INTRODUCTION

Lipomas of the hand represent only 5% of benign tumors of this region shall be defined as giant when its diameter is over 5 cm. The tumor progresses slowly being painless.

Deep giant lipomas are rarest. Epidermal inclusion cyst is a lesion that rarely occurs in hairless areas. Its potential location in the palm was mentioned in just a few studies. Nail bed solitary neurofibroma is an extremely rare tumor, with Only 9 cases recorded in the literature so far.

MATERIAL AND METHODS

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<th>Hand lipomas</th>
<th>Epidermal inclusion cyst</th>
<th>Subungual neurofibroma</th>
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<tr>
<td>7 cases</td>
<td>2 cases</td>
<td>1 case</td>
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Retrospective study on 10 patients:
- 7 cases of lipoma: localized in the thenar eminence in 6 cases and mid-palm region in 1 case
- all tumors were over 5 cm (giant)
- the mid-palm one: 9.5/5/3.5 cm, with a weight of 137 grams

7 cases - predominantly adipous signal (hyper T1 and T2, hyposignal STIR).
MRI exam showed the presence of fine septa, irregularly distributed inside the tumor with discrete gangdohilia.

- 2 cases of epidermal inclusion cyst. The IRM exam oriented the diagnosis to a cystic formation, but the surgery and histopathological examination established the diagnosis of epidermal inclusion cyst. the fact that the tumor was overlying the median nerve, the differential diagnosis included a variety of other tumors (lipoma, hamartoma, ...).

- 1 case: nail bed neurofibroma.
  it was a nail bed tumor with bone deformities, in which the histopathological examination and immunohistochemistry (the presence of protein S100) confirmed the diagnosis of nail bed neurofibroma tumor. This tumor is reported in approximately 10 cases in the literature.

SURGERY

In all our cases, the treatment consisted in surgery with complete excision of the lesions.

In all cases the histopathological aspects confirm the diagnosis

S 100 + - confirm the neurofibroma of the nail bed

RESULTS

- all the cases - the ablation of tumors was performed with good results
- without relapse in the case of nail bed neurofibroma and lipomas.

Socio-professional reintegration was complete and fast, functional and aesthetic results were very good. The patients rated the results with "good" and "very good" in one interview.

CONCLUSIONS

In the presence of a tumor in the hand we have to think about the possibility of a lipoma or an epidermal inclusion cyst, even though their localisation at this level is rare and very rare.

In front of a nail bed tumor, we should not forget the diagnosis of a neurofibroma that can be added to the 10 cases reported so far.

Bibliography