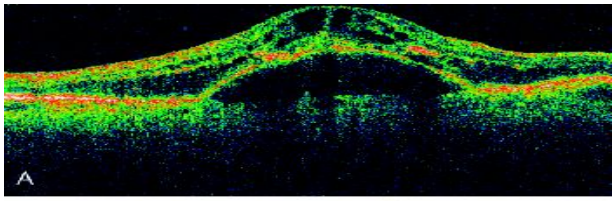
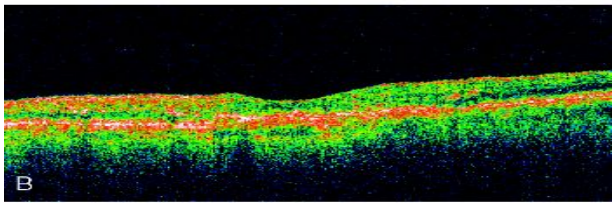
OPHTHALMOLOGY: OUR RESOURCES

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

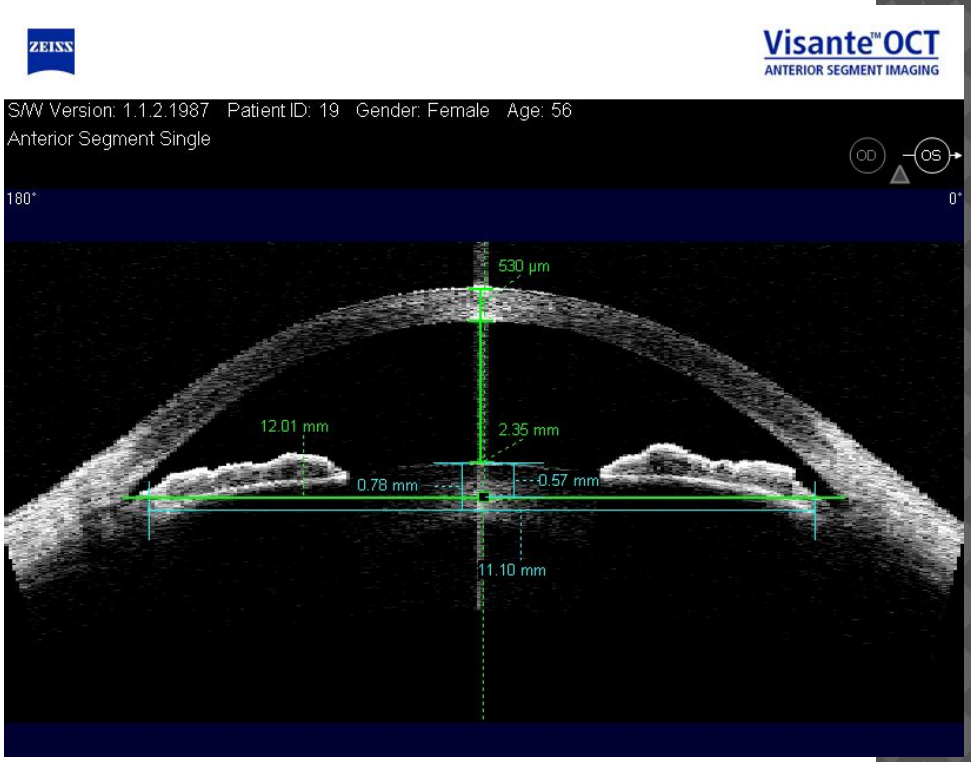
- ***Visante OCT***

OCT OF ANTERIOR EYE SEGMENT

- provides high-resolution anterior chamber images;
- measurement of anterior segment ocular structures,

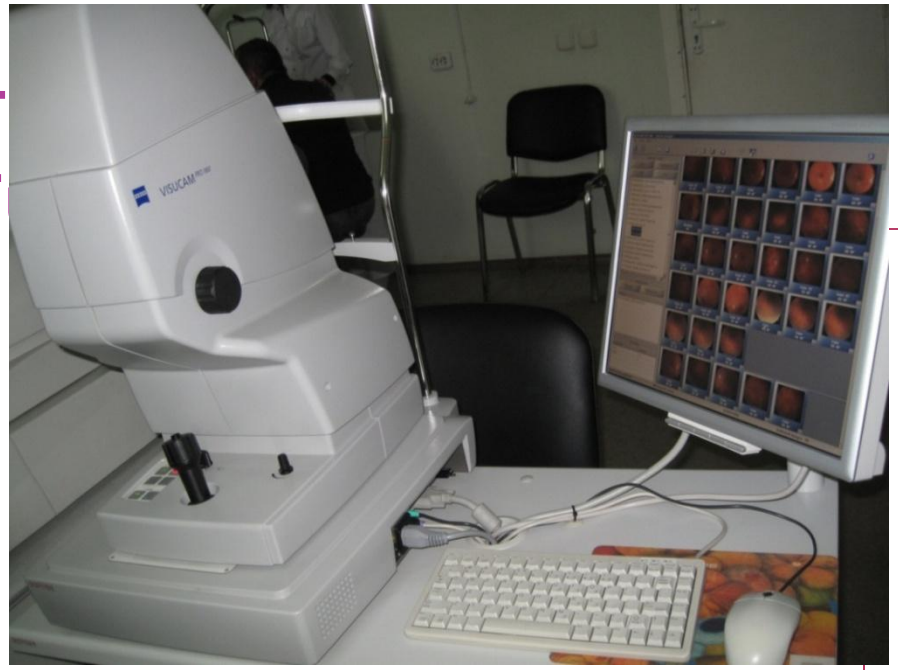
  including anterior chamber depth (ACD), anterior chamber angles, corneal thickness
- allows to evaluate

