

“Carlevale” sclera fixated IOL. The ultimate solution.

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Athens

Greece

1st published 1986

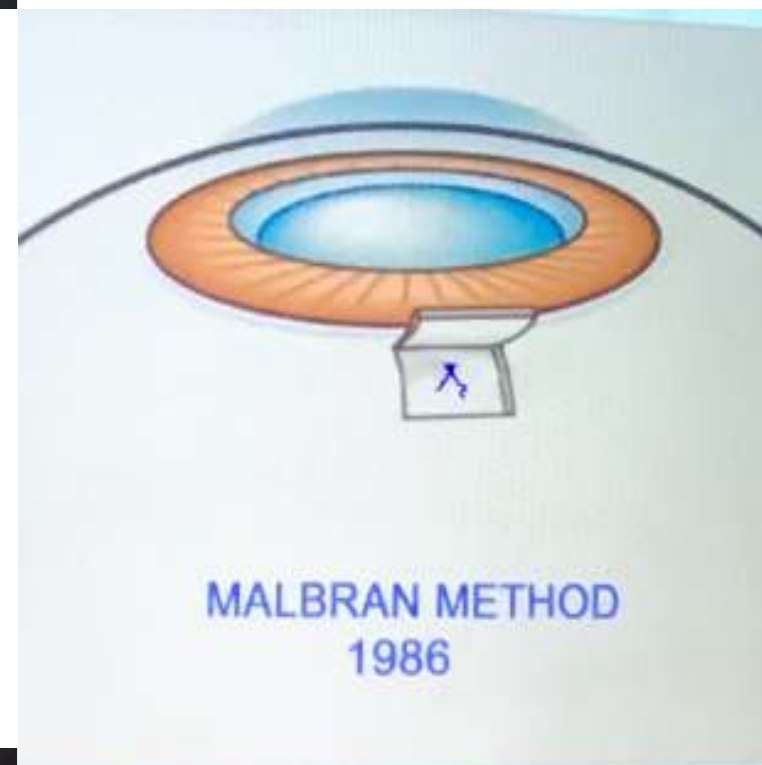
International Ophthalmology 9: 151-160 (1986)

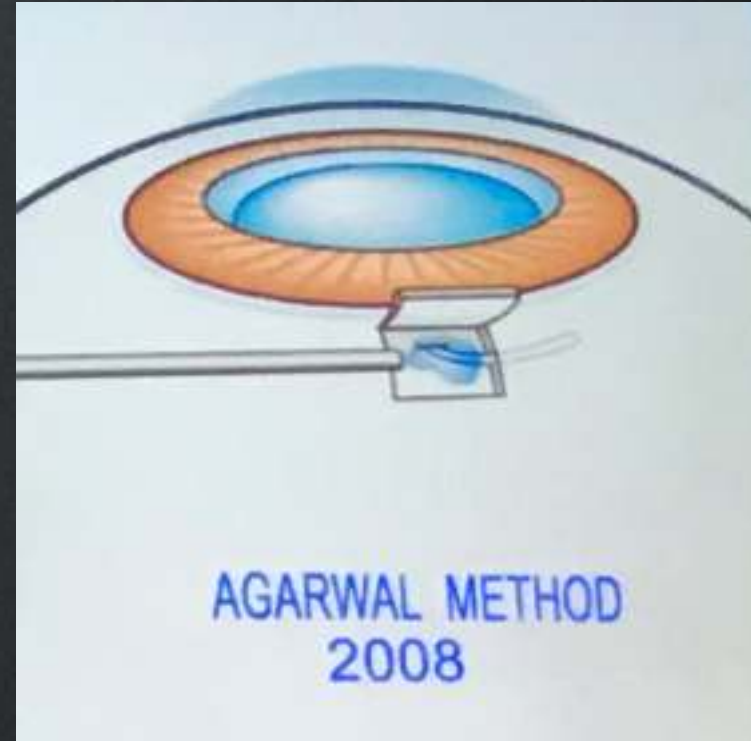
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Lens guide suture for transport and fixation in secondary IOL implantation after intracapsular extraction

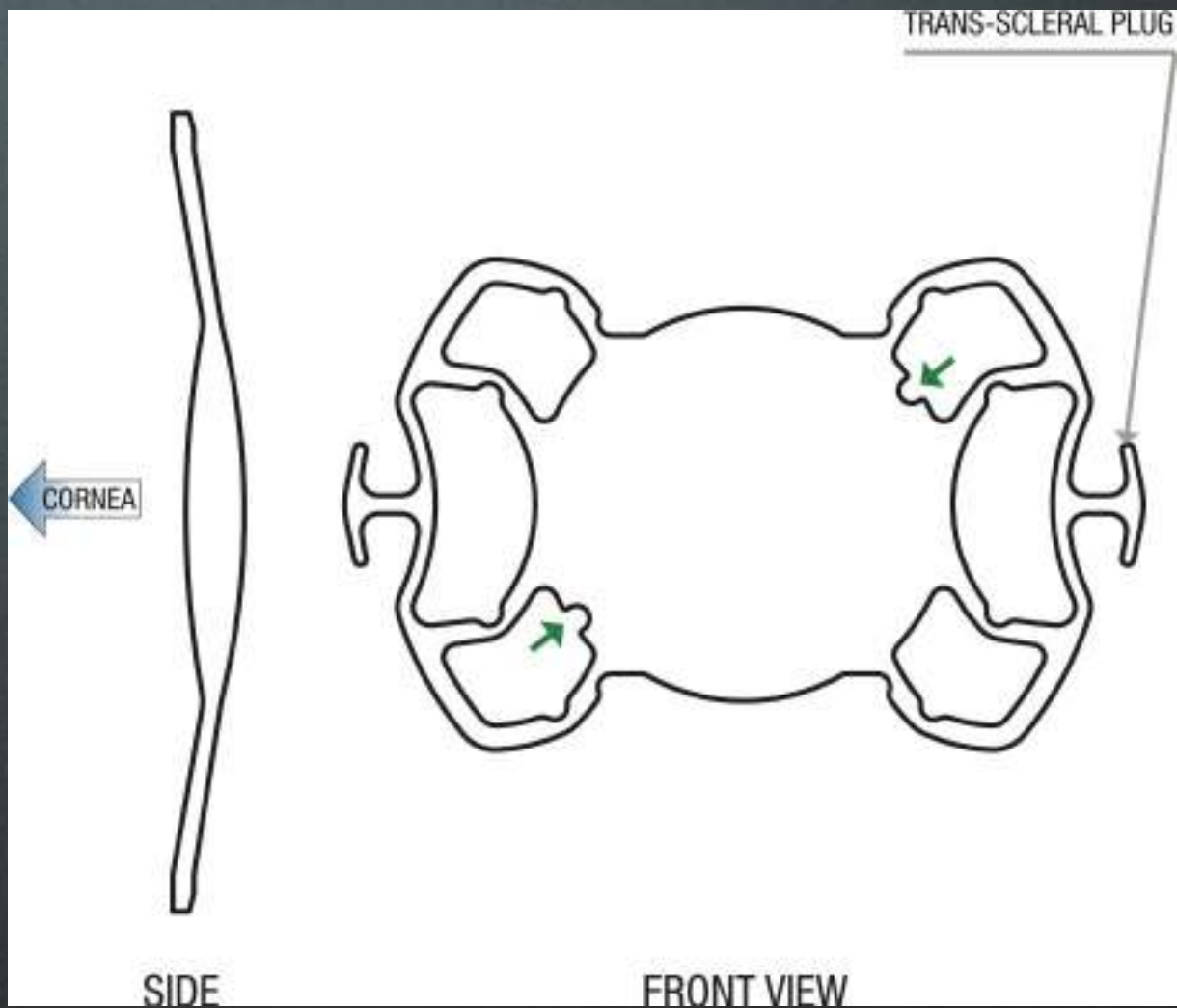
Enrique S. Malbran, Enrique Malbran (Jr.) & Ignacio Negri
Buenos Aires, Argentina

