



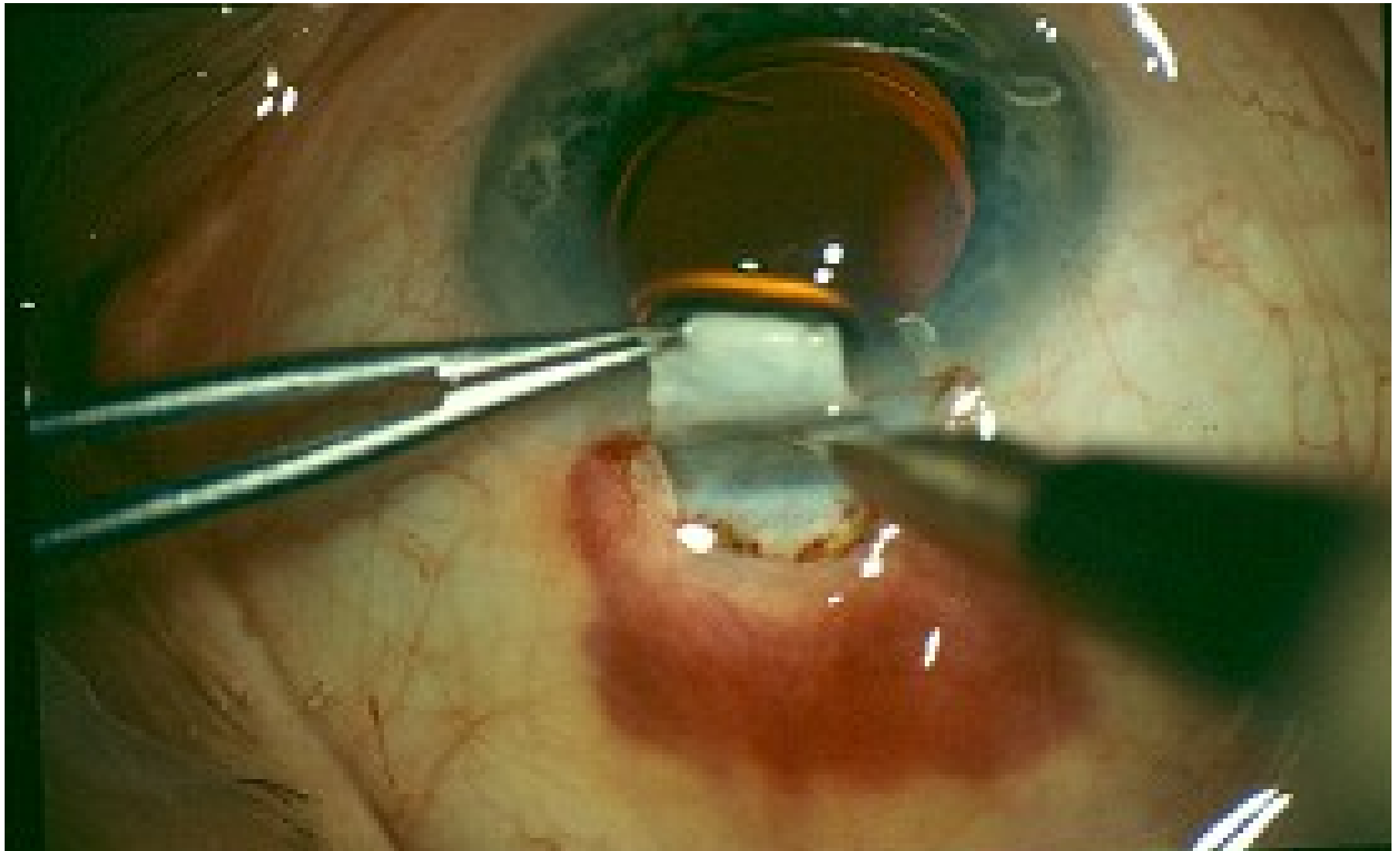
UNIVERSITÄTS**medizin.**
MAINZ

Trouble-Shooting in Trabeculectomy

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Trabeculectomy



Structure

- Preparation for Trabeculectomy
- Complications
- How to cope with problems
- Mainz method

Trabeculectomy as we do it in Mainz

- 4 weeks without topical therapy
- Steroids for 5 days
- Fornix-based, incision at limbus
- Mitomycin in 100%
- Frequently 5-FU

