

The Giant cell tumor of the tendon sheath (GCTTS) in a pediatric patient: case report

Yuri Igor López Carrera¹, José Manuel Aguilar Priego¹, Monica Nayeli Madrazo Moya¹,
Fernanda Alicia Baldeón Figueroa¹, and Sandra Alicia Cerón Sánchez¹

¹Hospital Angeles Puebla

May 16, 2022

Abstract

Giant cell tumor of the tendon sheath is a rare benign neoplasia, which has variable clinical presentations, the localized and the diffuse forms. It is the second most common soft tissue tumor of the hand region in grown up population, therefore its presence in children is extraordinary.

Hosted file

The_Giant_cell_tumor_of_the_tendon_sheath_(GCTTS)_in_a_pediatric_patient.docx available at
<https://authorea.com/users/483016/articles/569330-the-giant-cell-tumor-of-the-tendon-sheath-gctts-in-a-pediatric-patient-case-report>



Figure 1. localized dermatosis in the upper extremity which affects the proximal interphalangeal of the 5th finger of the right hand which showed a violaceous pigmentation of the skin, the dermatosis involves a subcutaneous neoformation with a soft consistency which seem to be attached to deep layers



Figure 2. Surgical approach to achieve the total resection of the tumor, after its removal the anatopatological exam conclude it was indeed a of Giant cell tumor of the tendon sheath (GCTTS).

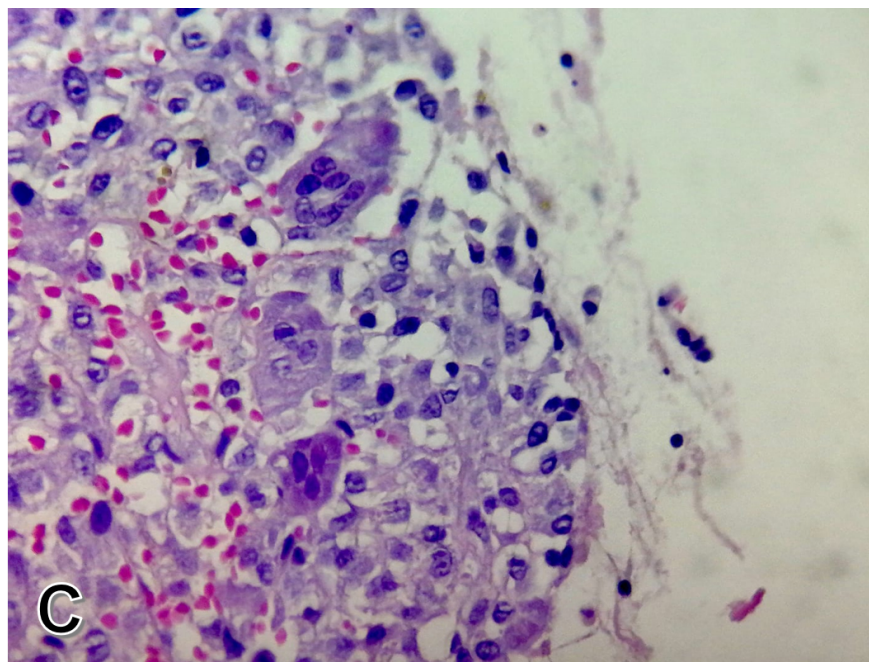


Figure 3 Tenosynovial giant cell tumor, localized type. C) Osteoclast-like giant cells. Immunohistochemical.

