

CNS-Biochem

Archive

Lecture4

Cerebrospinal fluid

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1. When a doctor took a lumbar puncture for his patient, the CSF was red in the beginning and later changed, what does that mean?

A. The doctor punctured the blood vessels (traumatic tap)

2. Which of the following is true about a case of tuberculosis meningitis?

a. A pellicle forms and it is a prominent feature

All the following are true except

A- csf produced from 3rd , 4th ventricle and subarchinoid space

B- csf go to blood through villi

Answer: A

3. A 35-year-old man presents to the emergency department with fever, headache, and neck stiffness for the past 12 hours. He also reports nausea and photophobia. Lumbar puncture is performed, and cerebrospinal fluid (CSF) analysis shows:

WBC count: 1,200 cells/ μ L

Neutrophils: 90%

Lymphocytes: 10%

Glucose: low

Protein: elevated

This type of meningitis is most likely:

A. Bacterial meningitis

B. Viral (aseptic) meningitis

C. Tubercular meningitis

D. Fungal meningitis

E. Parasitic meningitis

Answer: A