

CONTINUING MEDICAL EDUCATION ΣΥΝΕΧΙΖΟΜΕΝΗ ΙΑΤΡΙΚΗ ΕΚΠΑΙΔΕΥΣΗ

Acid-Base Balance-Electrolyte Quiz – Case 49

All of the following regarding hyponatremia are correct, except from:

- a. It is associated with increased mortality
- b. It is a marker for the severity of the underlying disorder
- c. It may affect bone metabolism
- d. It may affect renal function

Comment

It is worth-mentioning that hyponatremia can be directly associated with cerebral edema and increased mortality. However, it should be mentioned that hyponatremia is also a surrogate

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marker for the severity of the underlying disease, such heart failure or liver cirrhosis. Recent studies suggest that hyponatremia may affect bone homeostasis leading to osteoporosis and increased risk of fractures. Moreover, hyponatremia is also associated with gait disturbances and attention deficits resulting in an increased risk of falls. It has also been suggested that hyponatremia may also affect the immune system and cardiac function.

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Answer: May affect renal function