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Clinical Image

A Big Heart! Or Not?*

Cardiomegalia, ¿o no?

Margarida Torres Redondo, a,* João Maciel, Pedro Bastos D

- ^a Pulmonology Department, Centro Hospitalar de São João, Porto, Portugal
- ^b Cardiothoracic Surgery Department, Centro Hospitalar de São João, Porto, Portugal

A 39-year-old Caucasian woman, former smoker (6 pack-years), was referred to the outpatient clinic with an abnormal chest X-ray that revealed a large opacity obscuring the heart border (silhouette sign), as shown in Fig. 1. Chest tomography was performed and showed a large mass occupying much of the thoracic cavity. Histological evaluation of the lesion revealed findings that suggested

a thymoma. Magnetic resonance imaging revealed no invasion of neighbouring structures. The patient underwent a bilateral thoracotomy, with excision of a 3.9 kg thymolipoma. The chest X-ray performed after the surgery, as shown in the image, revealed complete expansion of both lungs.

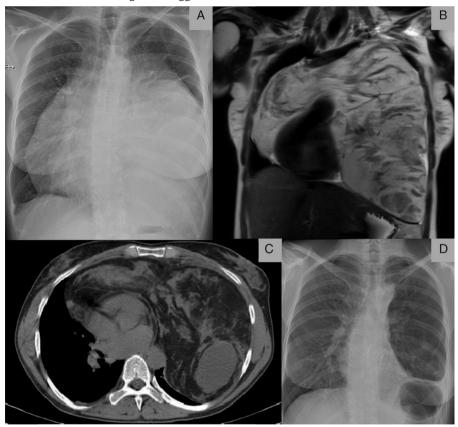


Fig. 1. (A) Chest X-ray (posteroanterior) revealed a large opacity obscuring the heart border (silhouette sign). (B and C) Chest MRI and CT showing a large heterogeneous mass overlying the heart. (D) Chest X-ray (posteroanterior) after surgical excision showing lung expansion.

E-mail address: margarida.tredondo@gmail.com (M. Torres Redondo).

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^{*} Corresponding author.