Complications

- IOP too high
- IOP too low
- Fistulation

TE, 1. postoperative Day



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Augenklinik und Poliklinik

MAINZ

Direktor: Professor Dr. med. N. Pfeiffer



TE, 30. postoperative day

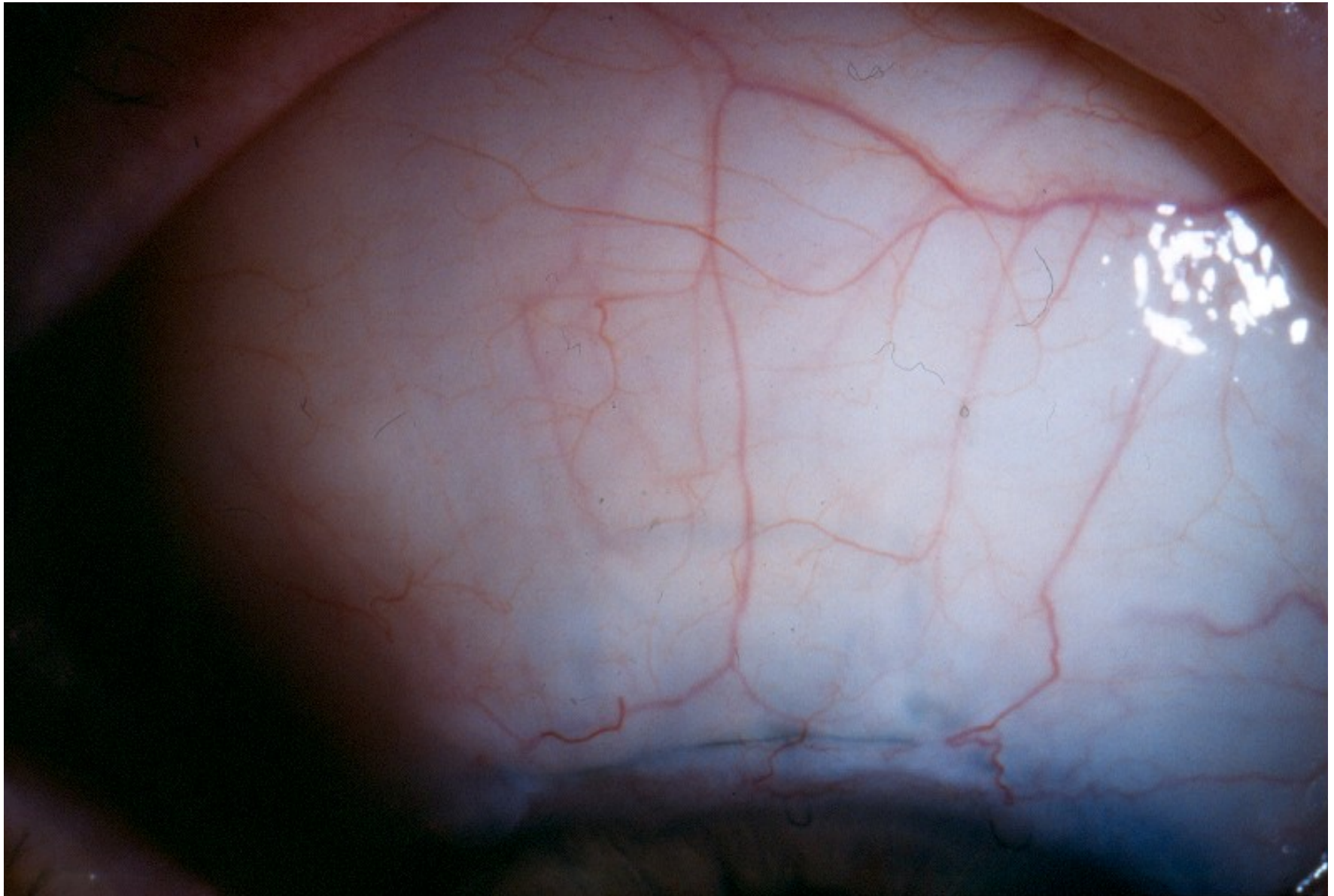


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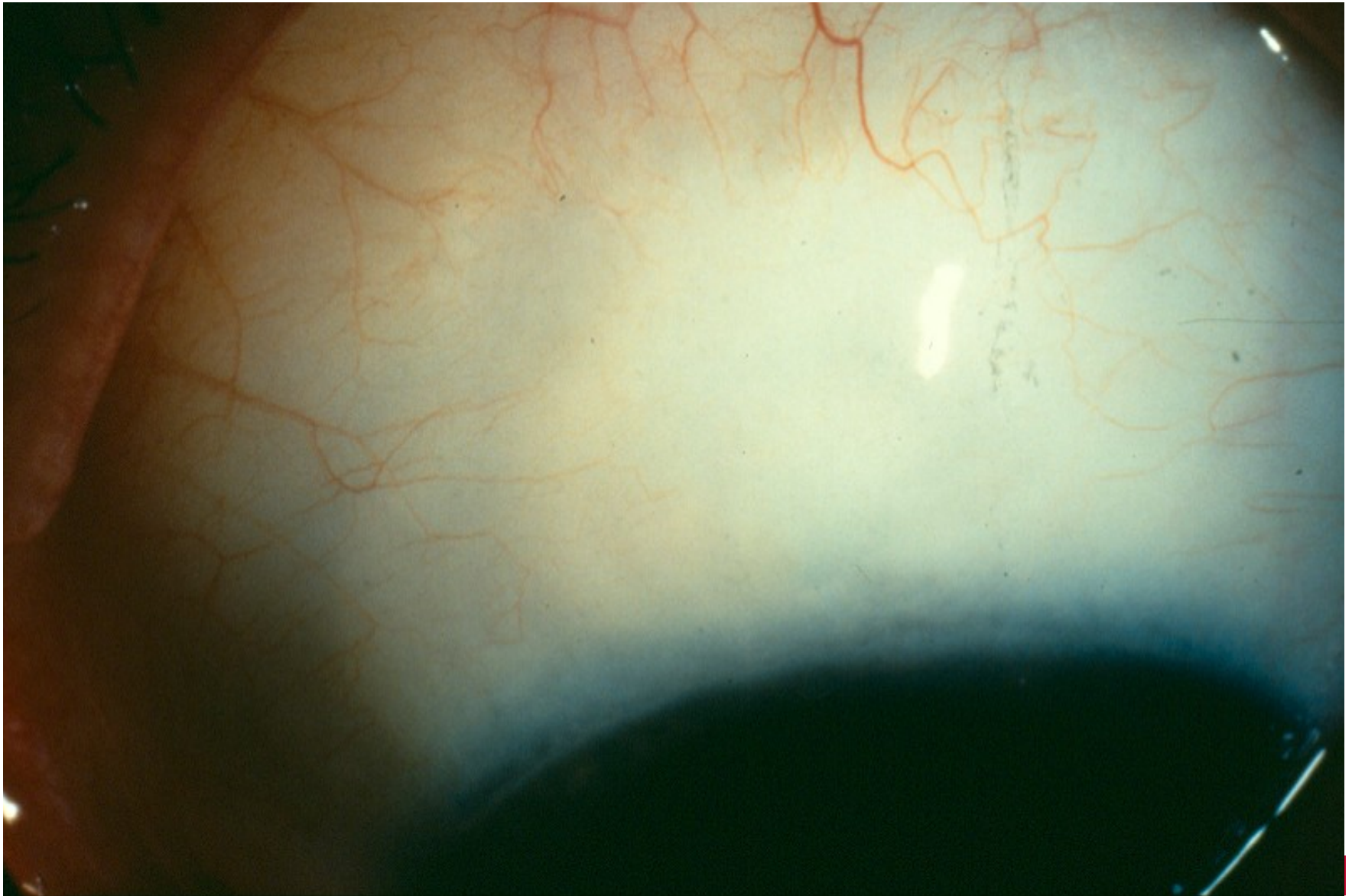
Augenklinik und Poliklinik

