Huge coronary artery pseudoaneurysm in a young male patient with antiphospholipid syndrome

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A 21-year-old man with a history of antiphospholipid syndrome presented with superior vena cava syndrome. Echocardiography showed left ventricular mass and ejection fraction of 30%. Coronary angiography showed a large pseudoaneurysm in the proximal left anterior descending (LAD) artery and occlusion of the LAD (Supplementary Video 1).

Supplementary material (Video 1) is available at EJCTS online.

Figure 1: Full-volume three-dimensional echocardiography showed a large mass at the lateral wall of the left ventricle (a). Coronary angiography revealed an aneurysm at the proximal section of LAD artery (b).

Figure 2: Pseudoaneurysm during cardiac surgery.