Bilateral superficial angiomyxomas of lower limbs: Unique presentation of a benign cutaneous tumor

P. Gaspar da Costa, L. Lêdo, S. Braz, A. Teixeira, L. Soares-de-Almeida, J. Meneses Santos

ABSTRACT

Abstract is not required for Clinical Images
CASE REPORT

A 93-year-old female presented with painless grouped cutaneous nodules and tumors, ranging from 0.5–3 cm in diameter (Figure 1), which had slowly developed over the last five years. Examination revealed multiple firm, non-tender lobulated nodular lesions, varying from flesh-colored to erythematous, symmetrically distributed over the dorsal face of all toes and the dorsal face of both feet. A 6-mm skin punch biopsy was performed and showed poorly circumscribed myxoid dermal nodules containing a few of bland spindle-cells (Figure 2A–B), mucin deposits (Figure 2C) and small blood vessels (Figure 2D), without inflammatory cell infiltrate. These findings were consistent with the diagnosis of superficial angiomyxoma. Tumor resection was not proposed because of lesions extension and no other treatment was performed.

DISCUSSION

Superficial angiomyxoma is a rare benign cutaneous tumor that affects patients of all ages, with a peak incidence in 4th and 5th decades, and has a slight predilection for males [1, 2]. First reported by Allen et al. in 1988 it is usually reported as a solitary skin nodule, papule or polypoid lesion under 5 cm in diameter, most commonly presenting on the trunk, followed by the lower limbs and, finally, the head, neck and the upper limbs.
Superficial angiomyxoma with unusual location such as the oral cavity mucosa and external genitalia and subungual neoplasms have also been reported [2, 3].

Histologically, lesions are described as well circumscribed dermal tumors with an abundant mucinous stroma, spindle-shaped and/or stellate cells and a prominent vascular pattern with multiple small to medium-sized thin-walled vessels. A sparse to moderate mixed inflammatory infiltrate is usually present within the myxoid matrix.

The myxomas described in the Carney complex are very similar to superficial angiomyxomas [4]. Their recognition is important because it can be the first manifestation of the syndrome. The patient had neither lentigines on the face, nor signs of endocrine overactivity.

Treatment consists of surgical excision. We did not find in literature any alternative therapy to surgical resection. These tumors are not known to metastasize. However, they have a 30–40% local recurrence rate mainly after incomplete excision [1, 2].

CONCLUSION

Multiple superficial angiomyxoma is a very rare occurrence. To the best of our knowledge, there is no similar case, as the one reported here, described in the English literature. The dimension of the tumors and their symmetrical distribution on the lower limbs make this case a unique superficial angiomyxoma.

Keywords: Angiomyxoma, Cutaneous tumor, Superficial angiomyxoma

REFERENCES


Edorium Journals: An introduction

Edorium Journals Team

About Edorium Journals
Edorium Journals is a publisher of high-quality, open access, international scholarly journals covering subjects in basic sciences and clinical specialties and subspecialties.

Invitation for article submission
We sincerely invite you to submit your valuable research for publication to Edorium Journals.

But why should you publish with Edorium Journals?
In less than 10 words - we give you what no one does.

Vision of being the best
We have the vision of making our journals the best and the most authoritative journals in their respective specialties. We are working towards this goal every day of every week of every month of every year.

Exceptional services
We care for you, your work and your time. Our efficient, personalized and courteous services are a testimony to this.

Editorial Review
All manuscripts submitted to Edorium Journals undergo pre-processing review, first editorial review, peer review, second editorial review and finally third editorial review.

Peer Review
All manuscripts submitted to Edorium Journals undergo anonymous, double-blind, external peer review.

Early View version
Early View version of your manuscript will be published in the journal within 72 hours of final acceptance.

Manuscript status
From submission to publication of your article you will get regular updates (minimum six times) about status of your manuscripts directly in your email.

Our Commitment

Six weeks
You will get first decision on your manuscript within six weeks (42 days) of submission. If we fail to honor this by even one day, we will publish your manuscript free of charge.*

Four weeks
After we receive page proofs, your manuscript will be published in the journal within four weeks (31 days). If we fail to honor this by even one day, we will publish your manuscript free of charge and refund you the full article publication charges you paid for your manuscript.*

Favored Author program
One email is all it takes to become our favored author. You will not only get fee waivers but also get information and insights about scholarly publishing.

Institutional Membership program
Join our Institutional Memberships program and help scholars from your institute make their research accessible to all and save thousands of dollars in fees make their research accessible to all.

Our presence
We have some of the best designed publication formats. Our websites are very user friendly and enable you to do your work very easily with no hassle.

Something more...
We request you to have a look at our website to know more about us and our services.

* Terms and condition apply. Please see Edorium Journals website for more information.

We welcome you to interact with us, share with us, join us and of course publish with us.

CONNECT WITH US

Edorium Journals: On Web
Browse Journals

This page is not a part of the published article. This page is an introduction to Edorium Journals and the publication services.