Mitral Valve Myxome

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A 30-year-old man with a history of ischemic cerebrovascular accident 3 years previously was admitted to our hospital because of sudden onset of aphasia. A brain magnetic resonance imaging showed a subacute lacunar infarction. A transthoracic echocardiogram (Picture 1) revealed a spherical mass (8×8 mm) anchored on the atrial surface of the anterior leaflet of the mitral valve, compatible with myxoma or fibroelastoma, and causing mitral regurgitation.

The patient underwent surgery and the mass with myxoid appearance and a narrow pedicle anchored on the anterior leaflet of the mitral valve was observed (Picture 2). The mass with the pedicle was resected without requiring mitral valve leaflet repair (Picture 3). An intraoperative transesophageal echocardiogram ruled out residual mitral regurgitation. The histopathology study of the mass confirmed the diagnosis of myxoma. The patient was discharged 4 days after surgery and remains asymptomatic and without evidence of recurrence at 12 months after surgery.

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