MAINZ

Direktor: Professor Dr. med. N. Pfeiffer



TE, 2 years postoperative



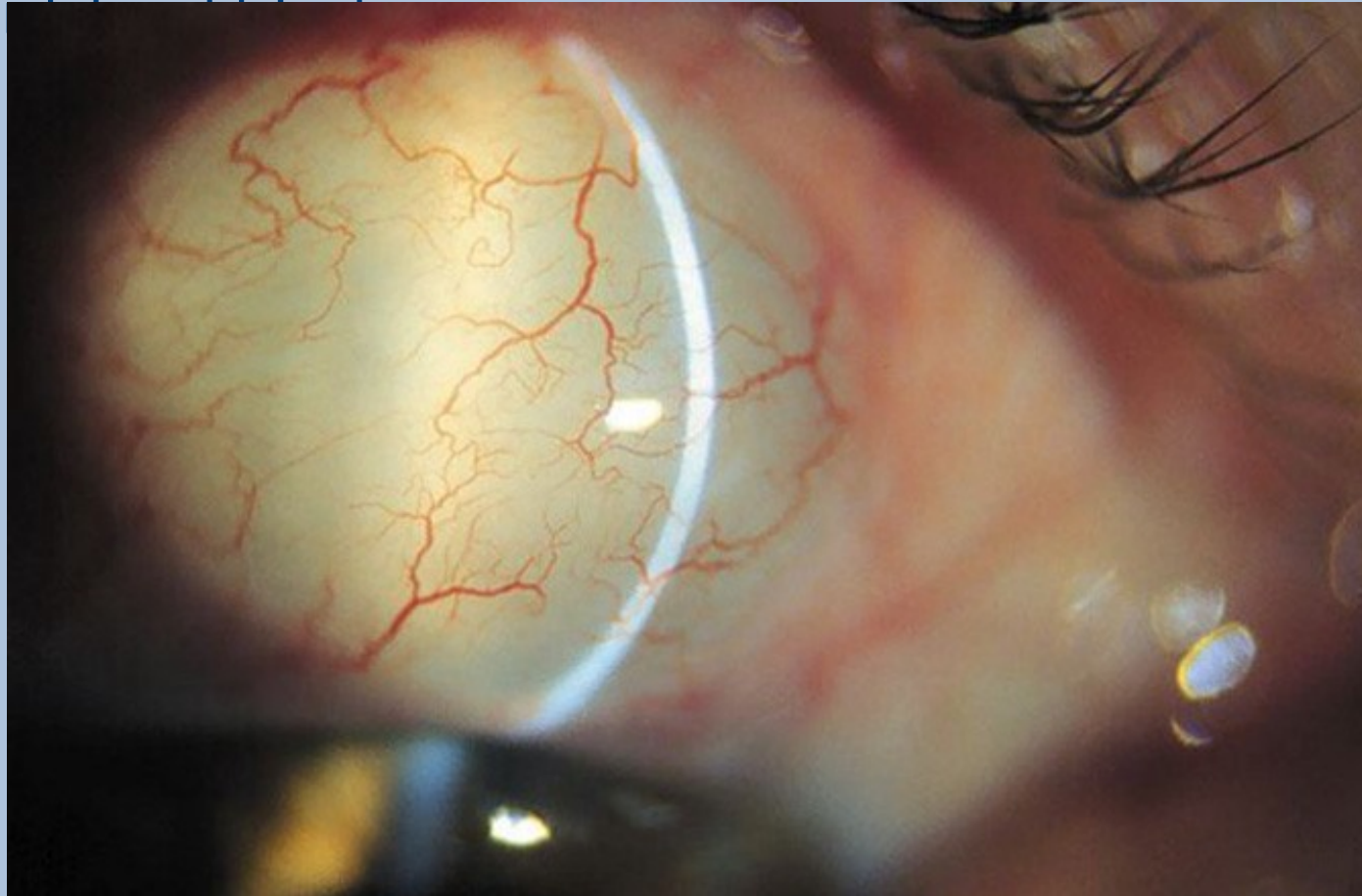
Encapsulated bleb: Do not needle

