

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, tachycardia, and a 10% decrease in hemoglobin. Laboratory studies show a hemoglobin of 10 g/dL, hematocrit of 30%, and a mean corpuscular volume of 80 fL. The patient's iron studies are as follows:

Parameter	Value
Serum iron	100 µg/dL
Serum ferritin	100 µg/L
Serum transferrin	3.5 g/L
Serum transferrin saturation	15%

2. A 60-year-old man 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, tachycardia, and a 10% decrease in hemoglobin. Laboratory studies show a hemoglobin of 10 g/dL, hematocrit of 30%, and a mean corpuscular volume of 80 fL. The patient's iron studies are as follows:

Parameter	Value
Serum iron	100 µg/dL
Serum ferritin	100 µg/L
Serum transferrin	3.5 g/L
Serum transferrin saturation	15%

ANSWER

1. The patient's iron studies are consistent with iron deficiency anemia. The low serum iron, low serum ferritin, and low serum transferrin saturation are all characteristic of iron deficiency. The patient's weight loss, anorexia, and weakness are also consistent with iron deficiency anemia.

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EXPLANATION



5. The patient's iron studies are consistent with iron deficiency anemia. The low serum iron, low serum ferritin, and low serum transferrin saturation are all characteristic of iron deficiency. The patient's weight loss, anorexia, and weakness are also consistent with iron deficiency anemia.

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