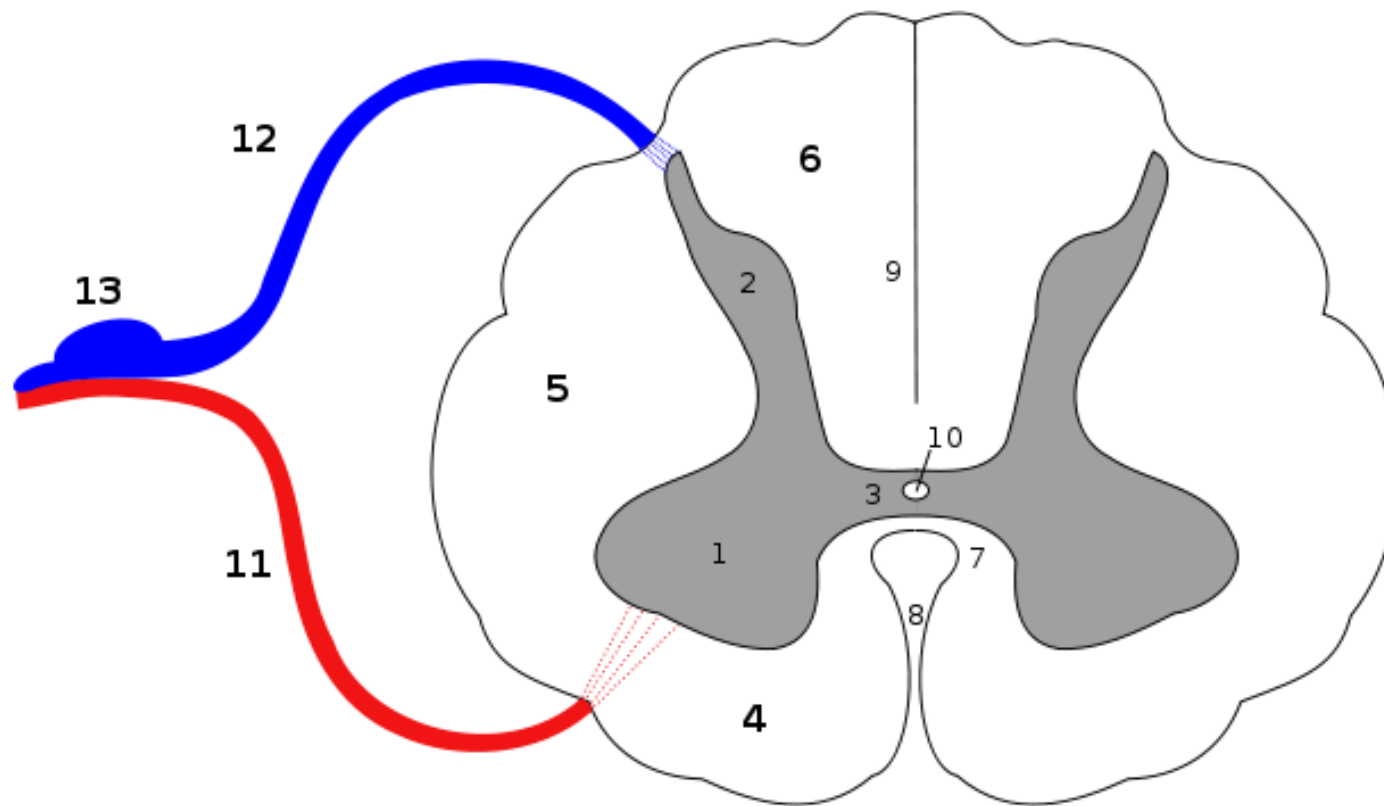
Location of motor nuclei



Flexor-Extensor Rule and Proximal-Distal Rule







Gray matter

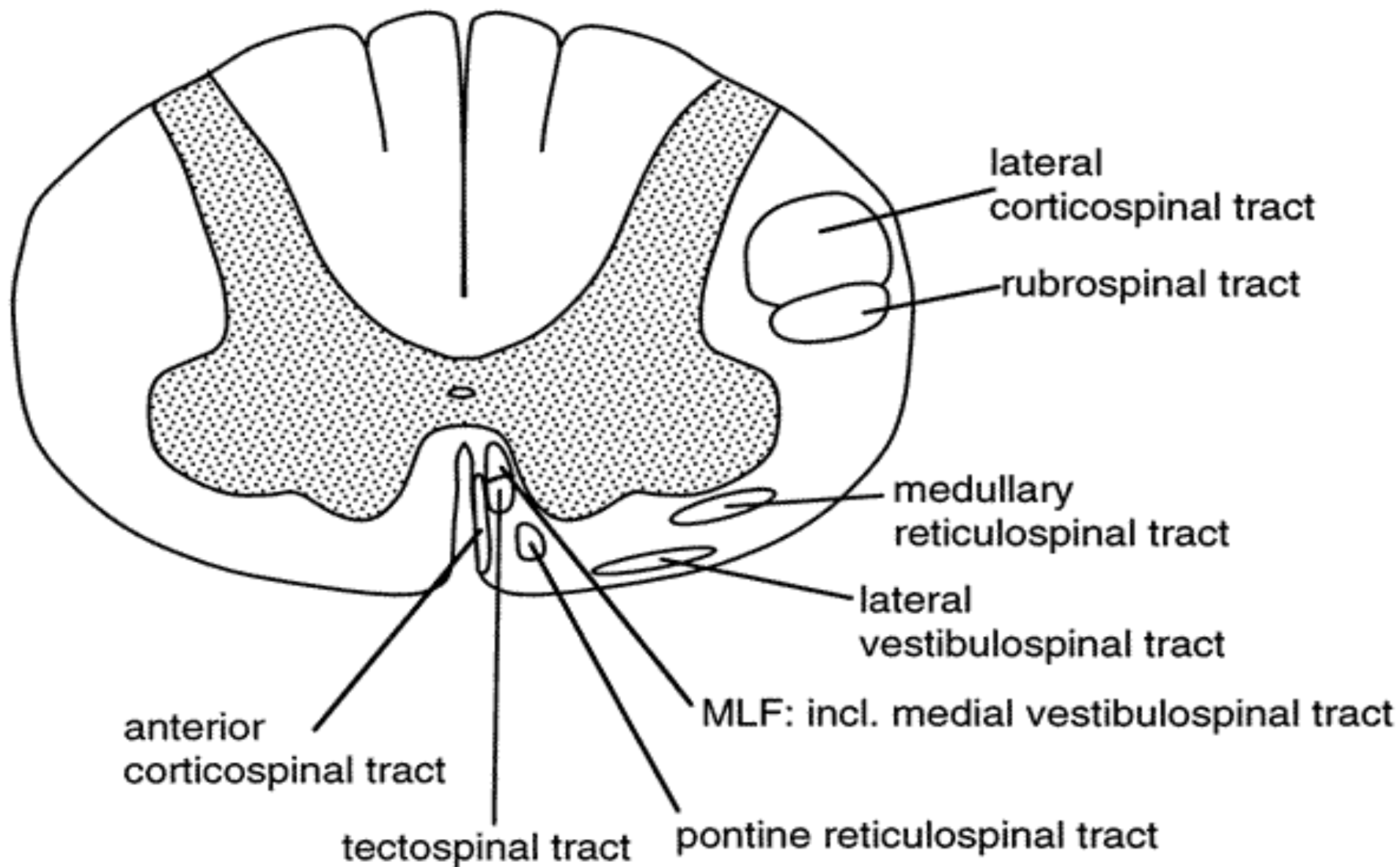
- 1. Anterior horn
- 2. Posterior horn
- 3. Gray commissure

White matter

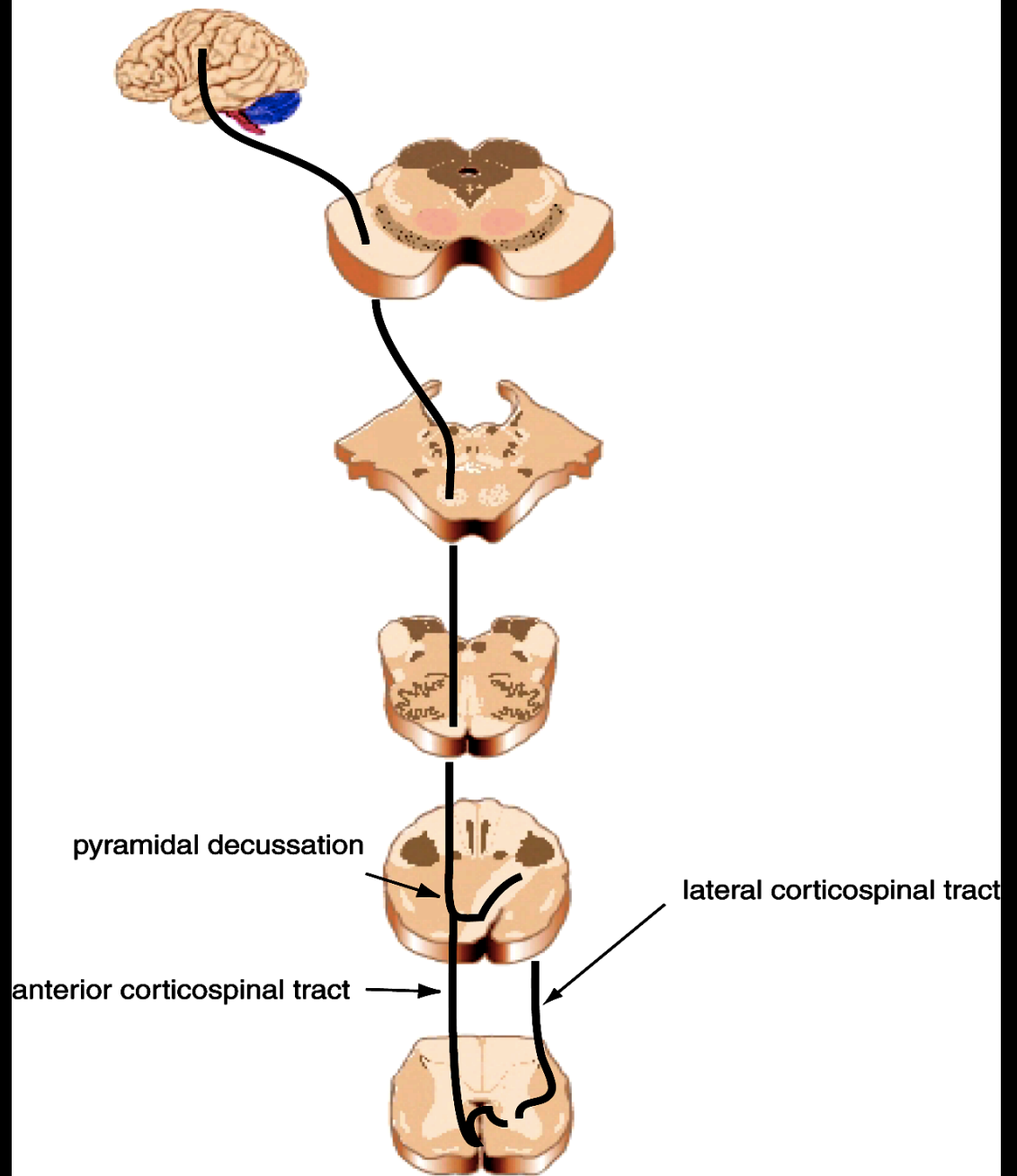
- 4. Anterior funiculus
- 5. Lateral funiculus
- 6. Posterior funiculus
- 7. Anterior commissure
- 8. Anterior median fissure
- 9. Posterior median sulcus

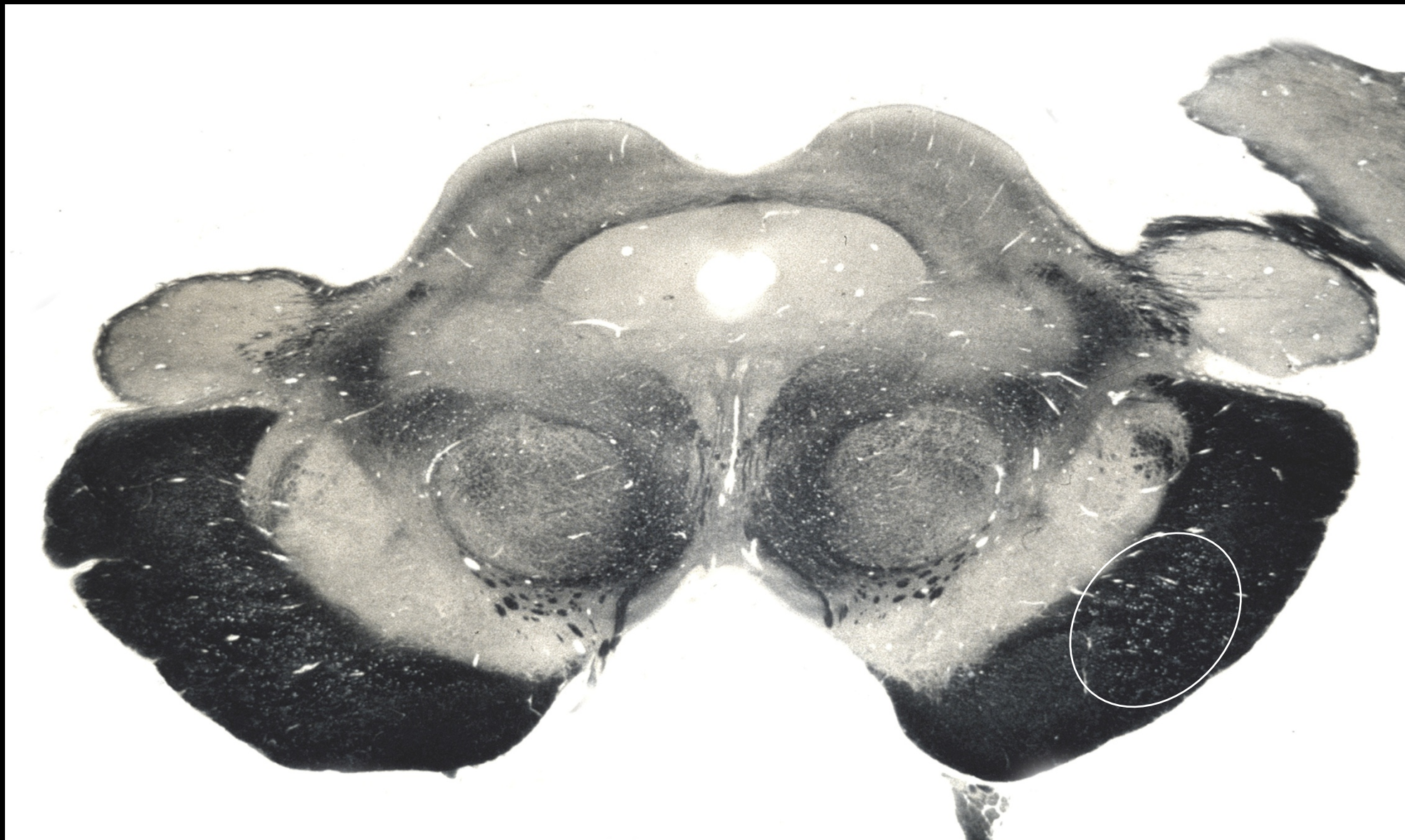
- 10. Central canal
- 11. Anterior root
- 12. Posterior root
- 13. Dorsal root ganglion

