Medicina Intensiva 49 (2025) 502132

medicina intensiva

http://www.medintensiva.org/en/

IMAGES IN INTENSIVE MEDICINE

Cytoreductive surgery for cardiac sarcoma

Cirugía citorreductora en el sarcoma cardiaco

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Available online 30 January 2025

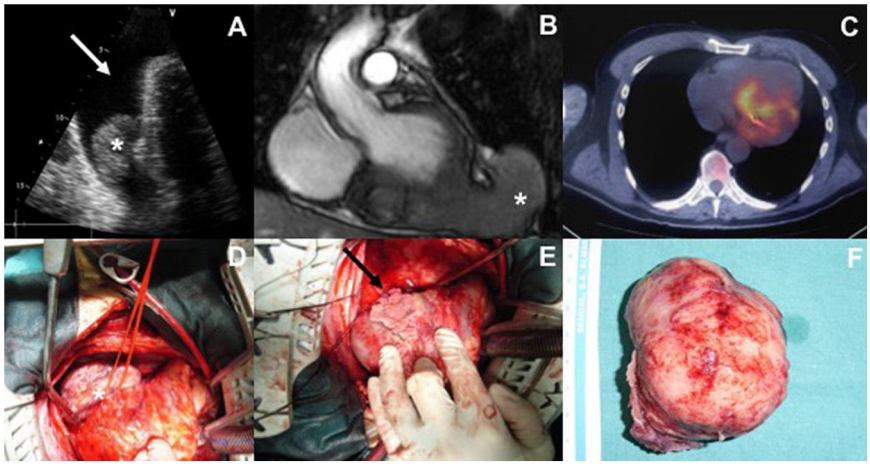

Figure 1

A 59-year-old male was referred to our center due to cardiac tamponade (Fig. 1A, arrow), and pericardiocentesis was performed. Echocardiography revealed a mass in the posteroinferior region of the left ventricle (LV) ($3.3 \times 7.1 \times 3$ cm) (Fig. 1A, asterisk), which was confirmed by CT (Fig. 1B, asterisk). The PET scan showed no tumor spread (Fig. 1C). At surgery, a large (8 cm) pediculate (25 mm) encapsulated tumor was observed, infiltrating the diaphragmatic wall of the LV (Fig. 1D, asterisk). Complete resection was performed, with pericardial patch reconstruction of the wall (Fig. 1F, arrow E). The pathology report indicated a sarcomatoid pericardial mesothelioma. Sarcomas are the most common primary cardiac malignancies. Complete resection is essential to reduce obstructive symptoms and improve curative intent, increase patient life expectancy and reduce recurrence with the administration of adjuvant therapy.

DOI of original article: https://doi.org/10.1016/j.medin.2024.502132
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https://doi.org/10.1016/j.medine.2025.502132

Funding

This research received no external funding.

Declaration of Generative AI and AI-assisted technologies in the writing process

The authors declare that no artificial intelligence was used in the preparation of the manuscript.

Declaration of competing interest

The authors declare that they have no conflicts of interest.