

QUESTION

A 65-year-old man with a 20-year history of

hypertension and a 10-year history of

diabetes mellitus presents with a 3-month

history of weight loss, fatigue, and

intermittent fevers. He has no other

symptoms or signs. His past medical

history is significant for chronic kidney

disease stage 3, treated with lisinopril.

He is currently on metformin, insulin,

and aspirin. His medications are up to

date. He has no known drug allergies.

He has no family history of autoimmune

diseases. He is a former smoker and

drinks alcohol socially. He has no

recent travel history.

On physical examination, he is afebrile,

with a heart rate of 98 beats per minute,

blood pressure of 140/80 mmHg, and

respiratory rate of 16 breaths per

minute. He has a normal physical

examination, including normal

cardiovascular, pulmonary, and

abdominal examination. His

laboratory studies are as follows:

White blood cell count: 12,000/mm³

Hemoglobin: 12.5 g/dL

Hematocrit: 38%

Platelets: 250,000/mm³

Serum ferritin: 100 ng/mL

Serum iron: 150 µg/dL

Serum transferrin saturation: 15%

ANSWER



Weight loss, fatigue, and intermittent fevers

WBC 12,000/mm³, Hb 12.5 g/dL, Hct 38%, Plt 250,000/mm³

Ferritin 100 ng/mL, Iron 150 µg/dL, TIBC 900 µg/dL, TSAT 15%

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