  the potential risk of glaucoma, complications for cataract surgery



THE NON-MYDRIATIC FUNDUS CAMERA SYSTEM FROM CARL ZEISS

- T
F

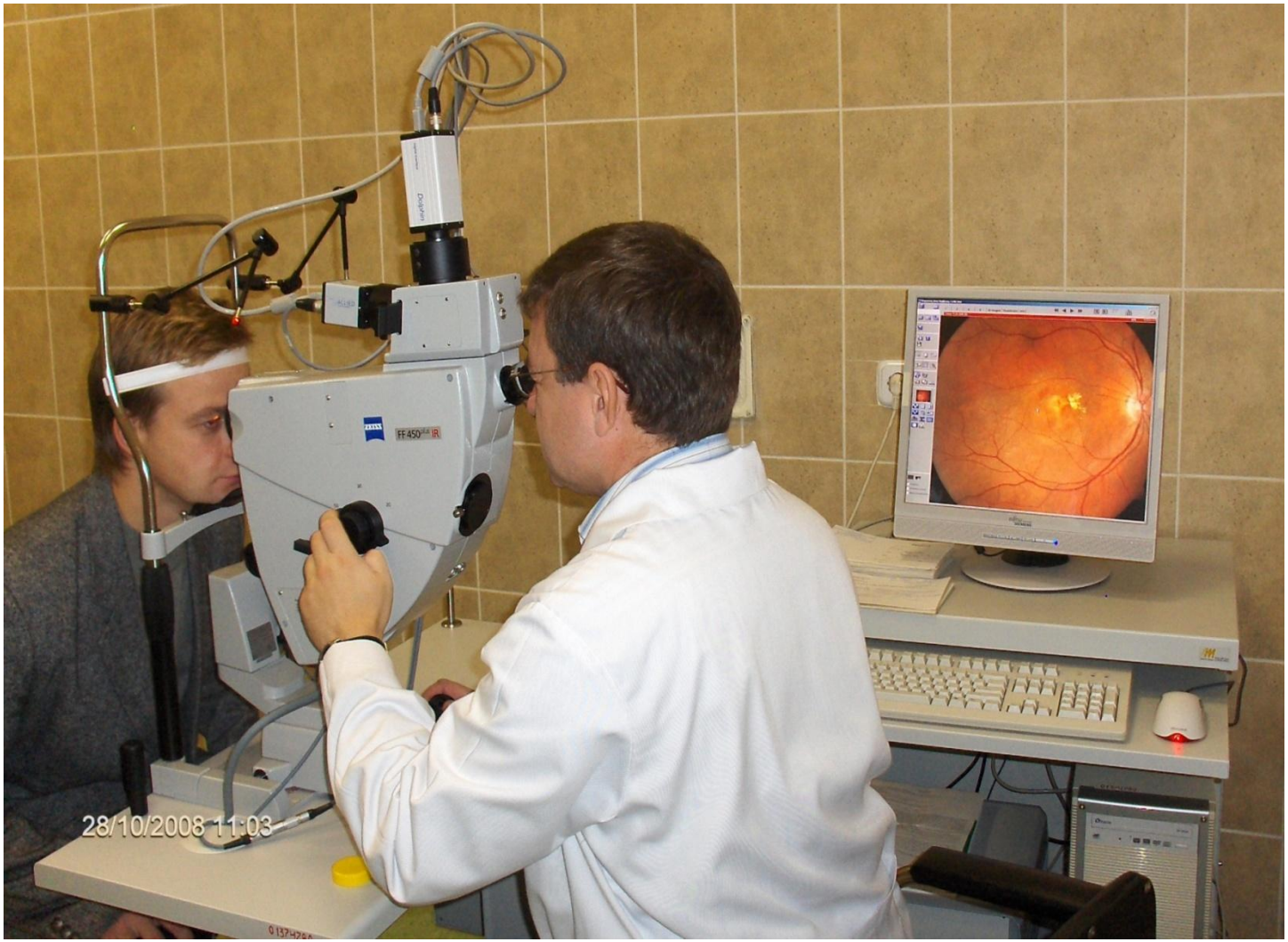


The Non-Mydriatic Fundus Camera

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

Ultrasound eye examination

Fluorescein angiography



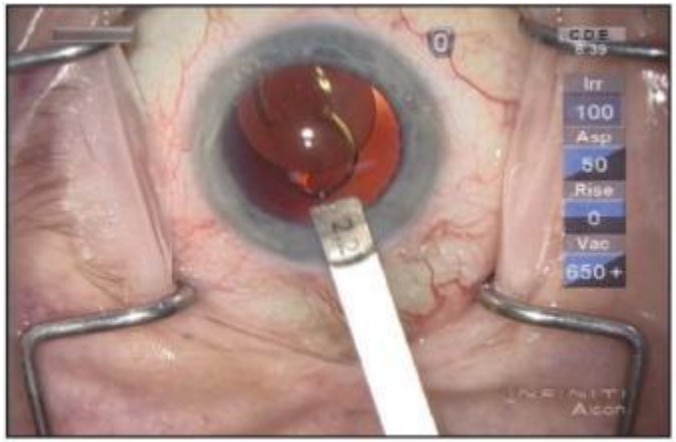
OPHTHALMOSURGERY

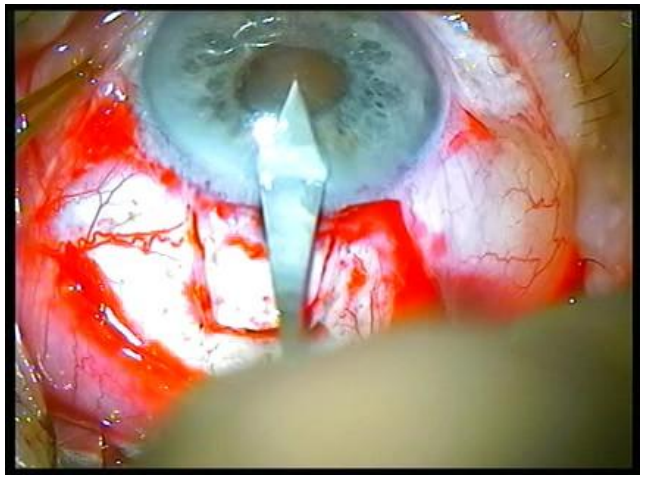
OPERATING- ROOM

