



OPHTHALMOLOGY: OUR RESOURCES





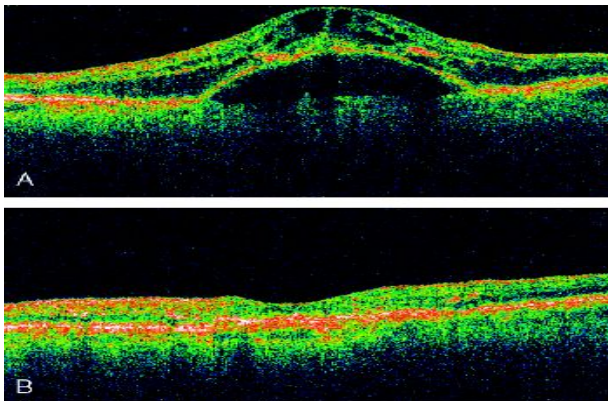
UP-TO-DATE DIAGNOSTIC METHODS



OPTICAL COHERENCE TOMOGRAPHY



Stratus OCT



Non-invasive optical diagnostic techniques that would provide images of high resolution for the measurement and diagnosis of ocular tissues, it useful for management and follow-up of eye pathology



OPTICAL COHERENCE TOMOGRAPHY OF ANTERIOR EYE SEGMENT

◎ *Visante OCT*





OCT OF ANTERIOR EYE SEGMENT

- provides high-resolution anterior chamber images;
- measurement of anterior segment ocular structures, including anterior chamber depth (ACD), anterior chamber angles, corneal thickness
- allows to evaluate the potential risk of glaucoma, complications for cataract surgery



THE NON-MYDRIATIC FUNDUS CAMERA SYSTEM FROM CARL ZEISS



TF



- **Brilliant true color retinal images**
- **Automontage for panoramic retinal overviews**
- **Documentation of the results and possibility of subsequent management of the disease**