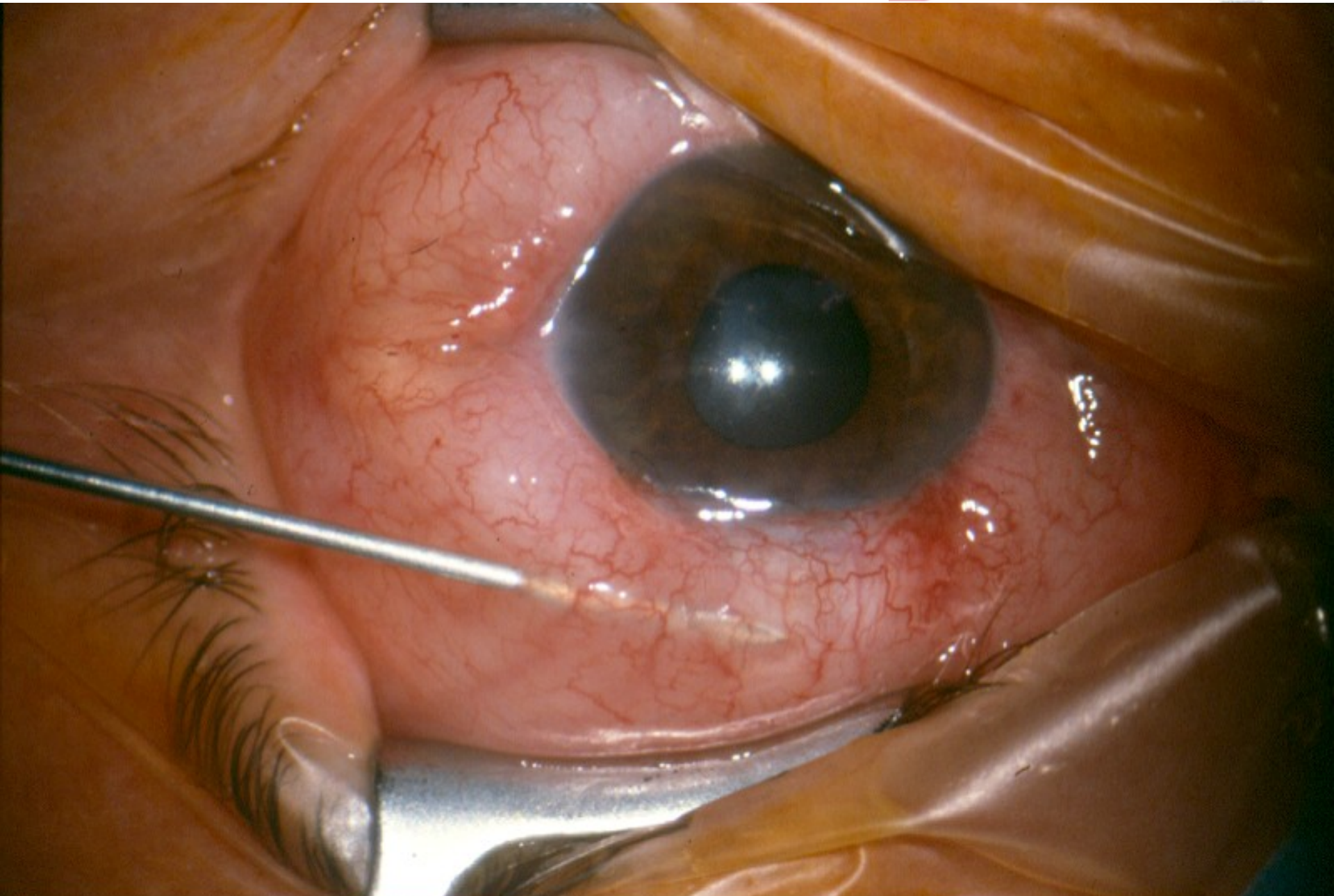
■ C

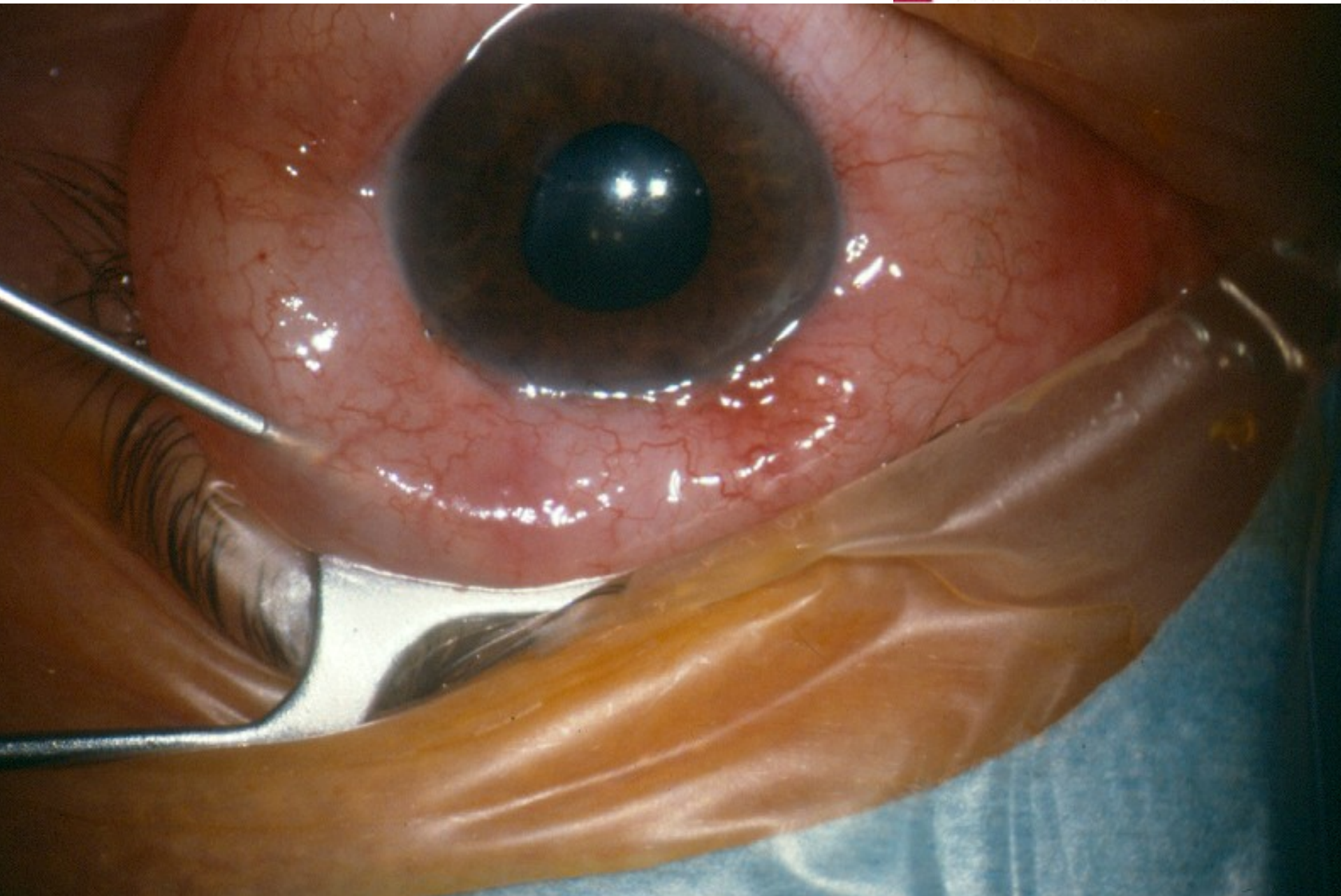


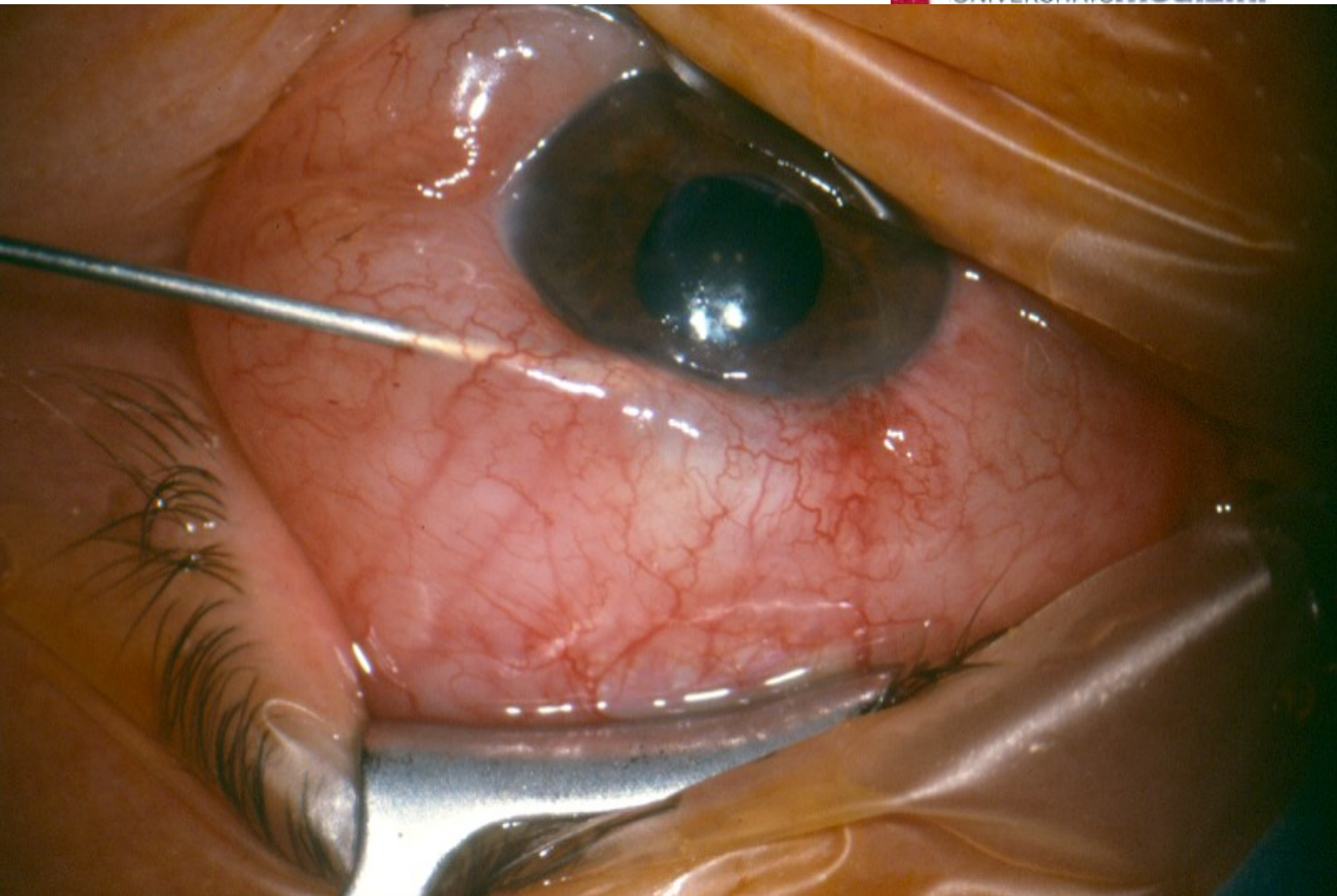
Needling procedure with no inflammation