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**



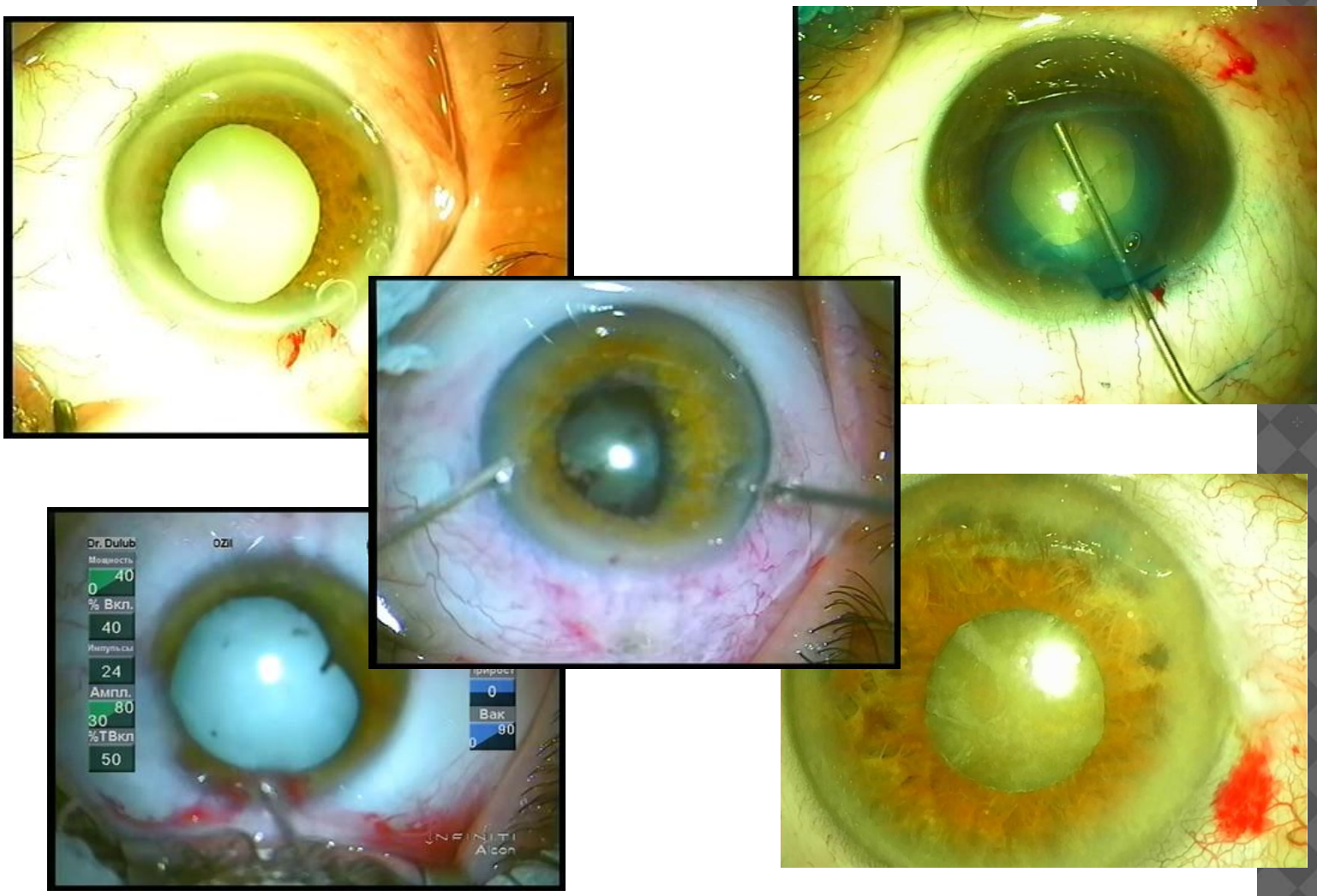


Premium-class phacomashines

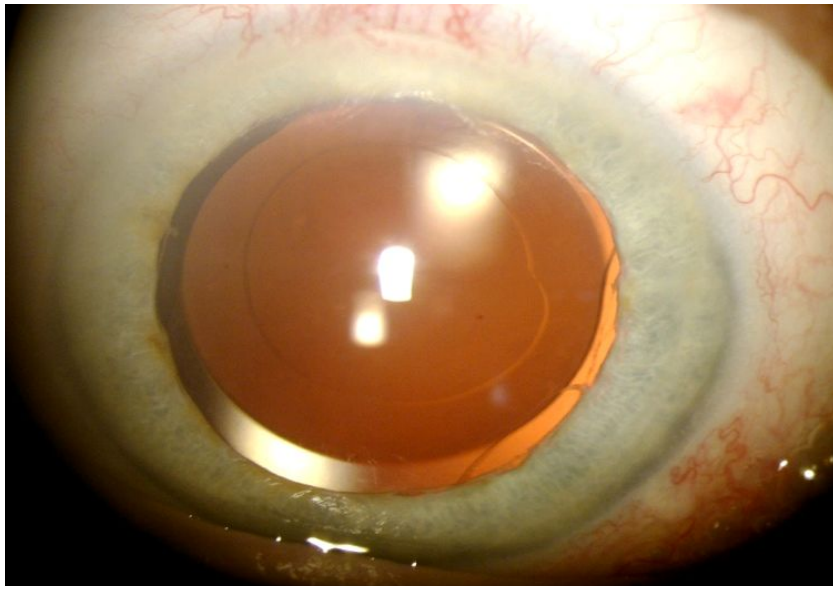
Infiniti

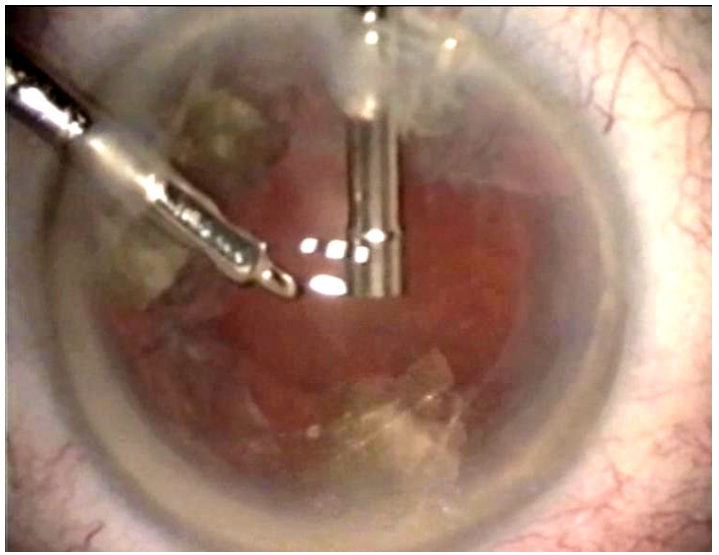
Accurus

PHACOEMULSIFICATION OF DIFFERENT TYPES OF CATARACT



PHACOEMULSIFICATION CATARACT «WITH WATER»





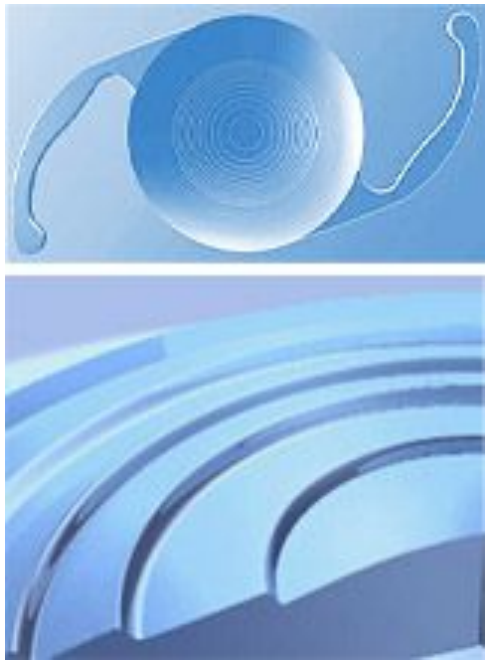
IOL-MASTER
FOR IOL POWER CALCULATION

Quickly and accurately!

