

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

**SCLERAL CHANGES IN PATIENTS WITH OCULAR TOXOPLASMOSIS
SUBMITTED TO PARS PLANA VITRECTOMY FOR RETINAL
DETACHMENT USING THE ULTRASOUND BIOMICROSCOPY (UBM)**

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Purpose: to evaluate the “pars plana” in patients submitted to posterior vitrectomy for retinal detachment and search for possible causes of redetachment using the UBM.. Methods: preoperative and post operative (1,3,6,9 and 12 months) UBM are performed on patients submitted to vitrectomy for retinal detachment secondary to toxoplasmosis. The pre and postoperative measurements were performed at 3.5 mm from the limbus on 10, 2 and 5 o’clock (OS) and 10, 2, and 7 o’clock (OD). Changes were coded as: a) scleral thickness unchanged, b) scleral thickness diminished. c) scleral thickness increased, d) anterior fibrovascular proliferation. Results: preoperative scleral thickness average was 0.350 mm and a slight reduction in thickness was observed on first post operative month but no plaque or neovascular net was found. Conclusion: Preliminary data does not show neovascularization on the sclerotomies. One year follow up data will be necessary for drawing more specific conclusions.