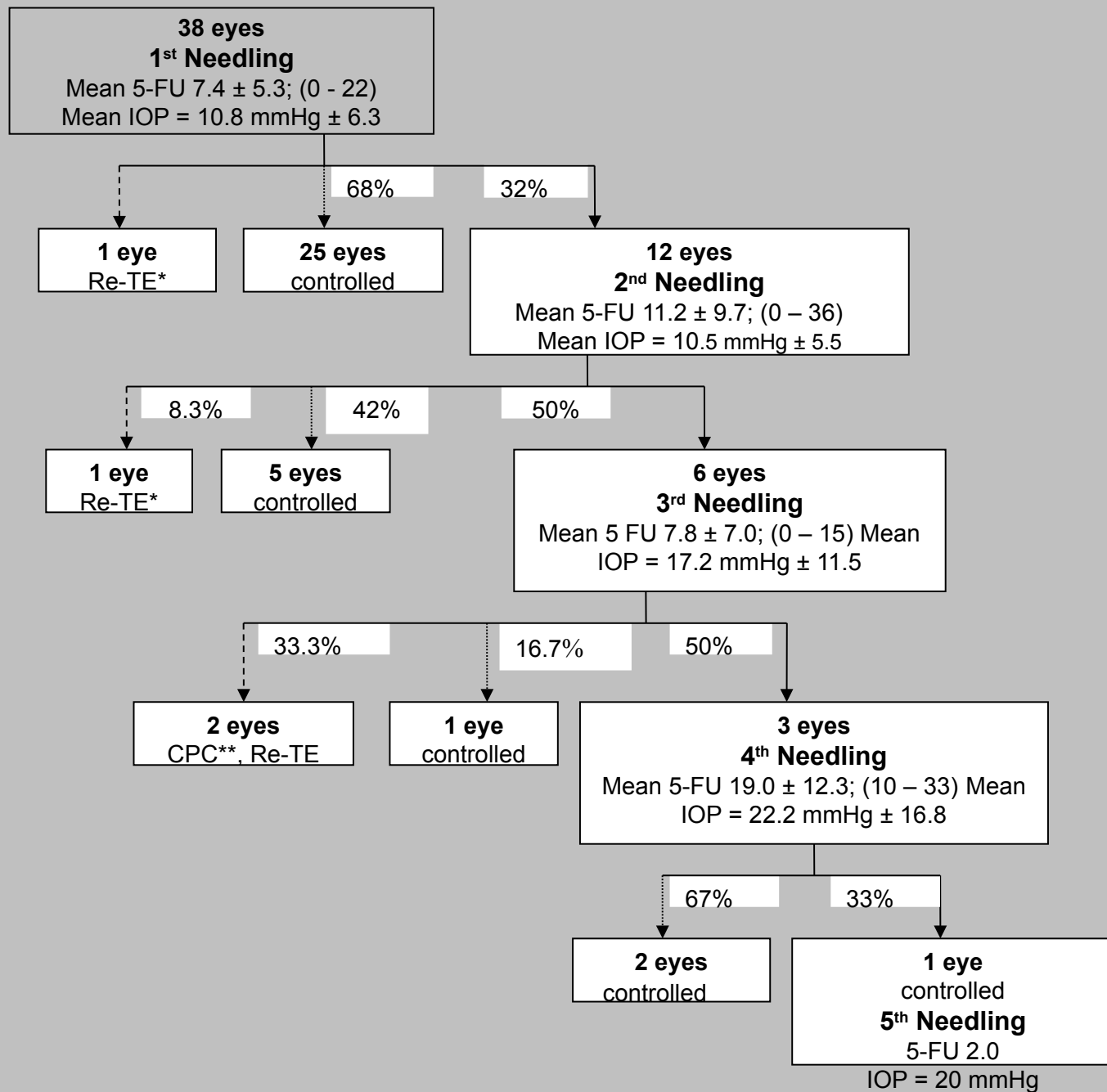
- Clinical Ultrasonography









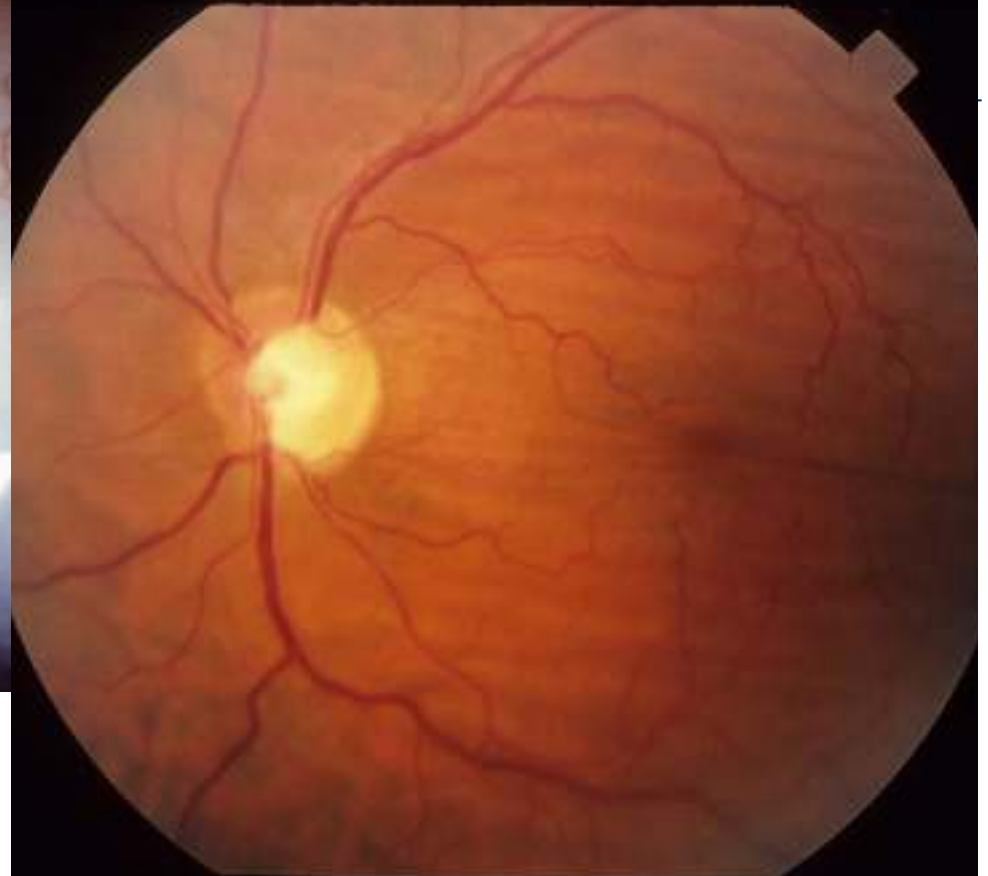


Prolonged Hypotony

