

Giant Sternal Condrosarcoma

Augustin Pirvu, MD,* Oana Pop, MD,† Julie Villa, MD,‡ Linda Sakhri, MD,† and Anne Claire Toffart, MD†

A 57-year-old man, without any medical history, was referred to our department for a giant presternal mass (Fig.1). The tumor was known for 5 years. The computed tomography showed a heterogeneous structure, infiltrating the sternal insertions of both pectoralis major muscles (Fig 2). The Tc 90 whole body scintigraphy shows a single lesion in the middle of sternum.

After a negative search for metastasis, we performed a radical resection. The pathologic examination reveals a chondrosarcoma, with intense necrosis and hemorrhage. The tumor

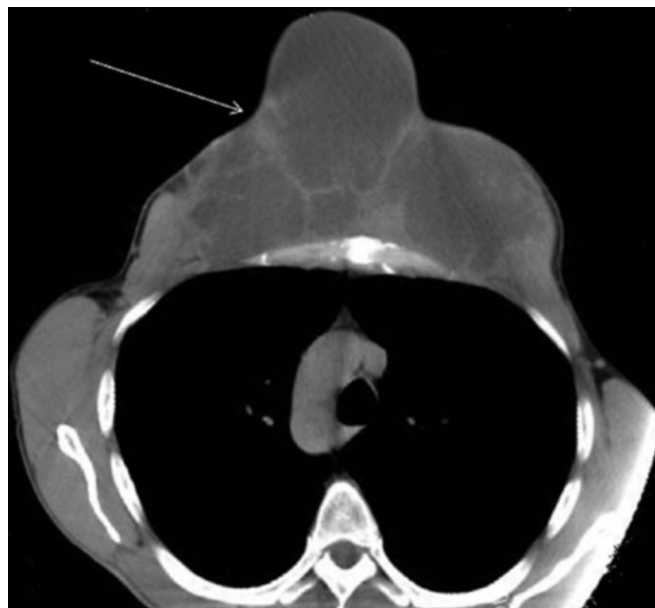


FIGURE 2. Computed tomography scan: bulky tumor mass in the presternal soft tissue with maximum diameter of 25.8/30.3 cm (arrow).

invades the cartilages and bone tissue of the sternum and of two adjacent ribs cartilages. The resection margins do not show signs of neoplastic infiltration. Today, the patient is without recurrence, 3 years after surgery. Chest wall tumors are complex conditions requiring a interdisciplinary discussion.¹

REFERENCE

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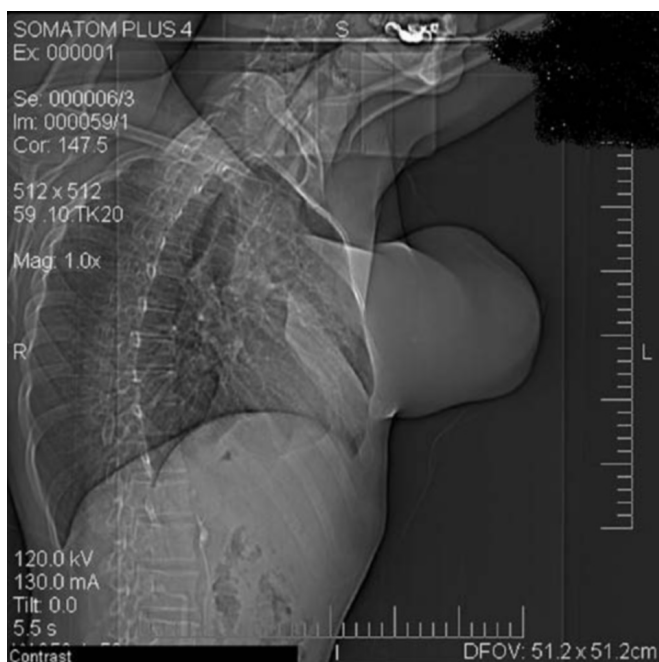


FIGURE 1. Computed tomography topogram of sternal mass.

Departments of *Thoracic, Vascular and Endocrine Surgery; †Oncology-Pneumology; ‡and Radiotherapy, University Hospital Grenoble, Grenoble, France. Disclosure: The authors declare no conflict of interest.

Address for correspondence: Augustin Pirvu, MD, Department of Thoracic, Vascular and Endocrine Surgery, University Hospital Grenoble, Grenoble Cedex 09, 38043 France. E-mail: pb_augustin@yahoo.com; apirvu@chu-grenoble.fr

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