

В 7 КЛАССЕ 10 НОЯБРЯ 2018 г.

**Заполняется
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Организаторы: *Якут / Давыдова С.М. /*

QUESTION

A patient with a long history of alcohol abuse presents with severe abdominal pain, vomiting, and confusion. Laboratory tests show elevated serum ammonia levels. What is the most likely cause of the hyperammonemia?

ANSWER

The most likely cause of the hyperammonemia in this patient is liver failure due to alcoholic liver disease. The liver plays a crucial role in the metabolism of ammonia, converting it into urea via the urea cycle. In liver failure, this metabolic pathway is impaired, leading to a buildup of ammonia in the blood.