EXCELLENT VISION AT MULTIPLE DISTANCES

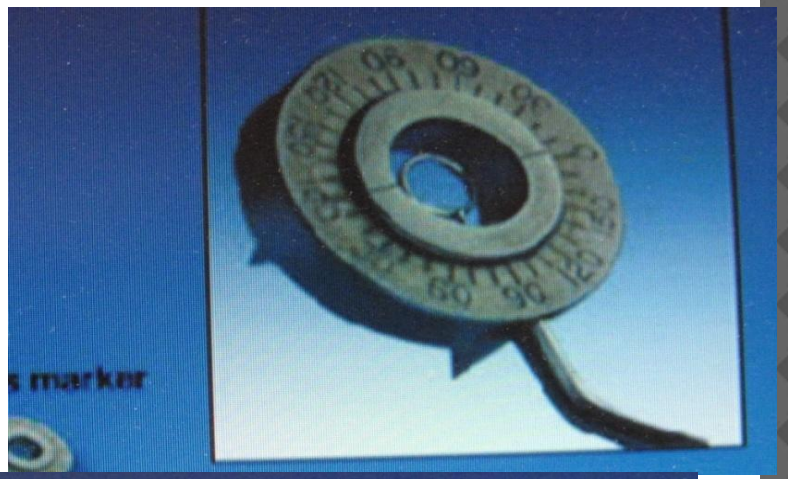
Acrysof IQ ReSTOR +3,0D:

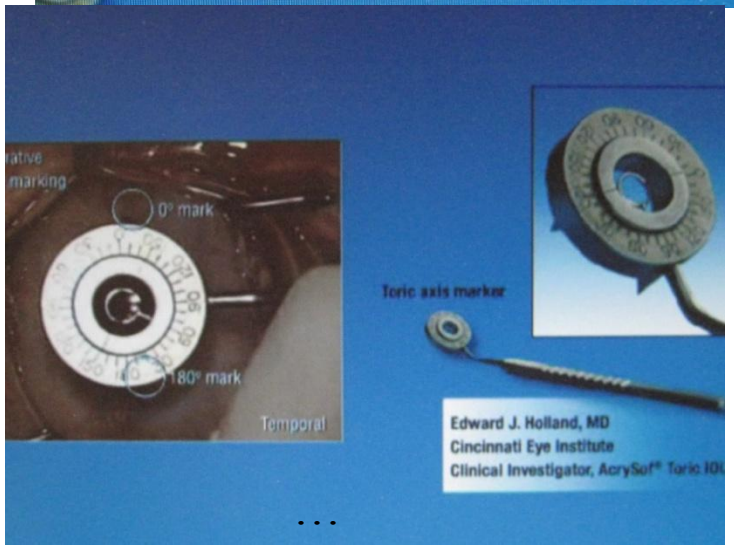
- vision at near, intermediate and distance
- not needing glasses



