

DIAGNOSTIC CONTROVERSIES IN OCULAR TRAUMA

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Introduction. Ocular trauma with small objects can unfortunately be overlooked leading to the development of sometimes serious complications with total loss of visual functions, one of which is metallosis. Post-traumatic lens reabsorption in elderly patients is rare, but it can still occur and unique cases are reported in the literature¹.

Aim: To describe a case of penetrating ocular trauma with an intraocular foreign body.

Materials and methods. Anamnestic, clinical and paraclinical data were taken from the medical record. The patient was investigated by biomicroscopy, orbits Rg, and USG-B scan OD.

Results: A male, 65 years old, was urgently hospitalized in the ophthalmology department of SCR "T.Mosneaga" with the following complaints: OD accentuated decrease of visual acuity, tearing, photophobia and Diagnosis OD Posttraumatic aphakia with remnants of lens capsule. Intraocular metallic foreign body. Secondary glaucoma: 6 months ago he suffered an ocular trauma (while cutting with an angle grinder he felt a sharp injury) at OD. When he was referred to an Ophthalmologist, ophthalmologic pathologies were not detected. After a follow-up visit to the local ophthalmologist after 6 months, the patient was urgently referred to the Ophthalmology Department of SCR "T.Mosneaga" with the diagnosis of lens dislocation in the vitreous body. During the examination, OF Posttraumatic Aphakia with fragments of the lens capsule. Intraocular metallic foreign body. Secondary glaucoma. Vitrectomy with removal of the CIS.

Conclusions. The patient's characteristic features of ocular trauma with suspicion of a foreign body require special attention with a detailed examination and functional diagnostic tests.

Complete spontaneous reabsorption of the injured lens is a rare phenomenon, but it may occur in persons of later adult age