To Spinal Cord

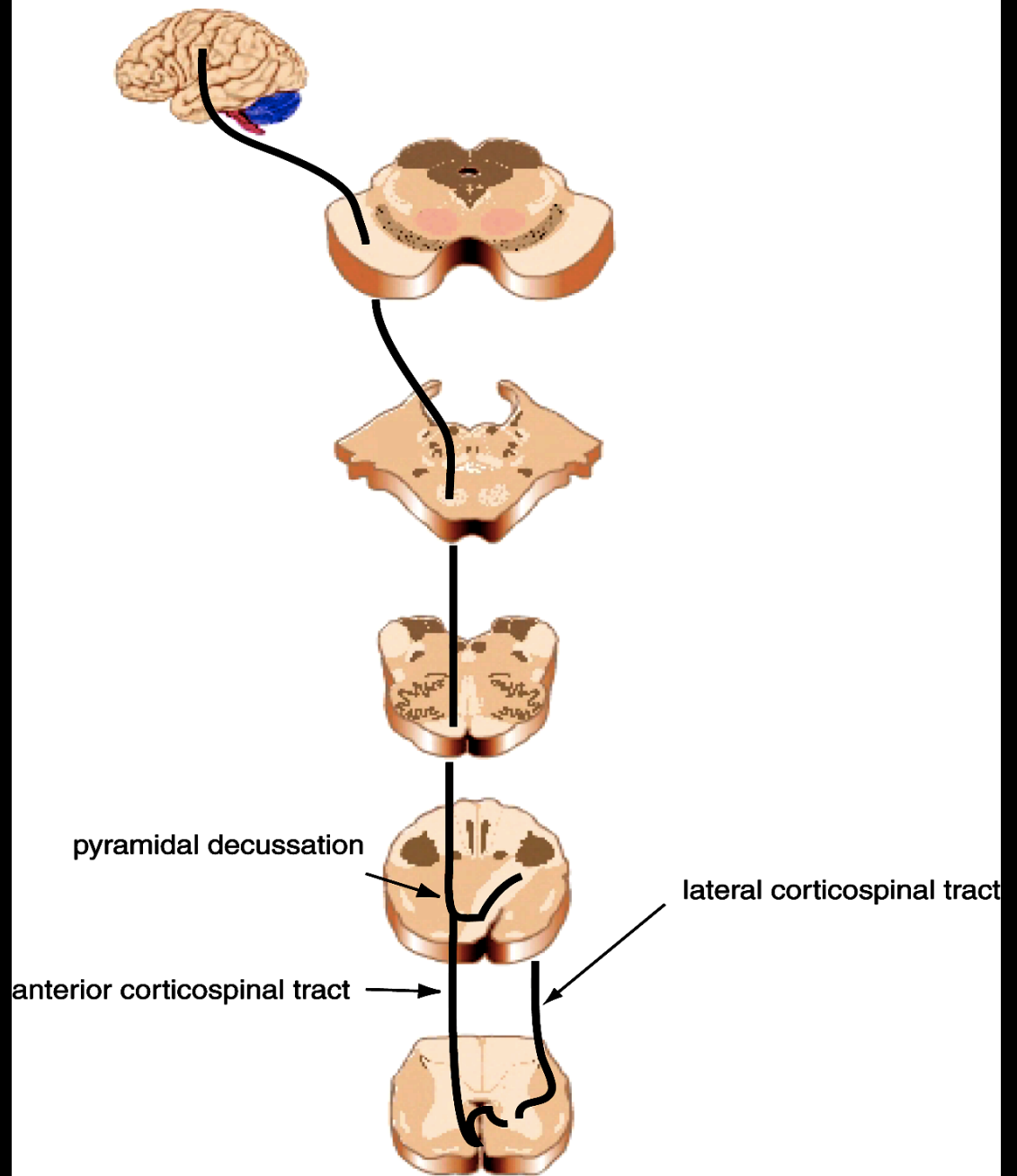


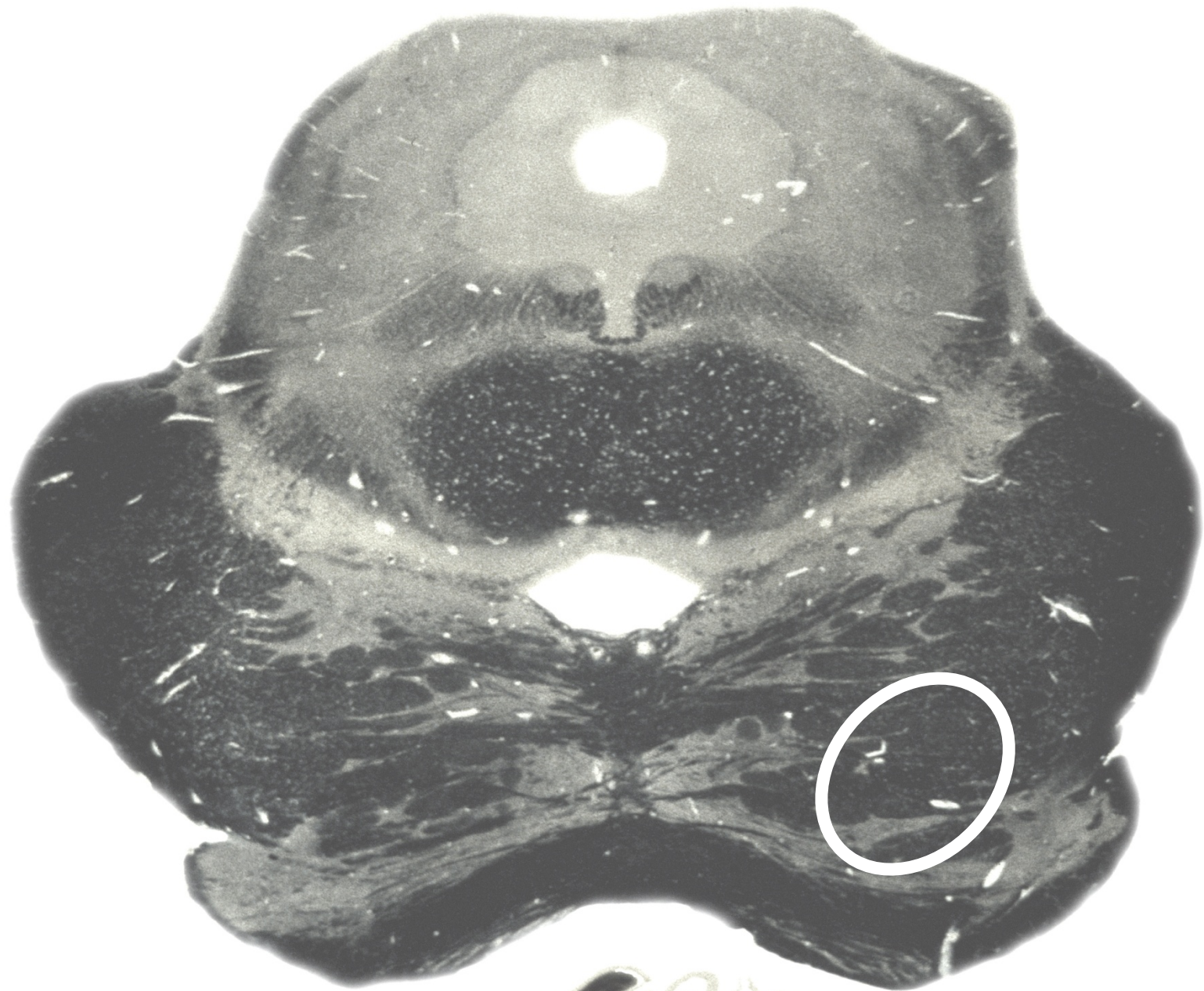
Corticospinal Tracts



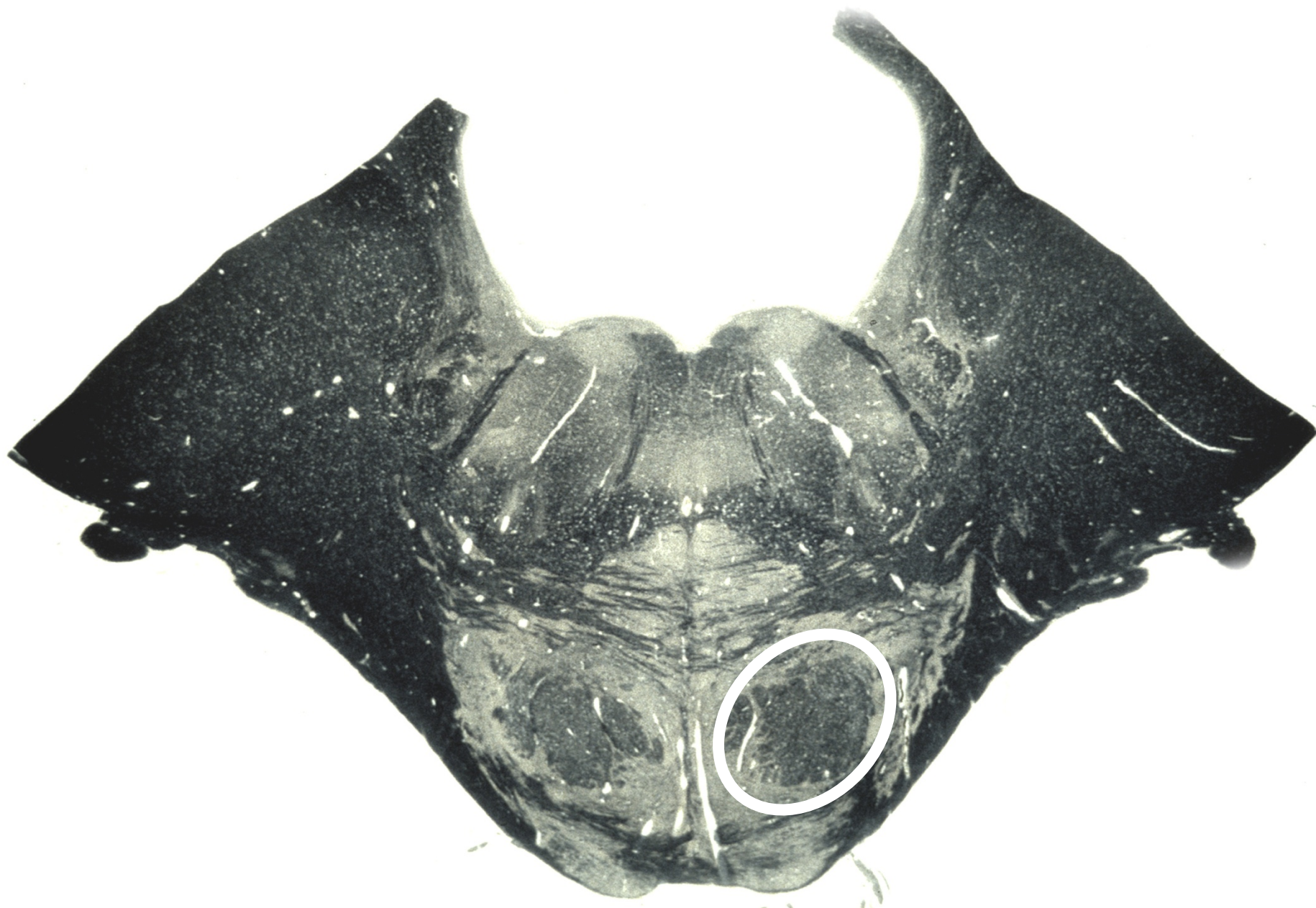


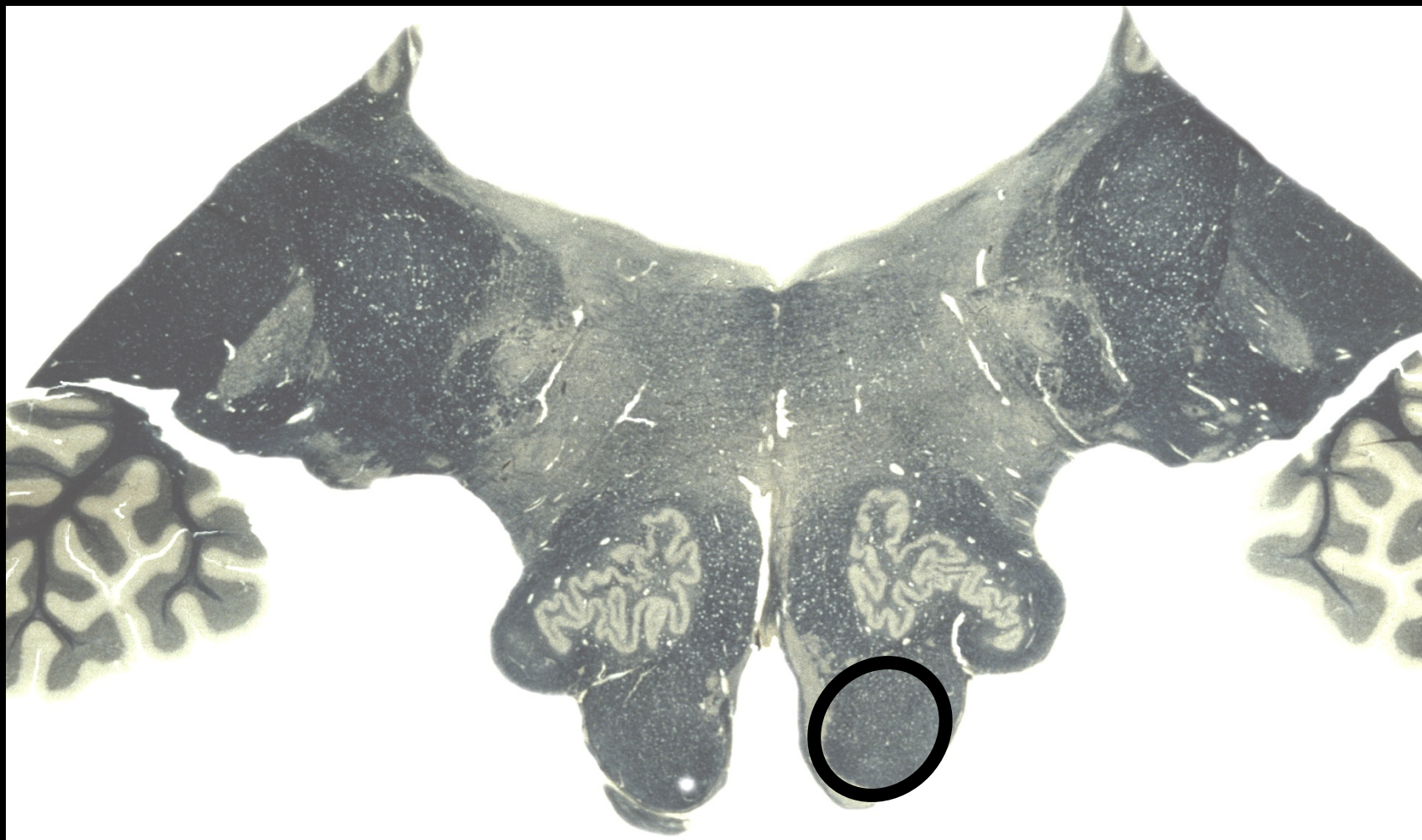
