

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo
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Service (sector) Uveitis and AIDS N° CEP

Vitreoretinal surgery in Uveitis

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Purpose: Describe the vitreoretinal surgeries performed on patients from the Uveitis and AIDS Section.

Materials and methods: 11 eyes with uveitis, of 11 patients, had vitreous and/or retinal lesions or complications and underwent pars plana vitrectomy. The age of the patients ranged from 16 to 61 years, 6/5 males/females, and post-operative follow-up was from 11 months to 10 days. 5 eyes had complications of AIDS: 1 had vitreous opacification following ocular toxoplasmosis, and 4 eyes had rhegmatogenous retinal detachment following CMV retinal scars. The 6 remaining seronegative eyes presented: 5 with a rhegmatogenous retinal detachment following ocular toxoplasmosis and 1 with a rhegmatogenous retinal detachment following Behçet's disease

Results: 10 months of Follow-up revealed a primary anatomic success (attached retina and transparent media) in 6 cases. Redetachment occurred in 4 cases after primary surgery. Comparing pre operative and postoperative visual acuities, vision improved in 5 patients, remained the same in 3 patients and decreased in 3 patients.

Conclusions: Our 10 months of follow-up showed improvement in visual acuity in the majority of patients. Inflammation and fibrin formation occurred in 2 immunocompetent patients in the early postoperative period. Eyes operated early, with an encircling procedure and silicone oil implant, and also those with less complicated retinal detachments had fewer complications such as redetachment.