

QUESTION

1. A patient with a long history of alcohol abuse presents with a 2-week history of weight loss, anorexia, and weakness. Physical examination reveals a 10% weight loss, a 36°C temperature, a heart rate of 100 beats per minute, a respiratory rate of 18 breaths per minute, and a blood pressure of 110/70 mmHg. The patient has a dry mouth, a tachycardia, and a tachypnea. The patient's laboratory studies are as follows:

Test	Result
White blood cell count	12,000/mm ³
Hemoglobin	10 g/dL
Hematocrit	30%
Serum albumin	2.5 g/dL
Serum total bilirubin	2.5 mg/dL
Serum aspartate aminotransferase (AST)	100 U/L
Serum alanine aminotransferase (ALT)	150 U/L
Serum gamma-glutamyl transaminase (GGT)	200 U/L
Serum alkaline phosphatase (ALP)	100 U/L
Serum creatinine	1.5 mg/dL
Serum prothrombin time (PT)	15 seconds
Serum international normalized ratio (INR)	1.5
Serum ammonia	100 μmol/L
Serum lactate dehydrogenase (LDH)	1000 U/L
Serum ferritin	100 ng/mL
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2. A patient with a long history of alcohol abuse presents with a 2-week history of weight loss, anorexia, and weakness. Physical examination reveals a 10% weight loss, a 36°C temperature, a heart rate of 100 beats per minute, a respiratory rate of 18 breaths per minute, and a blood pressure of 110/70 mmHg. The patient has a dry mouth, a tachycardia, and a tachypnea. The patient's laboratory studies are as follows:

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ANSWER



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