The Non-Mydriatic Fundus Camera

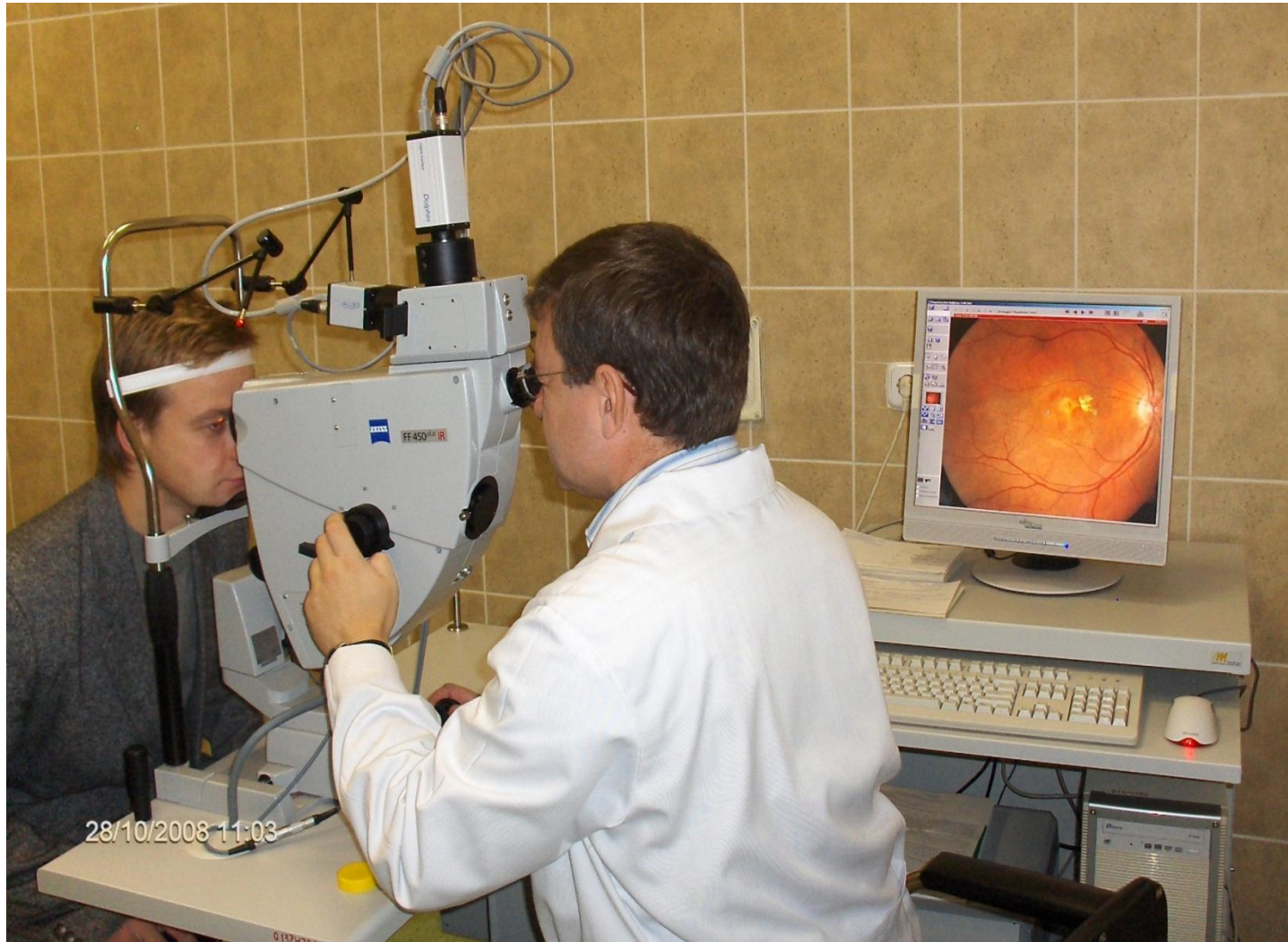


Ultrasound eye examination





Fluorescein angiography





OPHTHALMOSURGERY



OPERATING- ROOM





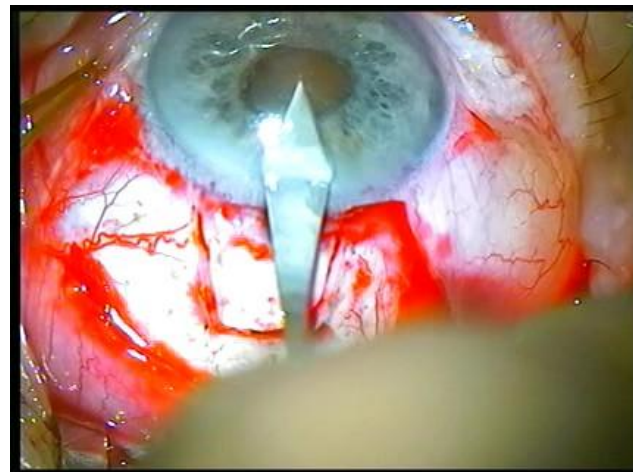
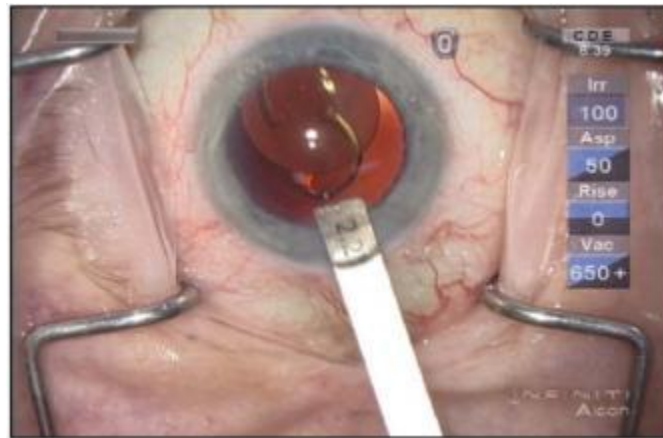
HIGHLY SKILLED OPHTHALMOSURGEONS





PHACOEMULSIFICATION CATARACT SURGERY

- **Microincision (less 2,4 mm) – without sutures;**
- **Decrease of post-operative astigmatism**
- **Decrease of possible intra- and post-operative complications**





Premium-class phacomashines

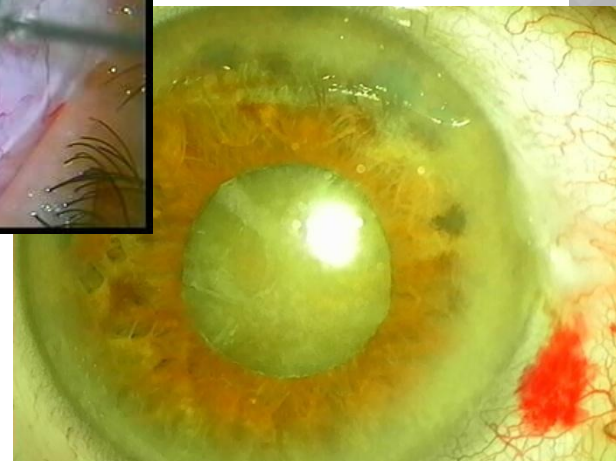
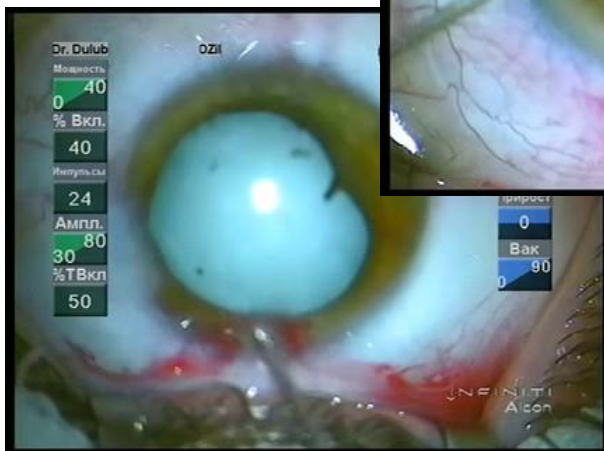
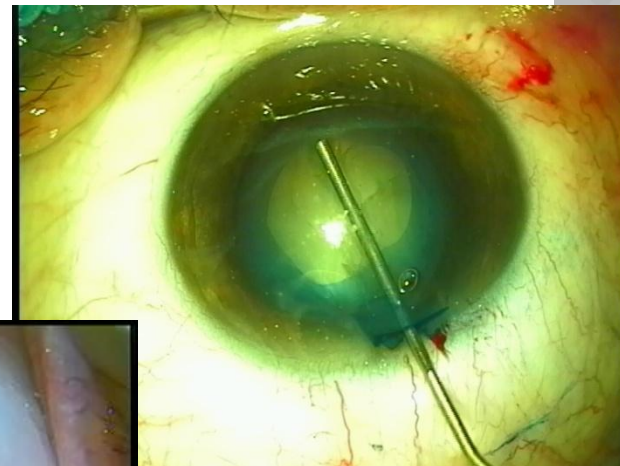


