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A Superimposed Lacrimal Point

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Clinical image description

A 47-year-old patient, without any particular pathologic antecedents was admitted to our hospital for a change in optical correction. On the biomicroscopic examination, we noticed two lacrimal meatus on the lower eyelid of the left eye (Figure 1). Verification of the lacrimal ducts demonstrates that the external point is functional and communicates with the lacrimal sac, while the second internal meatus is not communicating with the lacrimal sac. The rest of the clinical examination did not find any other congenital, ocular or systemic abnormalities.

Duplication of the punctum is most often asymptomatic. Abnormalities are usually located at the mucocutaneous junction of the medial lid, medial to the punctum. A complete duplication of the point is associated by a real lacrimal papilla around the orifice, with Horner's muscle necessary for its contraction. This is the case where the lacrimal point is functional. In contrast, the accessory punctum is most often non-functional.



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Figure 1: Biomicroscopic image of the left eye showing a double punctum on the lower eyelid.

Declaration of conflicting interests

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