

What is your diagnosis? 🎥

A 74-year-old female with a history of coronary artery disease (a coronary artery bypass graft surgery 7 years ago) presented to the emergency room in stable hemodynamic condition with chest pain. Her blood pressure was 140/90 mm Hg, and electrocardiogram revealed atrioventricular dissociation. Considering elevated troponin level, she was diagnosed as non-ST-segment elevation acute coronary syndrome. Selective saphenous vein graft to obtuse marginal (SVG-OM) images during cardiac catheterization revealed the following presentation: Fig. 1, Video 1–4.

What is your diagnosis?

- A. Bubble: Coronary air embolism
- B. Free-floating thrombus
- C. Cholesterol crystal embolism
- D. Atheroembolism

Video 1. Right anterior oblique caudal angiographic view.

Video 2. Angiographic view of Cx (circumflex coronary artery)–saphenous vein graft.

Video 3. Angiographic view of Cx–saphenous vein graft.

Video 4. Angiographic view of LAD-LIMA (left anterior descending–left internal mammary artery) graft.

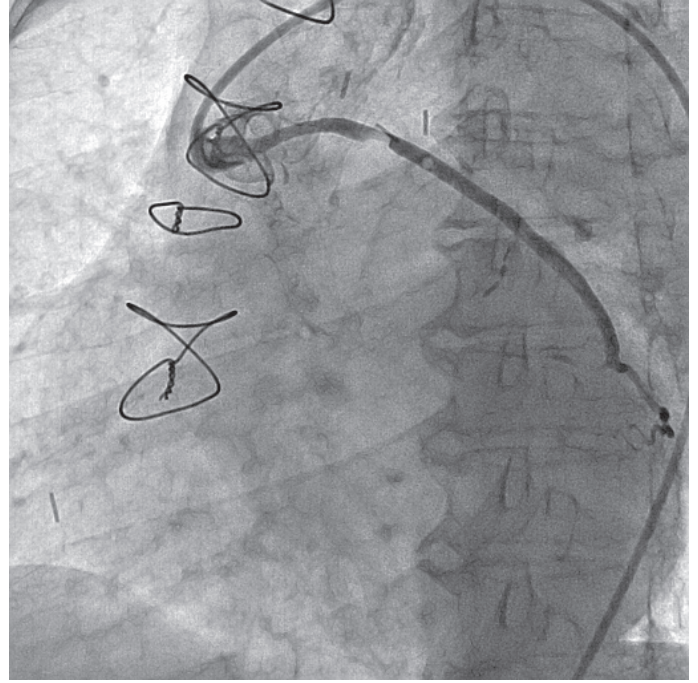
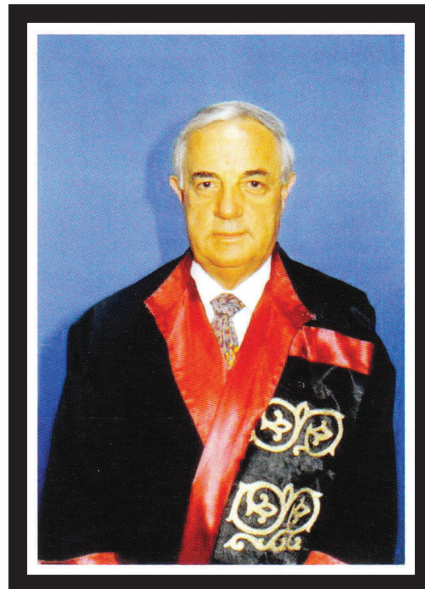


Figure 1. Coronary angiography image of saphenous vein graft

Answer: p. 145



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