Key words: secondary implantation after ICCE, ECCE, guide transportation suture, guide transportation and fixation sutures, iris tucking, clinical situations, anterior chamber implant, posterior chamber implant, Sodium hyaluronate, Healon®

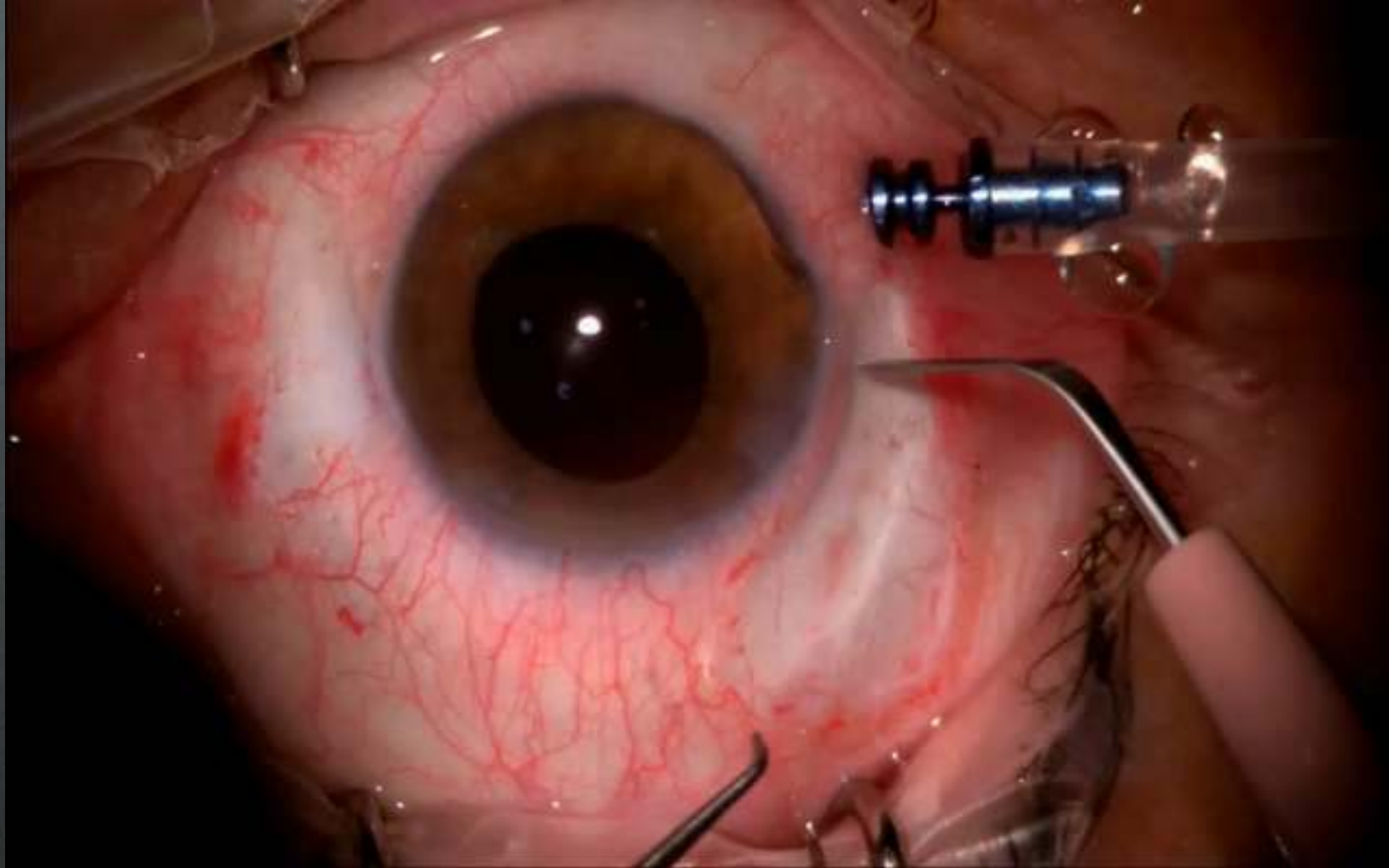


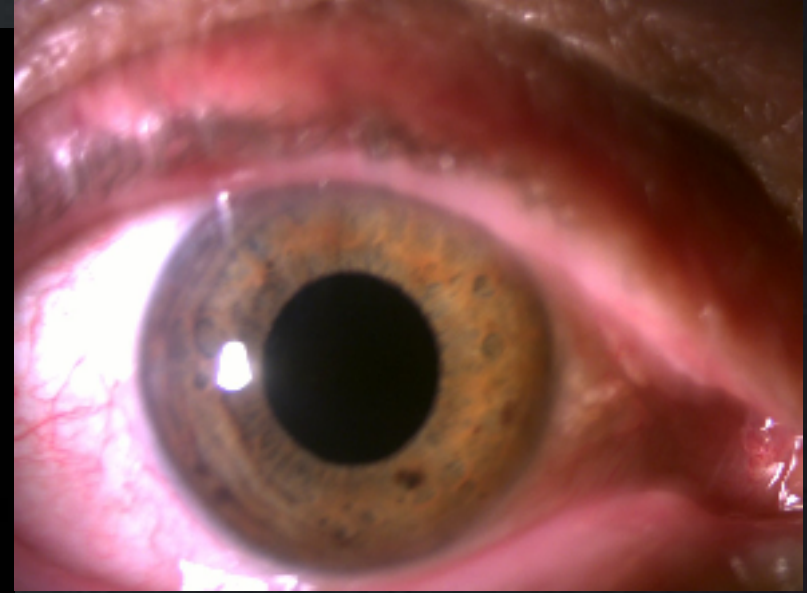


2015 new IOL Carlevale



video





72 yo lady

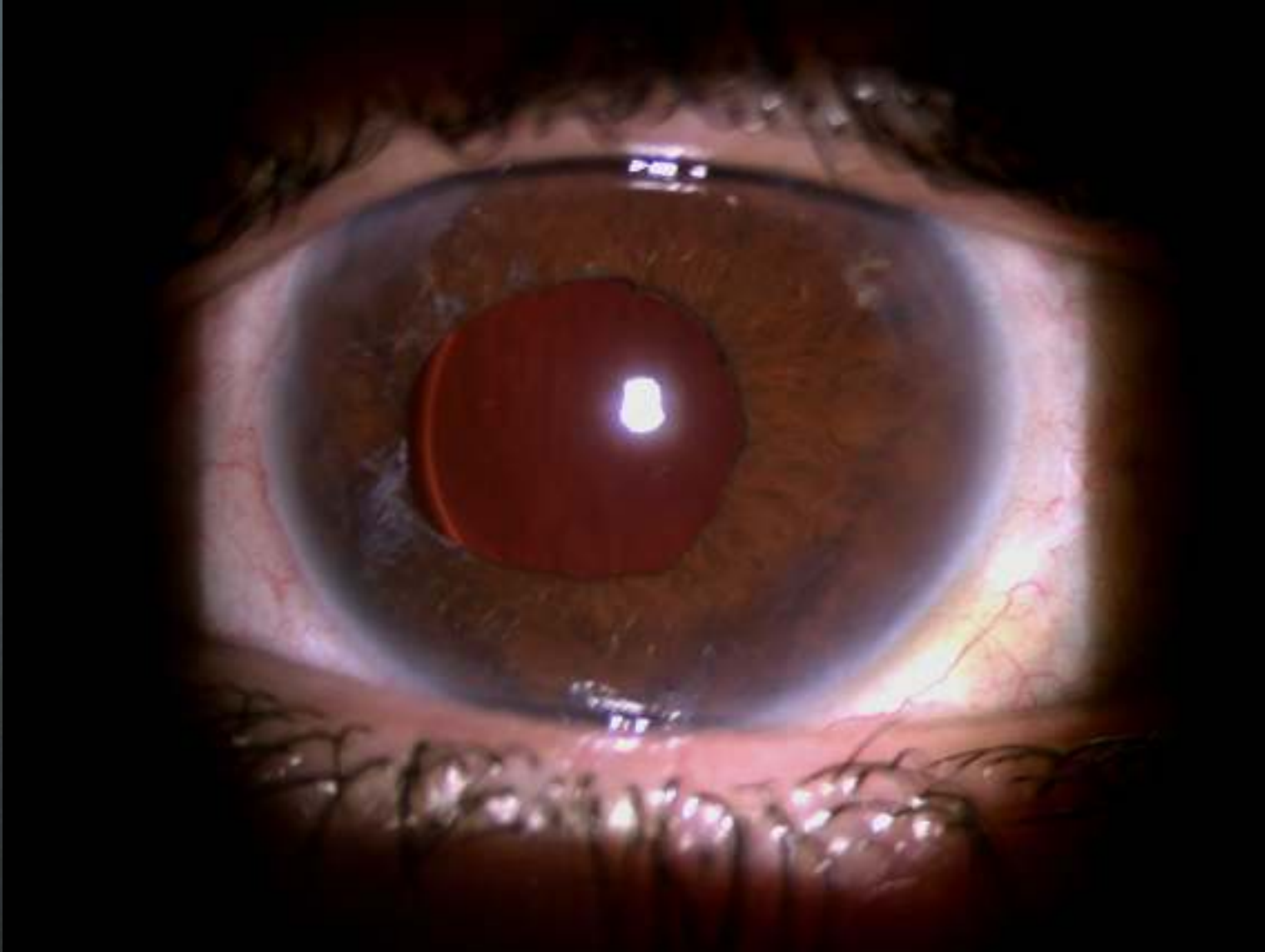
Sunset

3.00 – 9.00 o'clock dimension

Thick scleral flaps



- 55 yo Female myope

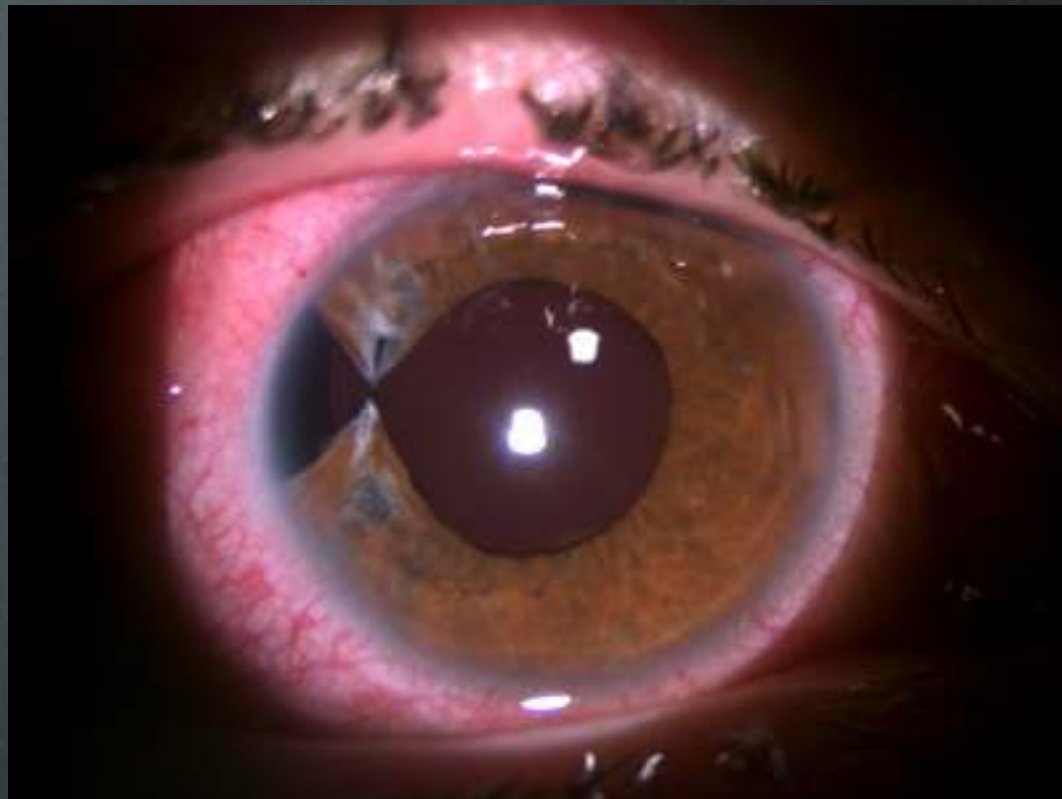


10 yo boy

Open globe trauma-RD

PPV, laser oil

ROSO, Scleral IOL , sutured iris



