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Giant Left Atrial Myxoma Revealed by Syncopal Attacks

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A 20-year-old woman was admitted to our hospital for three syncopal attacks that occurred the day before her admission. She reported a similar episode that had occurred a month before. Physical examination revealed a diastolic mitral murmur with no other abnormalities. Electrocardiography was normal with a sinus rhythm at 70 bpm. A transthoracic echocardiography was performed and showed a huge oblong mass implanted on the posterior wall of the left atrium which prolapsed into the ventricle through the mitral valve resulting in its subtotal obstruction (Figure 1). At this time of the examination the patient presented several repetitive syncopal attacks. She was urgently transferred to the intensive care unit of cardiology and operated immediately. The surgical report showed a pedicular mass at the posterior wall of the left atrium, which measures 6*3 cm. Macroscopic inspection showed a solid texture, with a midline area of strangulation due to mitral valve closure (Figure 2). The anatomopathological study confirmed the diagnosis of myxoma. The postoperative course was uneventful.

Author contribution
Conception and design of Study: NEHS, YS, FZEH, MC; Acquisition of data: NEHS, YS; Research investigation and analysis: NEHS, FZEH Drafting of manuscript: NEHS; Supervision of the research: FZEH, MC.