

Anterior thoracic wall giant tumor – particular surgical procedure

C. Grozavu¹, A. Fera¹, M. Iliș¹, D. Marin¹, D. Pantile¹, C. Dabelea²

¹Department of Thoracic Surgery, University Emergency Military Hospital, Bucharest, Romania

²Thoracic Surgery Department, “Sf. Ioan” Emergency Hospital, Bucharest, Romania

Abstract

We describe the case of a 39 years old male known with an anterior thoracic traumatism in 1993 who observed an anterior thoracic wall tumor since 2000. After one and half year of empiric treatment the tumor starts growing very fast, reaching 30/40/35 cm by the date of his hospital admission (march 2003). Due to this accelerate growth and the size of the tumor the patient is proposed for a particular surgical procedure removing the tumor along with the anterior thoracic wall and the reconstruction using “spider web” technique, Thoratex® reinforced mesh and muscle flaps. This procedure had a good result, the patient returned to his anterior lifestyle few months after. The patient did not come for follow-up, although he was recommended to come every three months. Four years after surgery (2007) the patient came back with local recurrence of the tumor. In 2007 the patient underwent another surgical intervention, removing the tumor recurrence. Chest wall tumors are complex surgical conditions requiring complex treatment. The empiric treatment and the fact that the patient did not come as planned for follow-up, prolonged his sufferance, leading to a second surgical intervention.

Key words: sternal tumor, complex reconstruction, chondro-sarcoma

Corresponding author: Constantin Grozavu, MD

Department of Thoracic Surgery

University Emergency Military Hospital

Calea Plevnei, Sector 1, Bucuresti, Romania

Fax: +40 21 319 30 30.

E-mail: grozavuaxon@yahoo.com