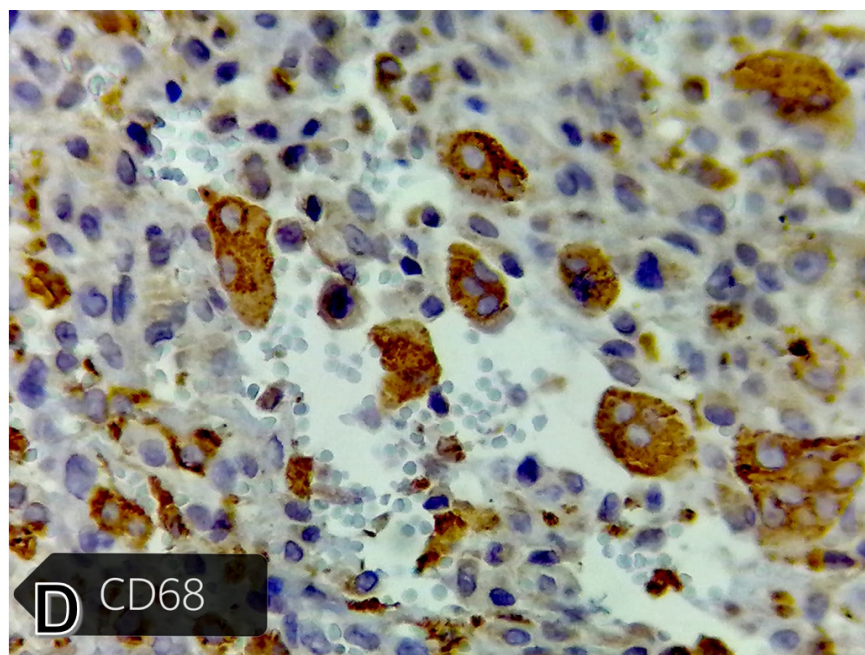
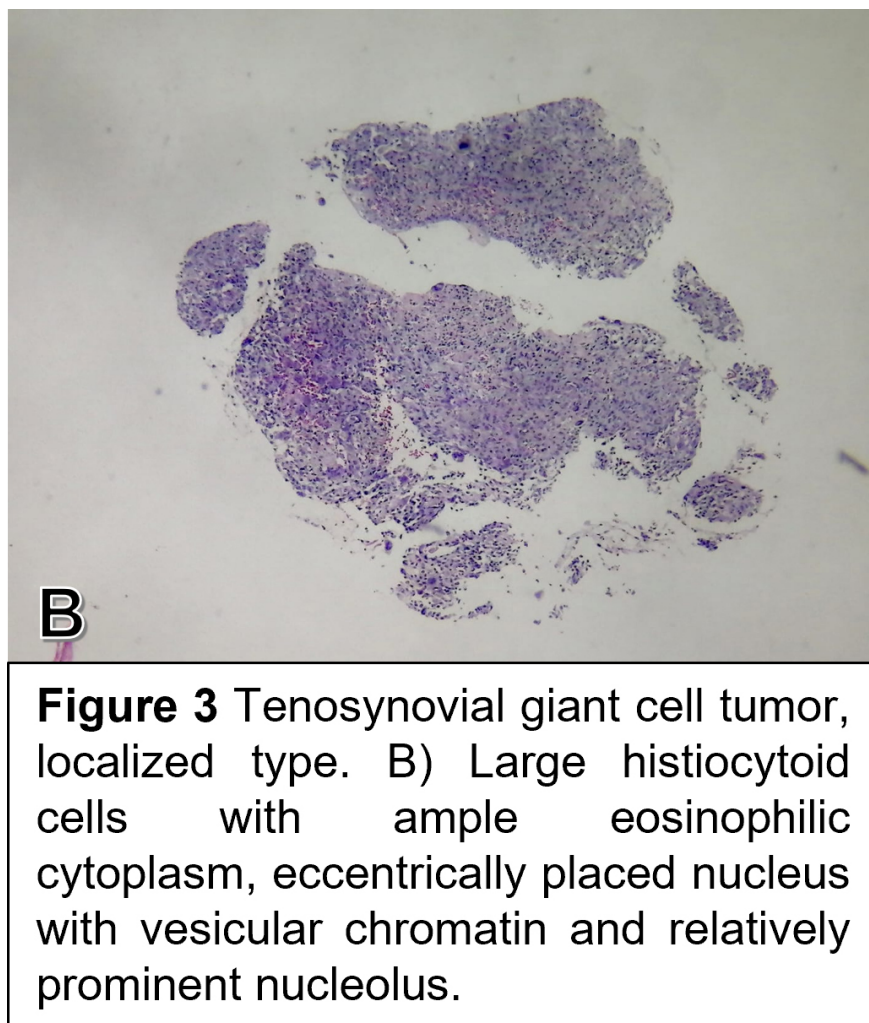


Figure 3 Tenosynovial giant cell tumor, localized type. D) Study showing positivity for CD68.



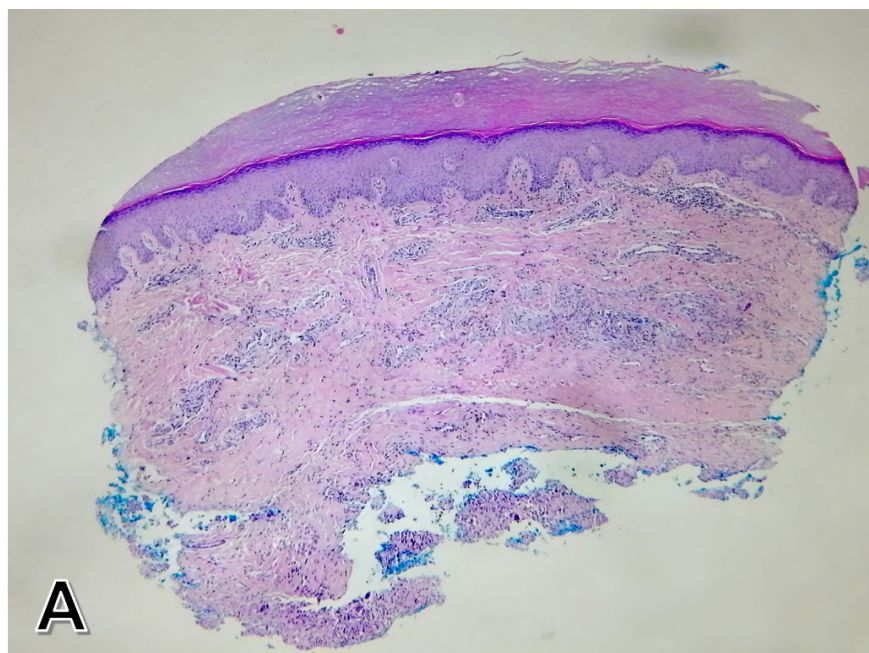


Figure 3 Tenosynovial giant cell tumor, localized type. A) Skin biopsy, multifragmented, neoplasm composed of polymorphous cell population with variable proportions..