

QUESTION

1. A 60-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 presents with a 2-week history of increasing fatigue, weight loss, and a 10-lb (4.5-kg) weight loss. He also reports frequent urination and increased thirst. Physical examination reveals tachycardia, a bounding pulse, and a systolic blood pressure of 160/90 mm Hg. Laboratory studies show a hemoglobin A1c of 10.5%, a serum sodium of 125 mEq/L, a serum potassium of 3.0 mEq/L, and a serum creatinine of 1.5 mg/dL. Which of the following is the most likely cause of his symptoms?

- A. Hypothyroidism
- B. Hyperthyroidism
- C. Addison's disease
- D. Cushing's disease
- E. Pheochromocytoma

ANSWER: B

EXPLANATION: The patient's symptoms of weight loss, fatigue, and polyuria/polydipsia, along with the laboratory findings of hyperglycemia and hypokalemia, are most consistent with hyperthyroidism.



STEP 1 USMLE



USMLE STEP 1
PRACTICE QUESTIONS

USMLE STEP 1 PRACTICE QUESTIONS