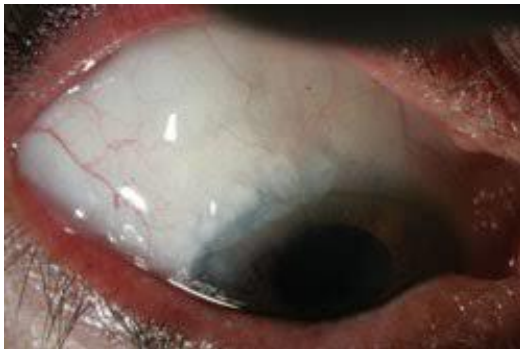


A New Modification Of Trabeculectomy To Prevent Early Scarring

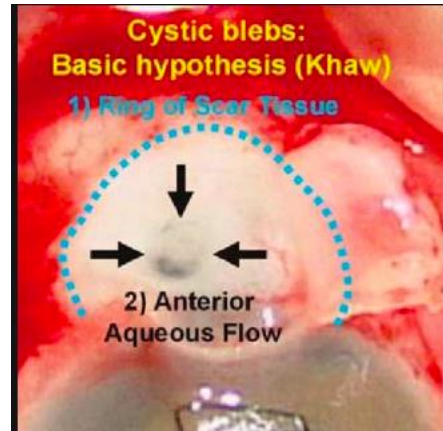
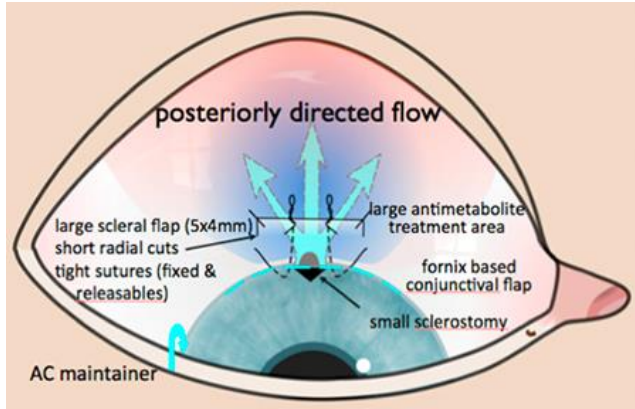
Mahmoud Rateb, MD
Assiut University
EGS 2019



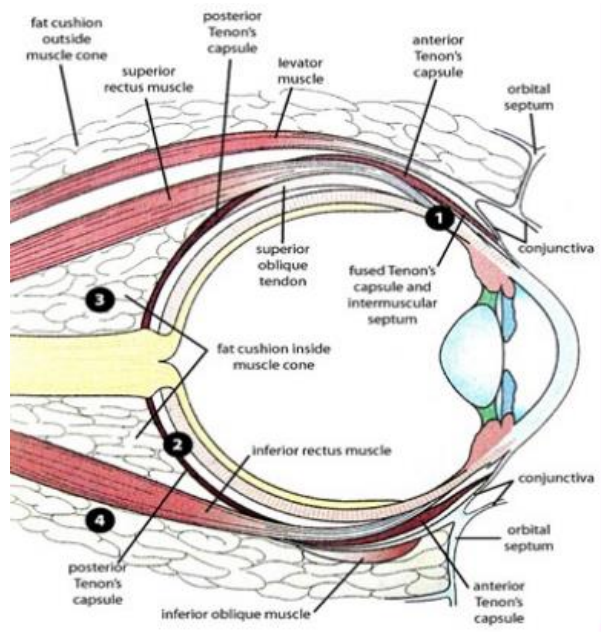
What is A successful Trab?



Why Failure?

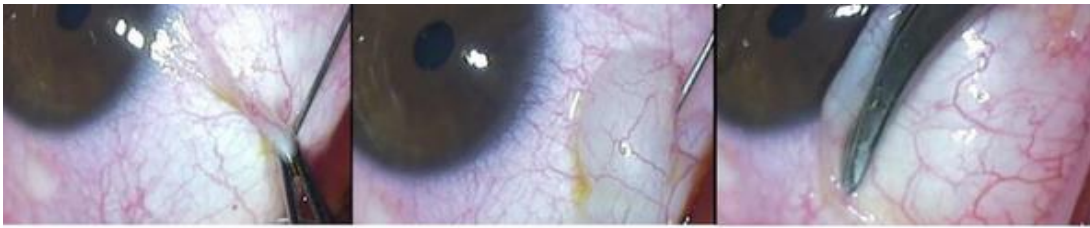


What we know now?





