

Case Report

# Conjunctival botryomycoma: A case report

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## Abstract

The fleshy telangiectatic bud or pyogenic granuloma is a tumor-like lesion that develops from chronic inflammatory situations of the conjunctiva or the eyelid. The chalazion represents one of the most frequent of these situations. We report the case of a child who presented, after a chalazion, a pyogenic granuloma, treated by surgical removal.

## Introduction

Botryomycoma, also known as pyogenic granuloma or lobulated capillary hemangioma, is a benign tumor of vascular origin in the superficial dermis, but hypodermic and mucous forms have also been reported [1].

Conjunctival involvement is rare, it is typical of childhood [2], which occurs in the form of a benign inflammatory fibrovascular proliferation, often occurring at the level of the palpebral conjunctiva in reaction to an attack (chalazion or previous surgery) or trauma [3].

This conjunctival tumor remains painless, bright red in color with smooth surface bleeding easily, often pedunculated [4], of favorable evolution under topical anti-inflammatory treatment which can be attempted first, in case of incomplete regression, surgical excision is the treatment [5].

Argon laser treatment has not been shown to be effective on this type of tumor [6].

## Case report

We report the case of an 8-year-old child who presented to the consultation for a painless lump of the upper palpebral conjunctiva that bleeds when the eyelid rubs (Figure 1).

The patient reports a chalazion recurring in the same place more than 3 months ago and the visual acuity was 20/20 without correction, with no other associated signs.

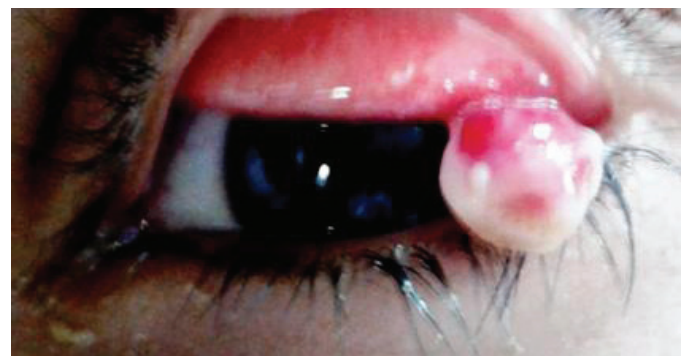


Figure 1: Pedunculate conjunctival tumor of the left upper eyelid in an 8-year-old child.



Figure 2: 48 h after surgical treatment.



We tried to take medication based on topical corticosteroid therapy, but without results, we then performed the surgical excision under local anesthesia.

The post-operative follow-up was without particularities (Figure 2) and without sign of recurrence at 6 months, and the pathology study did not show signs of malignancy.

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