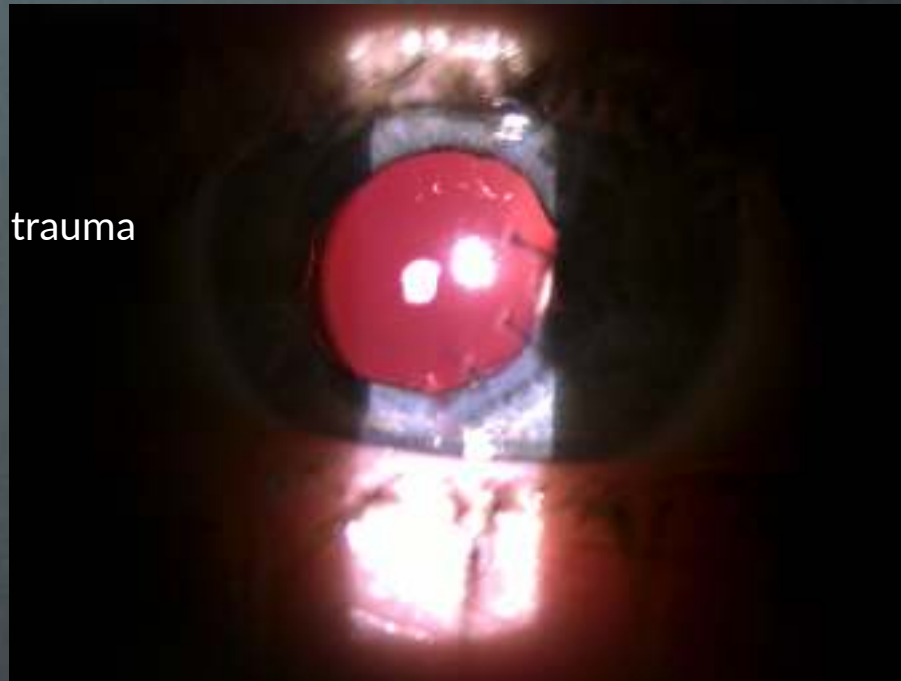
9 yo boy

Knife:Open corneal globe trauma

Cataract NO RD

Primary repair

Secondary Scleral IOL ,



> Eur J Ophthalmol. 2021 Feb 2;1120672121992978. doi: 10.1177/1120672121992978.

Online ahead of print.

Scleral fixation of Carlevale intraocular lens: A new tool in correcting aphakia with no capsular support

Ilias Georgalas ¹, Dimitrios Spyropoulos ¹, Stratos Gotzaridis ¹, Evangelia Papakonstantinou ¹, Stylianos Kandarakis ¹, Menelaos Kanakis ¹, Aristotelis Karamaounas ¹, Petros Petrou ¹

› [Ophthalmic Surg Lasers Imaging Retina](#). 2021 Feb 1;52(2):94-101.

