

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 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 a family history of heart disease and is a former smoker. The physician suspects a possible complication related to his medications or an underlying condition. What is the most likely cause of the patient's symptoms?

Option	Answer	Explanation
A. Anemia	Correct	The patient's symptoms of fatigue and weakness are consistent with anemia, which can be caused by chronic kidney disease (CKD) as a complication of long-term hypertension. Lisinopril and metformin are unlikely to cause these symptoms.
B. Hypertension	Incorrect	The patient's blood pressure is well-controlled, and hypertension is unlikely to cause the symptoms described.
C. Diabetes mellitus	Incorrect	The patient's blood glucose levels are stable, and diabetes is unlikely to cause the symptoms described.
D. Heart failure	Incorrect	While heart failure can cause fatigue and weakness, the patient's symptoms are more consistent with anemia, and there are no other signs of heart failure mentioned.

2. A 45-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 a family history of heart disease and is a former smoker. The physician suspects a possible complication related to his medications or an underlying condition. What is the most likely cause of the patient's symptoms?

ANSWER



3. A 45-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 a family history of heart disease and is a former smoker. The physician suspects a possible complication related to his medications or an underlying condition. What is the most likely cause of the patient's symptoms?

4. A 45-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 a family history of heart disease and is a former smoker. The physician suspects a possible complication related to his medications or an underlying condition. What is the most likely cause of the patient's symptoms?