

Görüntülü olgu örnekleri

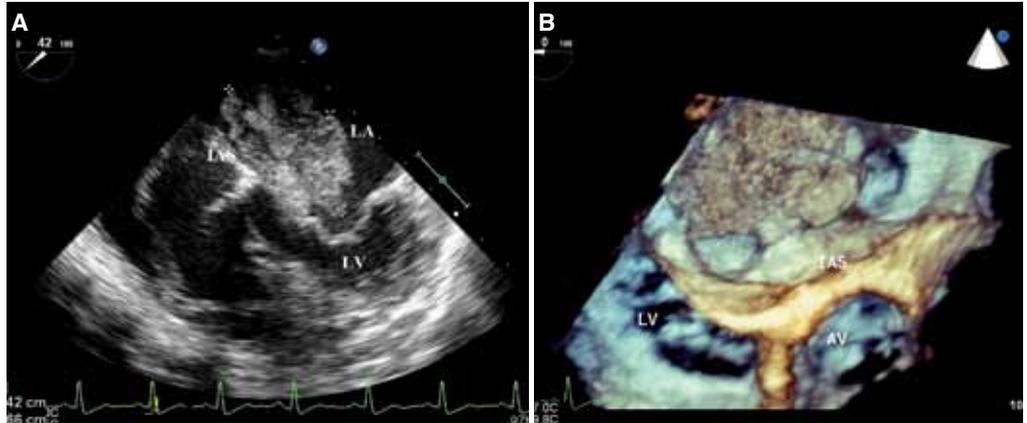
Case images

Left atrial myxoma demonstrated by real-time three-dimensional transesophageal echocardiography

Gerçek zamanlı üçboyutlu transözofageal ekokardiyografi ile gösterilen sol atriyum miksoması

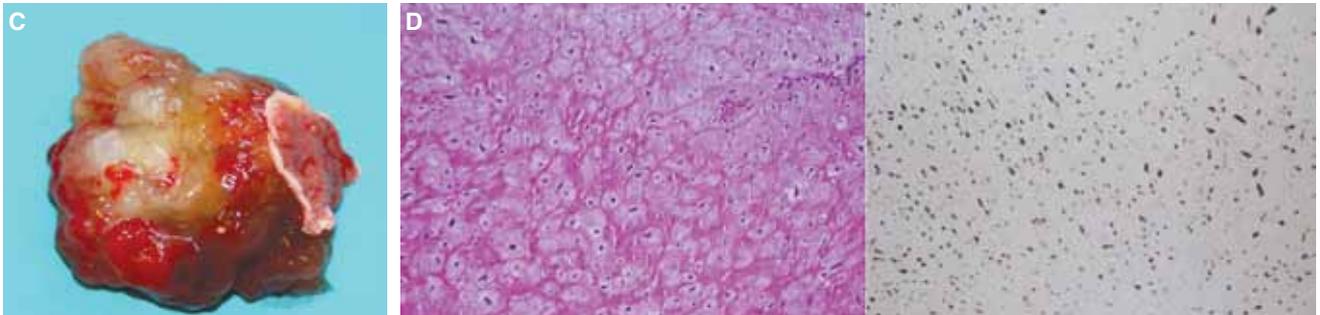
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A 49-year-old female presented with dyspnea. Two-dimensional transthoracic echocardiography showed normal ventricular systolic function, a large mobile left atrial mass protruding to the left ventricle (see supplementary video file 1)*, and mild mitral regurgitation with severely increased transmitral gradients. Estimated pulmonary artery systolic pressure was 60 mmHg. Findings of two-dimensional transesophageal echocardiography and transthoracic echocardiography were similar (Fig. A, Video file 2)*. Real-time three-dimensional trans-

esophageal echocardiography (3D TEE) with en face visualization clearly depicted a left atrial mass attached by a pedicle to the lower and posterior sites of the interatrial septum (Fig. B, Video file 3). The patient was referred for surgical excision. The tumor was found to be identical to the appearance on real-time 3D TEE. It was removed together with a small portion of the atrial wall. Macroscopically, the mass had a gelatinous appearance and a lobulated surface (Fig. C). Histological findings were consistent with a cardiac myxoma (Fig. D). The postoperative course was uneventful and the patient was discharged on the fifth postoperative day.



Figures. (A) Two-dimensional transesophageal echocardiography showing a large mobile left atrial mass protruding to the left ventricle, 4.6x2.4 cm in size (video files 1, 2). (B) Real-time three-dimensional transesophageal echocardiography showing a left atrial mass attached by a pedicle (arrow) to the lower and posterior sites of the interatrial septum (video file 3). (C) Macroscopic view of the mass. (D) Histologically, the tumor was composed of scattered cells within a mucopolysaccharide stroma (left panel, H-E staining) and was positive for calretinin staining (right panel) consistent with the diagnosis of myxoma. LA: Left atrium; IAS: Interatrial septum; LV: Left ventricle; AV: Aortic valve. *Supplementary video files associated with this article can be found in the online version.