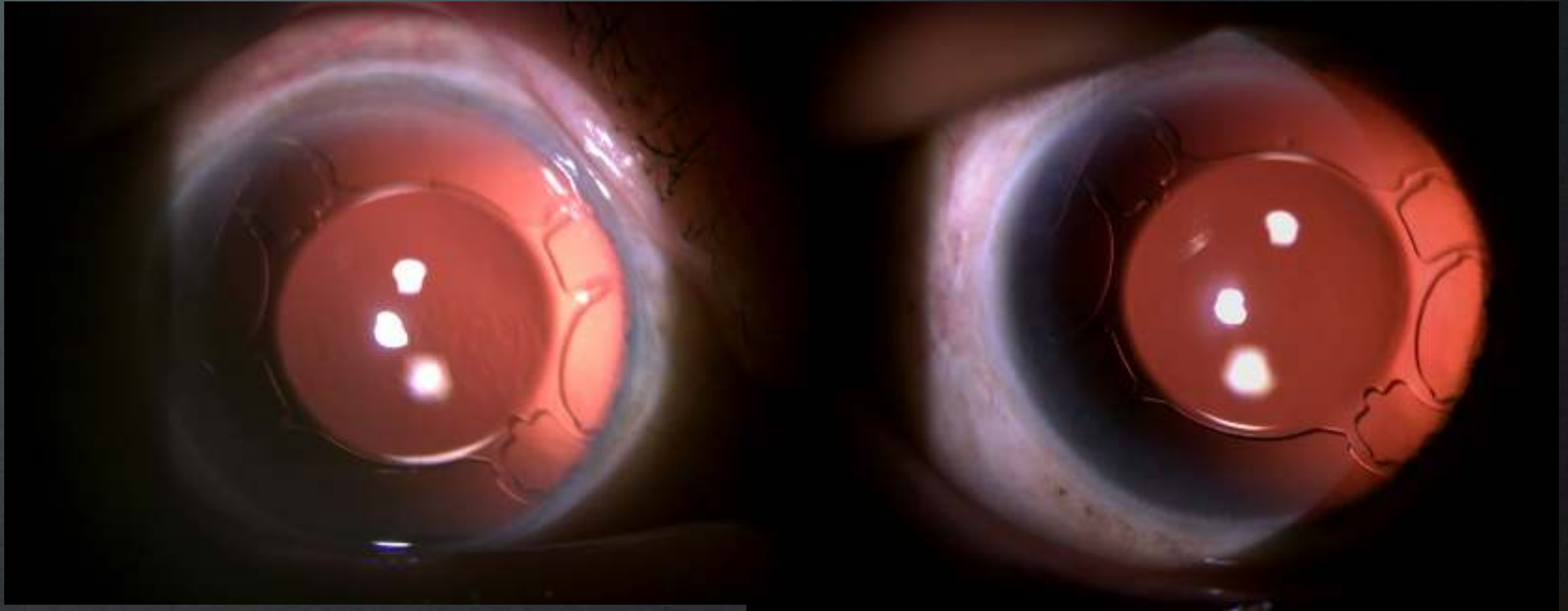
doi: [10.3928/23258160-20210201-06](#).

Scleral Fixation of Carlevale Intraocular Lens in Children: A Novel Tool in Correcting Aphakia With No Capsular Support

[Stratos Gotzaridis](#), [Ilias Georgalas](#), [Evangelia Papakonstantinou](#), [Dimitrios Spyropoulos](#),
[Agathi Kouri](#), [Stylianos Kandarakis](#), [Aristotelis Karamaounas](#), [Anastasia Gkiala](#), [Anna-Maria Sideri](#),
[Konstantinos Droutsas](#), [Petros Petrou](#)

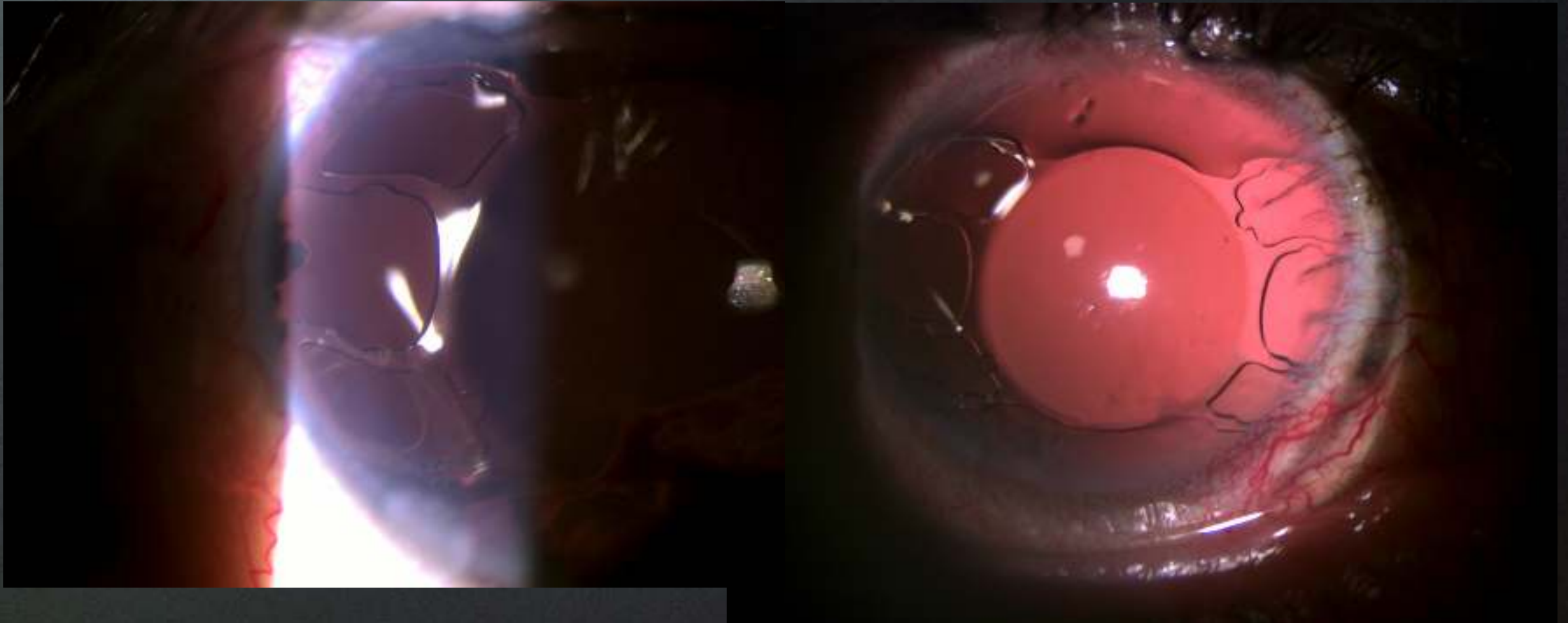
In aniridia prevents photophobia:

75 yo Female, post trauma aphakia, aniridia



In aniridia prevents photophobia and keeps well S.O. in. PC.

