

Supraclavicular thoracic duct cyst

Supraklaviküler torasik kanal kisti

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The thoracic duct cysts located in the supraclavicular region are very rare masses, the etiology of which is not completely known. This article presents the clinical follow-up of a 35-year-old male patient diagnosed with thoracic duct cyst situated in the left supraclavicular region and the patient's condition is discussed in line with literature. The patient admitted to our clinic with a complaint of a mass in the left supraclavicular region that had appeared six months ago and that had been increasingly growing. A cyst excision under general anesthesia was performed to the patient who was pre-diagnosed with thoracic duct cyst following the radiological evaluation and the needle aspiration biopsy. There were no complications or a recurrence during the six months of postoperative follow-up.

Key Words: Cyst excision; supraclavicular region; thoracic duct cyst.

Supraklaviküler bölgede yerleşim gösteren torasik kanal kisti oluşum nedeni tam olarak bilinmeyen, çok nadir karşılaşılan bir kitledir. Bu yazıda, sol supraklaviküler bölgede yerleşim gösteren torasik kanal kisti tanısı konulan 35 yaşında bir erkek hastanın klinik takibi sunuldu ve literatür eşliğinde tartışıldı. Hasta, altı ay önce sol supraklaviküler bölgede ortaya çıkan ve giderek büyüyen kitle yakınması ile kliniğimize başvurdu. Radyolojik değerlendirme ve iğne aspirasyon biyopsisi sonrasında, torasik duktus kanal kisti ön tanısı konulan hastaya genel anestezi altında kist eksizyonu yapıldı. Altı aylık ameliyat sonrası takibinde komplikasyon ve nüks ile karşılaşılmadı.

Anahtar Sözcükler: Kist eksizyonu; supraklaviküler bölge; torasik duktus kisti.

Barlow and Gracey^[1] first defined the thoracic duct cyst in 1965. Subsequently, Wax and Treloar^[2] reported cyst cases in the mediastinal region that had similar characteristics to the thoracic duct cyst.^[2-4] The thoracic duct cyst or lymphocele is a cause of neck masses the pathogenesis of which is not totally known and it is found in the mediastinal or supraclavicular region giving way to local symptoms.^[1,5] While needle aspiration, microscopic evaluation of the cystic fluid, and radiological imaging results increase the suspicion of the existence of a thoracic duct cyst, the excision

of the cyst and its histopathological analysis affirm the diagnosis.

CASE REPORT

A 35-year-old male patient presented to our ear, nose, and throat clinic with a complaint of a gradually growing, painless mass in the left supraclavicular region for the last six months. The patient had no history of neck surgery or trauma, or symptoms like dyspnea or dysphagia.

The physical examination revealed a mass of about 6x4x5 cm in the left supraclavicular region.