

Neuroanatomy

13 The

Hypothalamus

Ch 13: The Hypothalamus

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4. Chapter: Neuroanatomy 13 The Hypothalamus

1. Neuroanatomy 13 The Hypothalamus Questions

4.1.1. Tuberal nuclei are located in:

Author: Stephen Voron

Tuberal nuclei are located in:

Please choose only one answer:

- Hypothalamus.
- Median eminence.
- Infundibulum.
- Anterior lobe of pituitary.

Check the answer of this question online at QuizOver.com:

Question: [Tuberal nuclei are located in: Stephen Vo @University of Utah Ch](#)

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4.1.2. Horner's Syndrome consists of miosis, ptosis, and anhidrosis. These...

Author: Stephen Voron

Horner's Syndrome consists of miosis, ptosis, and anhidrosis. These can all be explained as due to the interruption of:

Please choose only one answer:

- Nerve III.
- Oculomotor nucleus.
- Hypothalamospinal and reticulospinal fibers.
- Tuberal nuclei in the hypothalamus.

Check the answer of this question online at QuizOver.com:

Question: [Horner's Syndrome consists of miosis ptosis Stephen Vo @University](#)

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4.1.3. Horner's Syndrome can result from:

Author: Stephen Voron

Horner's Syndrome can result from:

Please choose only one answer:

- Interruption of hypothalamospinal tract in the medulla.
- Lesion of superior cervical ganglion.
- Thoracic spinal cord lesion.
- Lesion of sympathetic chain in thoracic region.
- All of the above.

Check the answer of this question online at [QuizOver.com](http://www.quizover.com):

Question: [Horner's Syndrome can result from: Stephen Vo @University of Utah](http://www.quizover.com/question/horner-s-syndrome-can-result-from-stephen-vo-university-of-utah)

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4.1.4. The third ventricle is surrounded by the following structures with ...

Author: Stephen Voron

The third ventricle is surrounded by the following structures with the EXCEPTION of:

Please choose only one answer:

- Anterior commissure.
- Fornix.
- Posterior Commissure.
- Choroid plexus.
- Optic tract.

Check the answer of this question online at QuizOver.com:

Question: [The third ventricle is surrounded by the Stephen Vo @University](#)

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4.1.5. Preganglionic sympathetic cell bodies are located in:

Author: Stephen Voron

Preganglionic sympathetic cell bodies are located in:

Please choose only one answer:

- Intermediate or lateral horn (T1-L2).
- Intermediate or lateral horn (S2-5).
- Both A and B
- Edinger-Westphal, salivatory and dorsal motor nucleus of X.

Check the answer of this question online at QuizOver.com:

Question: [Preganglionic sympathetic cell bodies are Stephen Vo @University](#)

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4.1.6. How does the region marked by the arrow communicate with the spinal...

Author: Stephen Voron

How does the region marked by the arrow communicate with the spinal cord?

Please choose only one answer:

- Hypothalamotegmental tract.
- Hypothalamoreticular tract.
- Reticulospinal tract.
- Hypothalamospinal tract.
- All of the above.

Check the answer of this question online at QuizOver.com:

Question: [How does the region marked by the arrow Stephen Vo @University of](#)

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4.1.7. The hypothalamohypophyseal tract

Author: Stephen Voron

The hypothalamohypophyseal tract

Please choose only one answer:

- Contains hormones packaged as granules.
- Results in diabetes insipidus when severed.
- Is involved in the milk letdown reflex.
- Transmits nerve impulses that result in hormonal release.
- All of the above.

Check the answer of this question online at QuizOver.com:

Question: [The hypothalamohypophyseal tract Stephen Vo @University of Utah Ch](#)

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4.1.8. Which set of cranial nerves contains preganglionic parasympathetic ...

Author: Stephen Voron

Which set of cranial nerves contains preganglionic parasympathetic axons.

Please choose only one answer:

- V, VII, IX, X.
- IV, VI, XI, XII.
- III, VII, IX, X.
- I, II, VII, XI.

Check the answer of this question online at QuizOver.com:

Question: [Which set of cranial nerves contains preganglionic Stephen @University](#)

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4.1.9. What is the tuberoinfundibular tract?

Author: Stephen Voron

What is the tuberoinfundibular tract?

Please choose only one answer:

- A tract carrying releasing hormones.
- A tract carrying ADH and Oxytocin.
- A tract carrying nerve impulses to the adenohipophysis.
- A & B.
- A, B & C.

Check the answer of this question online at QuizOver.com:

Question: [What is the tuberoinfundibular tract Stephen Vo @University of Ch](#)

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4.1.10. A portal system is a system of vascular drainage that communicates ...

Author: Stephen Voron

A portal system is a system of vascular drainage that communicates between arteries and veins.

Please choose only one answer:

- True.
- False.

Check the answer of this question online at QuizOver.com:

Question: [A portal system is a system of vascular drainage Stephen @University](#)

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4.1.11. The capillaries in the median eminence:

Author: Stephen Voron

The capillaries in the median eminence:

Please choose only one answer:

- Are sealed off by tight junctions, like most capillaries in the brain.
- Are fenestrated capillaries like the kidney.
- Simple fenestrated capillaries.

Check the answer of this question online at QuizOver.com:

Question: [The capillaries in the median eminence: Stephen Vo @University of](#)

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4.1.12. What happens to ADH and oxytocin once it reaches the posterior pitu...

Author: Stephen Voron

What happens to ADH and oxytocin once it reaches the posterior pituitary?

Please choose only one answer:

- It is stored in the cells of the posterior pituitary gland.
- It is stored in nerve endings until released.
- It rapidly diffuses into the systemic circulation.

Check the answer of this question online at QuizOver.com:

Question: [What happens to ADH and oxytocin once it Stephen Vo @University](#)

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4.1.13. Releasing hormones have a longer half-life than do ADH and Oxytocin.

Author: Stephen Voron

Releasing hormones have a longer half-life than do ADH and Oxytocin.

Please choose only one answer:

- True.
- False.

Check the answer of this question online at QuizOver.com:

Question: [Releasing hormones have a longer half-life Stephen Vo @University](#)

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4.1.14. Which of the following nuclei receive descending axons from the hyp...

Author: Stephen Voron

Which of the following nuclei receive descending axons from the hypothalamus:

Please choose only one answer:

- Dorsal motor nucleus of X.
- Edinger-Westphal nucleus.
- Inferior salivatory nucleus.
- Nucleus solitarius.
- All of the above.

Check the answer of this question online at QuizOver.com:

Question: [Which of the following nuclei receive descending Stephen @University](#)

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4.1.15. Touch and pressure from the nipple reach the neurosecretory nuclei ...

Author: Stephen Voron

Touch and pressure from the nipple reach the neurosecretory nuclei by the:

Please choose only one answer:

- Dorsal column.
- Spinoreticular pathways.
- Solitary tract.
- Dentatorubrothalamic tract.
- Spinocerebellar tract.

Check the answer of this question online at QuizOver.com:

Question: [Touch and pressure from the nipple reach the Stephen Vo @University](#)

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4.1.16. The medial forebrain bundle (arrow) in the lateral hypothalamus:

Author: Stephen Voron

The medial forebrain bundle (arrow) in the lateral hypothalamus:

Please choose only one answer:

- Is a tract involved in coordinating eye movements.
- Connects hypothalamus and median eminence.
- Is a group of axons connecting the limbic system, reticular formation, and hypothalamus.
- Connects the mammillary bodies and thalamus.

Check the answer of this question online at QuizOver.com:

Question: [The medial forebrain bundle arrow in the Stephen Vo @University](#)

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