Anti-Metabolite?



ORIGINAL STUDY

Excision of Tenon Capsule in Pediatric Trabeculectomy: A Controlled Study

Ahmed Awadein, MD, FRCS (Glas)
and Yasmine M. El Sayed, MD, MRCSEd

Purpose: To compare the results of trabeculectomy alone and combined with partial tenonectomy 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 trabeculectomy alone (group A) or a trabeculectomy with partial tenonectomy (group B) tenon for 24 months. B times with 95% operative results follow-up. The n

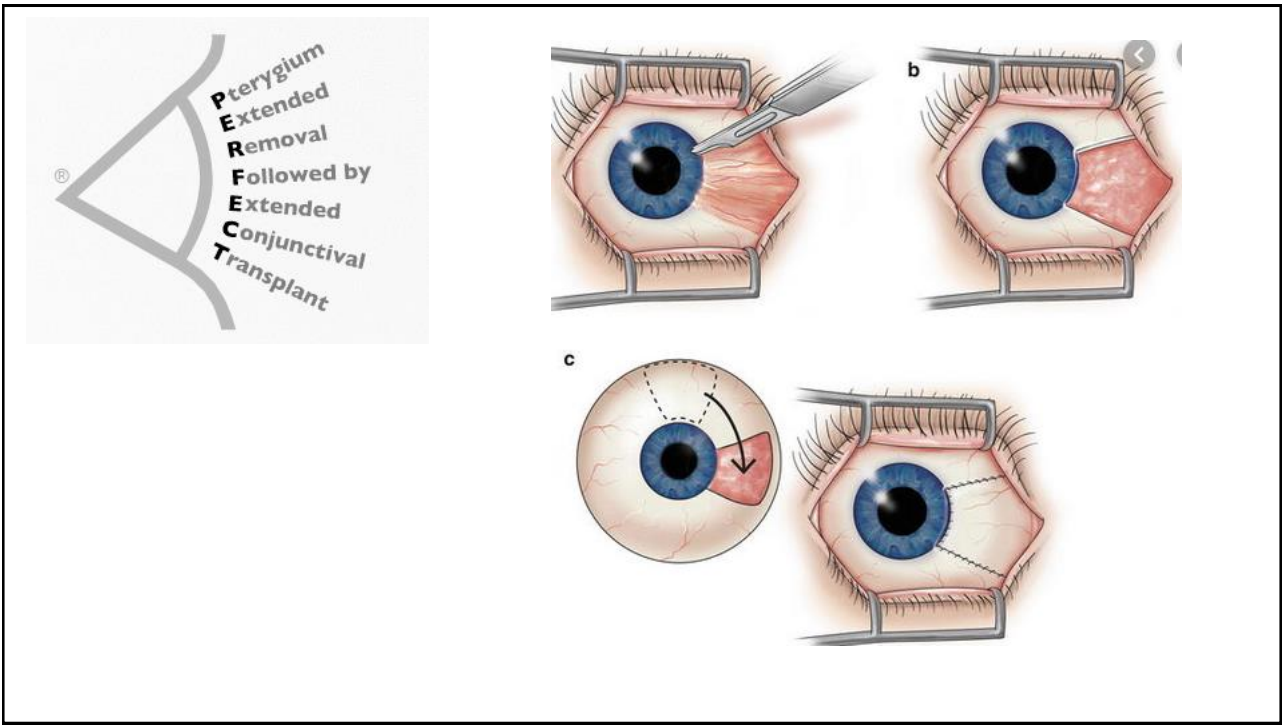
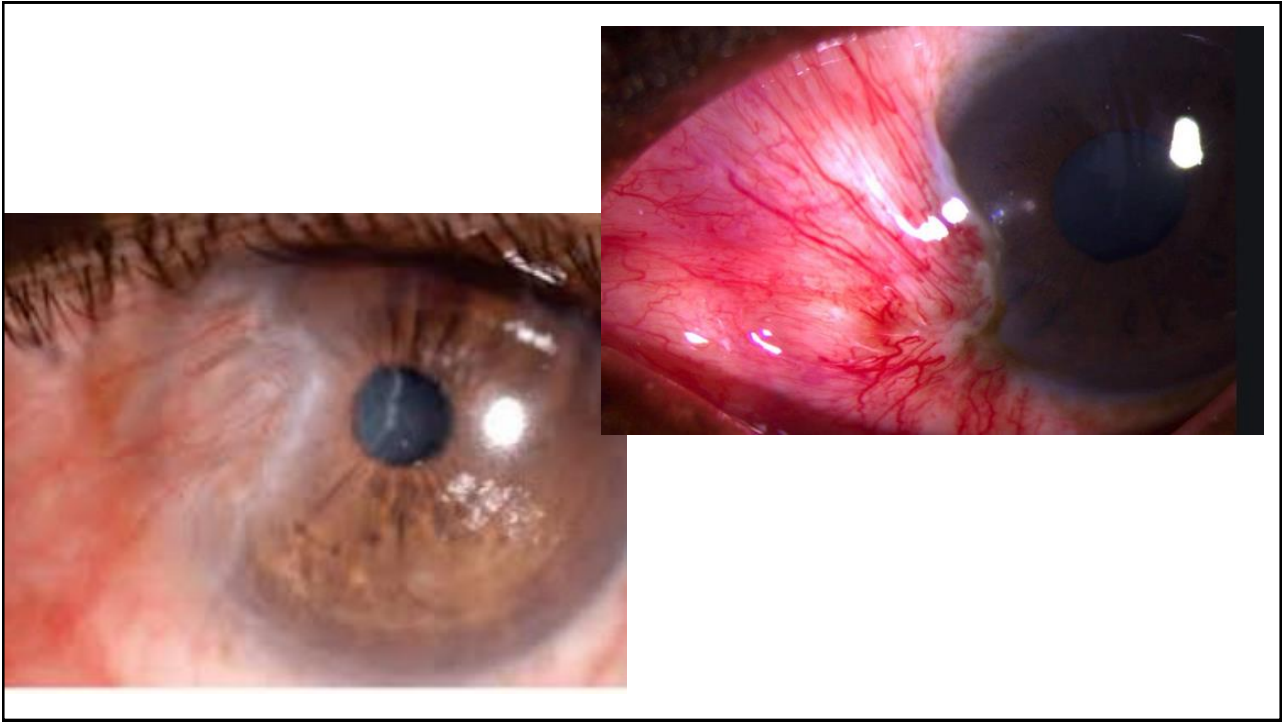
the reduction of those fibroblasts and their activity has been the target of many studies.^{8,9} Tenonectomy, whether partial or complete, may help reduce fibrosis and bleb encapsulation and hence improves the chances of success.¹⁰ Excision of the Tenon capsule has been described as an adjunct to trabeculectomy in some studies, especially in Africans, and has been shown to improve the outcome in such cases.¹¹⁻¹⁷