Infiniti



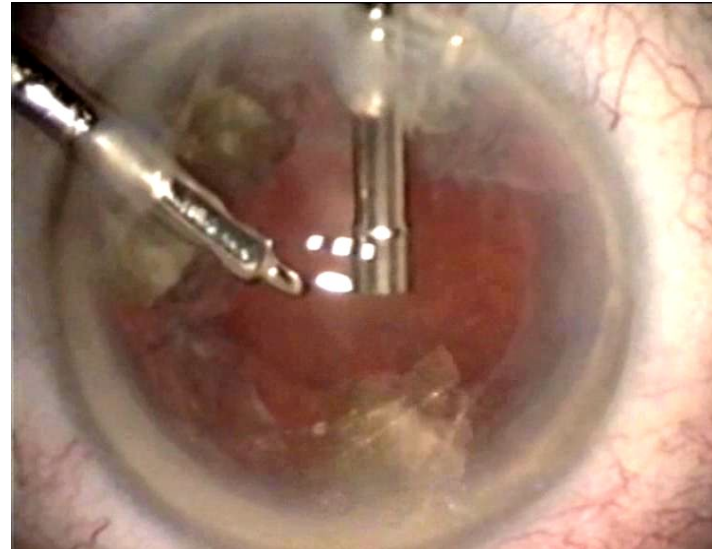
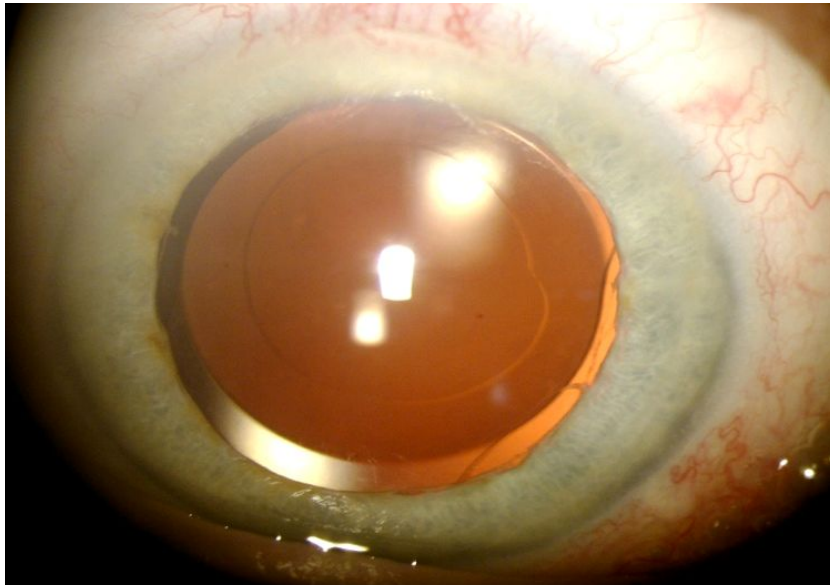
Accurus

PHACOEMULSIFICATION OF DIFFERENT TYPES OF CATARACT





PHACOEMULSIFICATION CATARACT «WITH WATER»





IOL-MASTER FOR IOL POWER CALCULATION



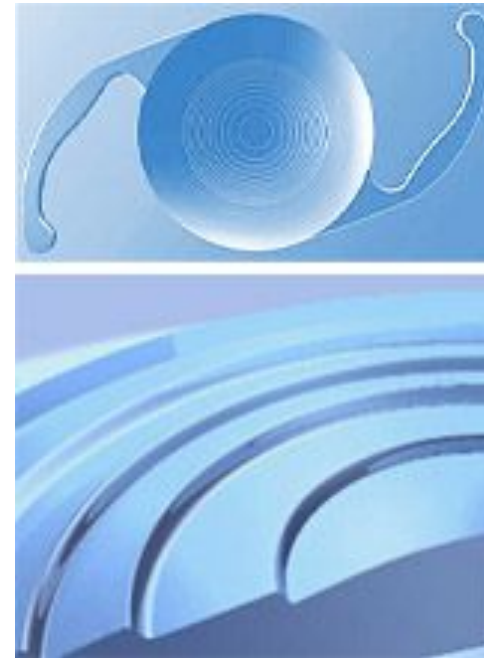
Quickly and accurately!



