

An unusual case of eyelid trauma by safety pin

Hassan moutei

Ophthalmologist

Hospital center university hassanll - fez

Bennis Ahmed

Assistant professor

Ophthalmology department - Hassan II University Hospital in Fez, Morocco

Fouad Chraibi

Professeur assistant

Ophthalmology department - Hassan II University Hospital in Fez, Morocco Fouad Chraibi

Meriemabdellaoui

professor

Hospital center university hassanll - fez

Idrissandaloussibenatiya

Professor

Hospital center university hassanll - fez

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The manuscripttext :

Ocular trauma is a public health problem, especially for children. The examination, performed gently, allows an initial assessment of the injury and the start of emergency treatment. Amblyopia dominates the prognosis and is a central argument to encourage prevention. (1)

We describe the case of a 12-year-old child, with no significant pathologic history, who presented to the ophthalmic emergency department for management of a right eye palpebral trauma by a safety pin. On admission, the child was calm, conscious, hemodynamically stable. The ophthalmological examination noted in the right eye: visual acuity was at 10: 10 without optical correction, the presence of a safety pin hooked at the external 1/3 of the inferior eyelid, which was difficult to remove, the eye movements were preserved, the examination of the anterior and posterior segment, as well as the examination of the left eye were without particularity. (Figure 1)

The child was taken to the operating block, under sedation, we gently extracted the safety pin without complication, objectifying the presence of superficial skin abrasions. We cleaned the wound with iodine without suturing and administered a tetanus vaccine.

We initiated systemic antibiotic therapy for seven days.

To the best of our knowledge, this is the first description of safety pin trauma. As described above, approached quickly and methodically, this impressive clinical picture is not necessarily accompanied by sequelae. (2)

Iconography

Reference

- [1]. Dureau P, De Laage De Meux P. Traumatologie oculaire chez l'enfant. Arch Pédiatrie. oct 2004;11(10):1258- 67.
- [2]. Weill Y, Drabkin E, Hanhart J, Brosh K. An unusual case of globe-sparing penetrating orbital injury by a nail. Oman J Ophthalmol. 2018;11(1):92- 3.



Figure 1:Photographic image showing inferior palpebral trauma of the right eye by a safety pin