who did not undergo tenonectomy.

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.

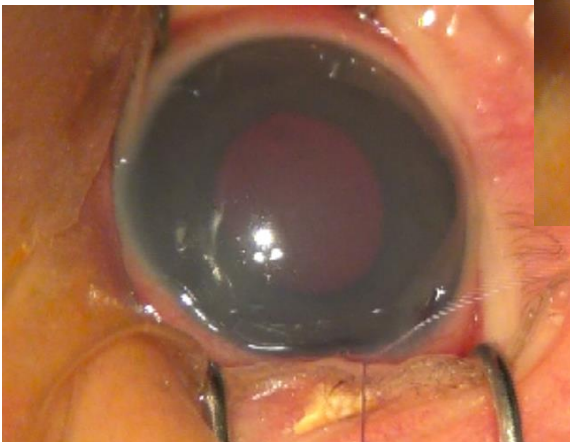
in pediatric

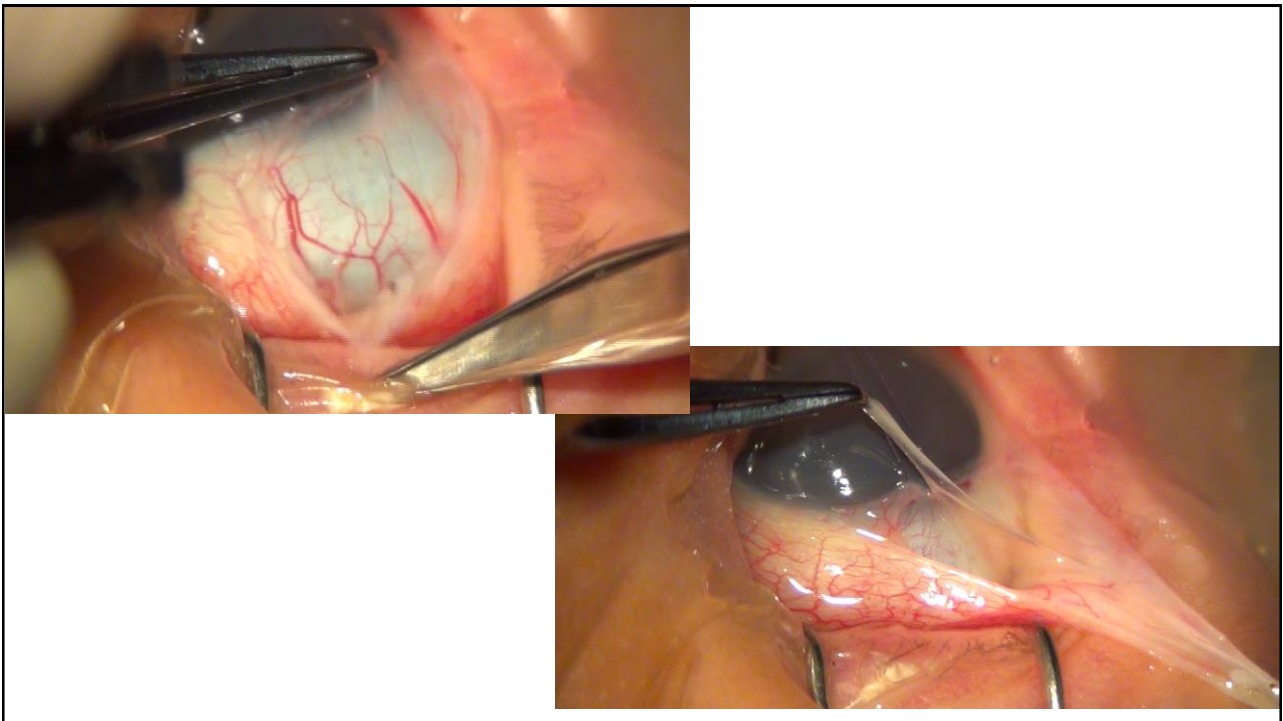
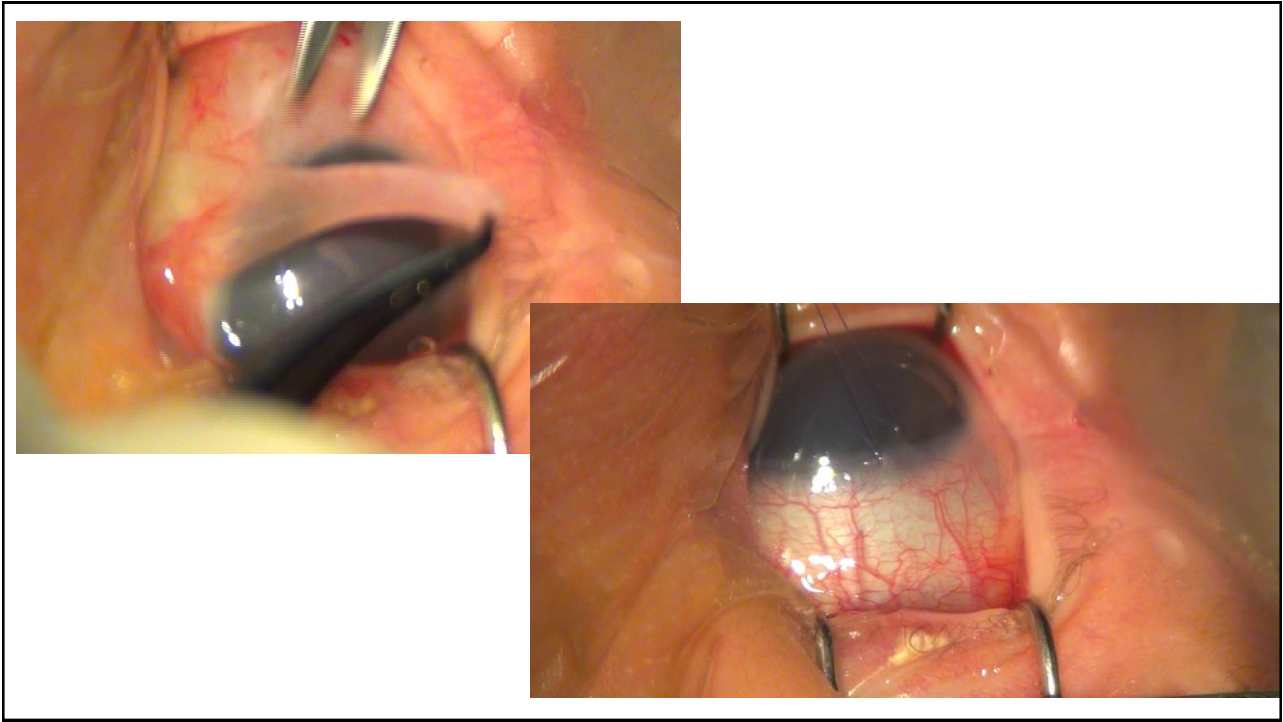
compared the
d with partial