EXCELLENT VISION AT MULTIPLE DISTANCES

Acrysof IQ ReSTOR +3,0D:

- vision at near, intermediate and distance
- **not needing glasses**



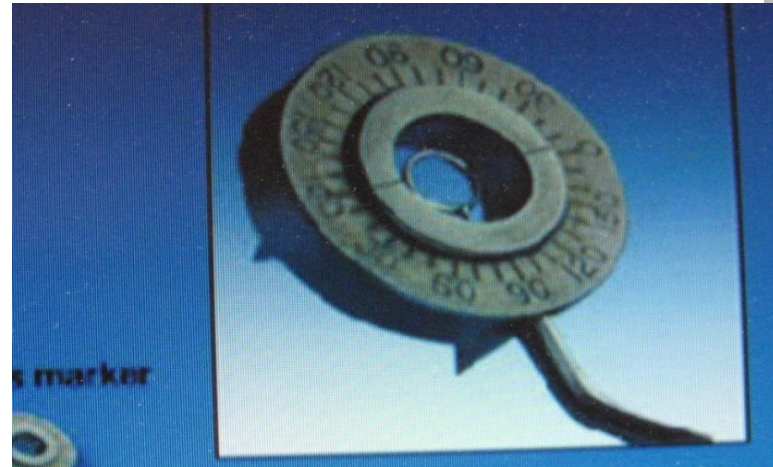
**AcrySof® ReSTOR®
ASPHERIC +3**

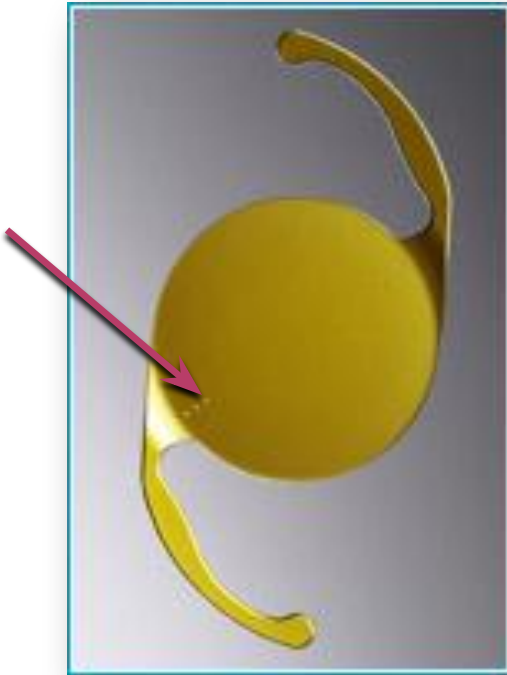


TORIC IOL FOR PRECISE ASTIGMATISM CORRECTION



mark the cornea prior to implantation



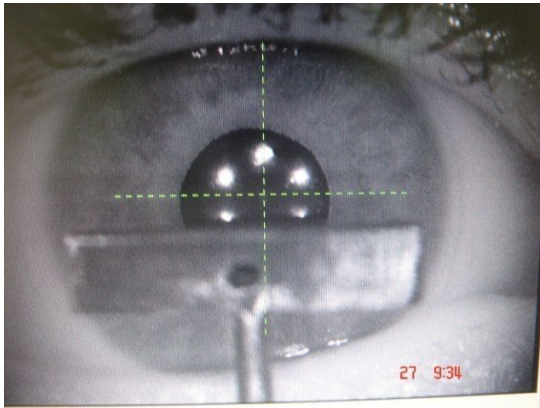
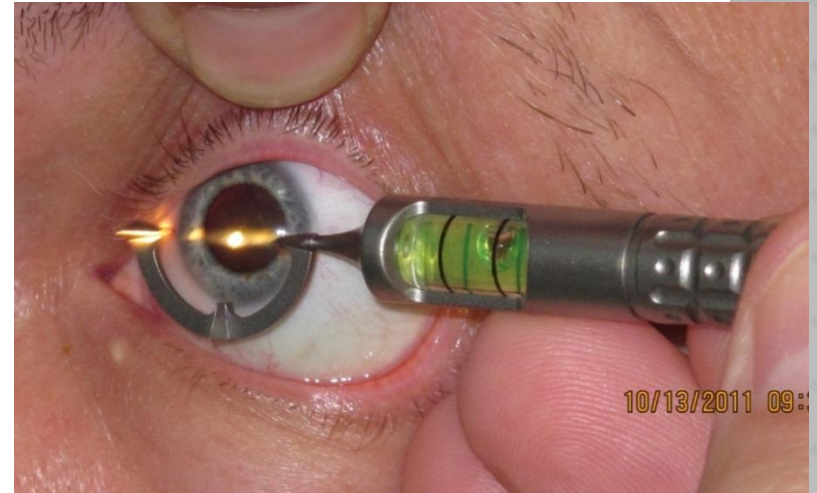