Corticospinal Tracts



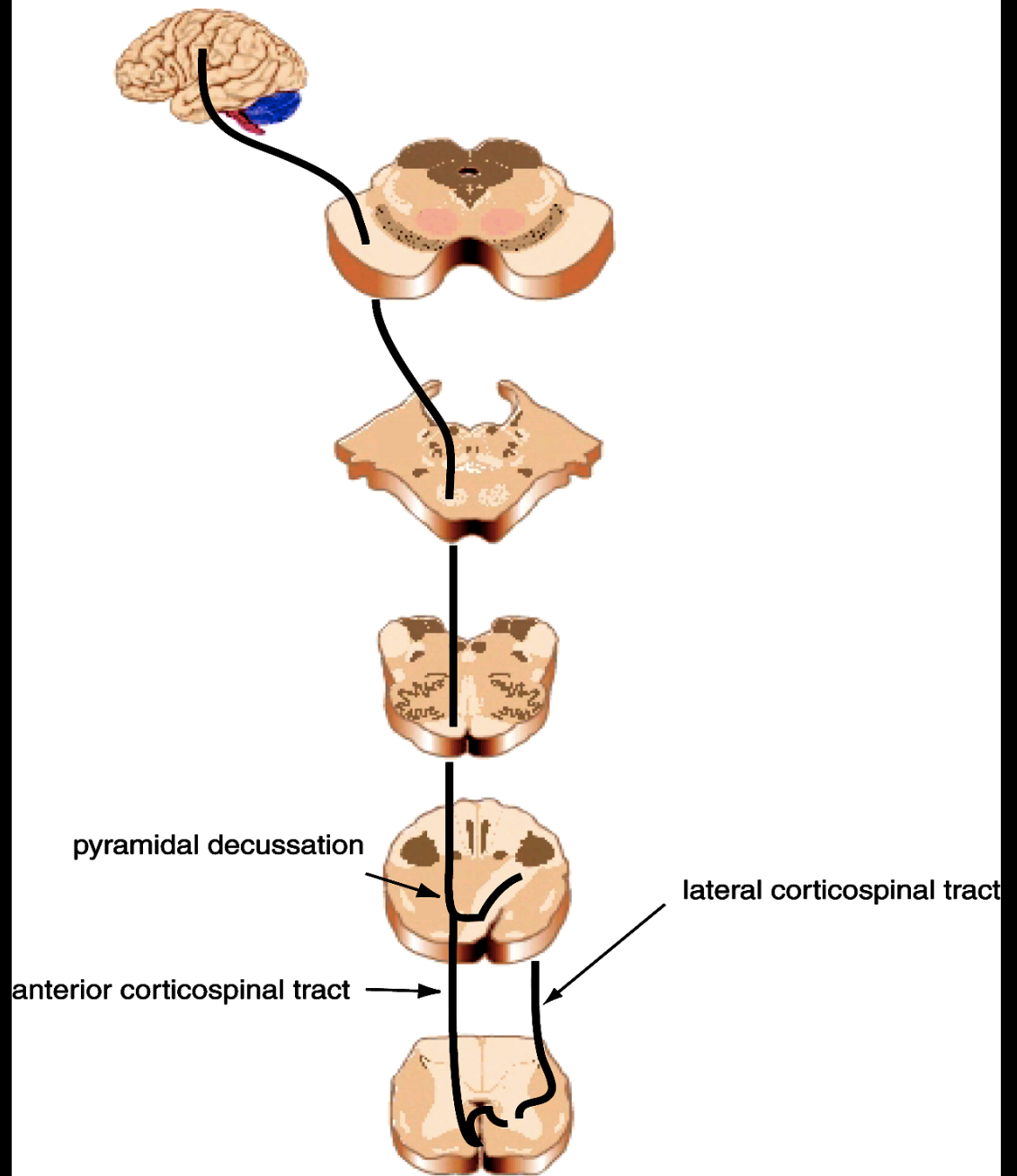


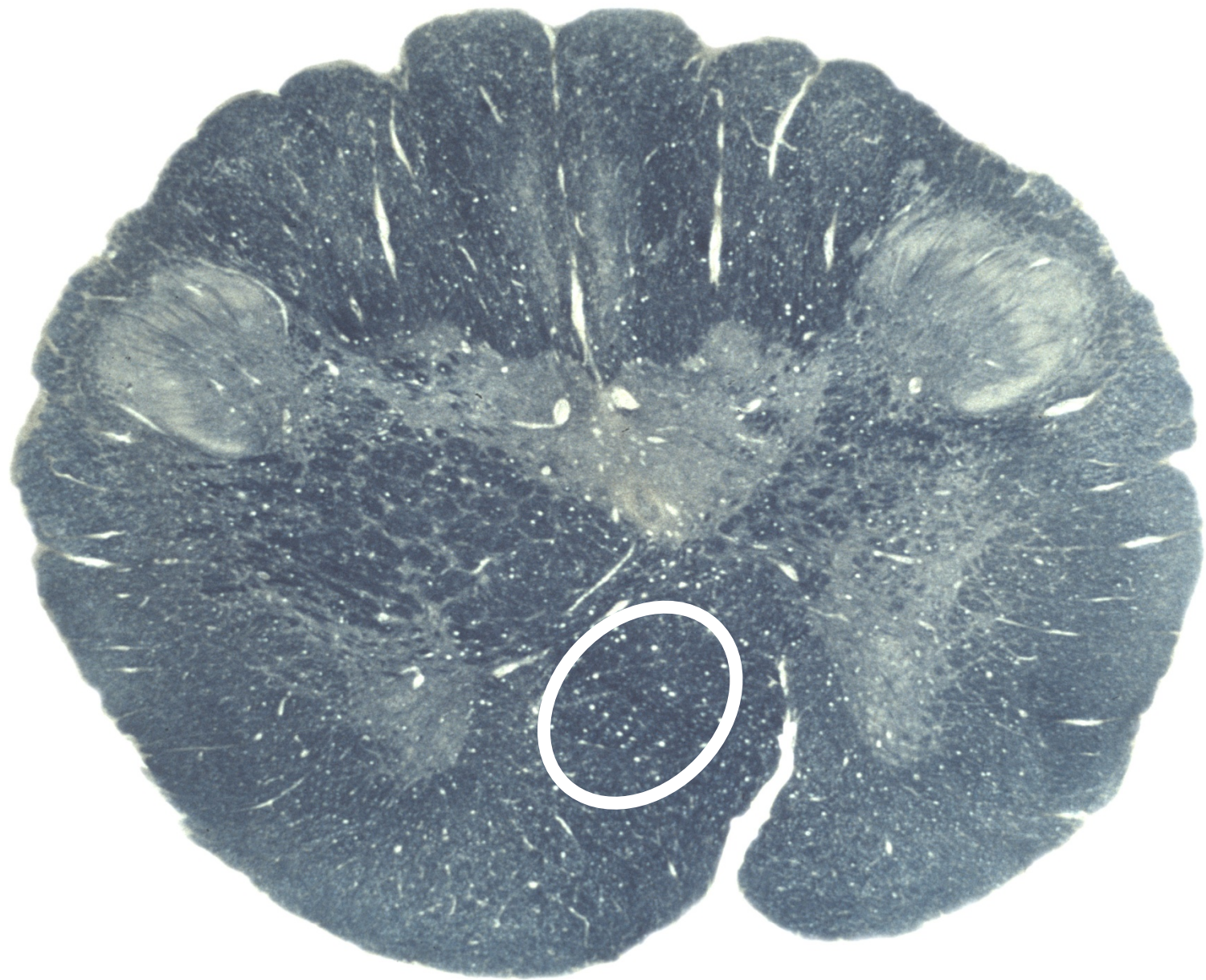
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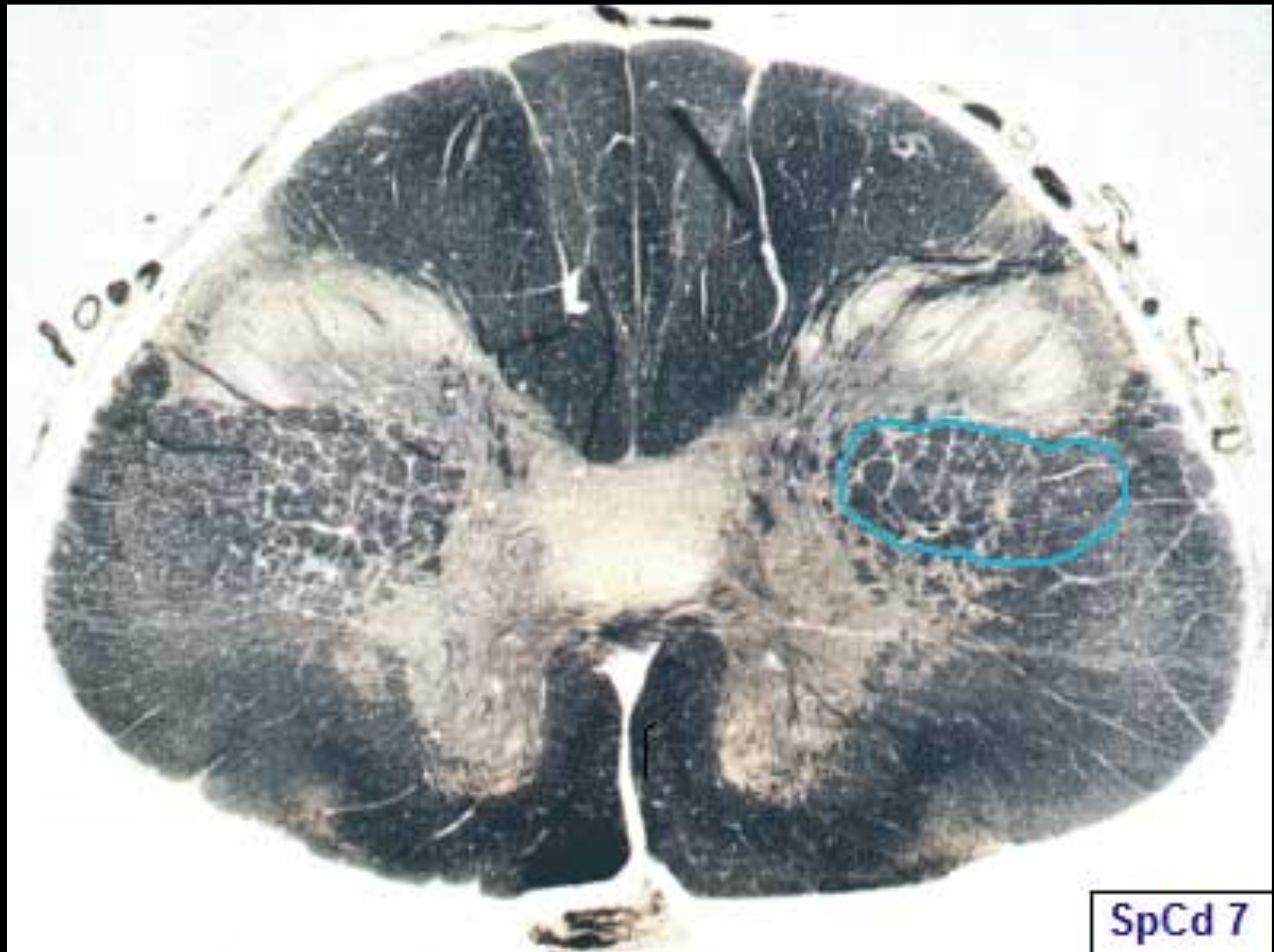