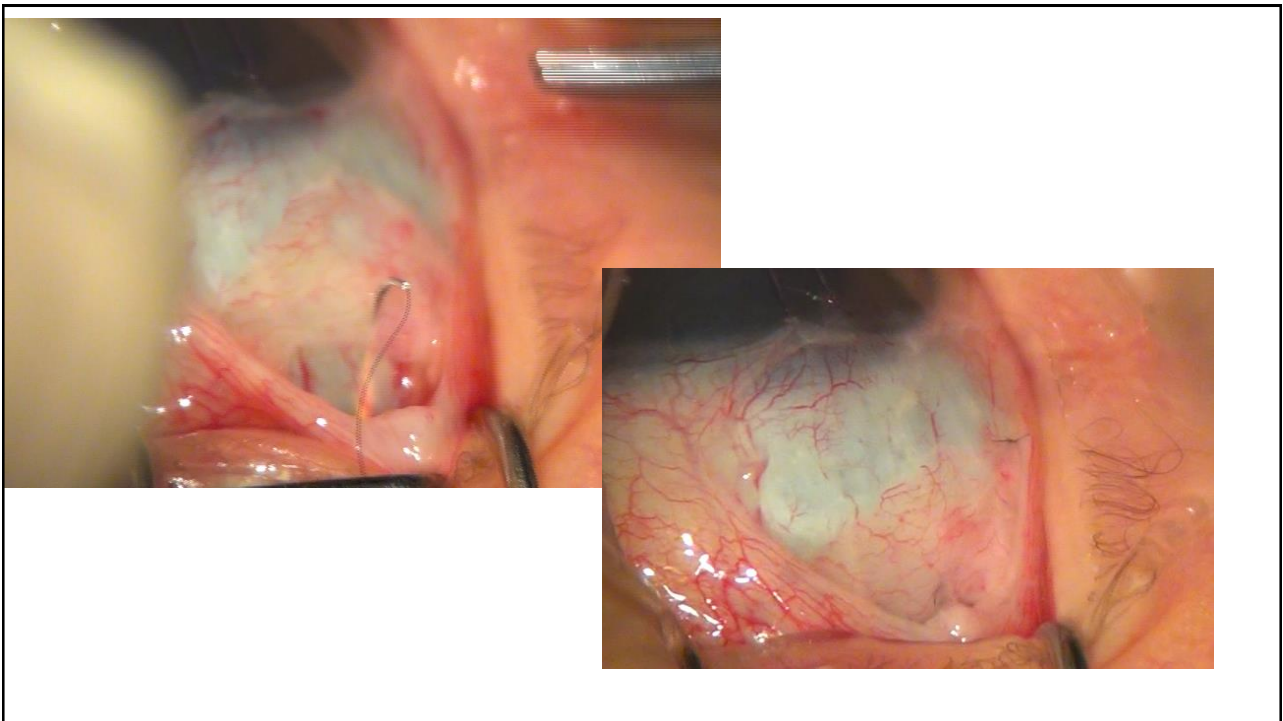
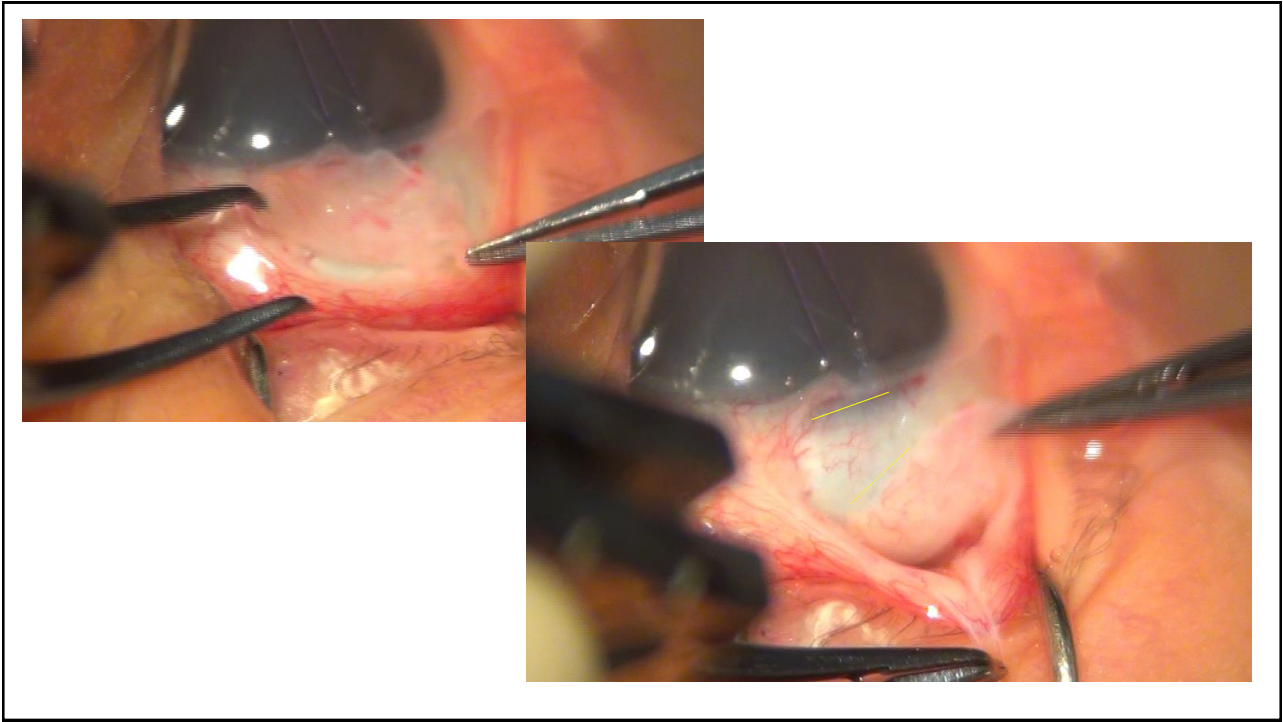