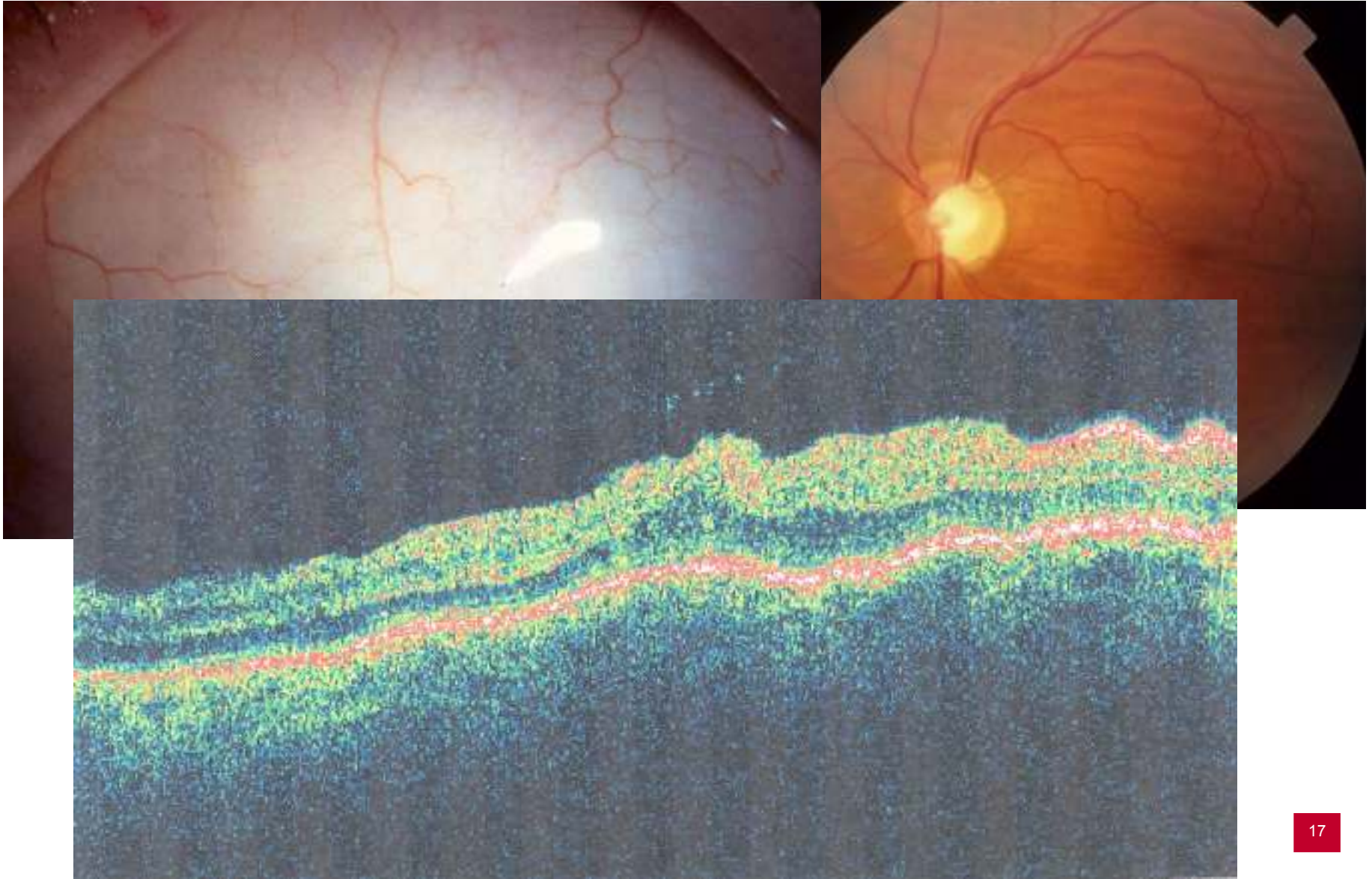
- Clinical History



Filtration bleb - Hypotony



Filtration bleb - Hypotony



Desaster: Expulsive Haemorrhage



