

II. CEREBRAL SPINAL FLUID (CSF)

A. Function

B. CSF formation

1. Choroid plexus structure

2. Choroid plexus locations

C. Brain ventricles & CSF flow

III. BLOOD-BRAIN BARRIER

A. Definition and structure

B. Function

TRACKING QUESTIONS

1. How are the meninges and spaces of the spinal cord different from those of the brain?
2. Identify the anatomical location of each of the ventricles of the brain.
3. Explain how CSF leaves the central nervous system.
4. Distinguish between the *falx cerebri* and *falx cerebelli*
5. Compare and contrast the arachnoid villi and choroids plexus.
6. Compare and contrast the location and function of the ependymal cells and astrocytes.

LEARNING OBJECTIVES

- Describe the gross anatomy of the spinal cord
- Describe the cross-sectional anatomy of the spinal cord

IV. ORGANIZATION OF THE SPINAL CORD**A. Gross spinal anatomy**

TEXT: _____

FIG: _____

B. Cross-sectional spinal anatomy

1. Separation of the lateral halves

2. Gray matter

a) *Posterior gray horns*b) *Anterior and lateral gray horns*

3. White matter

a) *Ascending tracts*b) *Descending tracts*c) *Commissural tracts*

