

QUESTION

1. A patient with a long history of alcohol abuse presents with a 2-week history of weight loss, weakness, and confusion. On admission, the patient is found to have a serum sodium of 120 mEq/L, serum glucose of 100 mg/dL, and serum urea nitrogen of 18 mg/dL. The patient's physical examination is unremarkable. The patient's medical history is significant for chronic alcohol abuse, hypertension, and type 2 diabetes mellitus. The patient's current medications include lisinopril, metformin, and insulin. The patient's laboratory studies are as follows:

Test	Result	Reference Range
Serum sodium	120 mEq/L	135-145 mEq/L
Serum glucose	100 mg/dL	70-100 mg/dL
Serum urea nitrogen	18 mg/dL	7-20 mg/dL
Serum creatinine	1.2 mg/dL	0.7-1.3 mg/dL
Serum albumin	3.5 g/dL	3.5-5.0 g/dL
Serum total bilirubin	1.2 mg/dL	0.1-1.2 mg/dL
Serum aspartate aminotransferase (AST)	45 U/L	0-37 U/L
Serum alanine aminotransferase (ALT)	30 U/L	0-40 U/L
Serum gamma-glutamyl transaminase (GGT)	120 U/L	0-50 U/L
Serum lactate dehydrogenase (LDH)	250 U/L	100-250 U/L
Serum ferritin	100 ng/mL	20-200 ng/mL
Serum ferritin (ferritin index)	100	20-200
Serum ferritin (ferritin index)	100	20-200

2. The patient's physical examination is unremarkable.

3. The patient's laboratory studies are as follows:



ANSWER



4. The patient's physical examination is unremarkable.

5. The patient's laboratory studies are as follows: