Large Left Atrial Myxoma

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Clinical image description

A 62-year old woman presented with recurrent attacks of fainting to neurology department at the Azadi Teaching Hospital in Duhok, Iraqi Kurdistan for the previous two month. She had no remarkable history of medical or surgical conditions. The physical examination revealed sinus rhythm of 82 beats per minute. The findings on cardiovascular examination were consistent with loudness of first heart sound and mid diastolic rumbling murmur of mitral valve stenosis heard on left lateral position at the apex. Transthoracic echocardiographic examination confirmed a large solitary left atrial mass pedunculated from the interatrial septum, prolapsed into the left ventricle with each cardiac circle, and occluded the mitral orifice, which was thought likely to be a myxoma (Figure 1 & video in supplementary file). The obstruction of the mitral valve by the large prolapsed mass led to severe dizziness and faints experienced by the patient. The patient underwent surgery, which confirmed the mass to be a large myxoma and the patient had an uneventful recovery.

Figure 1: Image of large left atrial myxoma.