70 yo male, post trauma aphakia, aniridia, giant tear, RD vitreous haemorrhage



Most common complication

Lens damage during implantation



Most common complication

Lens damage during implantation



Most common complication

Lens damage during implantation



Scharioth IOL Scleral Fixation forceps, straight & curved

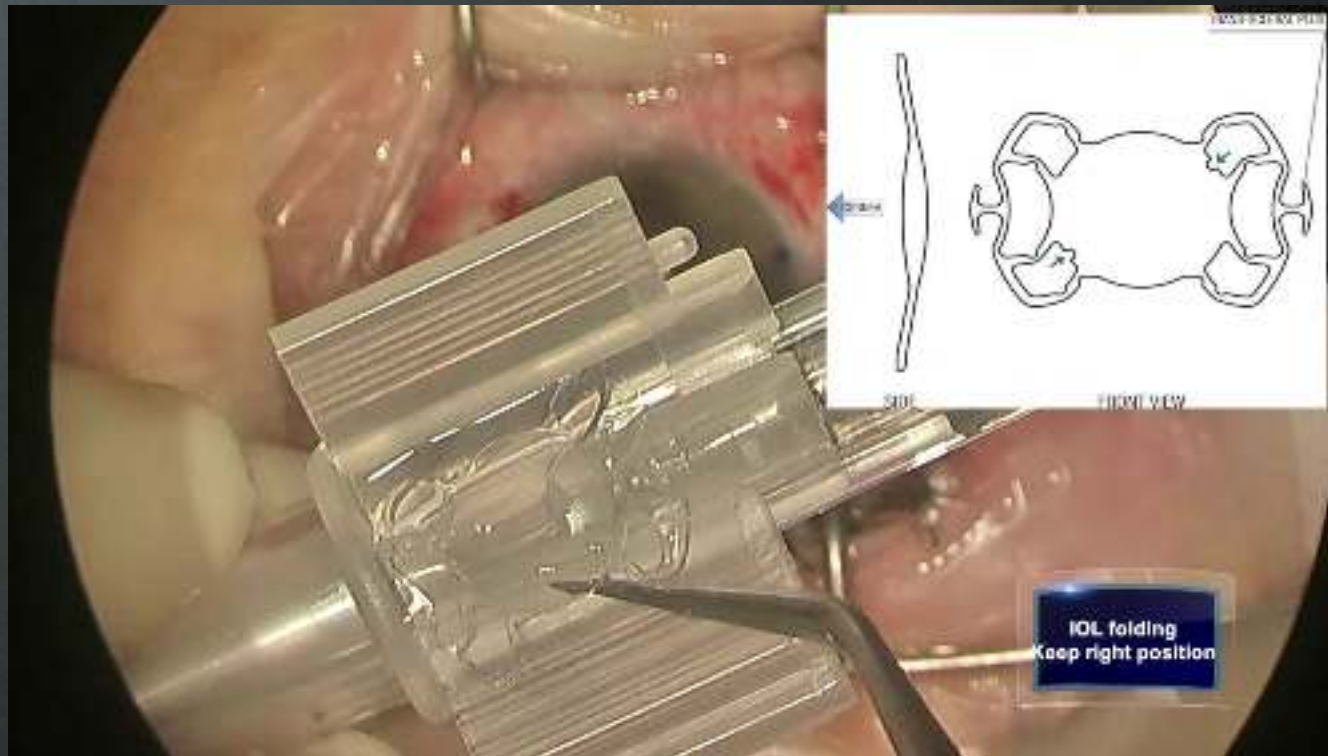
Most common complication

Lens damage during implantation



Most common complication

Lens damage during implantation



Most disappointing complication

Haziness of the optical part

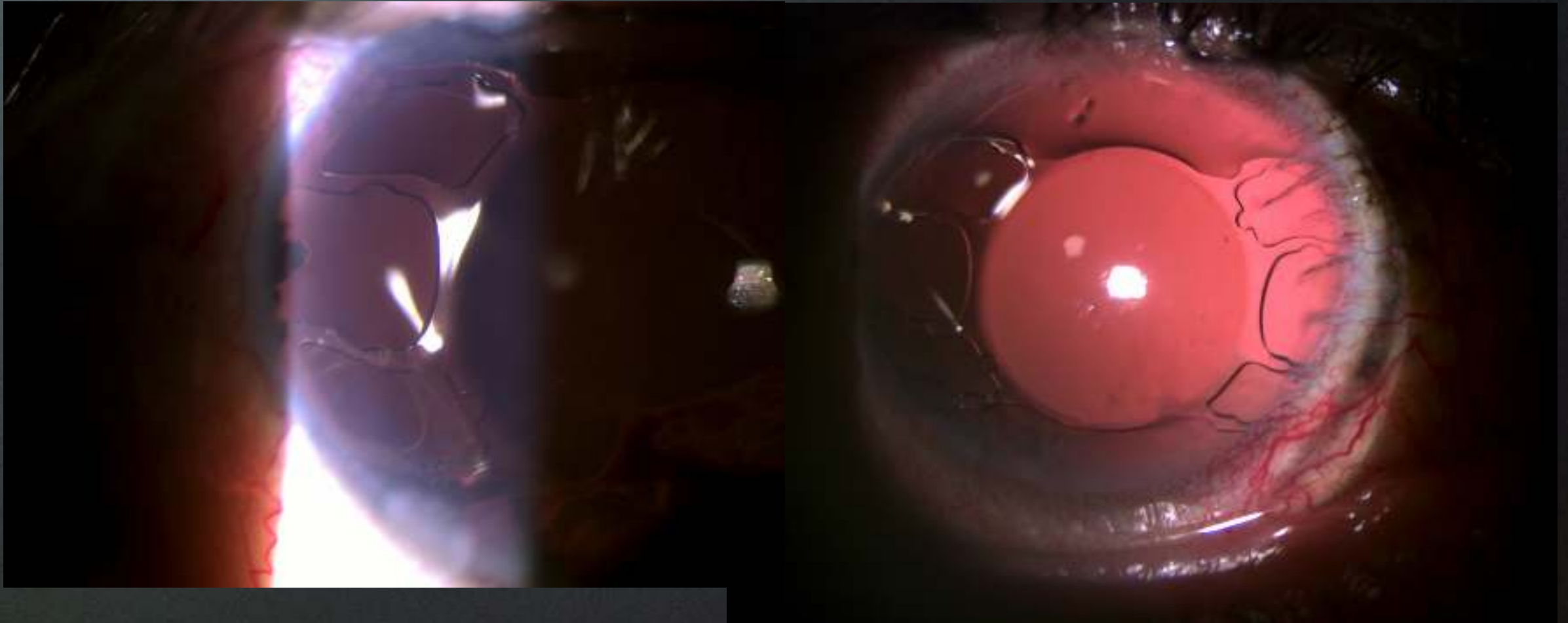
10 months duration
with no other intervention
(gas, oil, re-operation)

