

QUESTION

10. A patient with a long history of alcohol abuse is brought to the emergency department with a 2-day history of confusion and vomiting. The patient is found to have a serum sodium level of 118 mEq/L. Which of the following is the most appropriate initial management?

- A. Administer 100 mL of 3% sodium chloride solution
- B. Administer 100 mL of 0.9% sodium chloride solution
- C. Administer 100 mL of 5% dextrose in water
- D. Administer 100 mL of 0.45% sodium chloride solution
- E. Administer 100 mL of 0.3% sodium chloride solution

ANSWER: D
This question is a clinical vignette. The patient has a long history of alcohol abuse and is brought to the emergency department with a 2-day history of confusion and vomiting. The patient is found to have a serum sodium level of 118 mEq/L. The most appropriate initial management is to administer 100 mL of 0.45% sodium chloride solution.

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