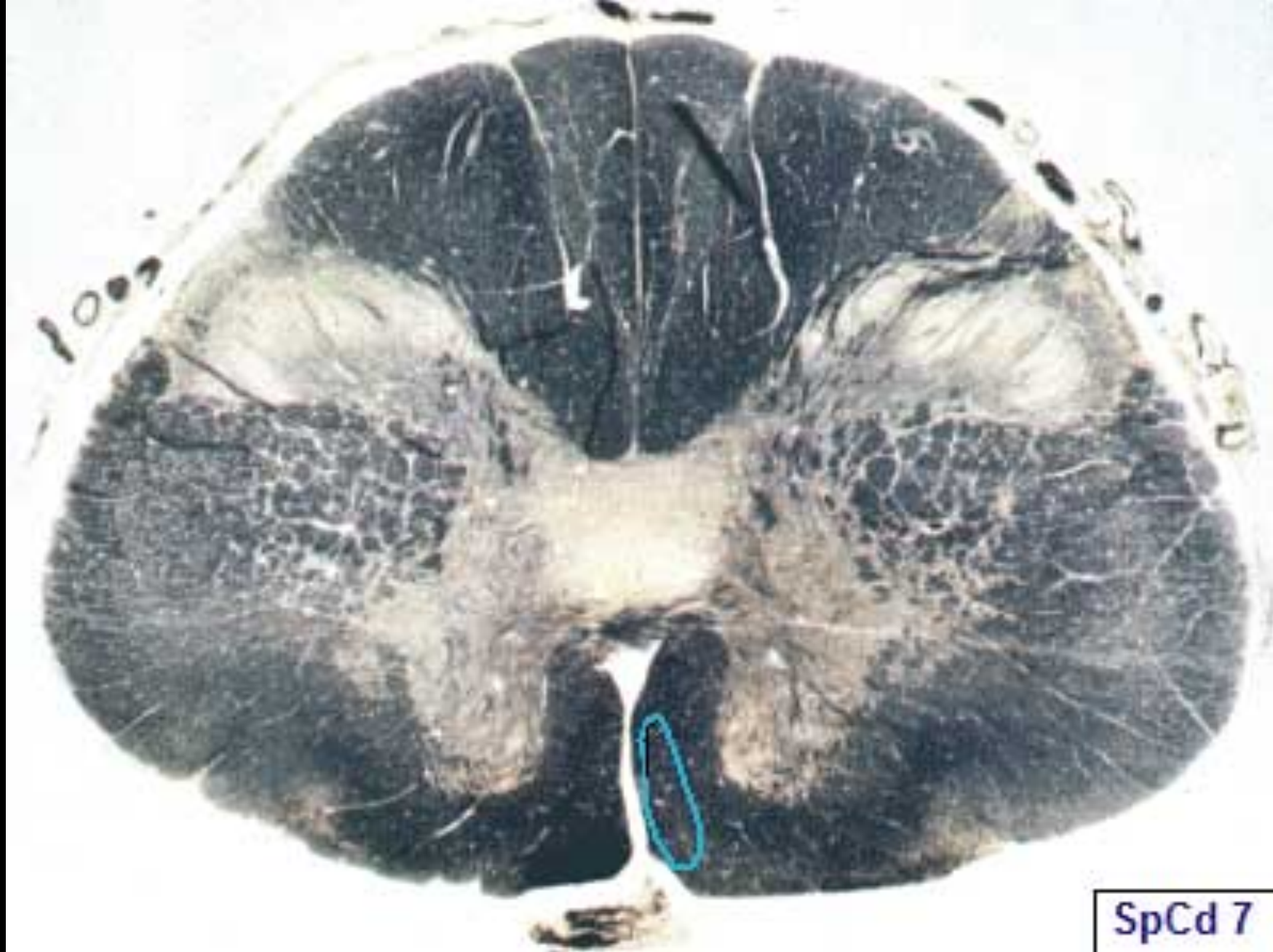


Corticospinal Tracts

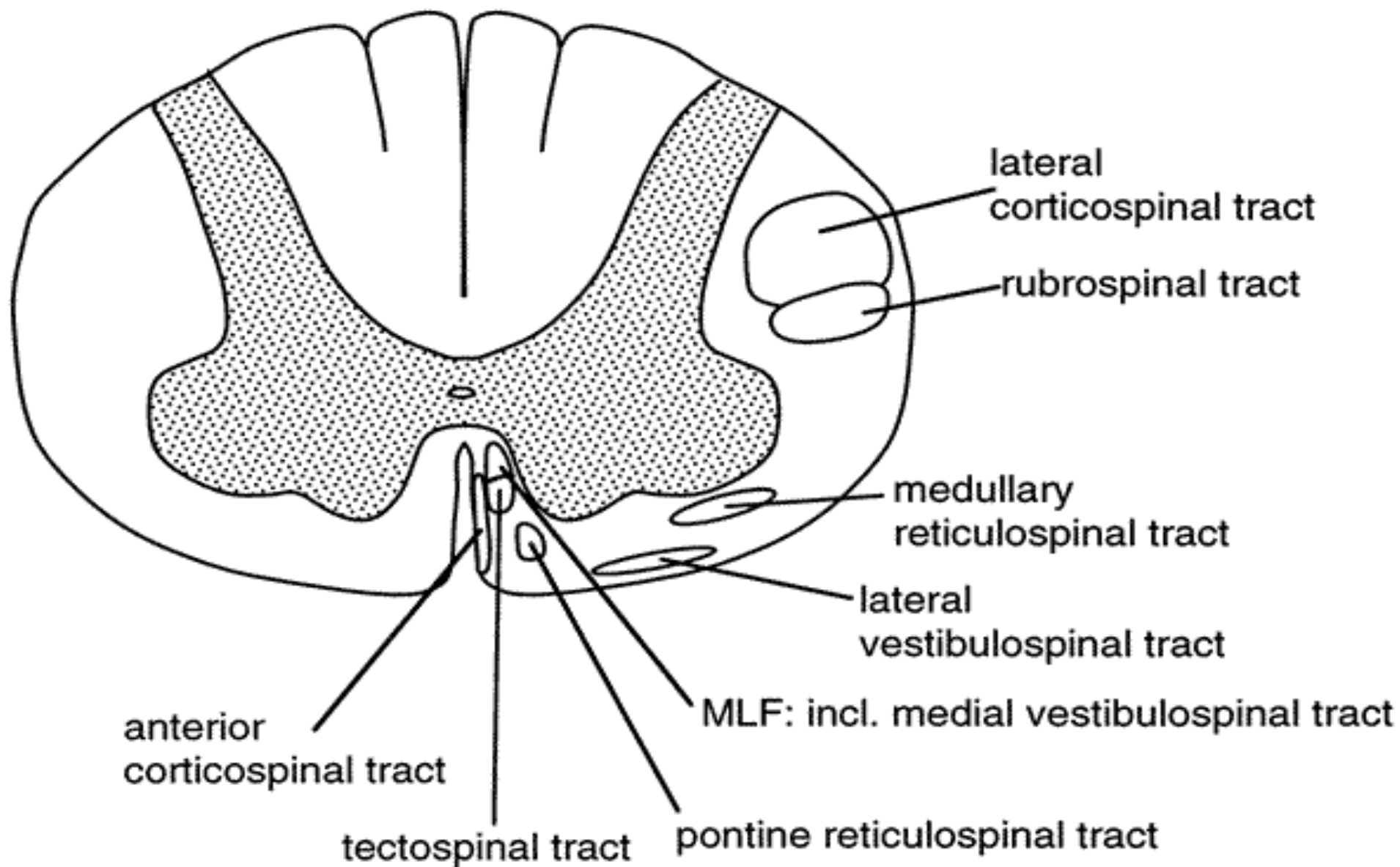




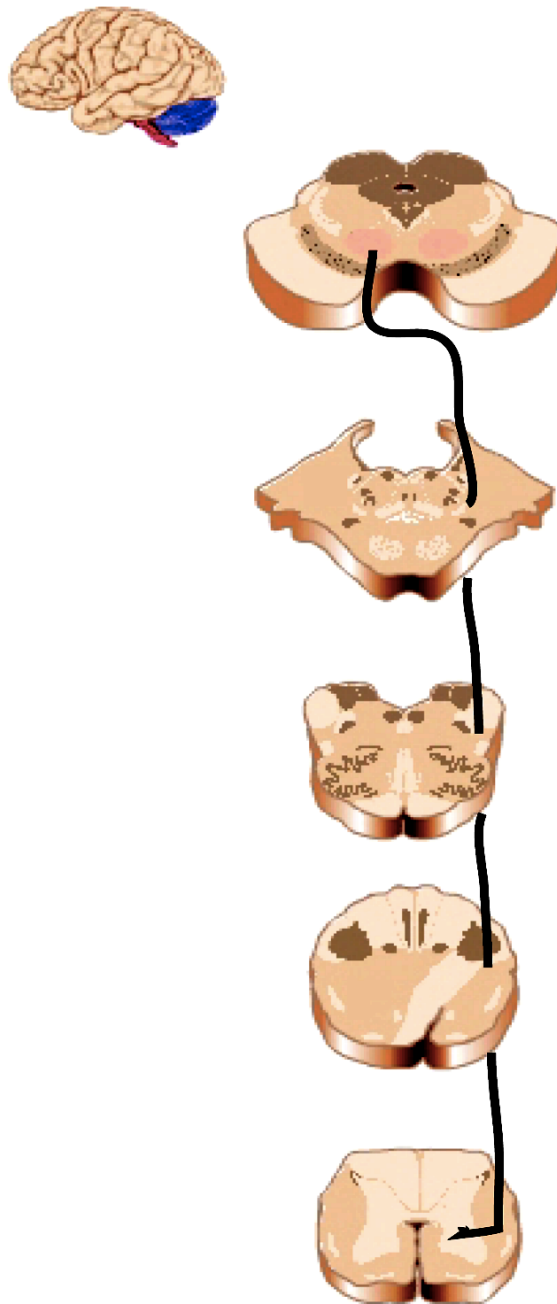


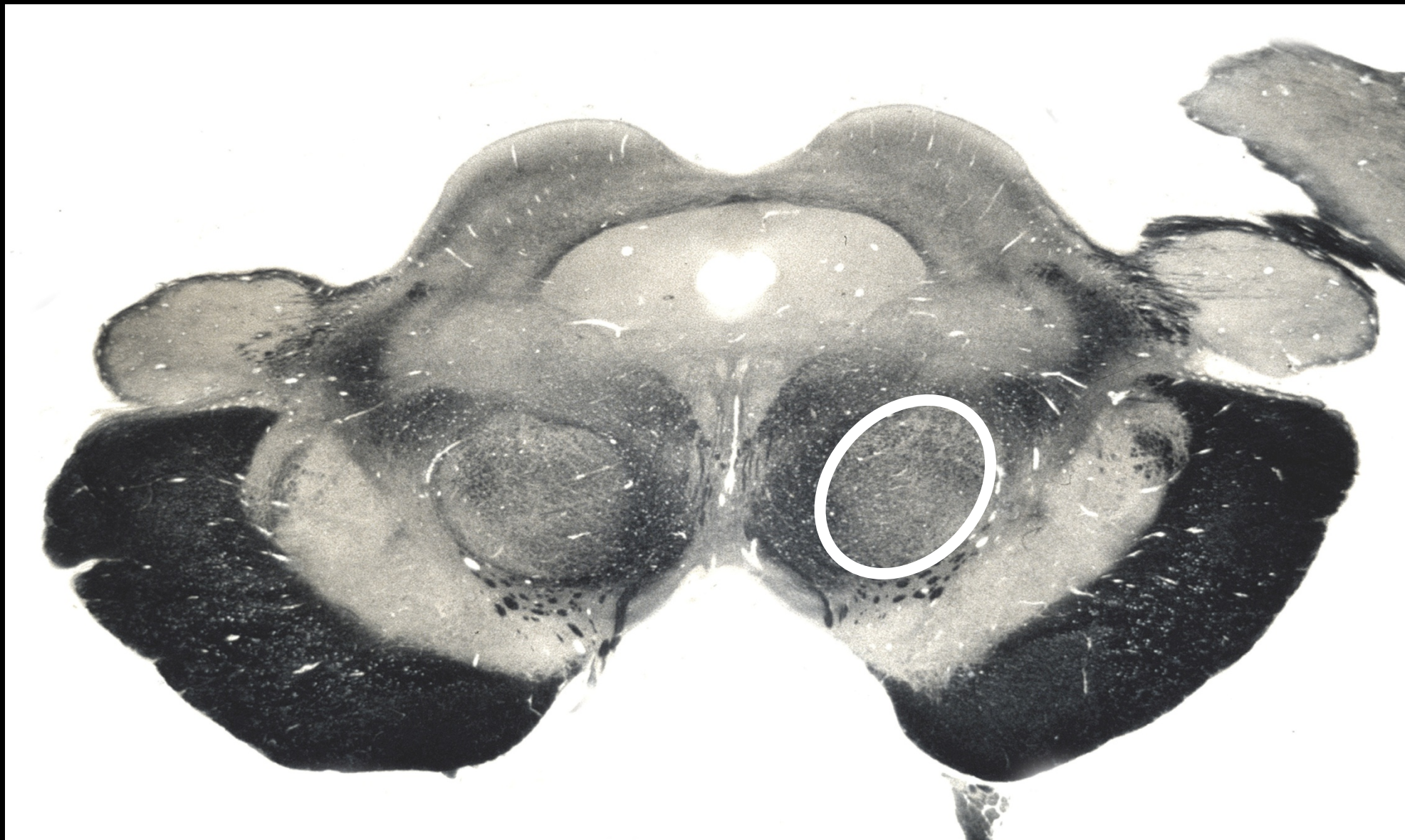