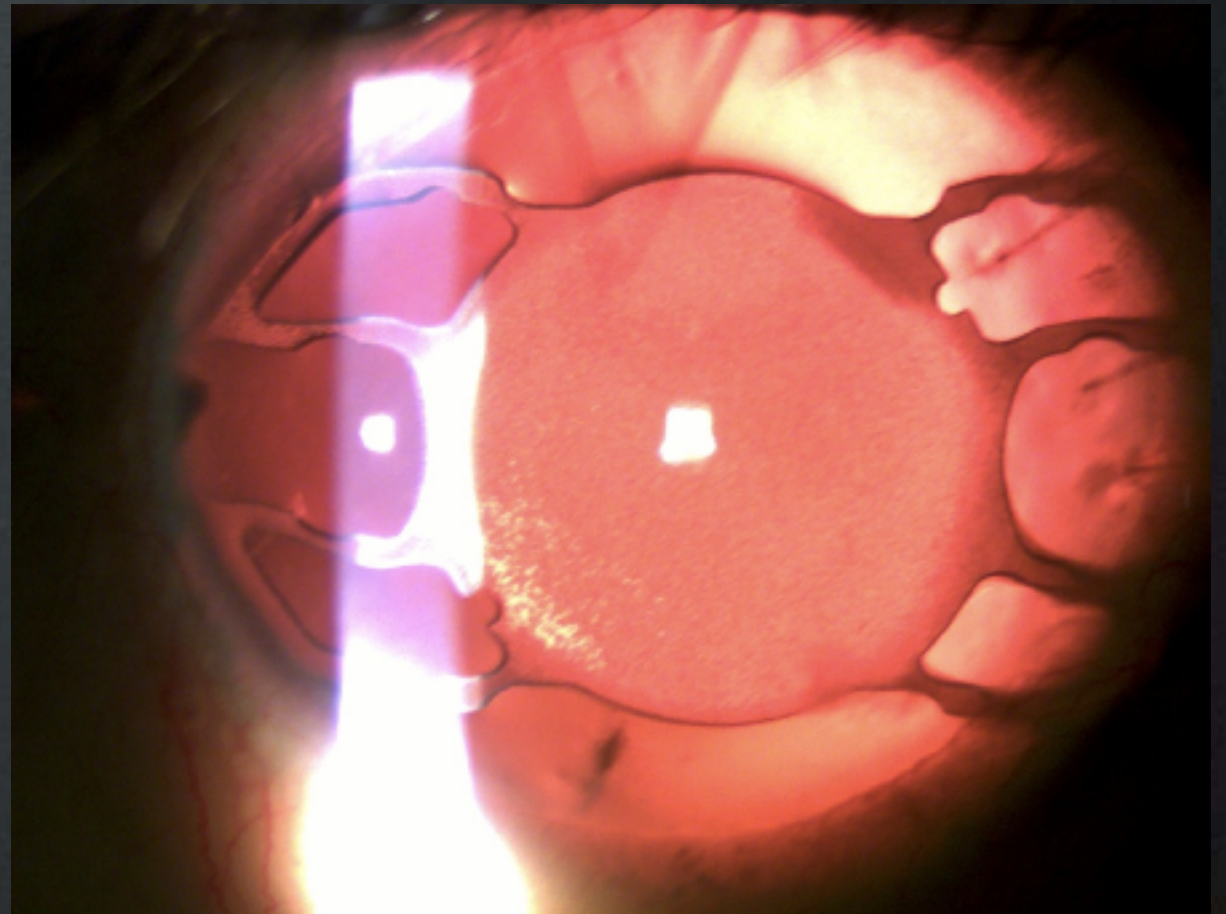
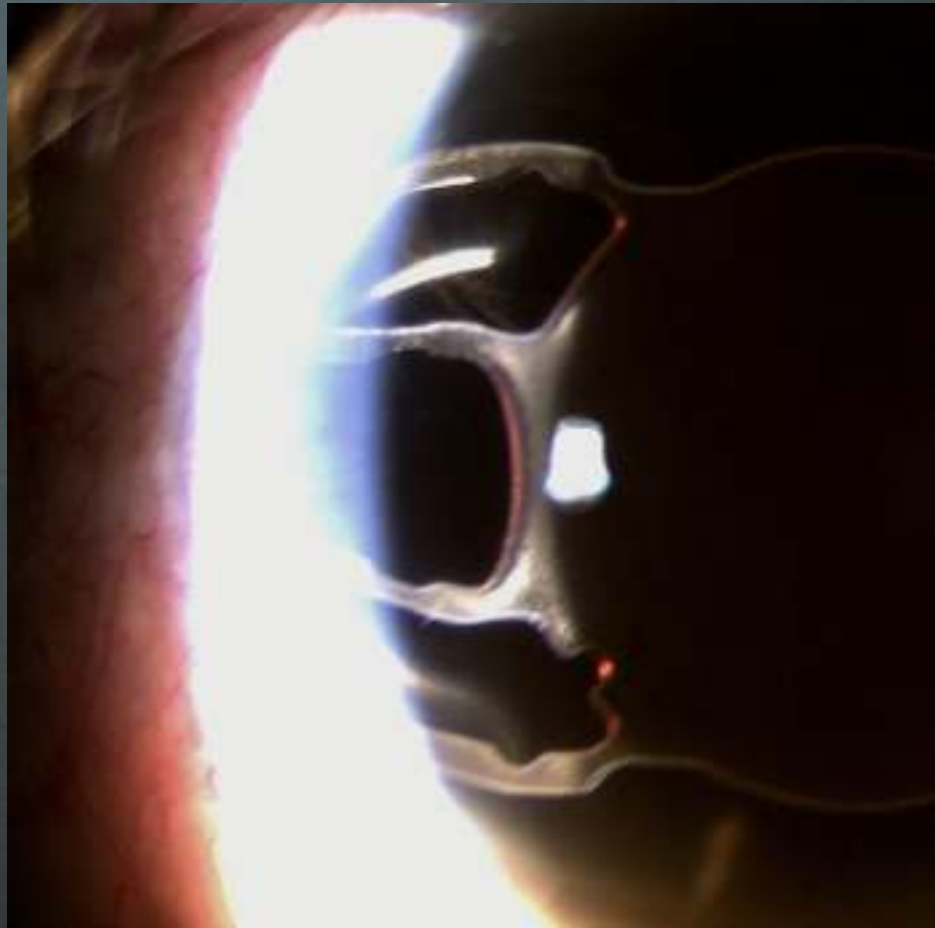


Courtesy: E. Manoussakis

In aniridia prevents photophobia and keeps well S.O. in. PC.

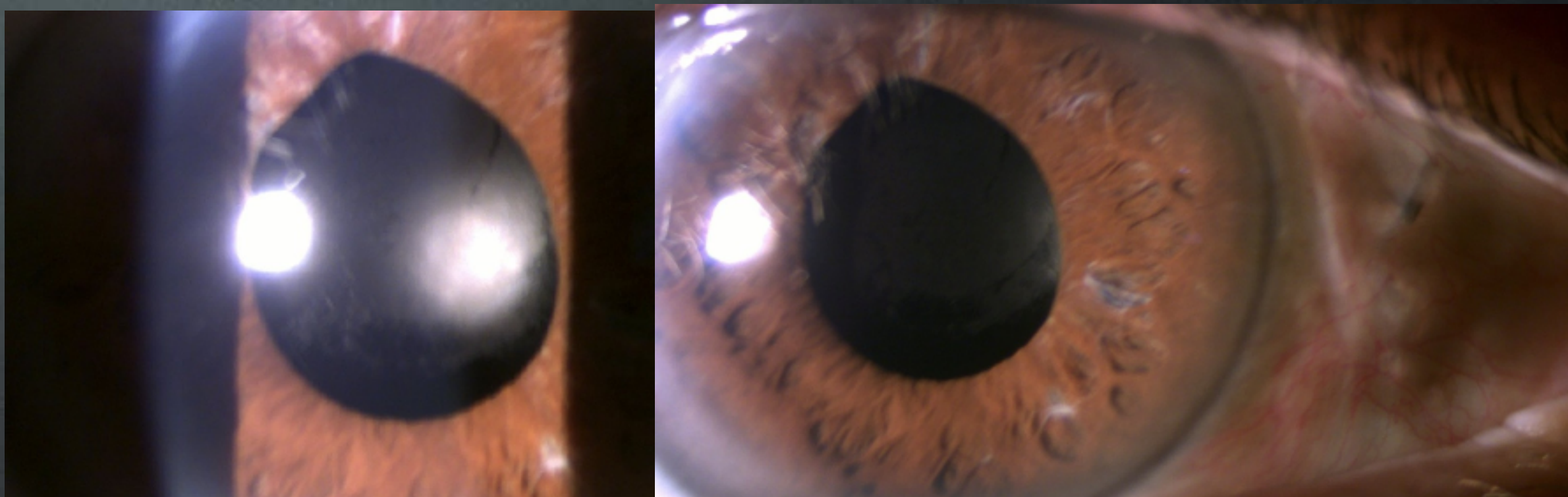
70 yo male, post trauma aphakia, aniridia, giant tear, RD vitreous haemorrhage





