ELASTOFIBROMA DORSI: CLINICAL EVALUATION OF 61 CASES AND REVIEW OF THE LITERATURE

Abstract ID : 1277
Submitted by : mehmet ali deveci the 2016-02-14 12:12:20
Category : Others
Typology : Poster
Status : Validated
Authorisation to disclose : Yes/Oui

-------------------------------------

Abstract
Introduction: Elastofibroma dorsi (ED) is a rare, benign soft tissue tumor typically located between the inferior corner of the scapula and the posterior chest wall causing mass, scapular snapping and pain. With the classical symptoms and localization it is diagnosed without biopsy and treated with marginal resection.
Objectives: This study retrospectively analyzed the patients operated due to ED to evaluate the presenting symptoms, tumor size, complications, and clinical results and to suggest optimum treatments.
Materials and Method: This study included 51 patients operated due to ED in 2 different clinics between 2005 and 2015. The patients' age, gender, side, symptoms, average duration of symptoms, tumor sizes, and professions were investigated. The radiological examinations of the patients were evaluated. The patients with lesions bigger than 5 cm were operated. The postoperative complications, recurrences, and functional results were evaluated using Constant score.
Results: A total of 61 operated lesions of 51 patients clinically and radiologically diagnosed with ED were retrospectively evaluated. The average symptom time was 11.21 months. The lesion of 19 (37.2%) patients was bilateral. However, 10 of the symptomatic patients with lesions bigger than 5 cm were operated. The average lesion diameter was 8.7 cm. The average follow-up was 26.89 months. The Constant score was 67.28 before operation and raised to 92.88 (p < 0.05). Seroma and hematoma were observed in 11.5% of the patients.
Conclusion: Generally, good clinical results can be obtained with marginal resection without requiring a biopsy, considering the classical complaints and radiological appearance of ED.

-------------------------------------

Keywords : Key words:, Elastofibroma dorsi, marginal resection, complications
Authors :
References : , , ,

Authors

Mehmet Ali Deveci 1, Serdar Özbarlas 1, K?v?lc?m Eren Ate? 2, Sunkar Biçer 1, Mustafa Tekin 1, Cenk Özkan 1,
1. Department of Orthopaedics and Traumatology, Çukurova University Faculty of Medicine, Adana, TURKEY
2. Department of Pathology, Çukurova University Faculty of Medicine, Adana, TURKEY

Authors (raw format)

Deveci Mehmet Ali - email : drmehmetali@hotmail.com Institution : Çukurova University Faculty of Medicine Department : Department of Orthopaedics and Traumatology City : Adana Country : TURKEY Speaker : Yes
Özbarlas Serdar - email : serdarozbarlas@gmail.com Institution : Çukurova University Faculty of Medicine Department : Department of Orthopaedics and Traumatology City : Adana Country : TURKEY Speaker : No
Biçer Sunkar - email : omersunkar@yahoo.com Institution : Çukurova University Faculty of Medicine Department : Department of Orthopaedics and Traumatology City : Adana Country : TURKEY Speaker : No
Tekin Mustafa - email : tekinnm@cu.edu.tr Institution : Çukurova University Faculty of Medicine Department : Department of Orthopaedics and Traumatology City : Adana Country : TURKEY Speaker : No
Özkan Cenk - email : cenkozkan@gmail.com Institution : Çukurova University Faculty of Medicine Department : Department of Orthopaedics and Traumatology City : Adana Country : TURKEY Speaker : No