Toric IOL

◎ New quality of vision

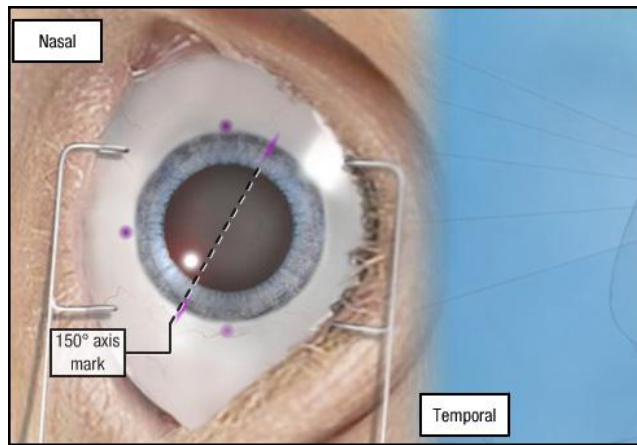
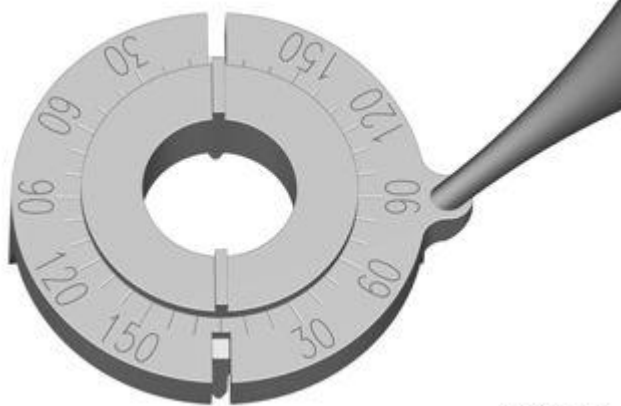
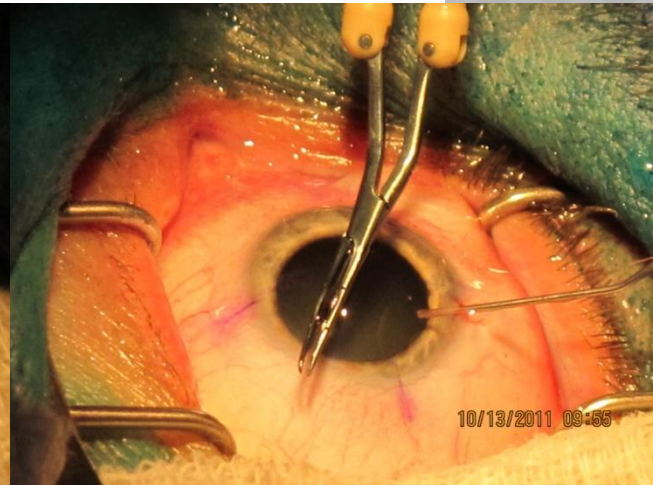
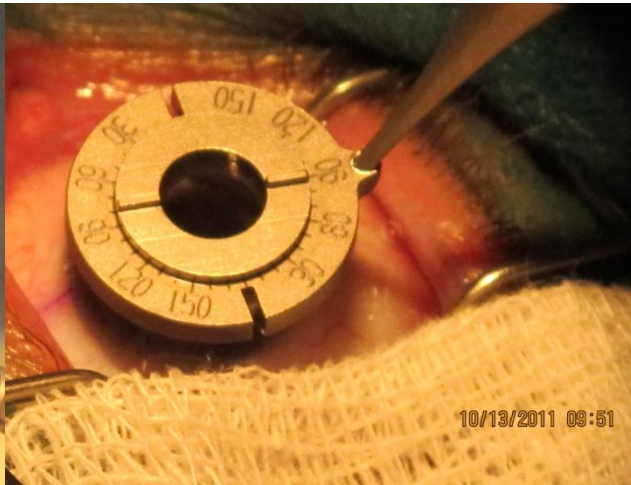
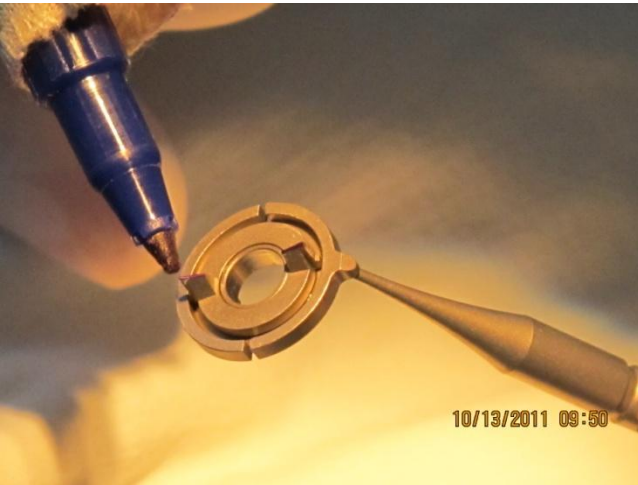