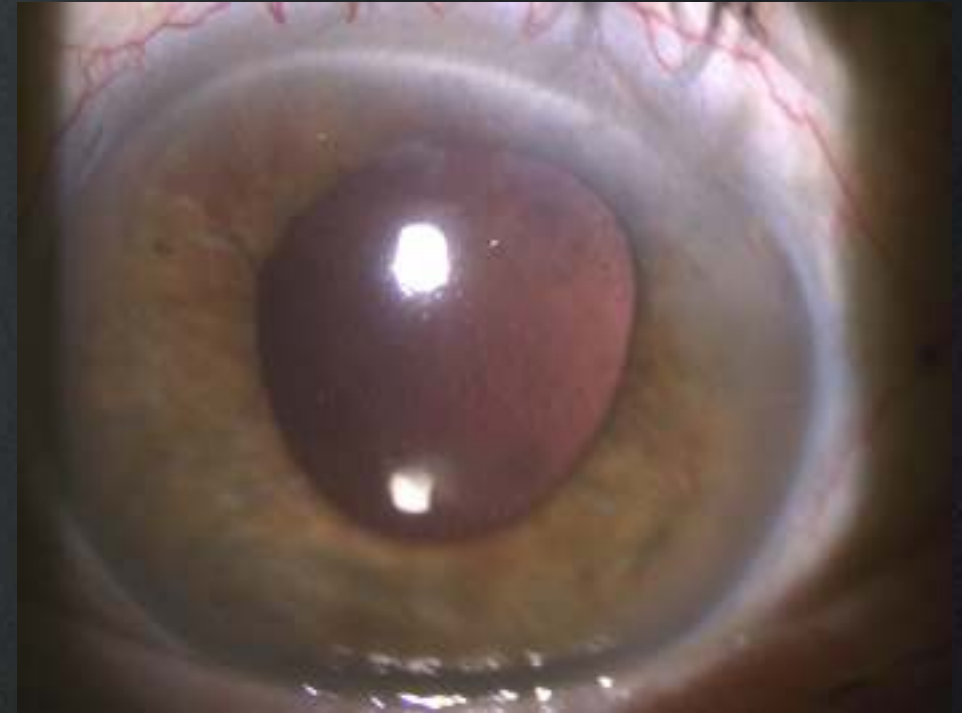
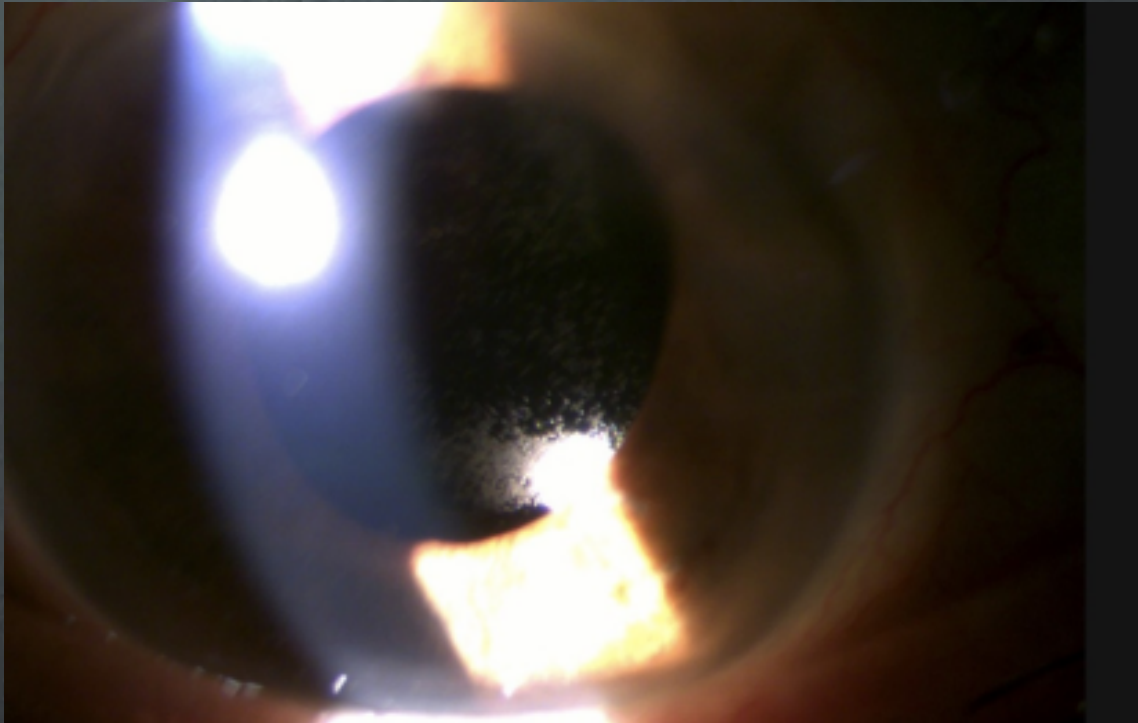
After 16 moths from surgery