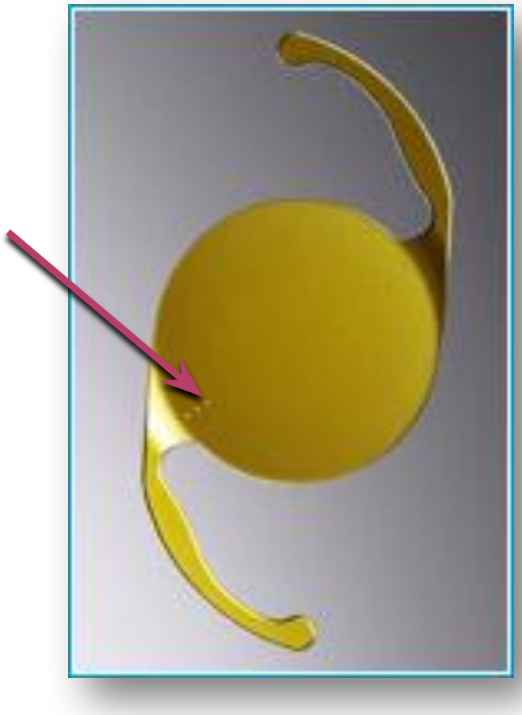
AcrySof® ReSTOR® ASPHERIC +3

TORIC IOL FOR PRECISE ASTIGMATISM CORRECTION





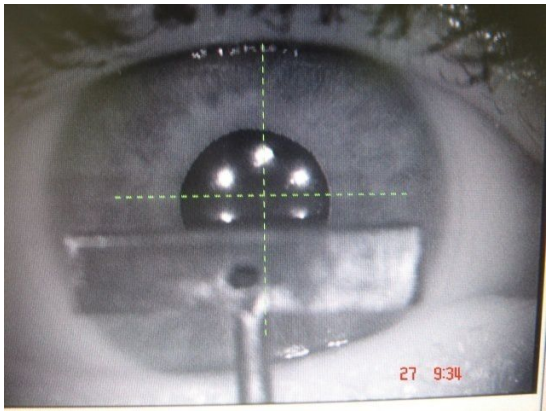
mark the cornea prior to implantation



Toric IOL

- **New quality of vision**

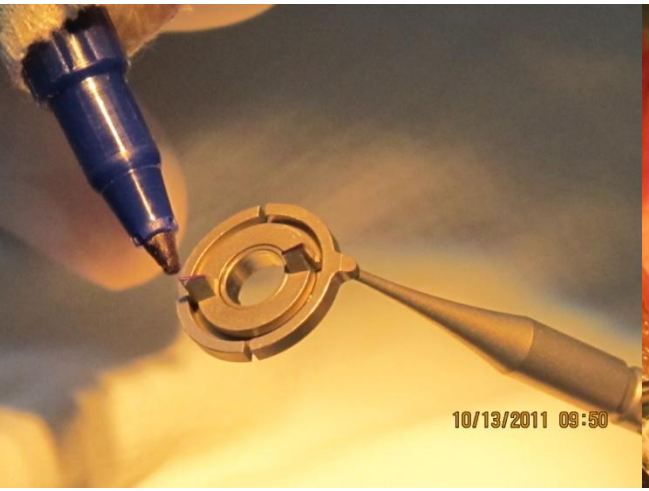
MARK THE CORNEA PRIOR TO IMPLANTATION

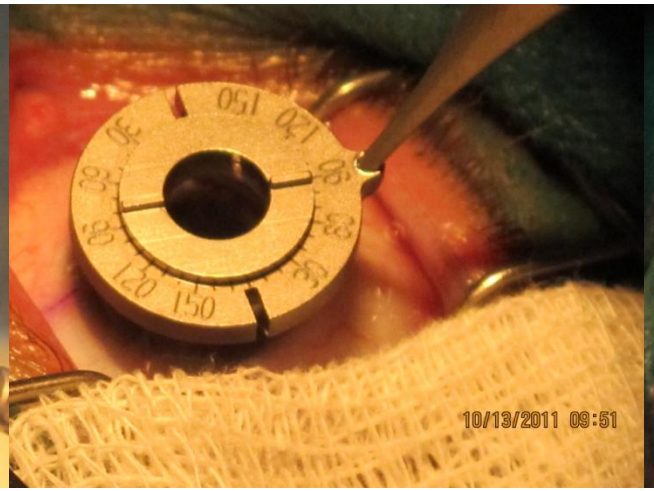


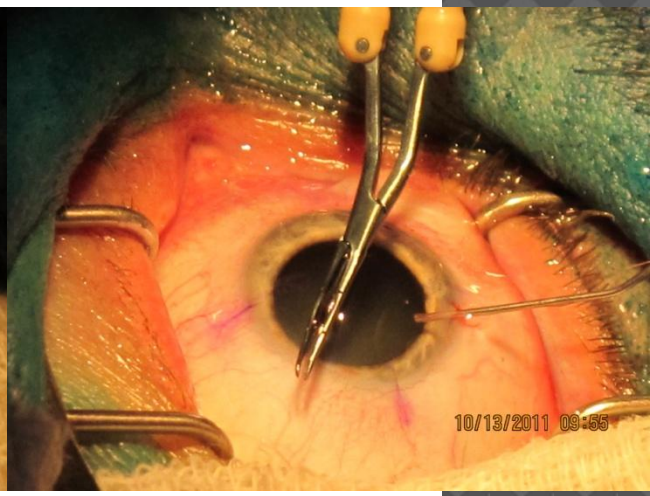
With the patient sitting upright and looking at a distance target, the cornea is marked at the 3:00 and 9:00 positions

