

Spinal Cord, Spinal Nerves, and the Autonomic Nervous System

Anatomy of the Spinal Cord

1. Match each anatomical view in the key to the description that fits.

- Key: a. medulla oblongata b. spinal cord c. the meninges d. brainstem

- _____ 1. most superior boundary of the spinal cord
- _____ 2. ventral posterior boundary of the spinal cord
- _____ 3. spinal cord nucleus
- _____ 4. collection of spinal nerves extending to the cerebral cortex from the base of the spinal cord

2. Match the key structures to the diagram using the following keys.

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| _____ 1. medulla oblongata | _____ 11. spinal root of spinal nerve | _____ 21. epineurium |
| _____ 2. spinal cord | _____ 12. brainstem | _____ 22. dorsal root of spinal nerve |
| _____ 3. meninges | _____ 13. spinal nerve | _____ 23. dorsal horn of spinal cord |
| _____ 4. spinal root of spinal nerve | _____ 14. gray matter | _____ 24. ventral root of spinal nerve |
| _____ 5. spinal root of spinal nerve | _____ 15. brainstem | _____ 25. white matter |
| _____ 6. spinal root of spinal nerve | _____ 16. diencephalon | |
| _____ 7. spinal root of spinal nerve | _____ 17. pons | |
| _____ 8. spinal root of spinal nerve | _____ 18. medulla oblongata | |
| _____ 9. spinal root of spinal nerve | _____ 19. midbrain | |
| _____ 10. spinal root of spinal nerve | _____ 20. myelin sheath | |