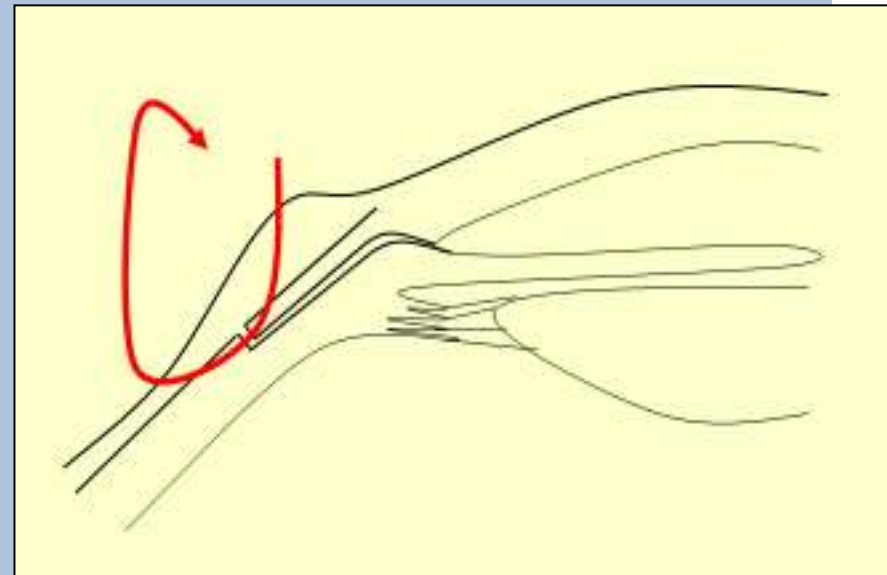
Revision: transconjunctival Refixation

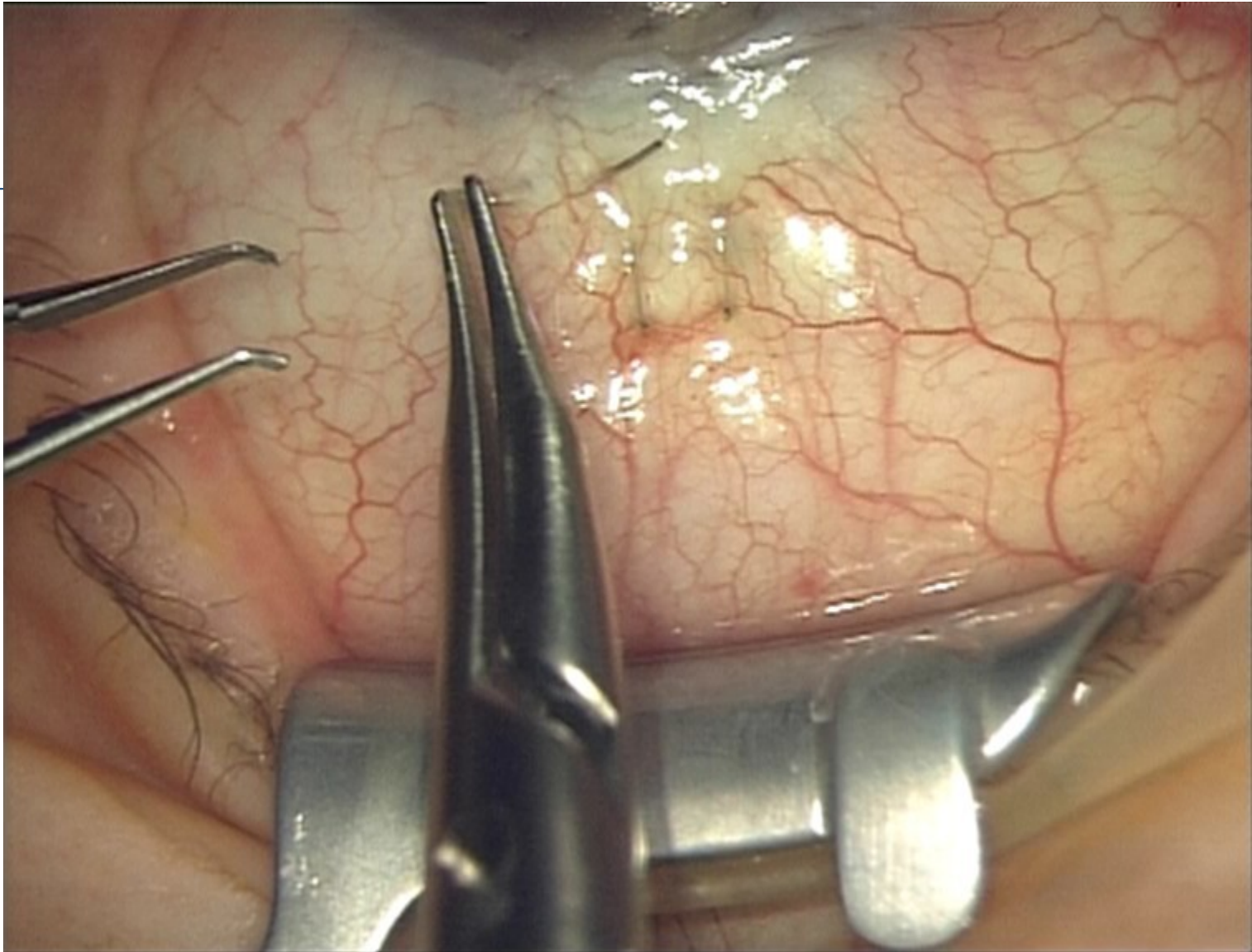
Aim:

- To preserve filtration
- Low-risk

Procedure:

