A 59-year-old woman presented with acute pulmonary embolism. A routine echocardiography showed pulmonary hypertension, right ventricular dysfunction and a mass floating in the left atrium (Fig. 1).

Numerous clots could also be removed from the left pulmonary artery (Fig. 2). An inferior vena cava filter was inserted post-operatively and the patient recovered uneventfully. At the 6 months follow-up visit, she was asymptomatic.