

Abstract 415

OCULAR TRAUMA AND TIMELY TREATMENT: 2 CASE REVIEW

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Introduction:

Ocular trauma can cause tissue damage compromising visual function temporarily or permanently. The value of timely diagnosis and treatment can prevent complications and contribute greatly to visual recovery

Materials and methods:

To present 2 cases affected by open globe ocular trauma, of the penetrating type, regarding the time of treatment establishment, components of the trauma, primary wound closure, subsequent treatment and surgery of complications

Results:

Different scenarios are presented in the cases: a patient with intraocular foreign body of vegetal origin, significant delay in the primary wound closure, without topical treatment, attended and treated secondarily after a significant time had elapsed, with a very poor final visual acuity. Unlike the other case, without intraocular foreign body, attended immediately after the trauma, where a primary closure of the wound was performed and antibiotic and anti-inflammatory treatment was established, in addition to daily follow-up in consultation and repair of complications was performed at 2 weeks, with almost total repair of the same, better final visual prognosis.

Conclusions:

The differences between the cases, in addition to the mechanism of production, are also given by the difference in treatment times. Primary wound closure, adequate topical medication, diagnosis of associated complications, repair surgery and resolution of such complications, play a fundamental role in the final visual prognosis, and evidence the impact of a timely treatment.