TRABECULECTOMY - SURGICAL TREATMENT FOR GLAUCOMA IN A DOG

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An eight year old Labrador presented to the Small Animal Ophthalmology Unit of Madras Veterinary College Teaching Hospital with history of hyphema, loss of vision after *Ehrlichia canis* infection. The ophthalmic examination revealed that intraocular pressure was increased and treated conservatively. After one month hyphema and intraocular pressure was increased. The thoracic radiograph, haematology and serum biochemistry results were normal. Filtration surgery was performed using a limbus-based approach, and flap was raised smoothly to nearly limbus on sclera. Sclera-corneal trabecular block was removed both with 11 size blade and scissors. Successful result was defined as resolution of leakage with no need for additional surgery, together with maintaining the intraocular pressure in the range of 15-25mmHg with anti-glaucoma medications. In conclusion, trabeculectomy decreased intraocular pressure in Labrador with glaucoma.