

Images in clinical medicine

A large apical pseudoaneurysm of the left ventricle ruptured into the pericardium

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A large apical pseudoaneurysm of the left ventricle ruptured into the pericardium

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Image in medicine

This is the case of a 78 years old patient with a history of acute coronary syndrome complicated by rupture of the left ventricle. The ventricular wall defect was closed by tachosyl hemostatic patches and gluing. Two months after the occurrence of the acute coronary syndrome, computed tomography detected a huge apical pseudoaneurysm of the left ventricle ruptured into

the pericardium (A). The patient underwent median sternotomy and cardiopulmonary bypass associated with a moderate hypothermia at 28°C,

then, we performed the DOR technique for the cure of the pseudoaneurysm (B), using a Gore Tex patch and Teflon felt support (C,D).

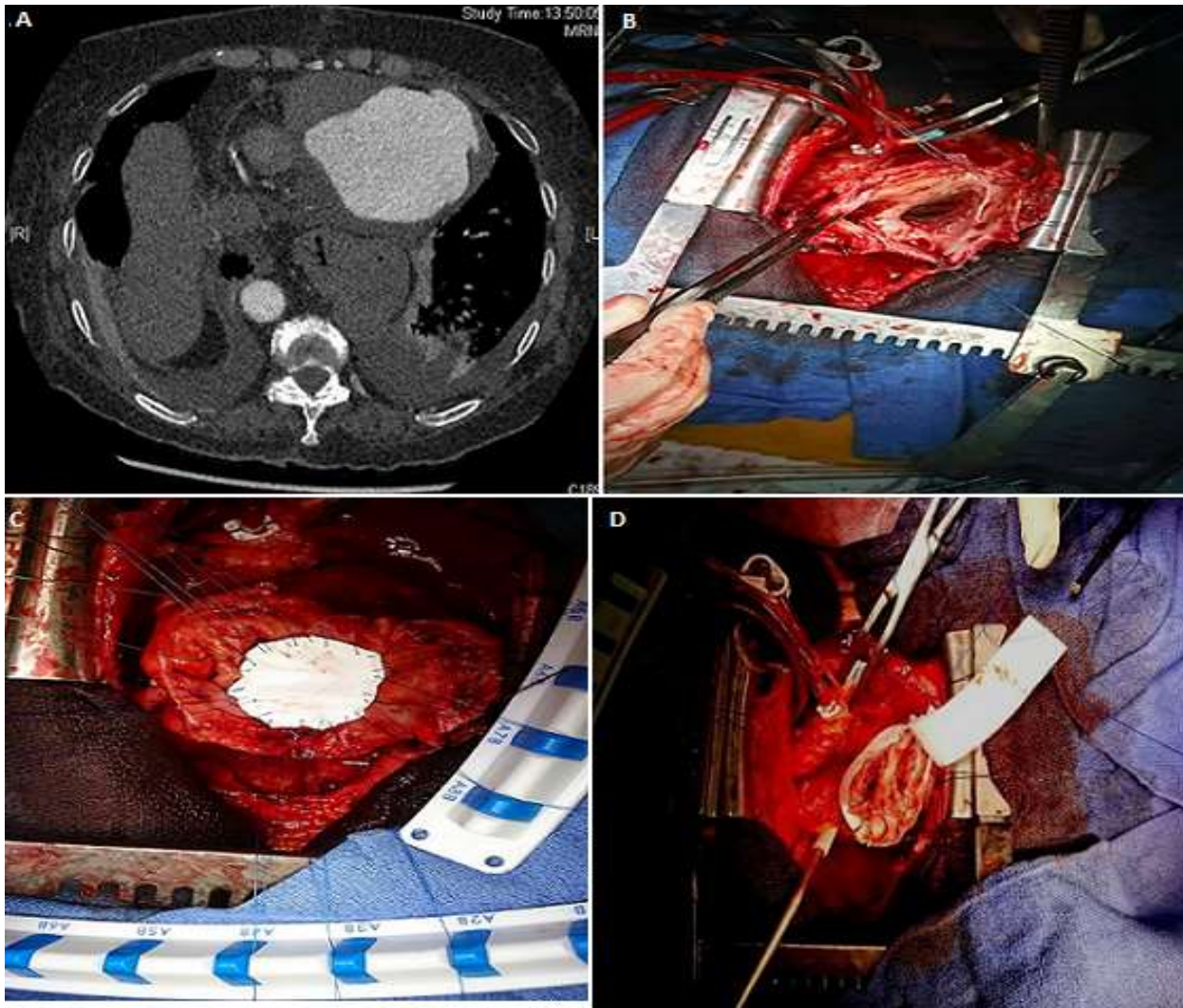


Figure 1: A) computed tomography showing a huge apical pseudoaneurysm of the left ventricle with extravasation of the radiocontrast agent in the pericardium; B) a perioperative view showing the apical pseudoaneurysm of the left ventricle; C) a perioperative view showing the closure of the defect by a Gore Tex patch; D) a perioperative view showing the closure of the remaining re-entries by Teflon felt support