

# Neuroanatomy

## 03 Ventricular System

### Ch 03: Ventricular System

Author: Stephen Voron

Lecturer @University of Utah

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Stephen C. Voron, M.D., Suzanne S. Stensaas, Ph.D. , Department of Neurobiology and Anatomy,  
University of Utah, School of Medicine, Salt Lake City, Utah 84132,  
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## 4. Chapter: Neuroanatomy 03 Ventricular System

### 1. Neuroanatomy 03 Ventricular System Questions

#### 4.1.1. The cortex is of uniform thickness.

Author: Stephen Voron

The cortex is of uniform thickness.

Please choose only one answer:

- True.
- False.

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

Question: [The cortex is of uniform thickness. Stephen Vo @University Utah Ch](#)

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#### 4.1.2. This structure is usually considered a:

Author: Stephen Voron

This structure is usually considered a:

Please choose only one answer:

- Decussation.
- Commissure.
- Tract.
- Funiculus.
- Fasciculus.

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

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#### 4.1.3. What will occur because this area (arrow) is obstructed?

Author: Stephen Voron

What will occur because this area (arrow) is obstructed?

Please choose only one answer:

- Hydrocephalus.
- Ventricles will dilate.
- Mental deterioration.
- More CSF will be produced than returned to the vascular system.
- All of the above.

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

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#### 4.1.4. What is the functional significance of these white structures?

Author: Stephen Voron

What is the functional significance of these white structures?

Please choose only one answer:

- Produce CSF.
- Store CSF.
- Transfer CSF to venous system.
- Transfer CSF to the lymphatics.

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

Question: [What is the functional significance of these Stephen Vo @University](#)

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#### 4.1.5. What will be the effect of infection of the meninges, such as the m...

Author: Stephen Voron

What will be the effect of infection of the meninges, such as the meningitis shown here, on the sensory innervation of the dura?

Please choose only one answer:

- Anesthesia.
- Pain.
- Both.
- Neither.

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#### 4.1.6. What does the ventricular system represent?

Author: Stephen Voron

What does the ventricular system represent?

Please choose only one answer:

- Neural tube.
- Neural canal.
- Neuropore.
- Rathke's pouch.

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

Question: [What does the ventricular system represent Stephen Vo @University](#)

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#### 4.1.7. Cerebrospinal fluid is produced by:

Author: Stephen Voron

Cerebrospinal fluid is produced by:

Please choose only one answer:

- Pial cells.
- Choroid plexus cells.
- Ependymal cells.
- Fibroblasts.
- Arachnoid granulations (=arachnoid villi or pacchionian granulations).

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

Question: [Cerebrospinal fluid is produced by: Stephen Vo @University of Utah](#)

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#### 4.1.8. The occipital horns of the lateral ventricles communicate with the ...

Author: Stephen Voron

The occipital horns of the lateral ventricles communicate with the fourth ventricle (both are injected with blue) via the:

Please choose only one answer:

- >ventricle III >foramen of Monro >aqueduct > ventricle IV.
- >aqueduct > ventricle III > ventricle IV.
- >foramen of Monro > ventricle III > aqueduct > ventricle IV.
- >aqueduct> ventricle IV >ventricle III.

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

Question: [The occipital horns of the lateral ventricles Stephen @University](#)

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#### 4.1.9. The cerebral cortex is a sheet of gray matter that covers white mat...

Author: Stephen Voron

The cerebral cortex is a sheet of gray matter that covers white matter. What does the white matter represent?

Please choose only one answer:

- Axons and glial cells.
- Axons only.
- Neuron cell bodies only.
- Neuron cell bodies and glial cells.

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

Question: [The cerebral cortex is a sheet of gray matter Stephen @University](#)

Flashcards:

<http://www.quizover.com/flashcards/the-cerebral-cortex-is-a-sheet-of-gray-matter-stephen-university?pdf=1505>

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#### 4.1.10. What will result if these structures do not function?

Author: Stephen Voron

What will result if these structures do not function?

Please choose only one answer:

- Microcephalus.
- Decreased CSF production.
- Increased subarchnoid space.
- Increased intracranial pressure and death from pressure on vital cardiac and respiratory centers.

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

Question: [What will result if these structures do not Stephen Vo @University](#)

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#### 4.1.11. This is the floor of the IV ventricle. Which regions of the brain a...

Author: Stephen Voron

This is the floor of the IV ventricle. Which regions of the brain are associated with the IV ventricle? Hint: think of the embryological development.

Please choose only one answer:

- Medulla.
- Pons and Medulla.
- Pons and Medulla and Cerebellum.
- Midbrain, Pons, and Medulla.

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

Question: [This is the floor of the IV ventricle. Which Stephen Vo @University](#)

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#### 4.1.12. Obstruction of the cerebral aqueduct would result in dilation of wh...

Author: Stephen Voron

Obstruction of the cerebral aqueduct would result in dilation of which of the following?

Please choose only one answer:

- Lateral ventricles
- Third ventricle
- Fourth ventricle
- A and B
- A, B, and C

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

Question: [Obstruction of the cerebral aqueduct would Stephen Vo @University](#)

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#### 4.1.13. Which of the following structures does not border on the third vent...

Author: Stephen Voron

Which of the following structures does not border on the third ventricle?

Please choose only one answer:

- Thalamus
- Hypothalamus
- Fourth ventricle
- Interventricular foramen
- Aqueduct

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

Question: [Which of the following structures does not Stephen Vo @University](http://www.quizover.com/question/which-of-the-following-structures-does-not-stephen-vo-universi-8472364?pdf=1505)

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