

### QUESTION

A 65-year-old male patient with a long history of hypertension and hyperlipidemia presents to the emergency department with acute chest pain. The patient reports a sharp, tearing pain that radiates to his back. He has a blood pressure of 180/110 mmHg and a heart rate of 100 bpm. Physical examination is unremarkable. An electrocardiogram (ECG) shows sinus tachycardia. A chest X-ray is normal. The patient is diagnosed with aortic dissection.

Question	Answer
What is the most likely cause of the patient's chest pain?	Aortic dissection
What is the most likely mechanism of the patient's chest pain?	Dissection of the aorta
What is the most likely location of the patient's chest pain?	Sharp, tearing pain radiating to the back
What is the most likely physical examination finding in the patient?	Sinus tachycardia
What is the most likely chest X-ray finding in the patient?	Normal chest X-ray

ANSWER: Aortic dissection

### QUESTION



Question	Answer
What is the most likely mechanism of the patient's low back pain?	Slumped posture
What is the most likely location of the patient's low back pain?	Lower back
What is the most likely physical examination finding in the patient?	Slumped posture

ANSWER: Slumped posture