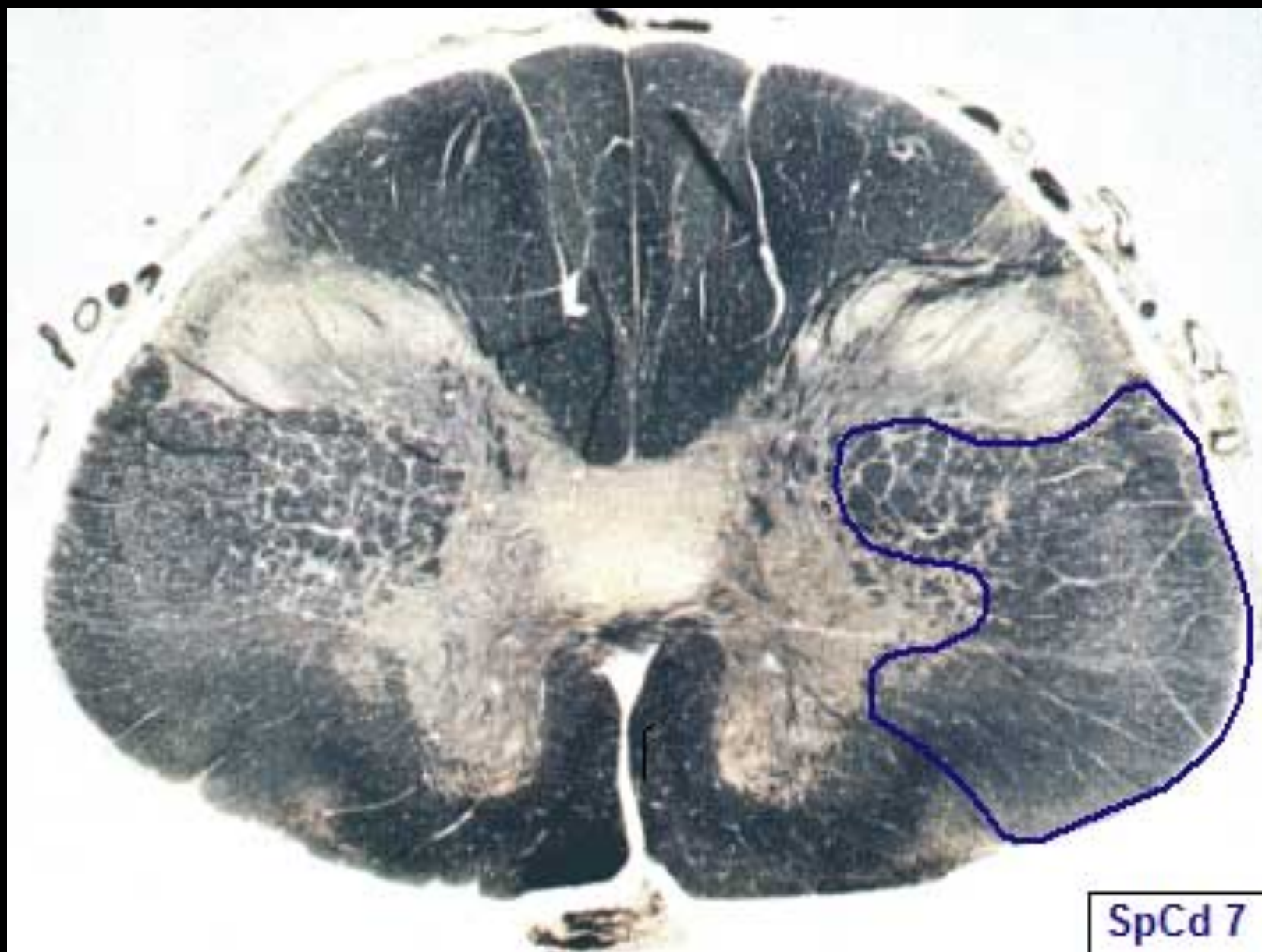
SpCd 7

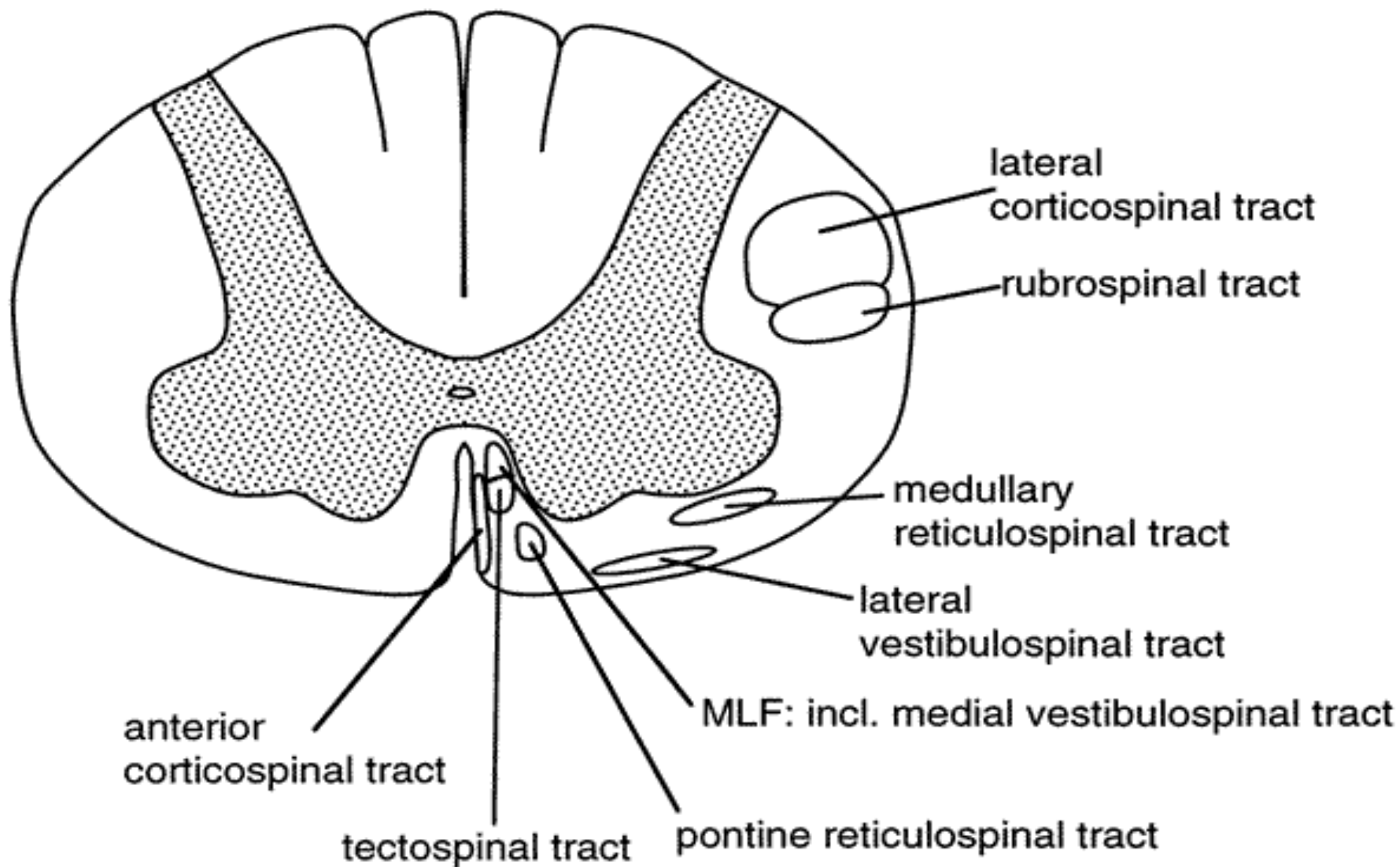


Rubrospinal Tract

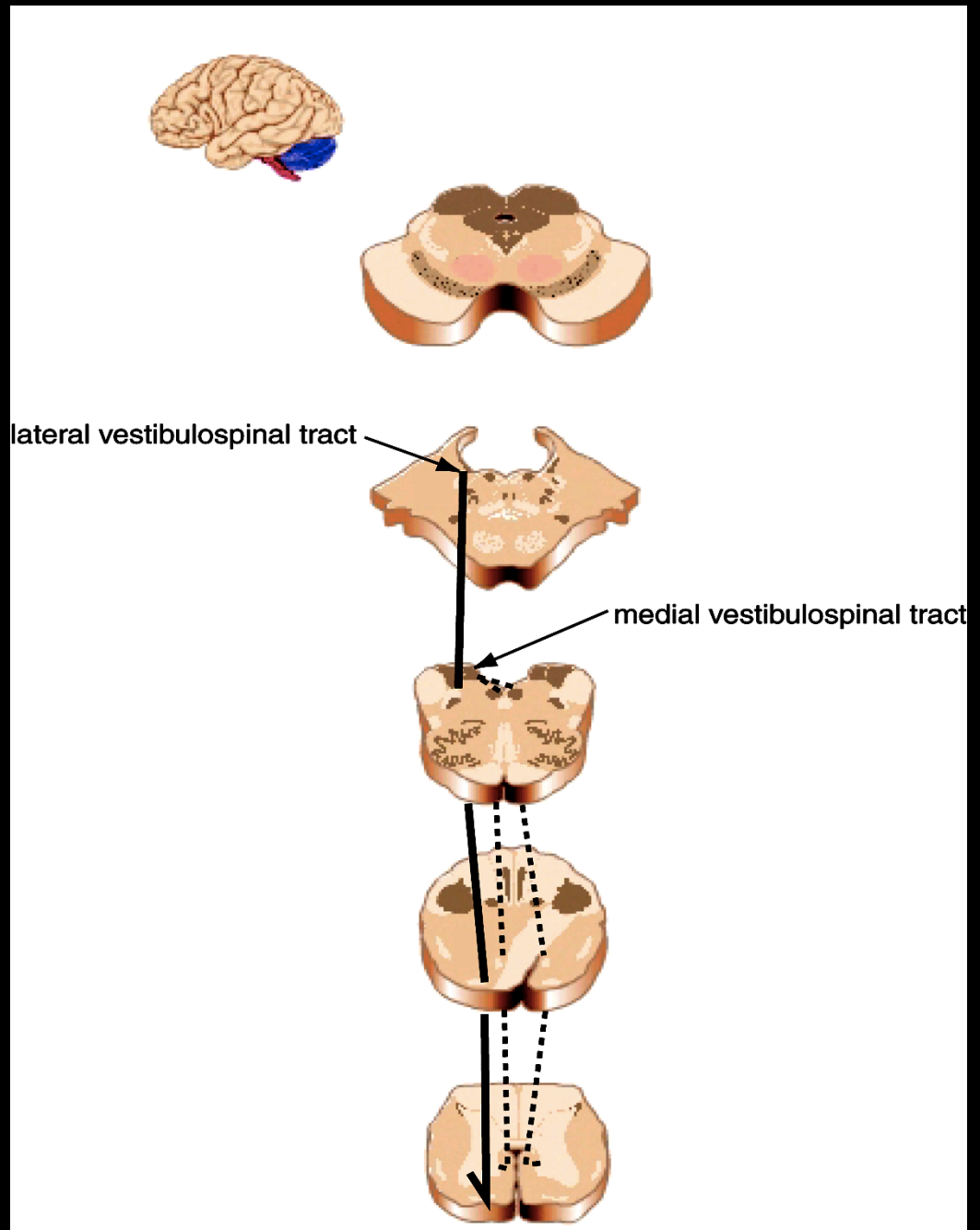


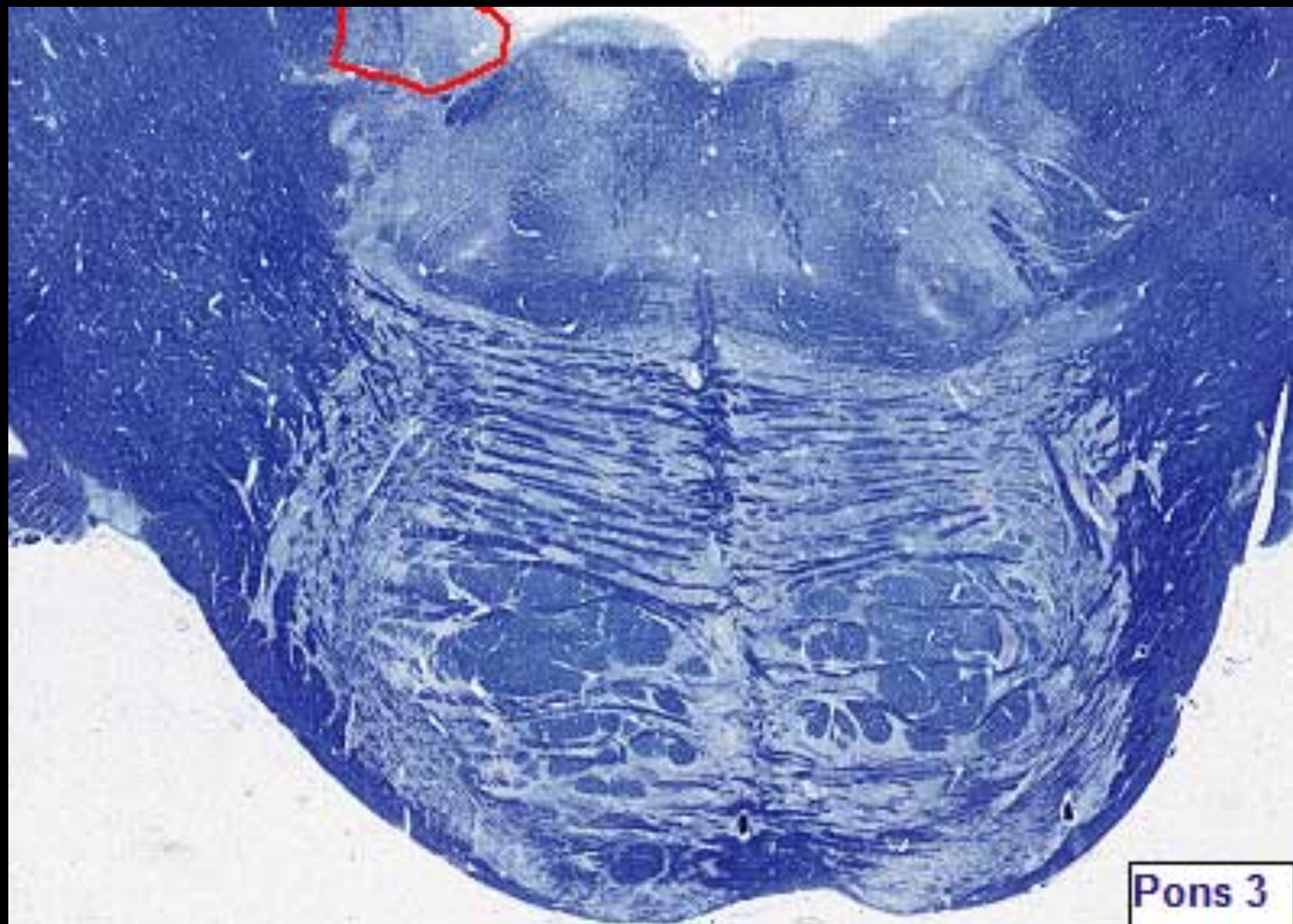






Vestibulospinal Tracts