Haziness of the optical part



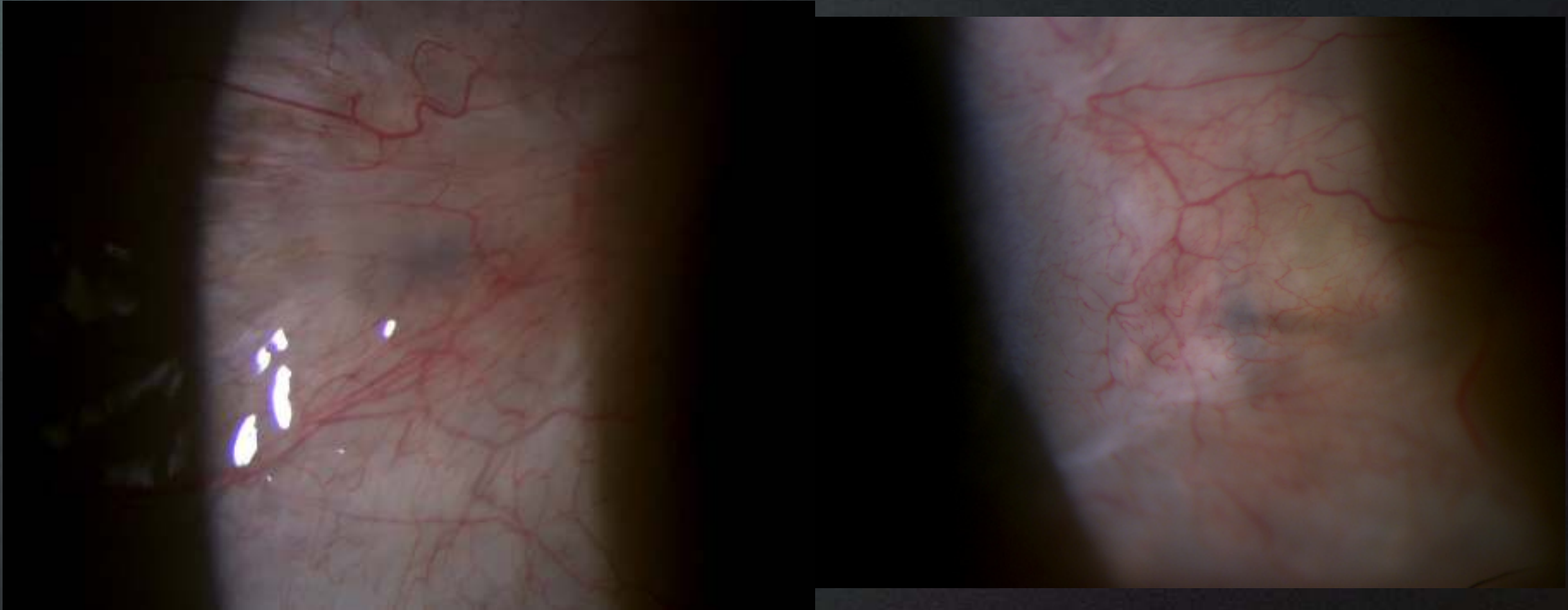
After RD surgery and gass

Haziness of the optical part

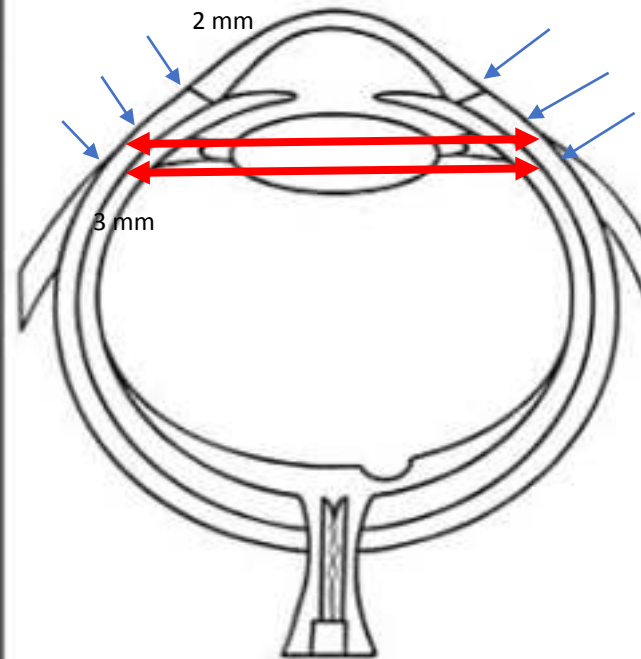


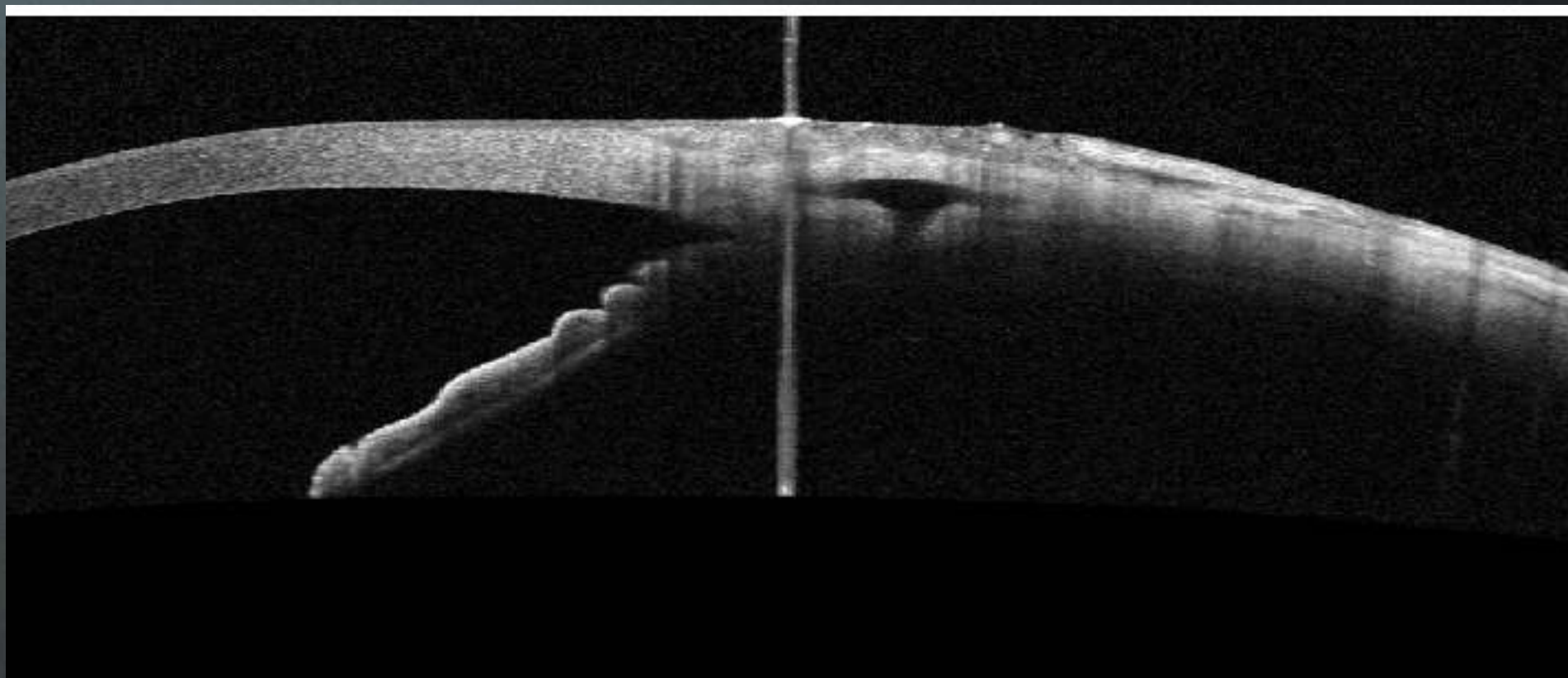
After RD surgery and gass

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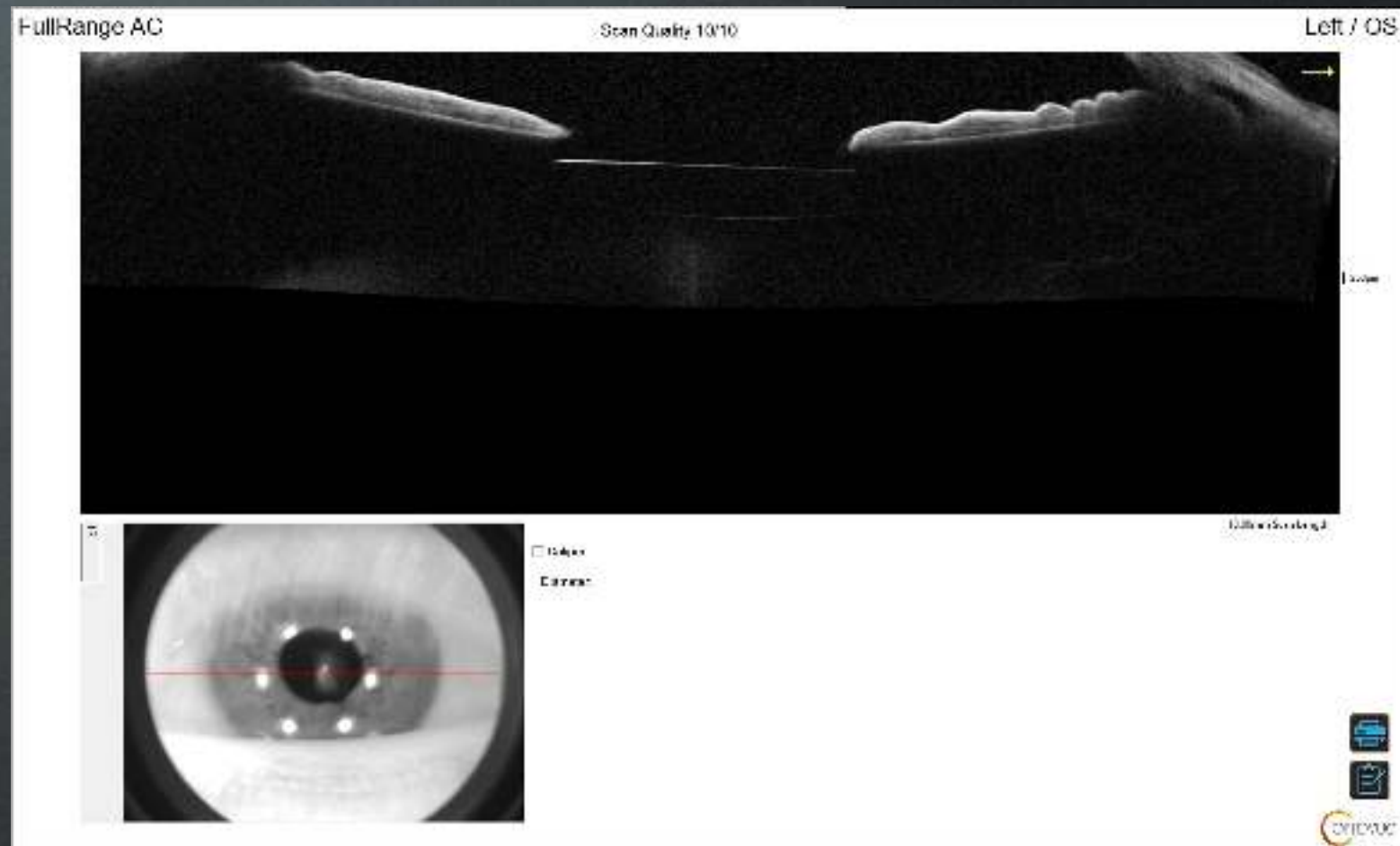


Conjunctival Erosion





Courtesy: G. Batsos



Courtesy: G. Batsos

- New versions:
- 1. hydrophobic coating of the IOL
- 2. hydrophobic IOL



Thank you very much!!