Neuroanatomy 10 Corticospinal Tract

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4. Chapter: Neuroanatomy 10 Corticospinal Tract

1. Neuroanatomy 10 Corticospinal Tract Questions

4.1.1. These cells, whose axons terminate directly on skeletal muscle fibe...

Author: Stephen Voron

These cells, whose axons terminate directly on skeletal muscle fibers are also known as 'lower motor neurons.'

Please choose only one answer:

- True.
- False.

4.1.2. What deficit(s) result from interrupting these neurons in area 4?

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What deficit(s) result from interrupting these neurons in area 4?

Please choose only one answer:

- Spasticity.
- Hypertonia.
- Hyperreflexia.
- Pathological reflexes.
- All of the above.

4.1.3. Which limb of the internal capsule contains cortical afferents?

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Which limb of the internal capsule contains cortical afferents?

Please choose only one answer:

- Anterior limb.
- Posterior limb.
- Both.
- Neither.

4.1.4. All of the following are sensory radiations from this structure EXC...

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All of the following are sensory radiations from this structure EXCEPT:

Please choose only one answer:

- Olfactory radiations.
- Optic radiations.
- Auditory radiations.
- Somatosensory radiations.

Check the answer of this question online at QuizOver.com:
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4.1.5. A lesion placed in which the following would have the most devastat...

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A lesion placed in which the following would have the most devastating clinical effects to the patient?

Please choose only one answer:

- The precentral gyrus of the cerebral cortex.
- The anterior limb of the internal capsule.
- The posterior limb of the internal capsule.
- The anterolateral system.
- The postcentral gyrus of the cerebral cortex.

4.1.6. Which of the following is not correct?

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Which of the following is not correct?

Please choose only one answer:

- The center for lateral gaze is in the pons.
- The center for vertical gaze is in the pretectal area.
- Looking upward is not dependent on the mlf.
- Looking upward is not dependent on the pons.
- The lateral and vertical gaze centers are located near each other in the pons.

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4.1.7. Cortical afferents in the internal capsule have their cell bodies l...

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Cortical afferents in the internal capsule have their cell bodies located in:

Please choose only one answer:

- The dorsal horn.
- The dorsal column nuclei.
- The thalamic nuclei.
- The cerebral cortex.

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Question: Cortical afferents in the internal capsule Stephen Vo @University

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4.1.8. The role of the corpus callosum can best be defined as

Author: Stephen Voron

The role of the corpus callosum can best be defined as

Please choose only one answer:

- Association cortical connections from all areas.
- Intracortical connections between homotopic areas of each hemisphere.
- A dorsal extension of the internal capsule.
- A pathway for interhemispheric transfer from the nondominant to the dominant hemisphere.
- A pathway to insure that the same information goes to each hemisphere.