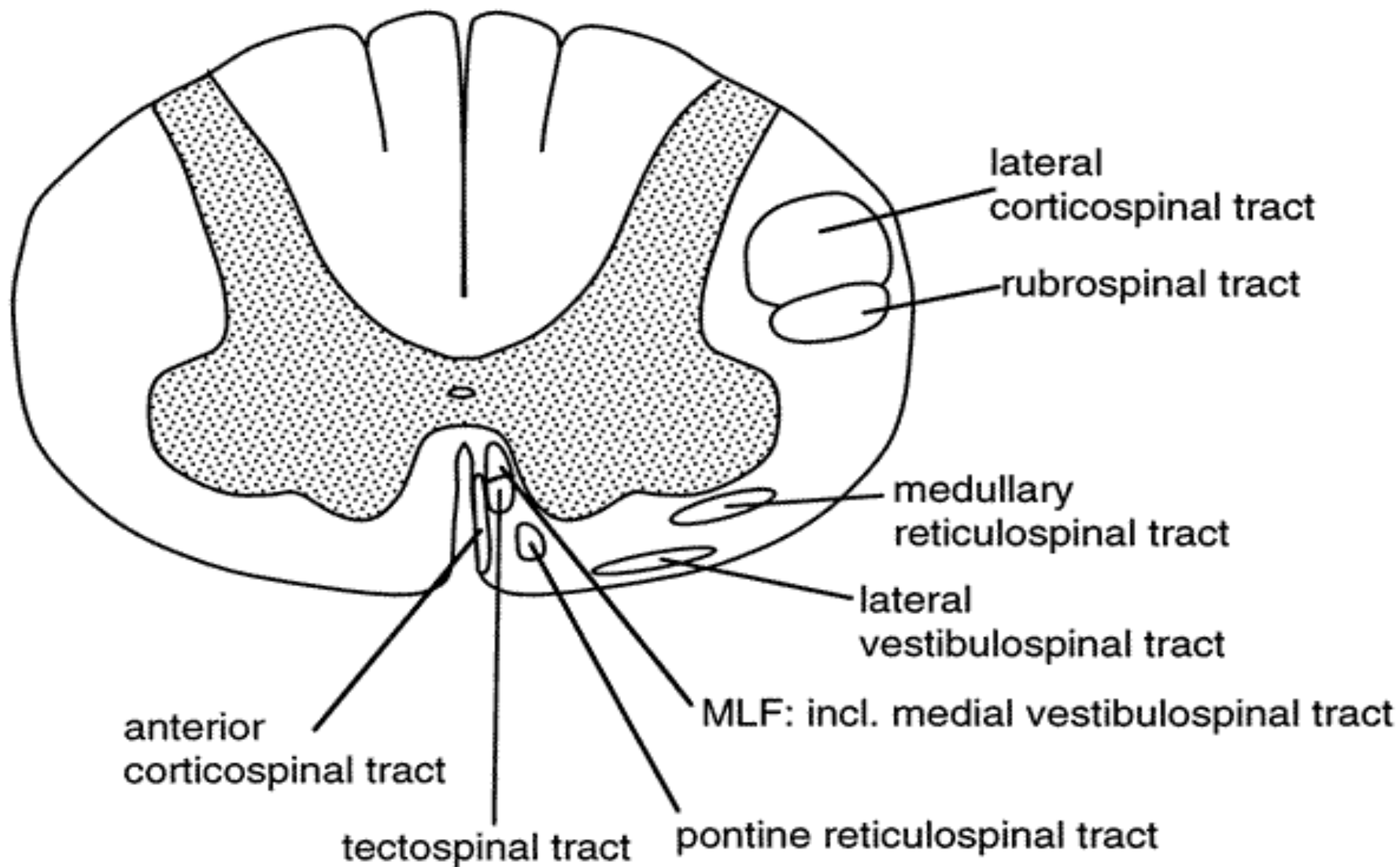




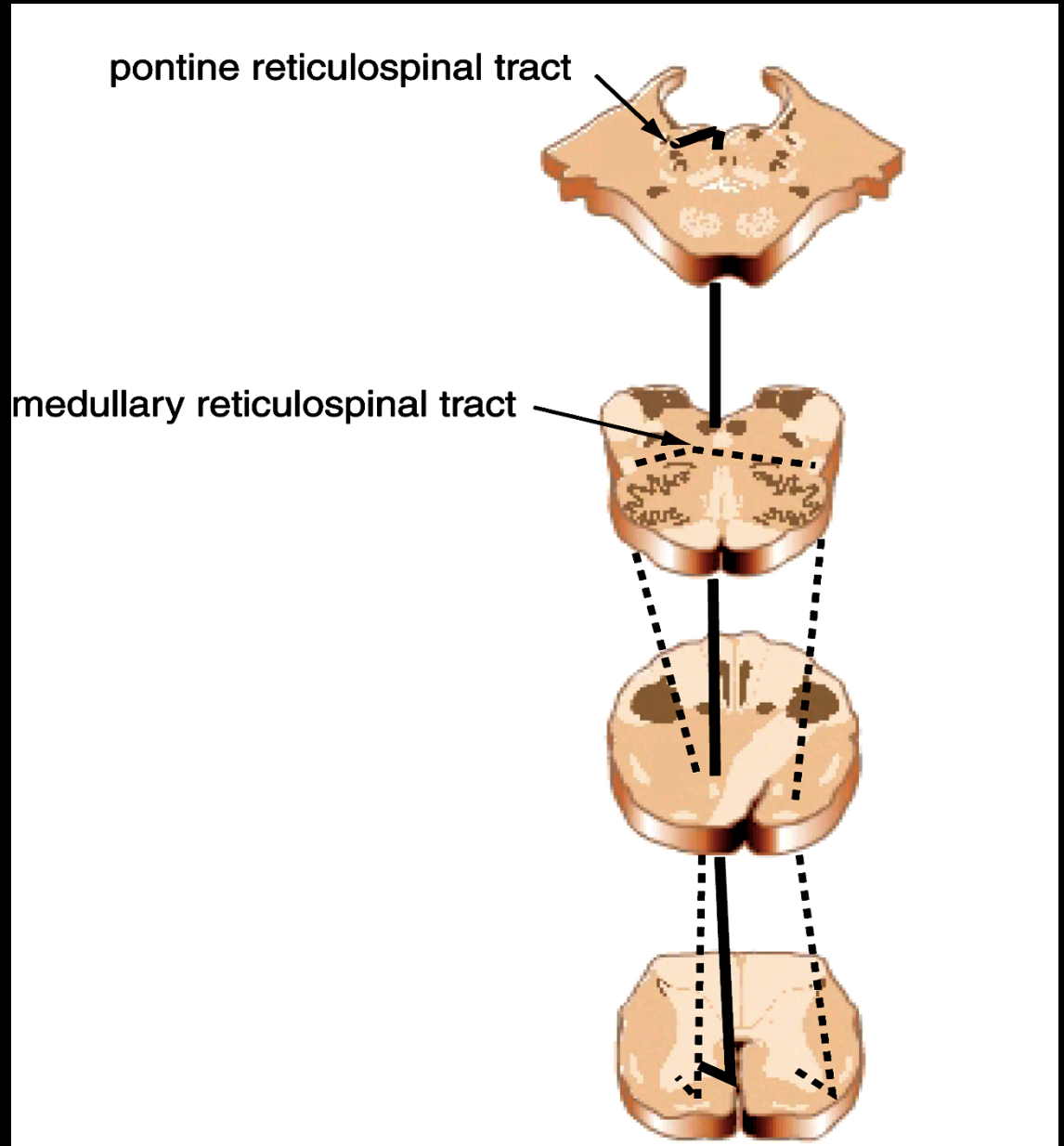
Pons 3

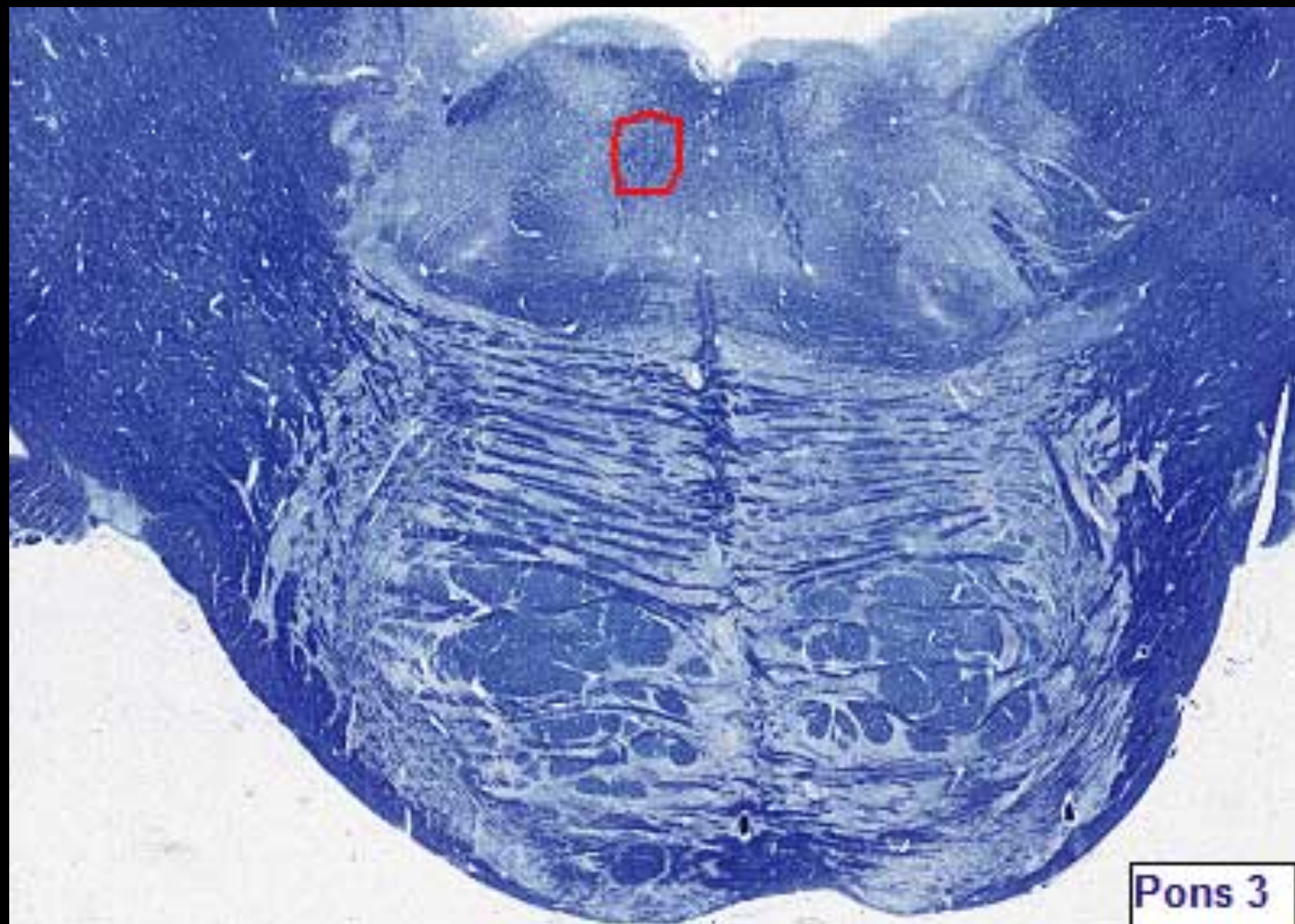




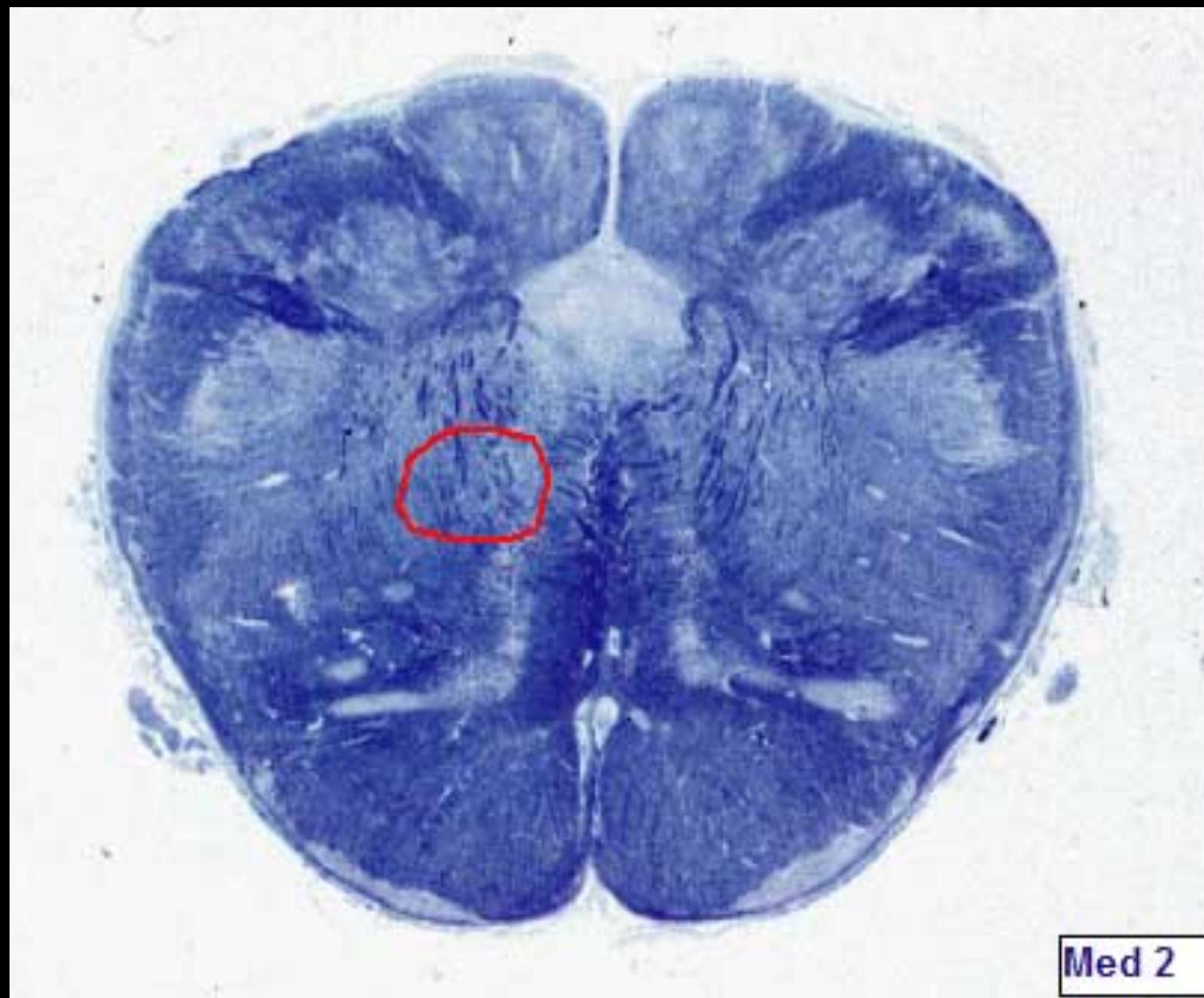


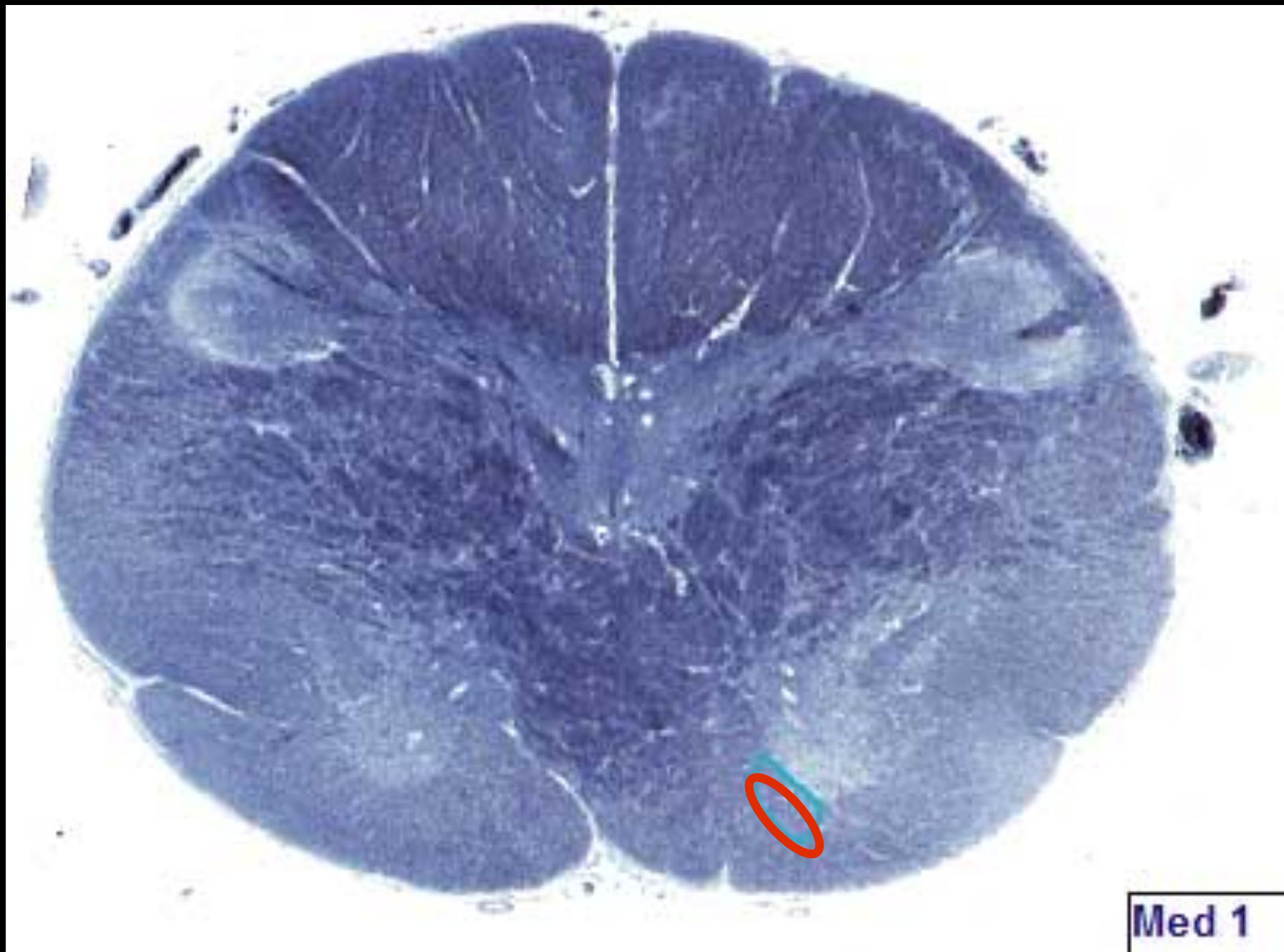
