

Abstract 175

IOFB REMOVAL: SCLERAL VS CORNEAL INCISION

El. Manhaly M.*

iCare eye hospital ~ Alexandria ~ Egypt

Introduction:

Intraocular foreign body injuries is one of the most common ocular injuries affecting the productive age group. Foreign bodies commonly resides in the posterior segment with associated comorbidities. So removal of the foreign body and repair of the associated pathology is mandatory for vision regain and prevention of long term sequela of neglected materials causing sedrosis and chalcosis. Different techniques were described regarding the removal of IOFB with minimal tissue injury. The presentation shows treated cases with scleral and corneal incisions to remove the IOFB safely.

Materials and methods:

Cases suffering metallic intraocular foreign body, subjected to pars plana vitrectomy and lens surgery to remove the foreign material, comparing the scleral approach versus the corneal approach.

Results:

Corneal approach for IOFB removal with combined phacovitrectomy seems to be less tissue traumatising and less associated operative complications.

Conclusions:

Intraocular foreign bodies are better removed from the corneal incision than the scleral tunnels, specially with large IOFB.