A New Modification Of Trabeculectomy To Prevent Early Scarring

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What is A successful Trab?
Why Failure?

What we know now?
Original Study

Excision of Tenon Capsule in Pediatric Trabeculectomy: A Controlled Study

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Purpose: To compare the results of trabeculectomy alone and combined with partial tenectomy in pediatric glaucoma patients.

Methods: This was a prospective, controlled, cohort study that included 64 eyes of 46 children younger than 12 years with uncontrolled glaucoma, who underwent trabeculectomy with mitomycin C in an institutional setting. Patients were randomized to undergo a nonexcision (group B) trabeculectomy for 24 months or twice with 95% operative success. The

The present study showed that excision of the Tenon capsule during trabeculectomy can help achieve better IOP control in the pediatric age group and reduce the number of glaucoma medications needed. In addition, it reduces the incidence of encapsulation of the bleb and the number of postoperative interventions.

Anti-Metabolite?
Mechanical Barrier against Tenon's regrowth
Surgical Basis Of Our Technique:

Tenonectomy
Conjunctival Graft to cover bare area
RESULTS?
Unpublished data
RESULTS?
Unpublished data

Take Home
Message

The technique doesn’t require complex surgical steps
We use patient’s own conjunctiva so there is no financial burden
Results are very promising
THANK YOU

مستشفيات جامعة أسيوط