Reticulospinal Tracts

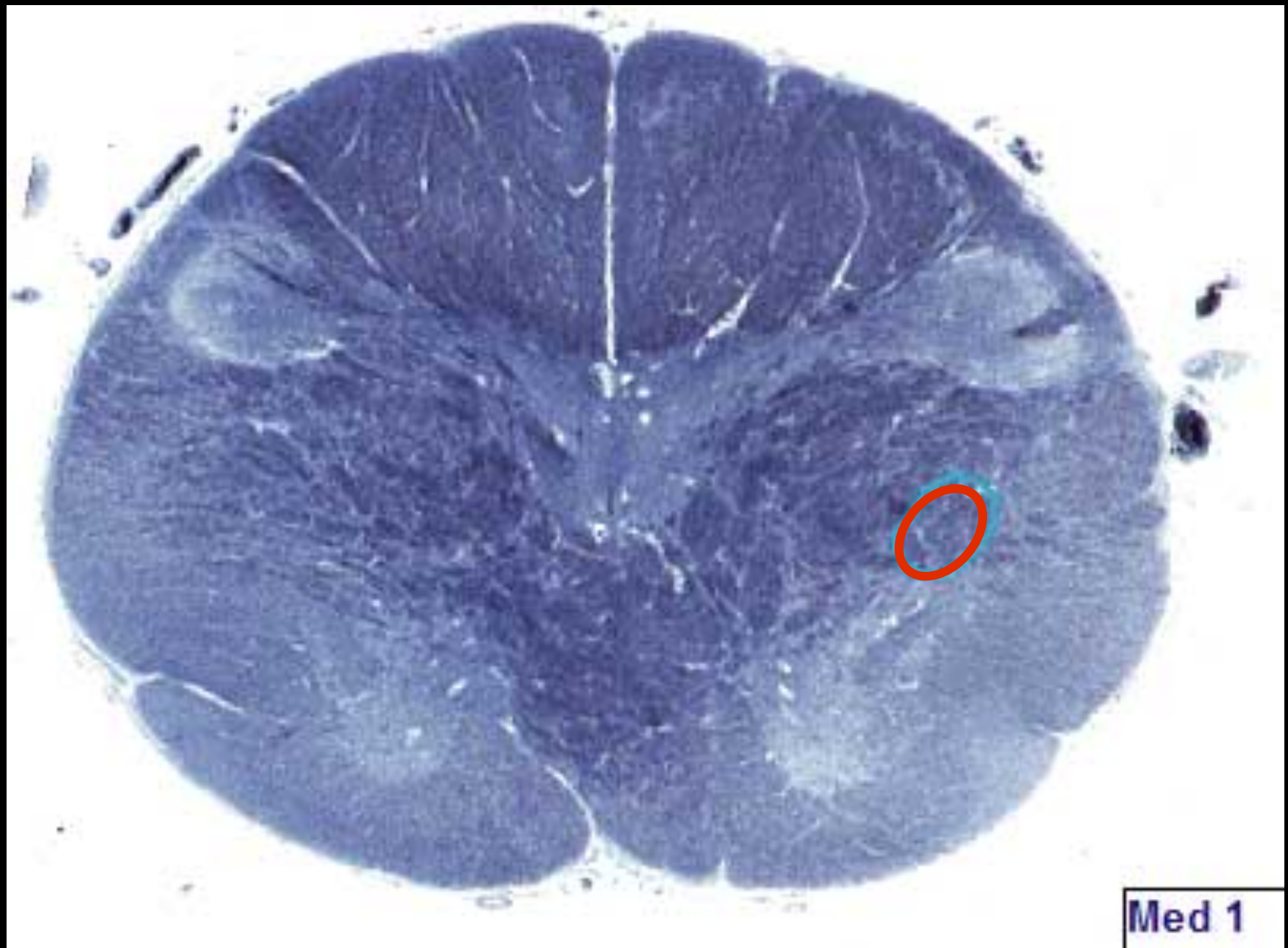


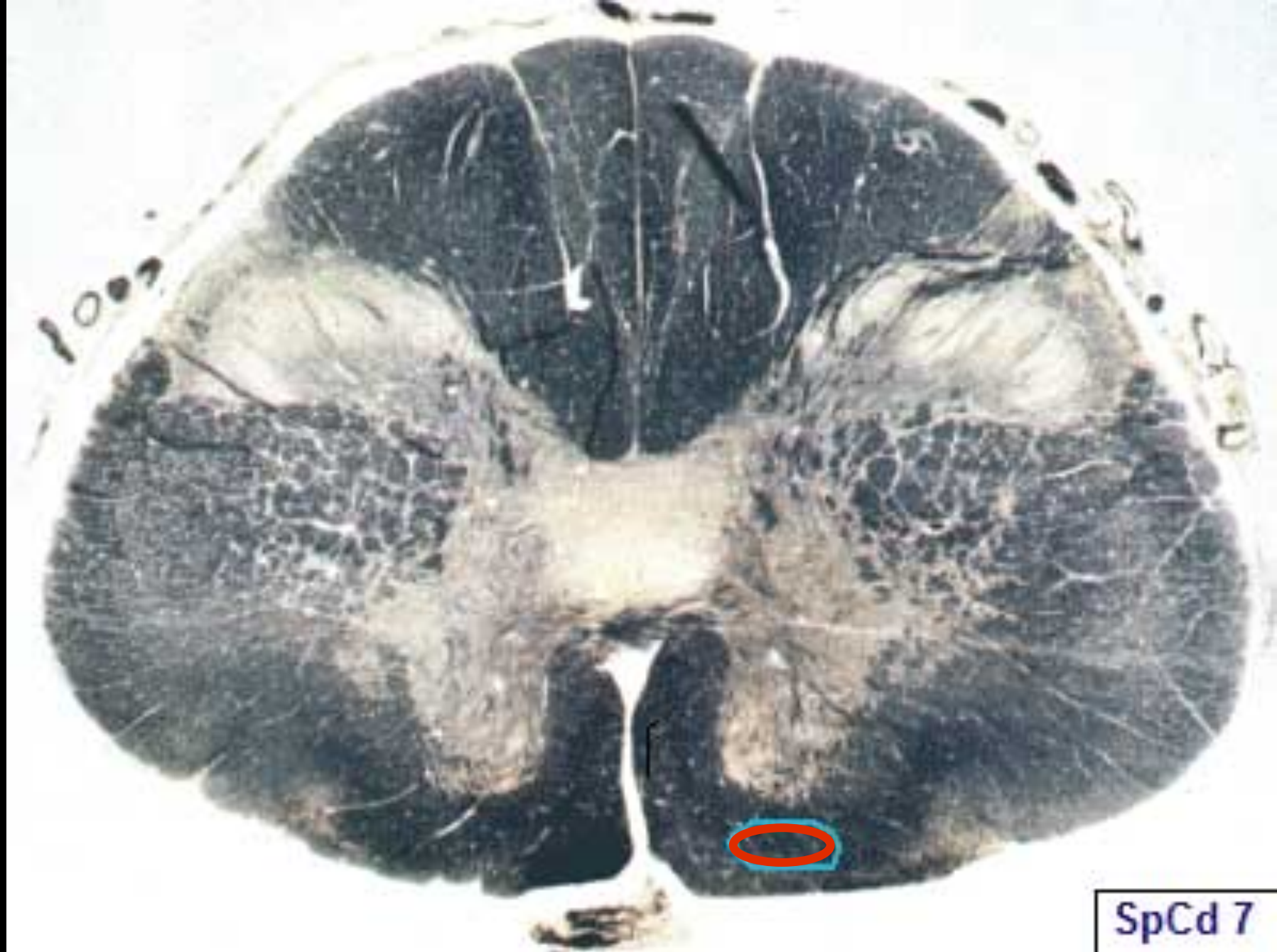


Pons 3

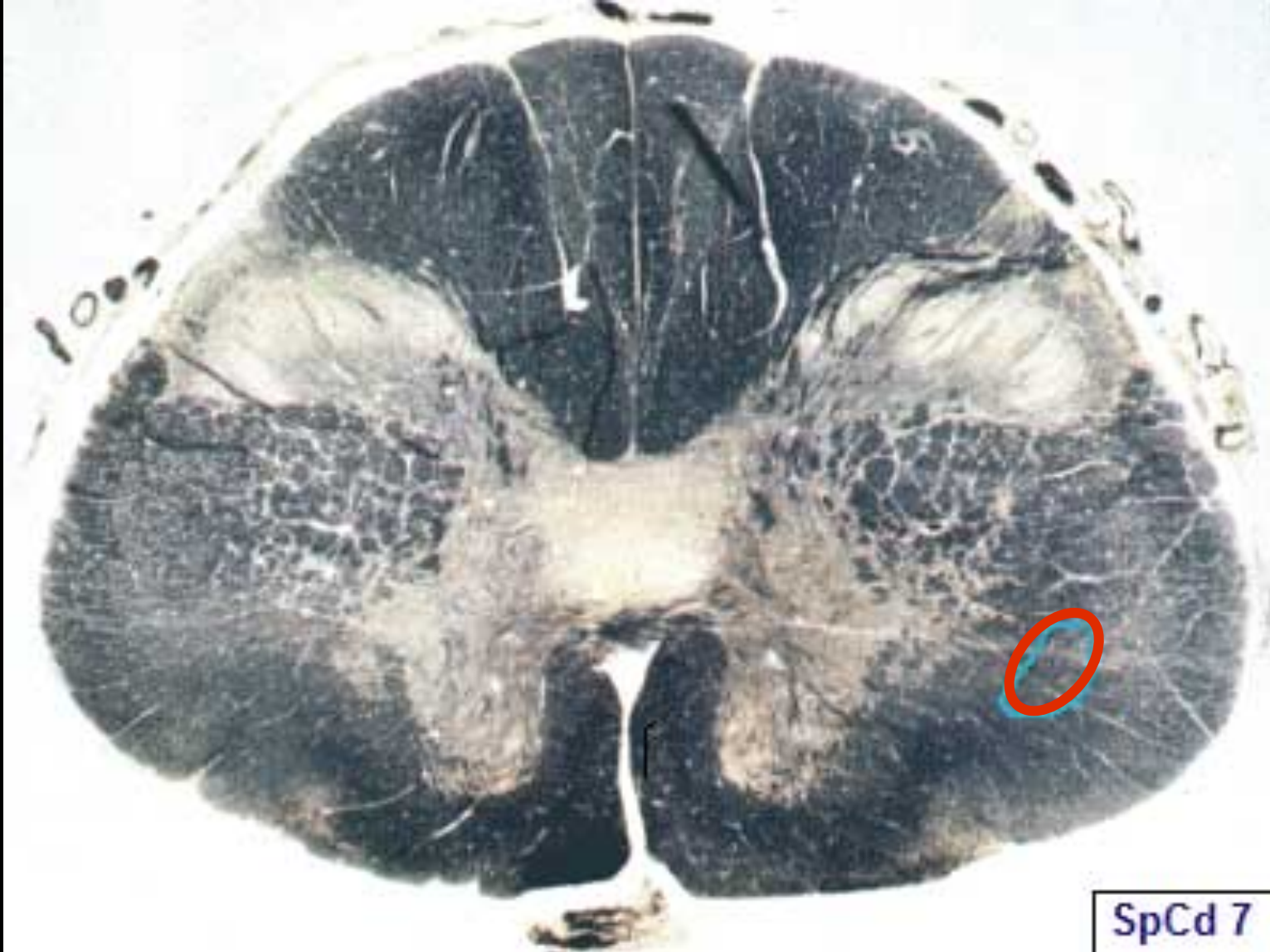




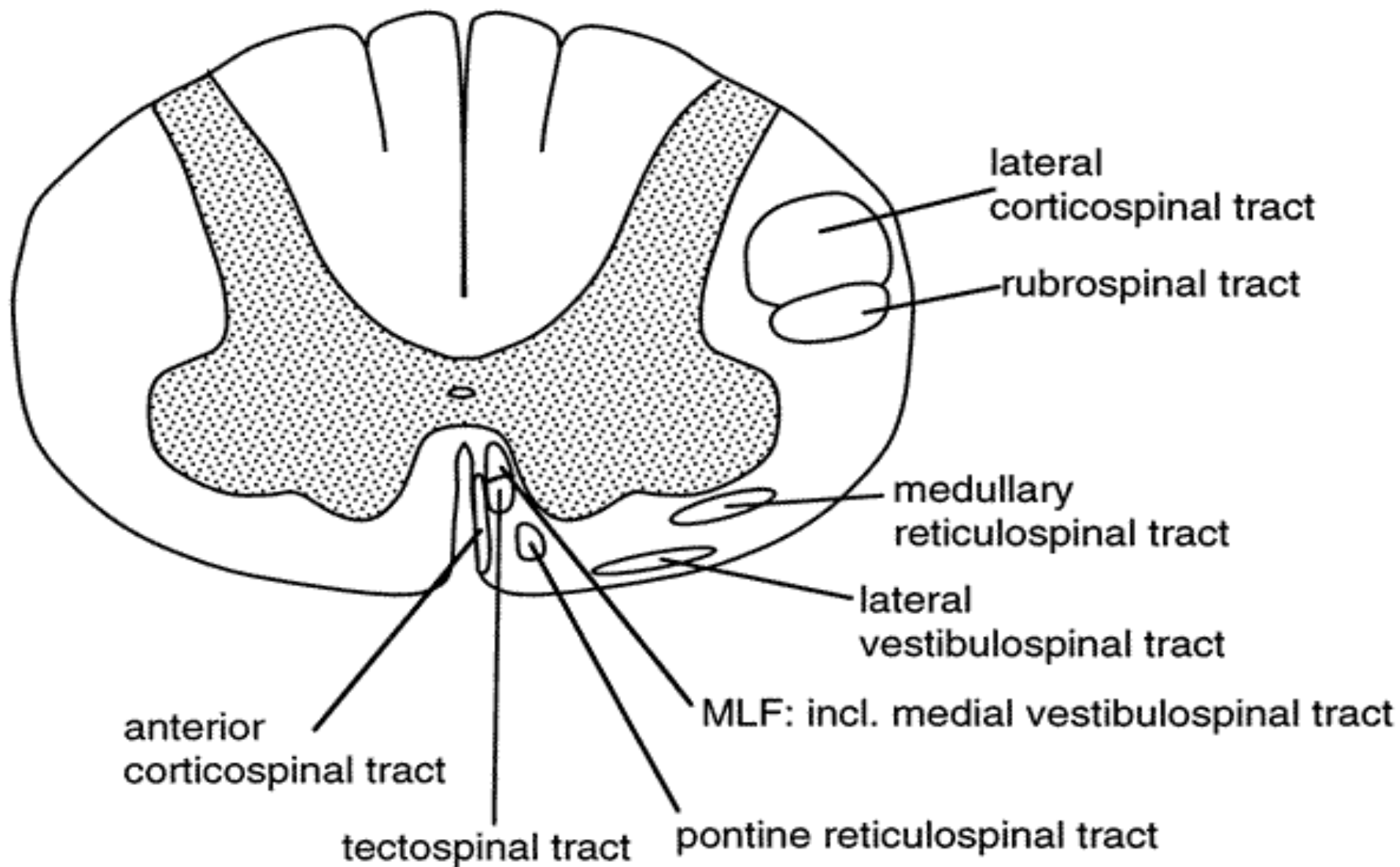