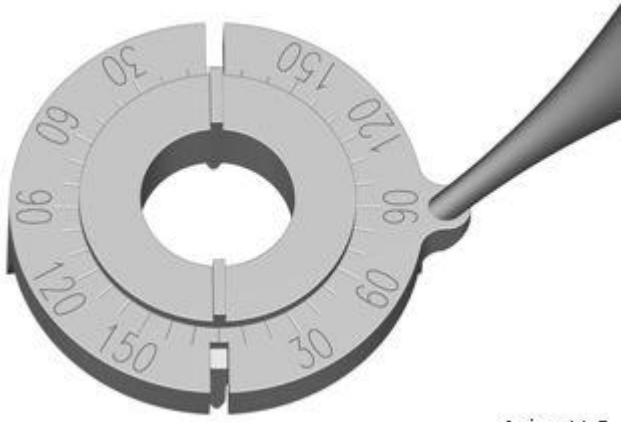
ASICO®

IN OPERATING-ROOM

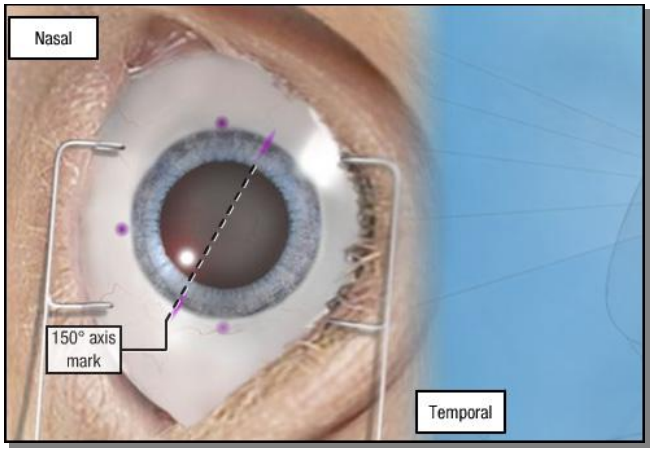


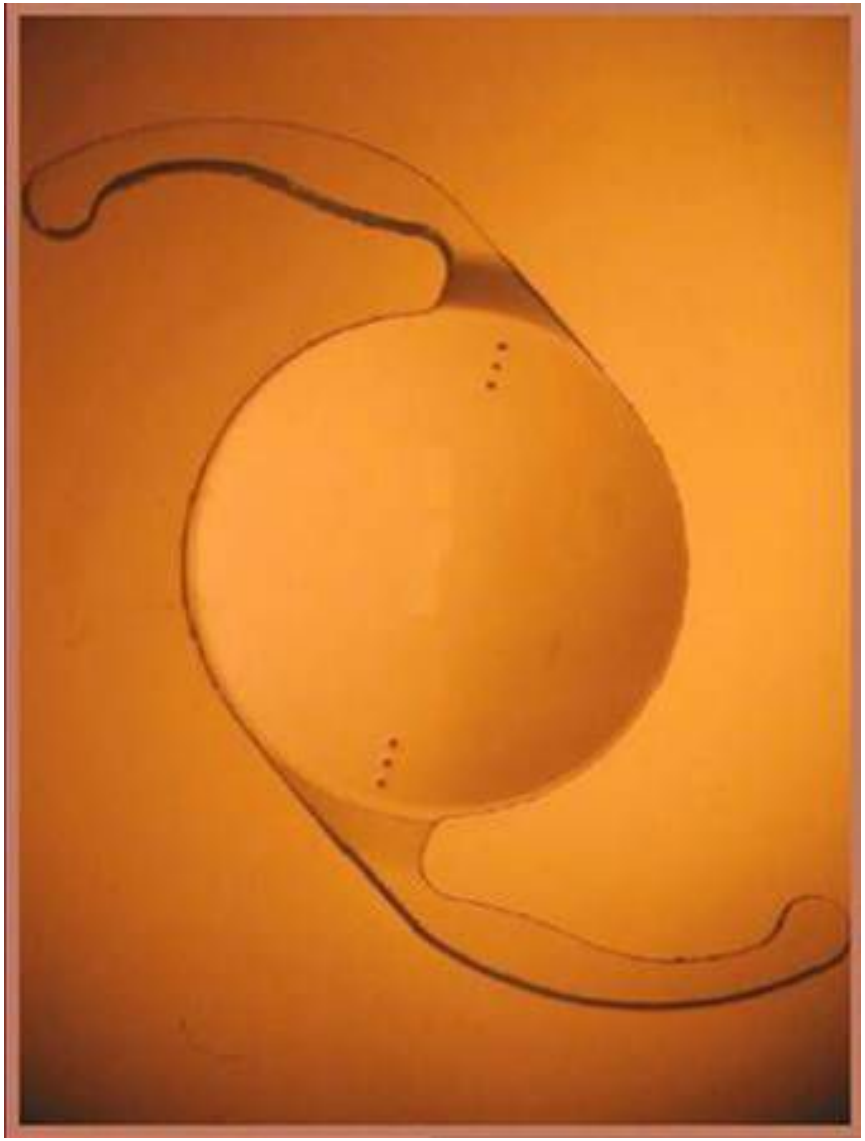


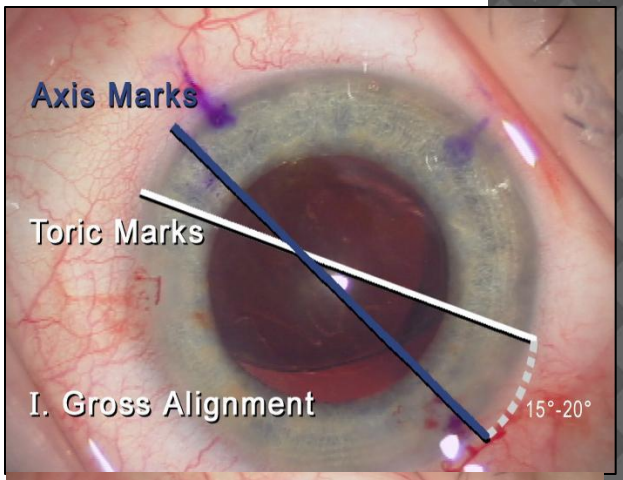




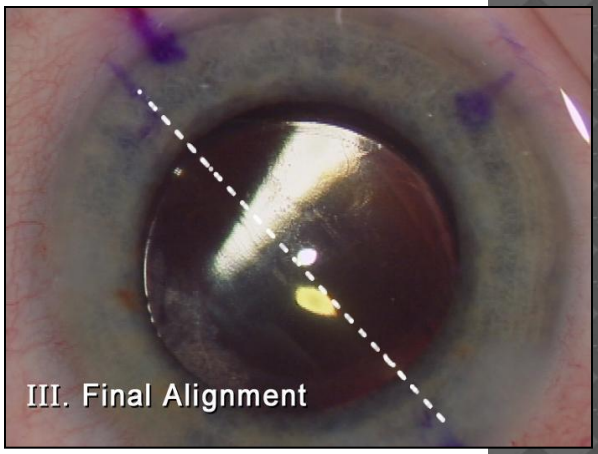
Asico LLC






Axis Marks
Toric Marks
I. Gross Alignment
15°-20°

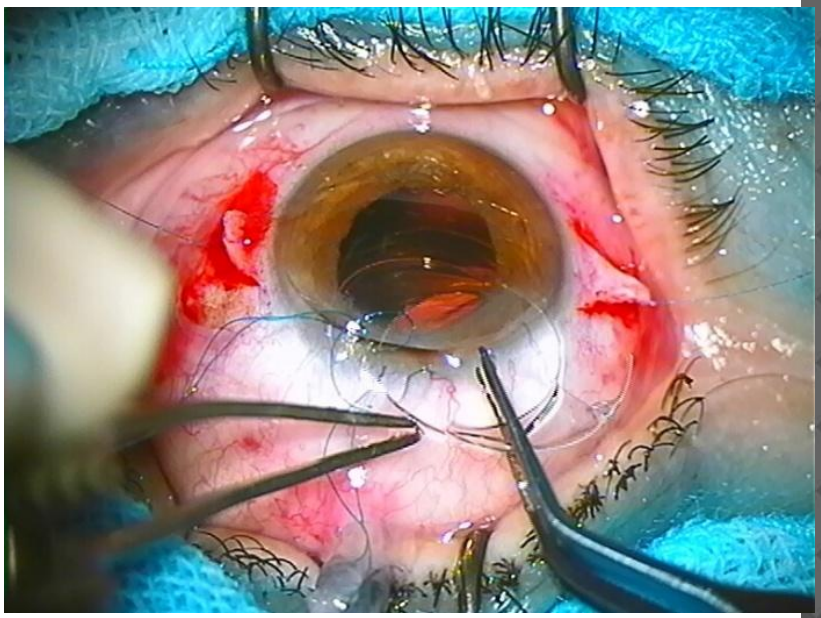

II. Stabilize IOL During OVD Removal


III. Final Alignment

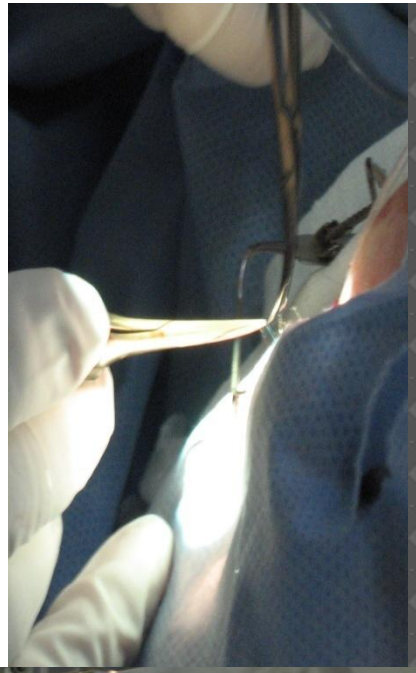
IMPLANTATION OF IOL WITH SULCUS FIXATION

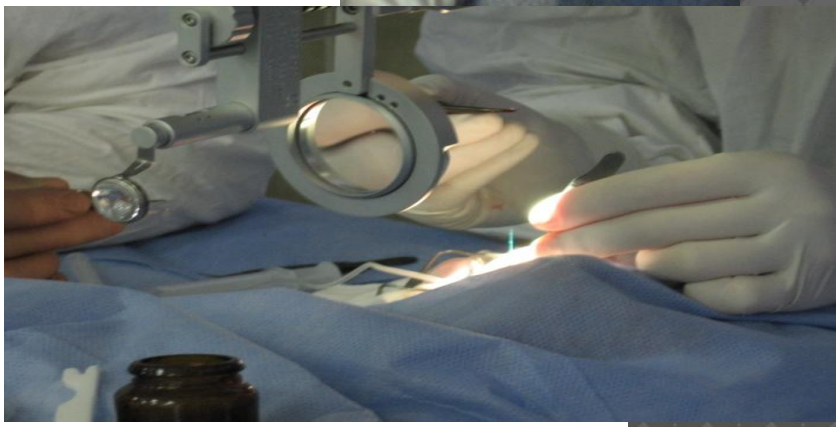
In cases:

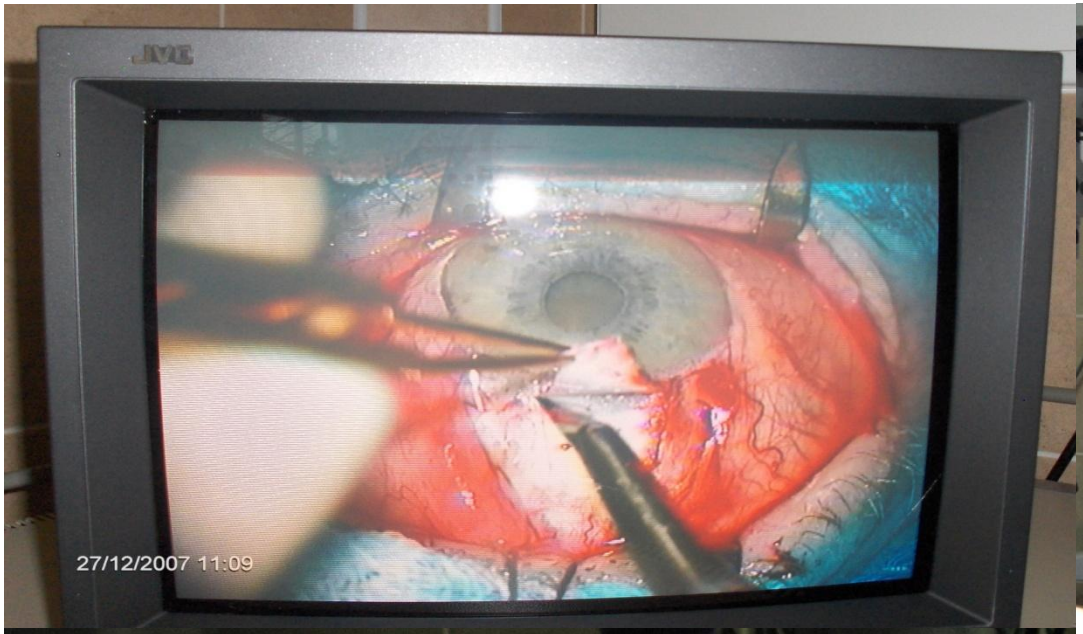
- after eye trauma
- in post-operative aphakia
- in zonulla thickness

