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RESEARCH ARTICLE

CONJUNCTIVAL DERMOLIPOMA

Kamelia Rifai, Salma Moutamani and Lalla Ouafa Cherkaoui

Department A of Ophthalmology, Mohammed V University Souissi, Rabat, Morocco.

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Abstract

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Introduction:-

Case Report:

Dermolipoma is an ectopic skin formation, it's a conjunctival lesion composed of adipose tissue and dense connective tissue that develops at the level of the fornix of the external canthus. Such choristomas of dermal elements are normally found at the outer canthus and have a gelatinous appearance. Classically, there is an indistinct posterior border and a well-demarcated anterior border several millimeters posterior to the limbus. Histologically, a lipodermoid is adipose tissue covered by connective tissue while a dermoid is comprised of collagen connective tissue covered by epidermal epithelium[1].

If the dermoid or dermolipoma is accompanied by other systemic conditions or ocular anomalies in young children, Goldenhar syndrome needs to be ruled out. This paper reports a unilateral conjunctival dermolipoma in a healthy male child[2].

Dermolipoma surgery is not without its dangers, there is essentially a risk of injuring the lateral rectus muscle and the levator muscle of the upper eyelid; because there is no cleavage plane between the lesion and the adjacent normal tissues to which it adheres. The anterior surface of the dermolipoma is inseparable from the temporal bulbar conjunctiva. Its posterior surface is adjacent to the lateral rectus muscle and may extend upward to the levator-Müller complex of the upper eyelid and to the lacrimal gland.

We report the case of a 2-years-old with who presented painless swelling in the lateral aspect of the left eye since birth. He had no visual disturbances. He had no documented history of infection, trauma, or surgery to the orbit or adjacent skin. On examination, the nonmobile, non-tender lesion was located in the temporal aspect of the left eye (figure1) It could not be repositioned into the orbit. There was no associated feature of surrounding inflammation. The other eye did not show any finding. The child had undergone an orbital CT scan to eliminate orbital extension and clarify the relationship with the different ocular structures.

The main differential diagnoses are conjunctival cyst, Complex choristoma of the conjunctiva, and dermoid cyst.

Corresponding Author:- Kamelia Rifai

Address:- Department A of Ophthalmology, Mohammed V University Souissi, Rabat, Morocco.

The patient underwent surgical excision, the anatomico-pathological study confirmed the diagnosis of dermolipoma. The post-operative follow-up was simple.



Figure 1:- Dermolipoma.

Competing interest:

No potential conflict of interest relevant to this article was reported.

Authors' contributions:

All authors have contributed to redaction, verification, and correction of this work.

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