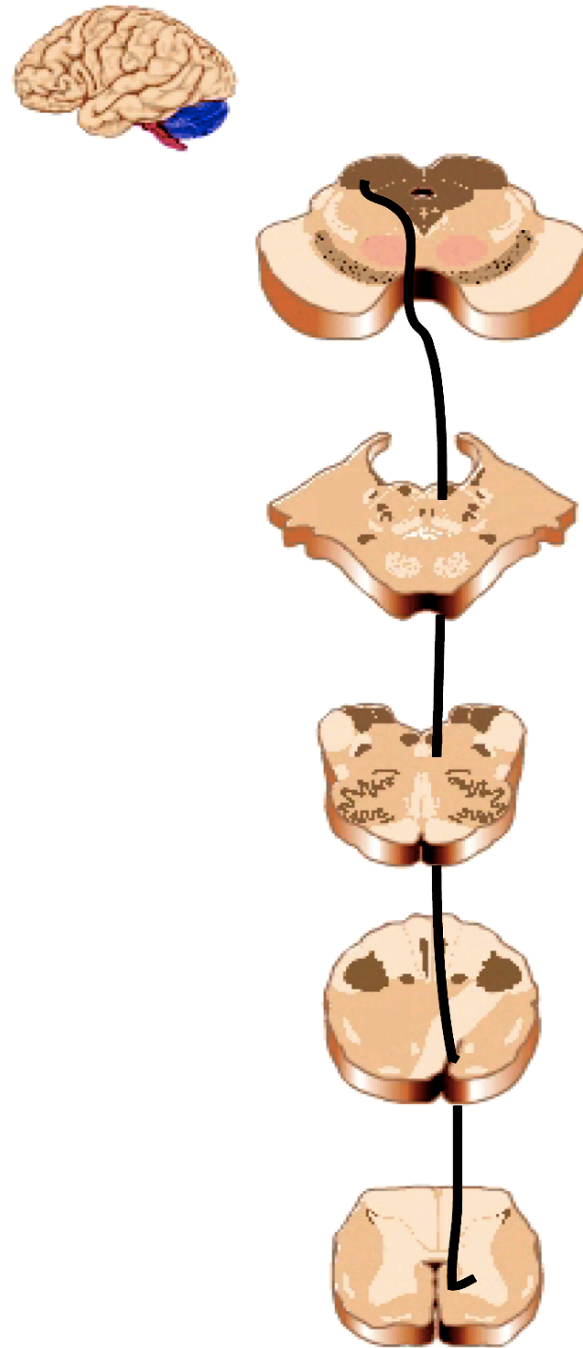
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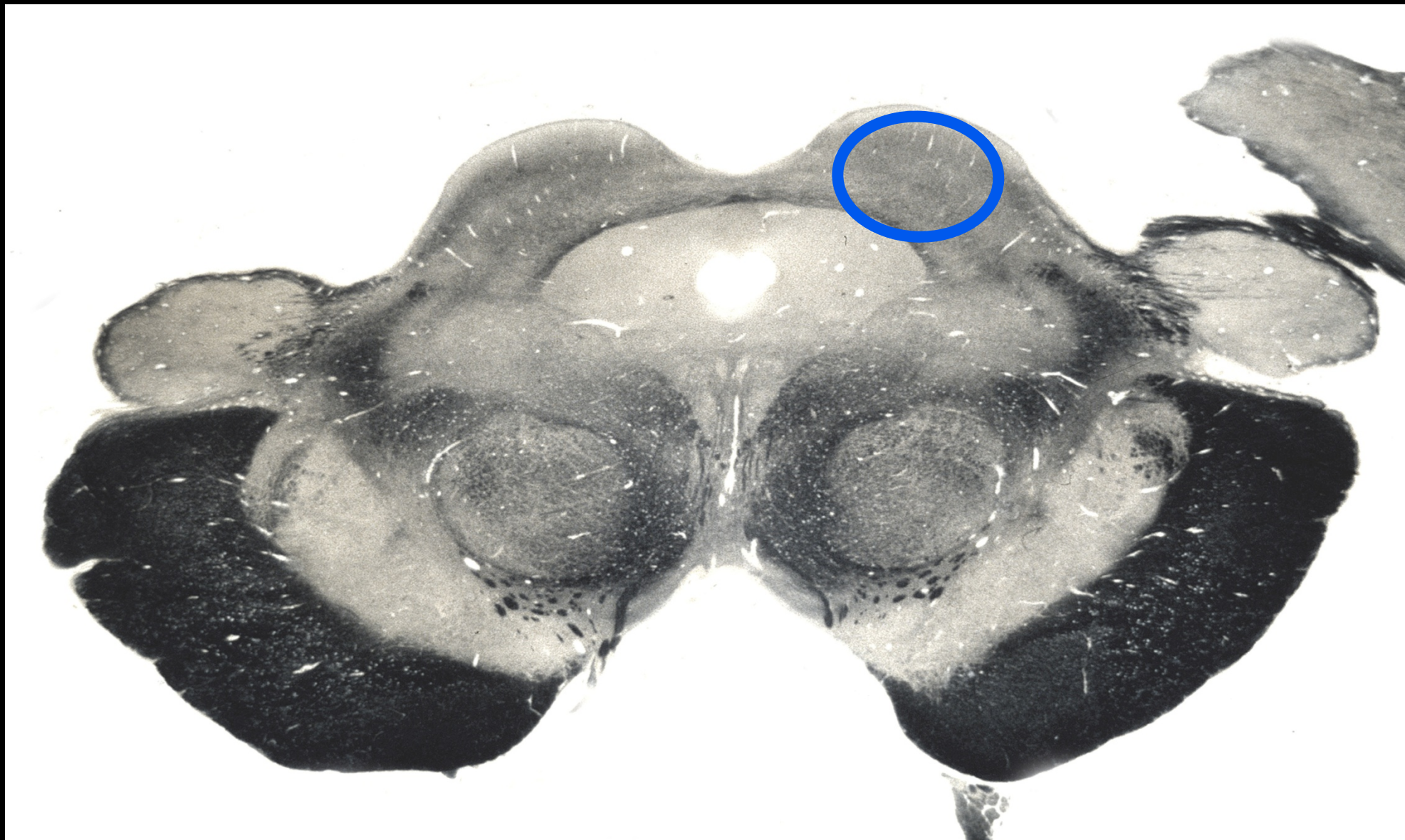


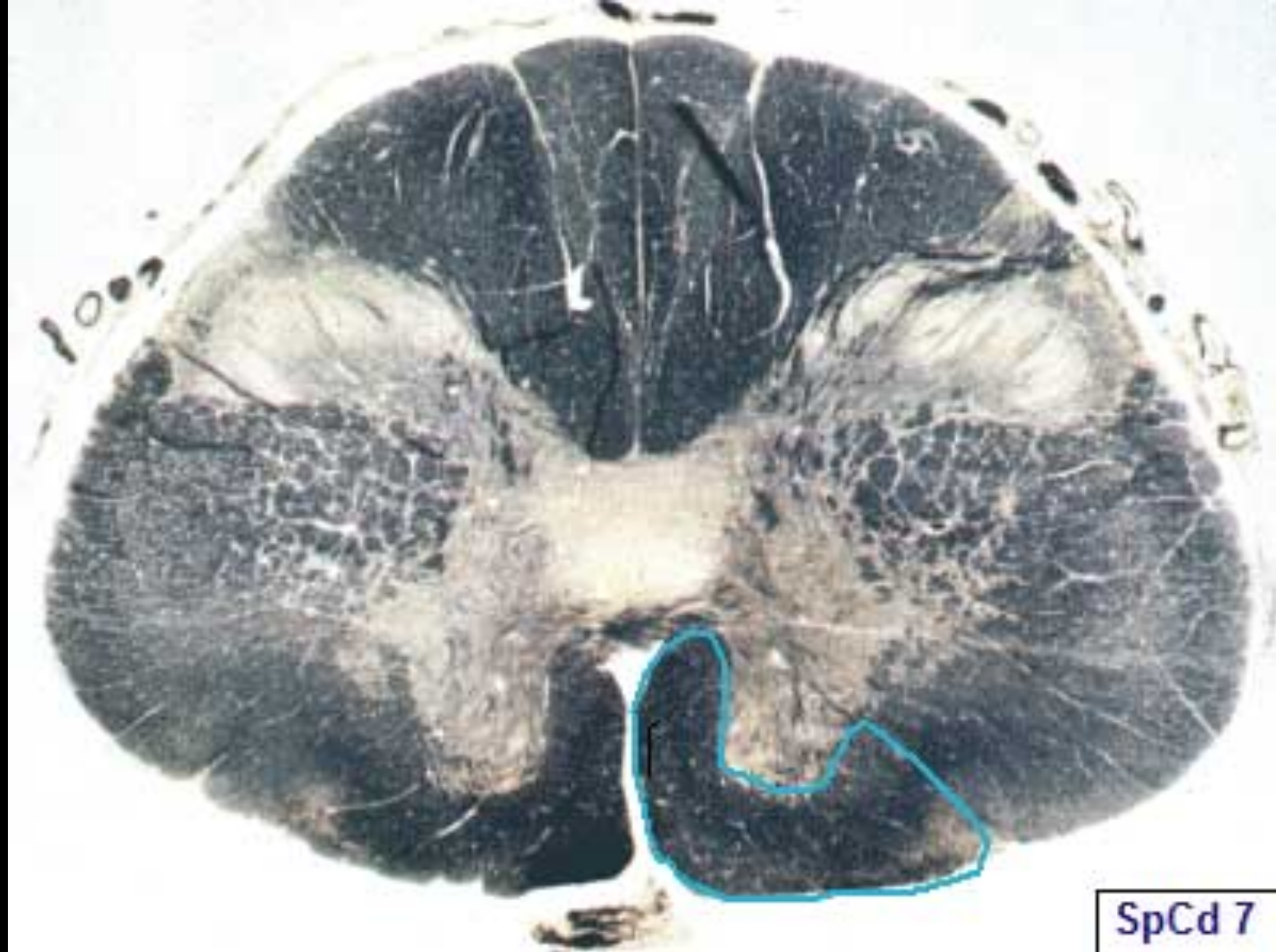
SpCd 7



Tectospinal Tract







SpCd 7

