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Images in cardio-thoracic surgery

Ruptured pseudoaneurysm with aorto-pulmonary shunt after aortic arch repair

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A 50-year-old female with Marfan syndrome was admitted for cardiogenic shock six years after composite graft and aortic arch replacement including en bloc reimplantation of the brachiocephalic vessels.

Findings: pseudoaneurysm of the aortic arch and ascending aorta from disconnection of brachiocephalic vessels and left coronary ostium with rupture into the left pulmonary artery (Fig. 1).



Fig. 1. CT-scan and 3D reconstruction showing pseudoaneurysm (arrow, *) penetrating into the left pulmonary artery (arrow).

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