

QUESTION

A 65-year-old male patient with a long history of hypertension and a recent diagnosis of type 2 diabetes mellitus is being treated with lisinopril and metformin. He has been experiencing increasing fatigue and weakness over the past few weeks. His blood pressure is well-controlled, and his blood glucose levels are stable. The patient has no other significant medical history and is on no other medications. Physical examination is unremarkable. Laboratory tests show a hemoglobin level of 10 g/dL, a hematocrit of 30%, and a ferritin level of 100 ng/mL. The patient's renal function is normal. The most likely cause of the patient's symptoms is:

- A) Iron deficiency anemia
- B) Vitamin B12 deficiency
- C) Folate deficiency
- D) Chronic kidney disease
- E) Hypothyroidism

ANSWER: A) Iron deficiency anemia

QUESTION



The diagram shows the skeletal structure of the forearm. The humerus (H) is the upper arm bone. The radius (R) and ulna (U) are the two bones of the forearm. The radius is located on the thumb side, and the ulna is on the pinky side. The diagram illustrates the relationship between these three bones in the forearm.

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