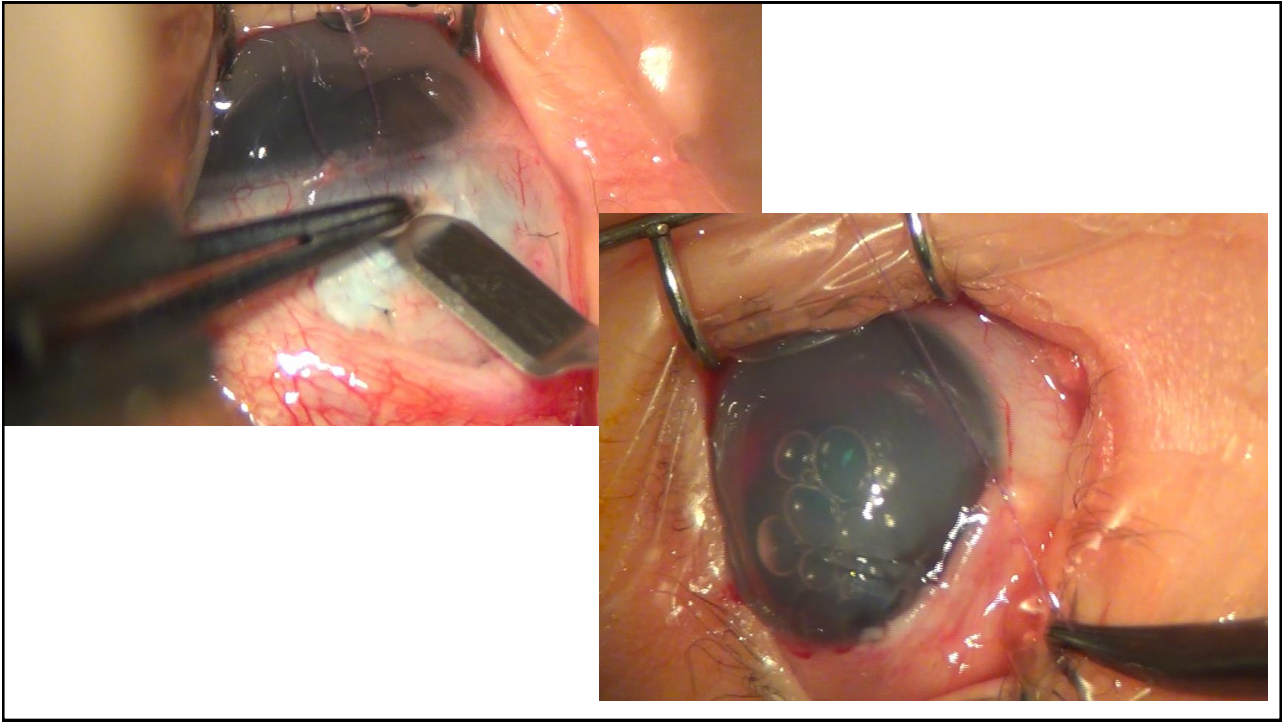
Surgical Basis Of Our Technique:

