A 42 year-old man was admitted with the symptoms of chest pain, dyspnea and hoarseness. Radiographic findings revealed a cystic mass located in aortic window and having fluid, which contain milk of calcium, moving due to gravity (Fig. 1). Digital subtraction angiography showed, blocked blood flow beyond left main pulmonary artery and elongation of the aorta. The patient’s general condition improved after the removal of the mass. Pathologic examination revealed bronchogenic cyst.

Fig. 1. Cystic mass located in the visceral compartment of mediastinum contains milk of calcium. Pulmonary artery is compressed and left main bronchus is encircled by the mass. Pulmonary digital subtraction angiography showed the mass and no blood flowing beyond the left main pulmonary artery.