MARK THE CORNEA PRIOR TO IMPLANTATION

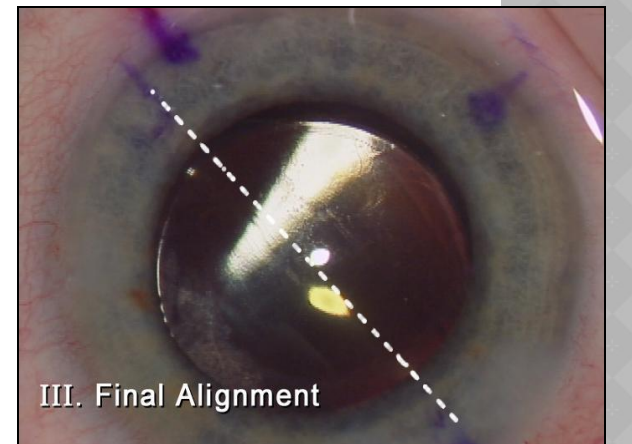
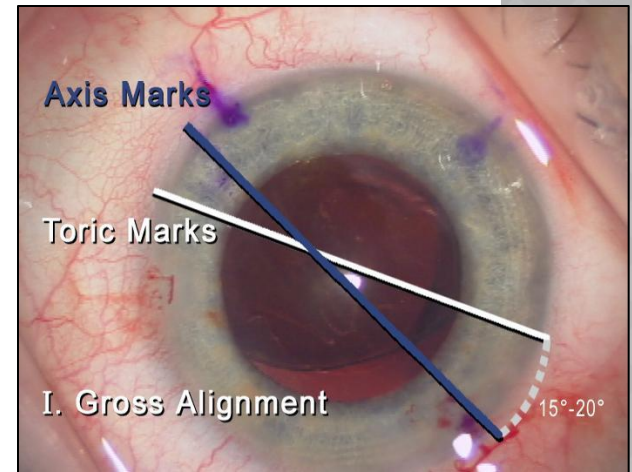


With the patient sitting upright and looking at a distance target, the cornea is marked at the 3:00 and 9:00 positions

IN OPERATING-ROOM



Asico LLC

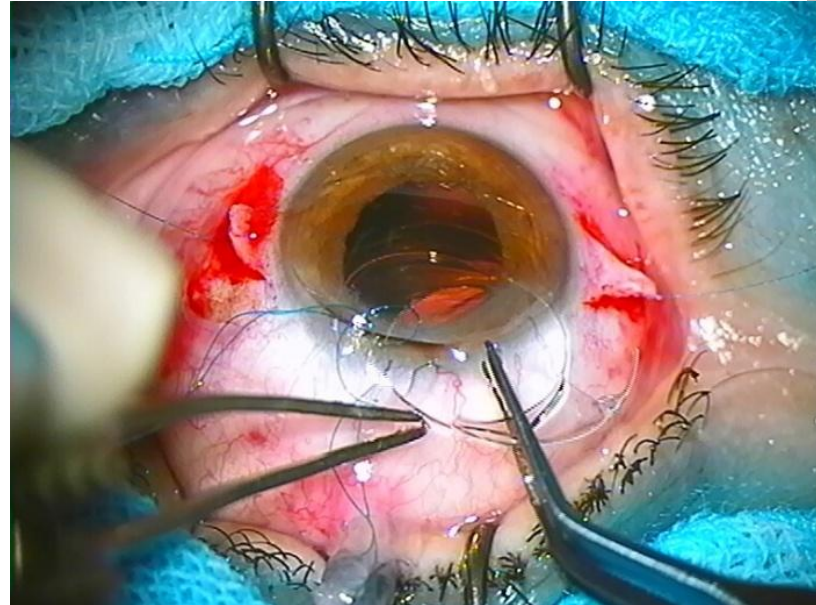




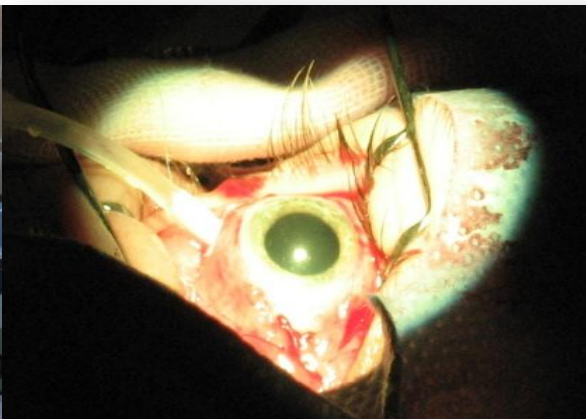
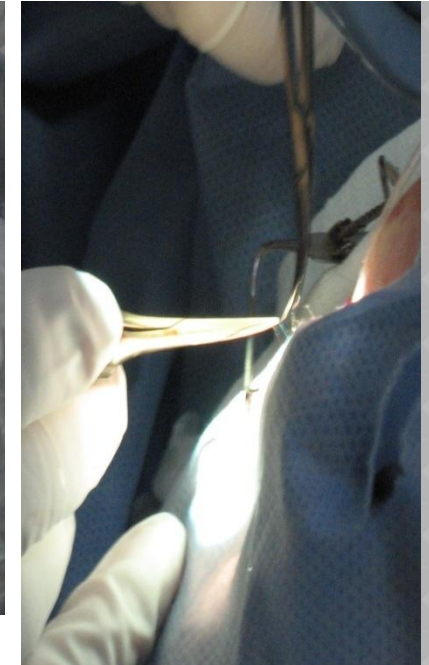
IMPLANTATION OF IOL WITH SULCUS FIXATION

