Infected pulmonary artery aneurysms: CT imaging findings

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CT scan was performed for haemoptysis in a patient with Streptococcus viridans right-sided endocarditis. It revealed pulmonary embolism with typically infected pulmonary artery aneurysms (Figs. 1 and 2, Video 1 in supplementary data). The patient has made good clinical progress with intravenous antibiotics and percutaneous exclusion of the aneurysm with a covered stent.

Appendix A. Supplementary data


Fig. 1. CT pulmonary angiography (GE, LightSpeed VCT, Milwaukee, USA): volume-rendering image showing a giant aneurysm of the left main pulmonary artery.

Fig. 2. Panel A: extensive mural thrombus (*) in the giant aneurysm. Panel B: please note others smaller aneurysms grouped in cluster (arrow). RV: right ventricle, LV: left ventricle, PA: pulmonary artery, AA: ascending aorta, SVC: superior vena cava.