

*Interesting Image / İlginç Görüntü***Multiple intercostal nerve sheath cysts located at costovertebral angle in bilateral hemithorax***Her iki hemotorakta kostovertebral açığı yerleşmiş çok sayıda interkostal sinir kılıfı kisti*Tevfik İlker Akçam¹ , Ayşe Gül Ergönül¹ , Önder Kavurmacı² , Kutsal Turhan¹ *Institution where the research was done:*
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Neurogenic tumors arising from nerve tissues may be located on the posterior mediastinum.^[1,2] This study presents the case of an asymptomatic male patient who presented with multiple bilateral mediastinal lesions of different sizes that were radiologically similar to neurogenic tumors. After a histopathological examination, the lesions were identified as “edematous nerve tissue”.

A 41-year-old asymptomatic male patient was evaluated by computed tomography prior to an appendectomy, revealing multiple bilateral, paravertebral, and uniformly limited lesions (Figure 1-d). The largest lesion was 3.4×2.2 cm and all lesions were found to have a cystic structure in magnetic resonance imaging (Figure 1e) and to be non-metabolic in positron emission tomography. Multiple cystic lesions, ranging in size from 1 cm to 4 cm and located at the 3-7 costal vertebral angles were detected on video-assisted thoracoscopic exploration of the right hemithorax (Figure 1f). Cyst fluid was aspirated and lesions with diameters of 3-cm and 4-cm were fully excised. Thoracic drainage was terminated on the third day and the patient was discharged. A histopathological examination revealed the cyst fluid to be benign, and the cysts, which were fully excised, were composed of edematous nerve tissue.

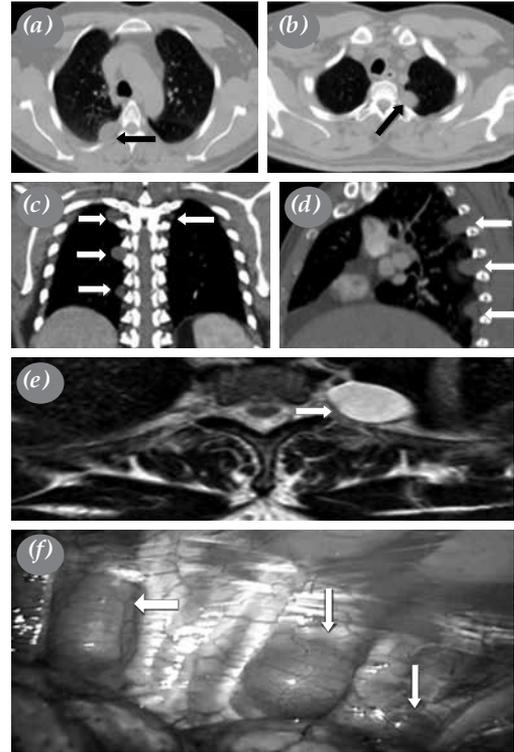


Figure 1. (a-d) Different computed tomographic images of the lesions. (e) Magnetic resonance imaging section. (f) Peroperative view.

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REFERENCES

1. Cansever L, Kocaturk CI, Cinar HU, Bedirhan MA. Benign posterior mediastinal neurogenic tumors: results of a comparative study into video-assisted thoracic surgery and thoracotomy (13 years' experience). Thorac Cardiovasc Surg 2010;58:473-5.
2. Topdağ S, Cangel U, Korkmaz AA, Kaynak MK, Beşirli K, Bozkurt K, et al. Dumbbell neurogenic tumors of posterior mediastinum. Turk Gogus Kalp Dama 1999;7:63-6.