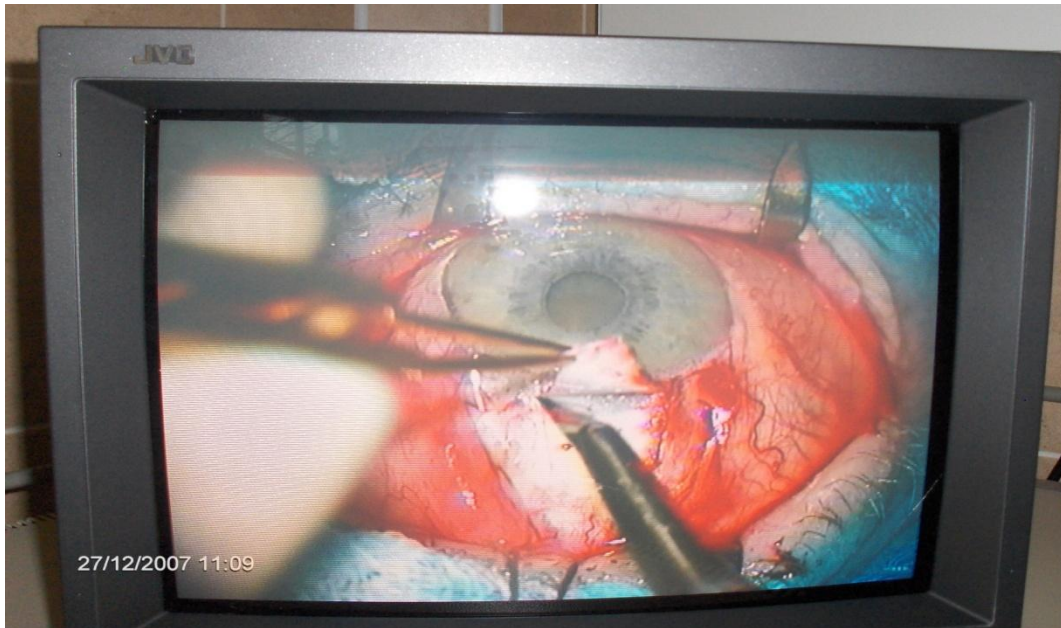
In cases:

- after eye trauma
- in post-operative aphakia
- in zonulla thickness



VITREO-RETINAL SURGERY



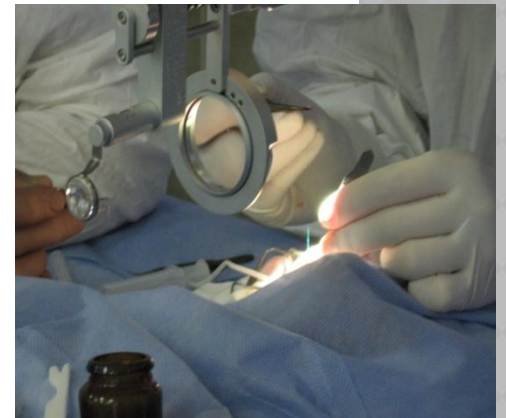




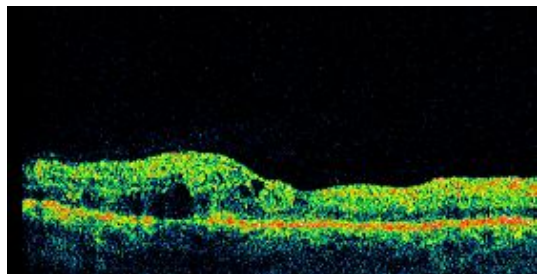
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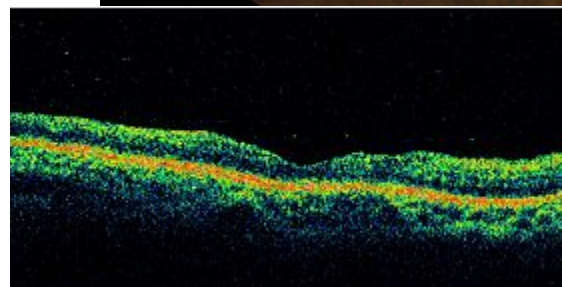
BIOM