Tenonectomy
Conjunctival Graft to cover bare area

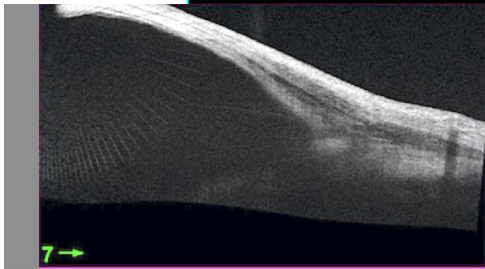
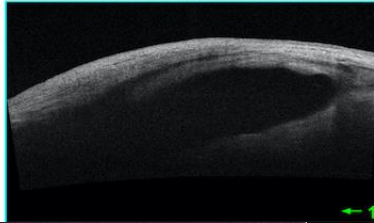
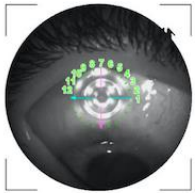




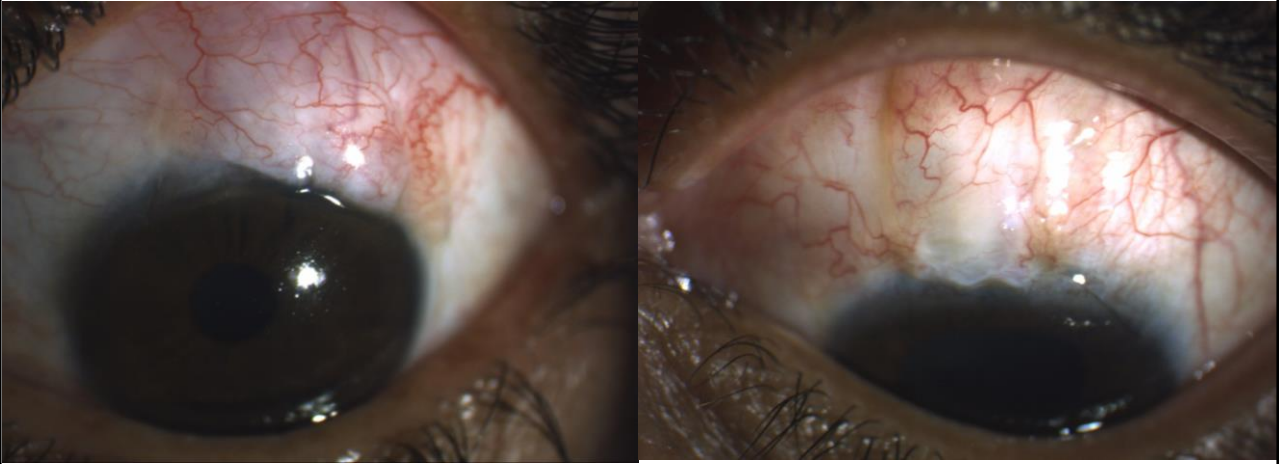




RESULTS?
Unpublished data



**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