

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 of 10 g/dL, hematocrit of 30%, and a reticulocyte count of 0.5%. The patient's renal function is normal. The most likely cause of his symptoms is:

- A. Iron deficiency anemia
- B. Vitamin B12 deficiency
- C. Folate deficiency
- D. Hemolytic anemia
- E. Acute kidney injury

ANSWER: A

QUESTION



The diagram shows the humerus (H) articulating with the radius (R) and ulna (U) at the elbow joint. The radius and ulna are shown in a slightly flexed position, with the radius positioned anteriorly and the ulna posteriorly.

The diagram illustrates the relationship between the humerus (H), radius (R), and ulna (U) in the forearm. The humerus is shown articulating with the radius and ulna at the elbow joint. The radius and ulna are shown in a slightly flexed position, with the radius positioned anteriorly and the ulna posteriorly.

ANSWER: B