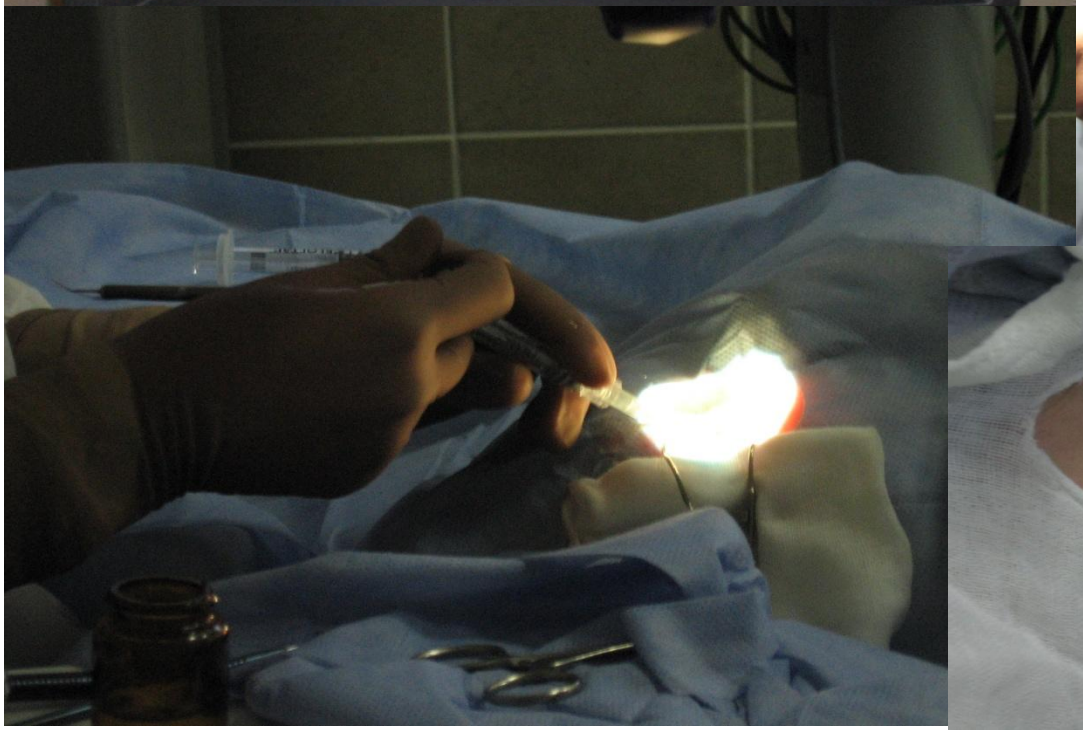


VITREO-RETINAL SURGERY



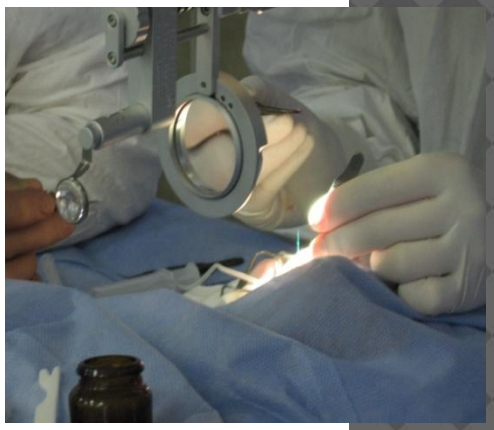



JVC
27/12/2007 11:09

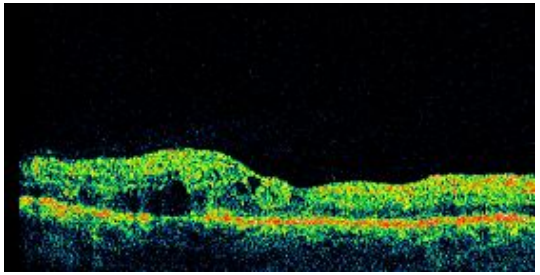


Accurus

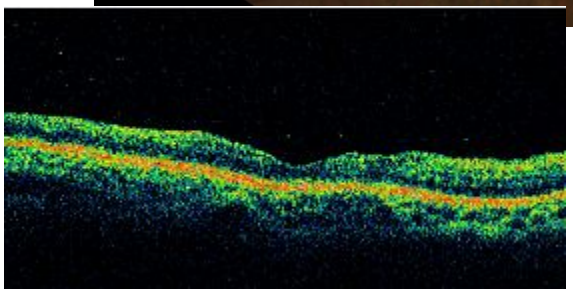
BIOM



VITRECTOMY WITH ENDOLASERCOAGULATION



До операции



После операции

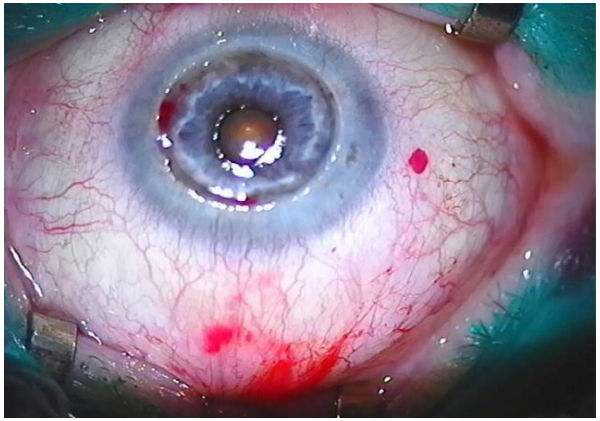
Before surgery

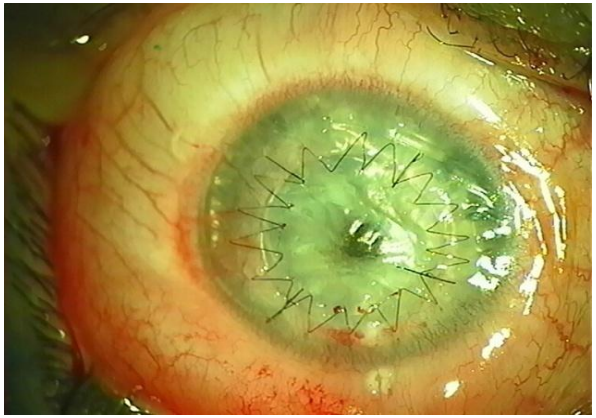
After Surgery

CORNEAL TRANSPLANTATION

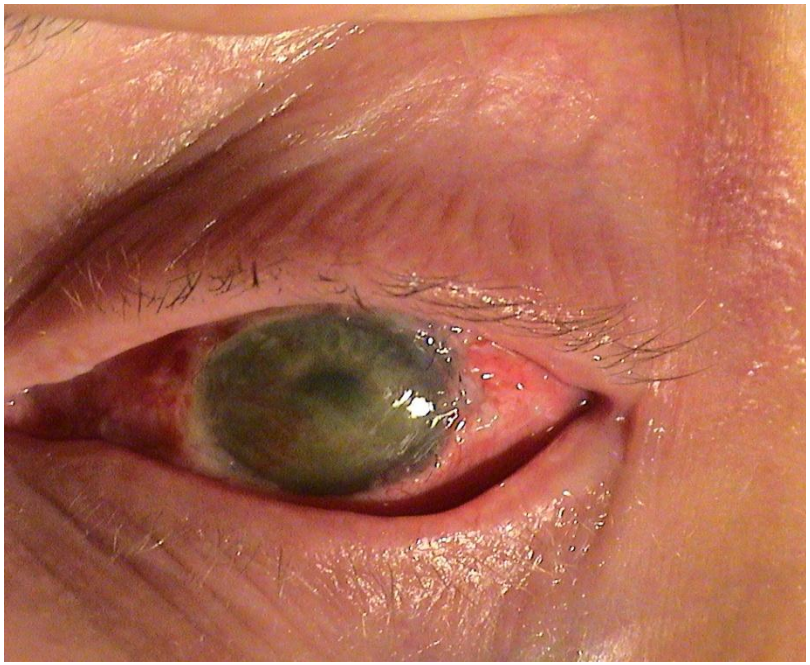
Keratoconus

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

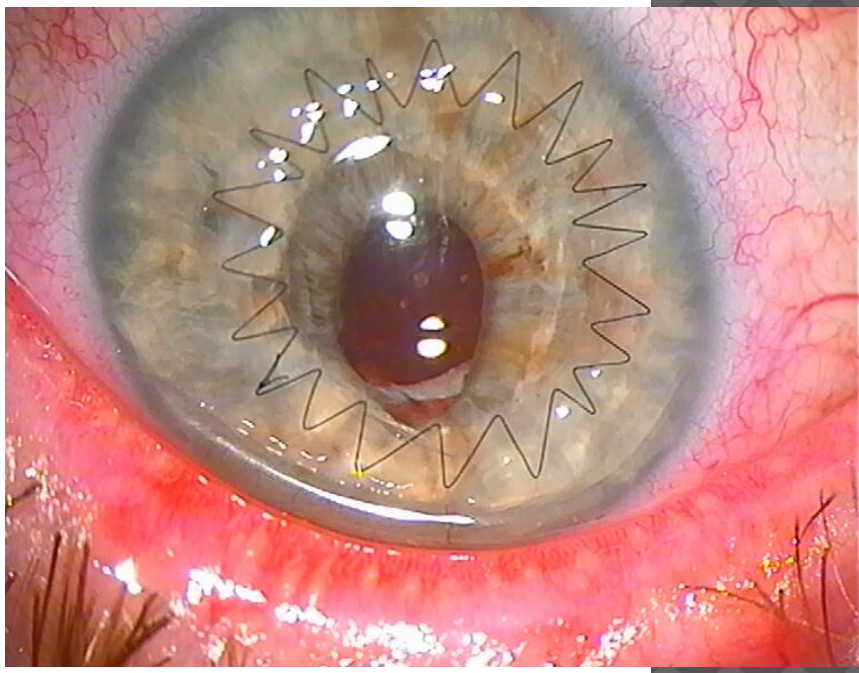




Penetrating keratoplasty



Before surgery



After surgery