

### 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 dry mucous membrane, and a tachycardia. Laboratory studies show a hemoglobin of 10 g/dL, a hematocrit of 30%, and a mean corpuscular volume of 80 fL. The patient's serum iron is 50 µg/dL, and the total iron-binding capacity is 350 µg/dL. The patient's serum ferritin is 100 µg/L. The patient's serum transferrin saturation is 14%. The patient's serum ferritin is 100 µg/L. The patient's serum transferrin saturation is 14%. The patient's serum ferritin is 100 µg/L. The patient's serum transferrin saturation is 14%.

### ANSWER

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