Obstructive mass in pulmonary artery

Luis A. García Nielsen, Zuheir Kabbani, Ramiro de la Llana Ducrós, Rafael Llorens

Interventional Cardiology Service, Grupo Hospiten, Tenerife, Spain
Cardiovascular Surgery, Hospital Universitario de Canarias (HUC), Tenerife, Spain
Cardiovascular Surgery Service, Hospiten Group, Tenerife, Spain

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A 62-year-old woman was admitted with syncope. A magnetic resonance imaging showed a 6-cm × 3-cm mass on the pulmonary valve leaflet (Fig. 1). A 90 mmHg pressure gradient was found (Fig. 2). Angiogram revealed a severely calcified, mobile mass (Fig. 2, Videos 1 and 2), which was treated surgically. On histopathology analysis, a papillary fibro-elastoma diagnosis was confirmed.

Fig. 1. Shows a 6 cm by 3 cm mass on the pulmonary valve leaflet at magnetic resonance image.

Fig. 2. Shows a big mass on the pulmonary valve leaflet, severely calcified, mobile with no contrast enhancement (no contrast filling) and limited edges (A and B). The small picture shows a 65 mmHg pressure gradient between right ventricle and pulmonary artery (C).

Appendix A. Supplementary data

Supplementary data associated with this article can be found, in the online version, at doi:10.1016/j.ejcts.2009.05.024.