- No conjunctival incision
- Topical anaesthesia
- 10.0 Nylon sutures

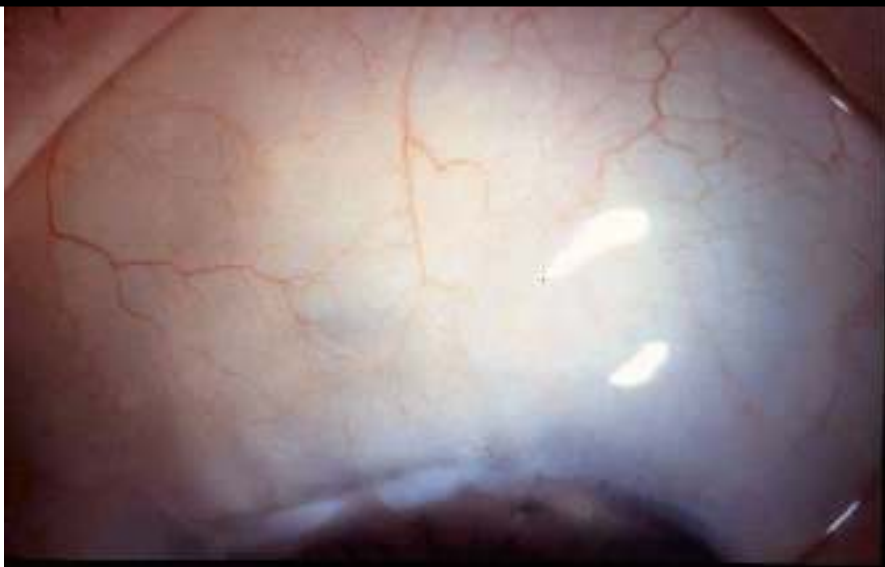




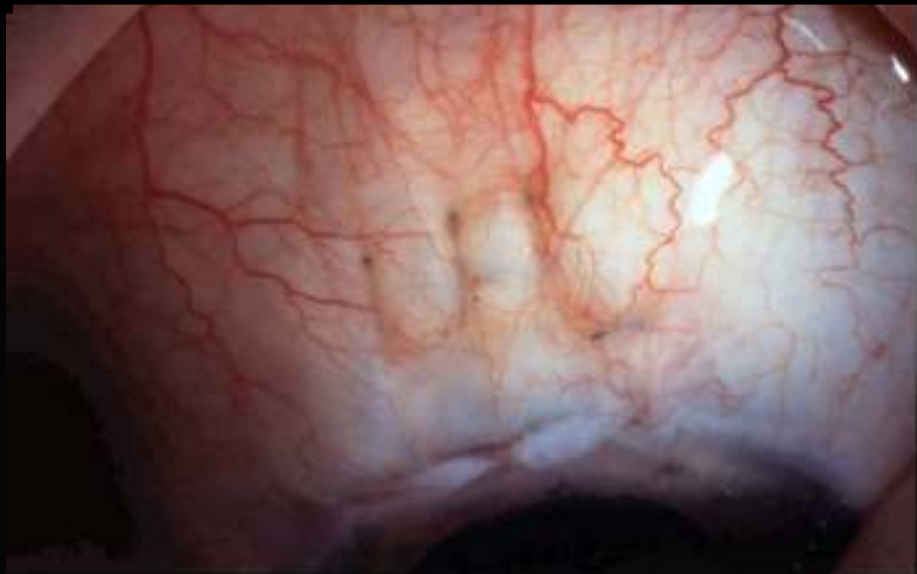
Hypotony: Transconjunctival Sutures



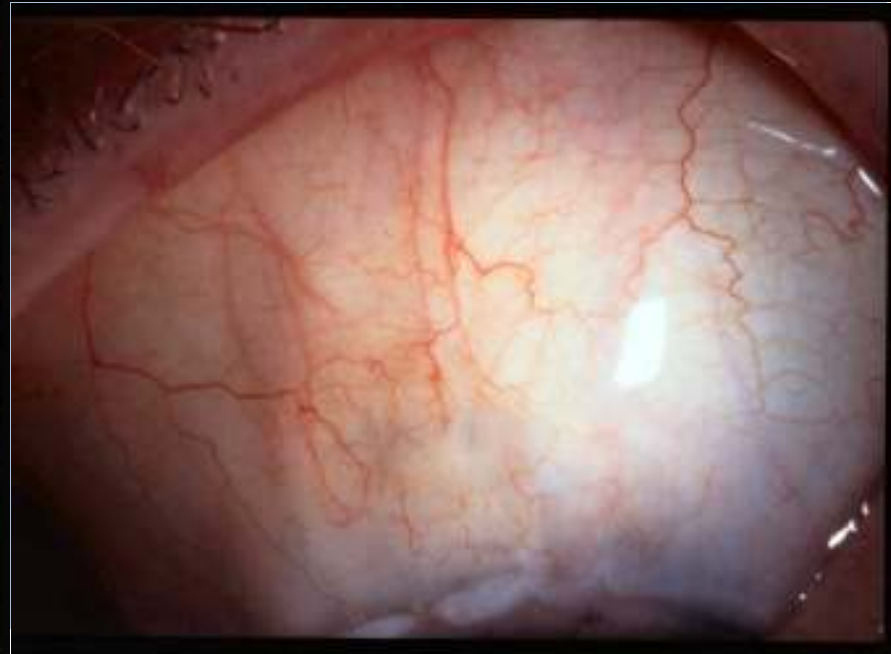
pre-OP



1.POD



7.POD

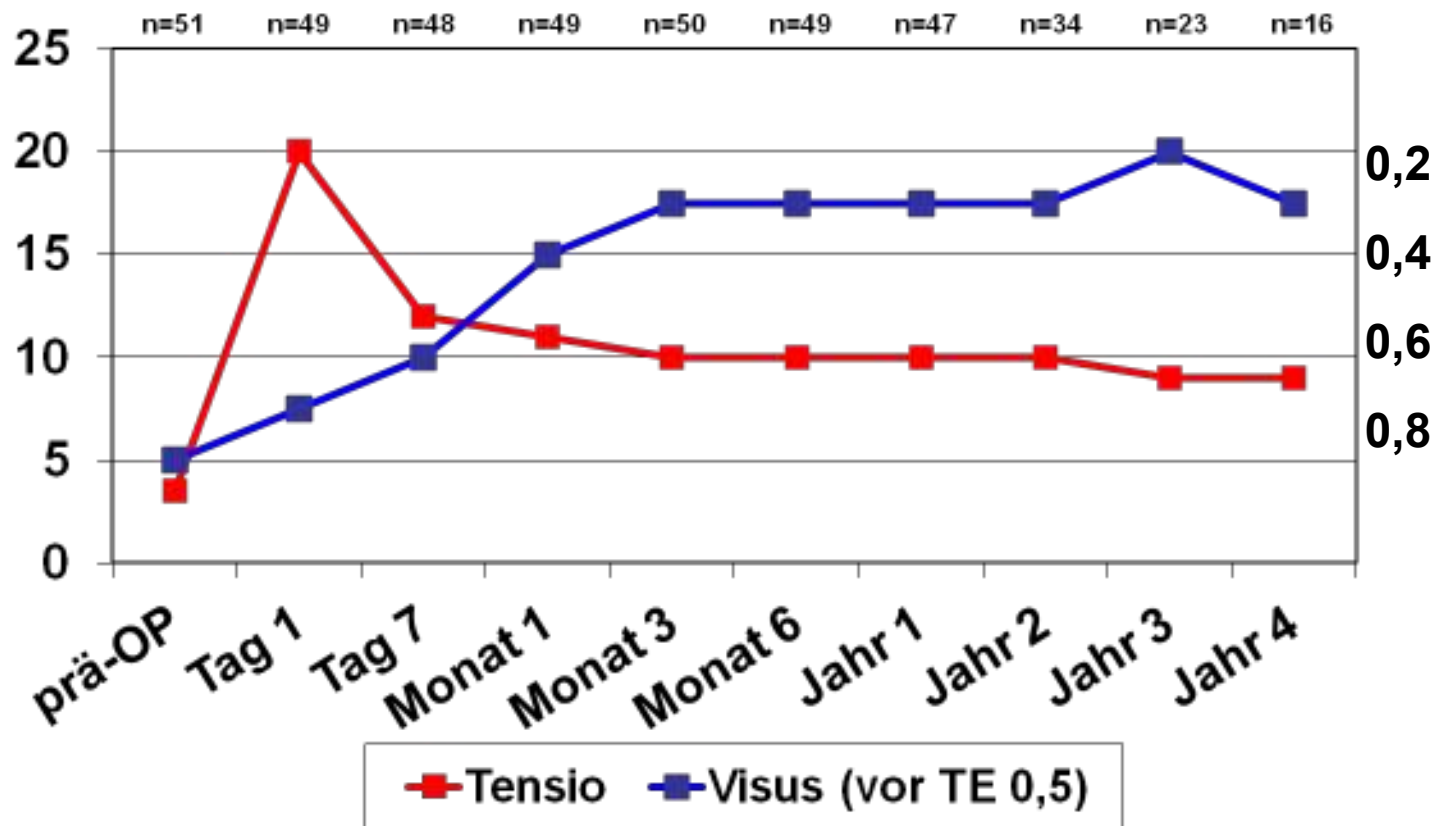


3 months

Results

Tensio (mmHg)

Visus (LogMar)



Trabeculectomy

- Click to add Text



Thank you for your attention!