VITRECTOMY WITH ENDOLASERCOAGULATION



До операции



После операции

Before surgery

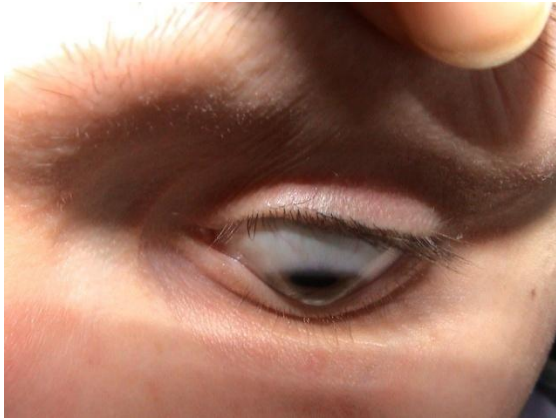


After Surgery

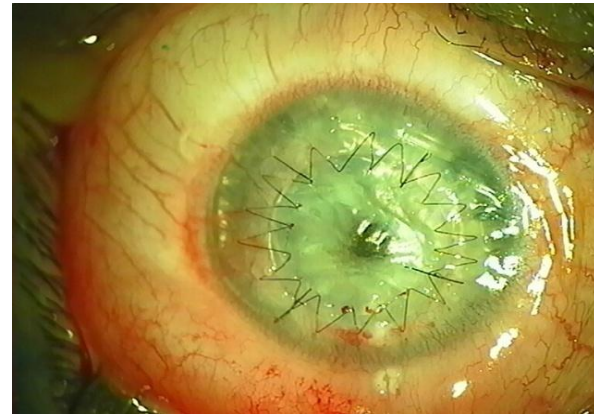
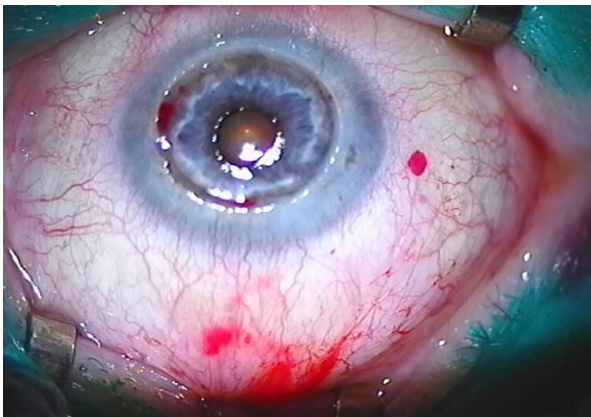




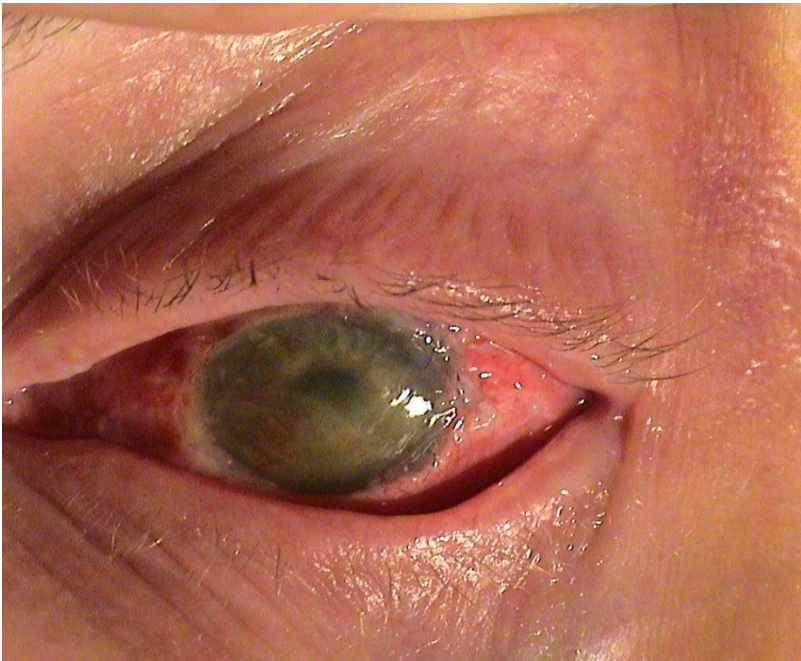
CORNEAL TRANSPLANTATION



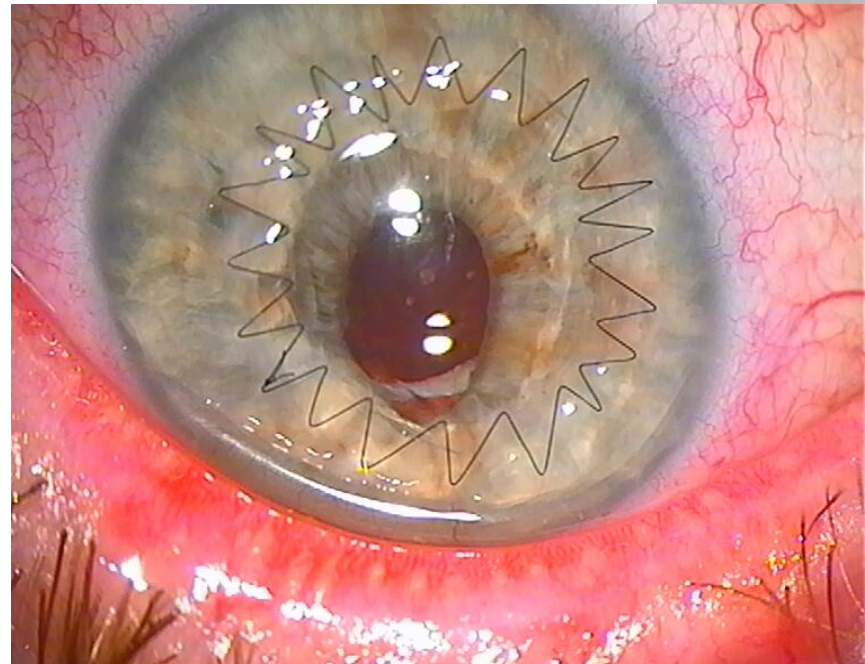
- Keratoconus
- **Endothelial-epithelial corneal dystrophy**
 - scarring due to keratitis



Penetrating keratoplasty



Before surgery



After surgery