



Drs.
Fine, Hoffman
& Sims

OPHTHALMOLOGISTS

Medical and Surgical Treatment of Eye Diseases

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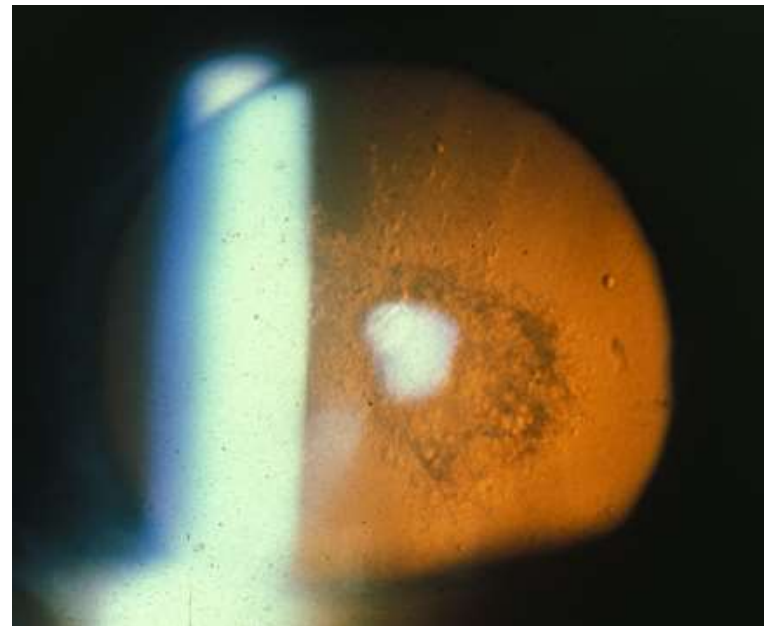
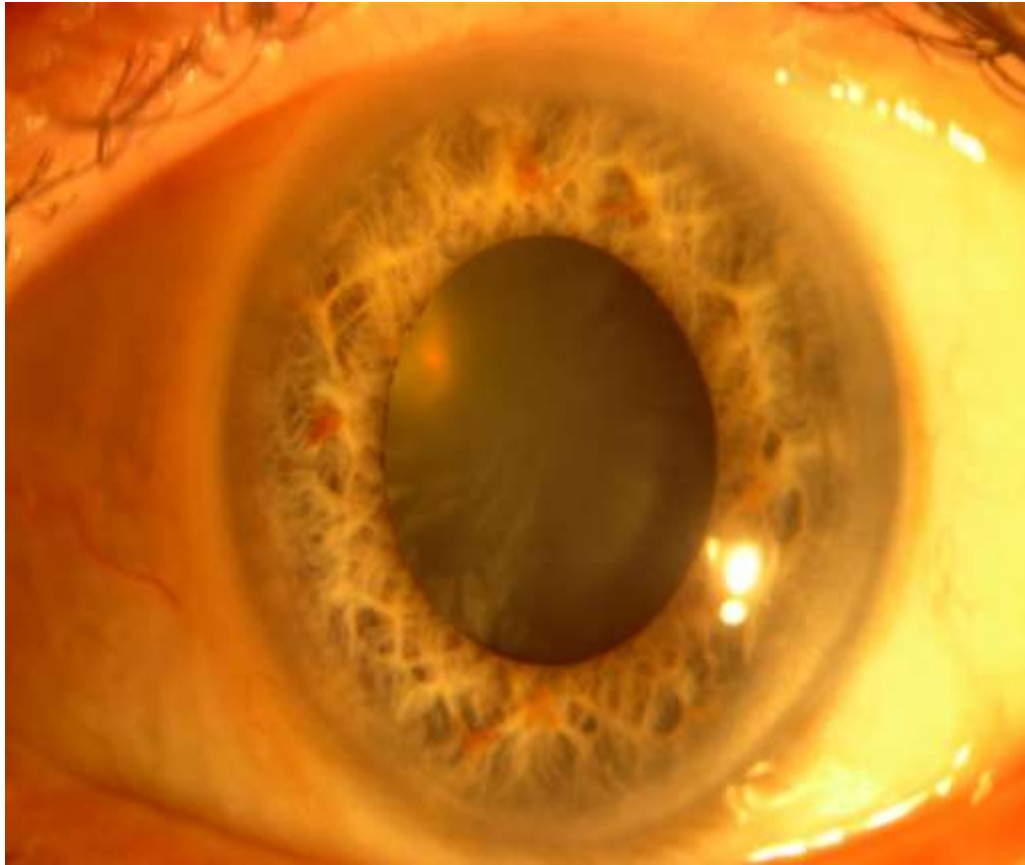
What is an Ophthalmologist?

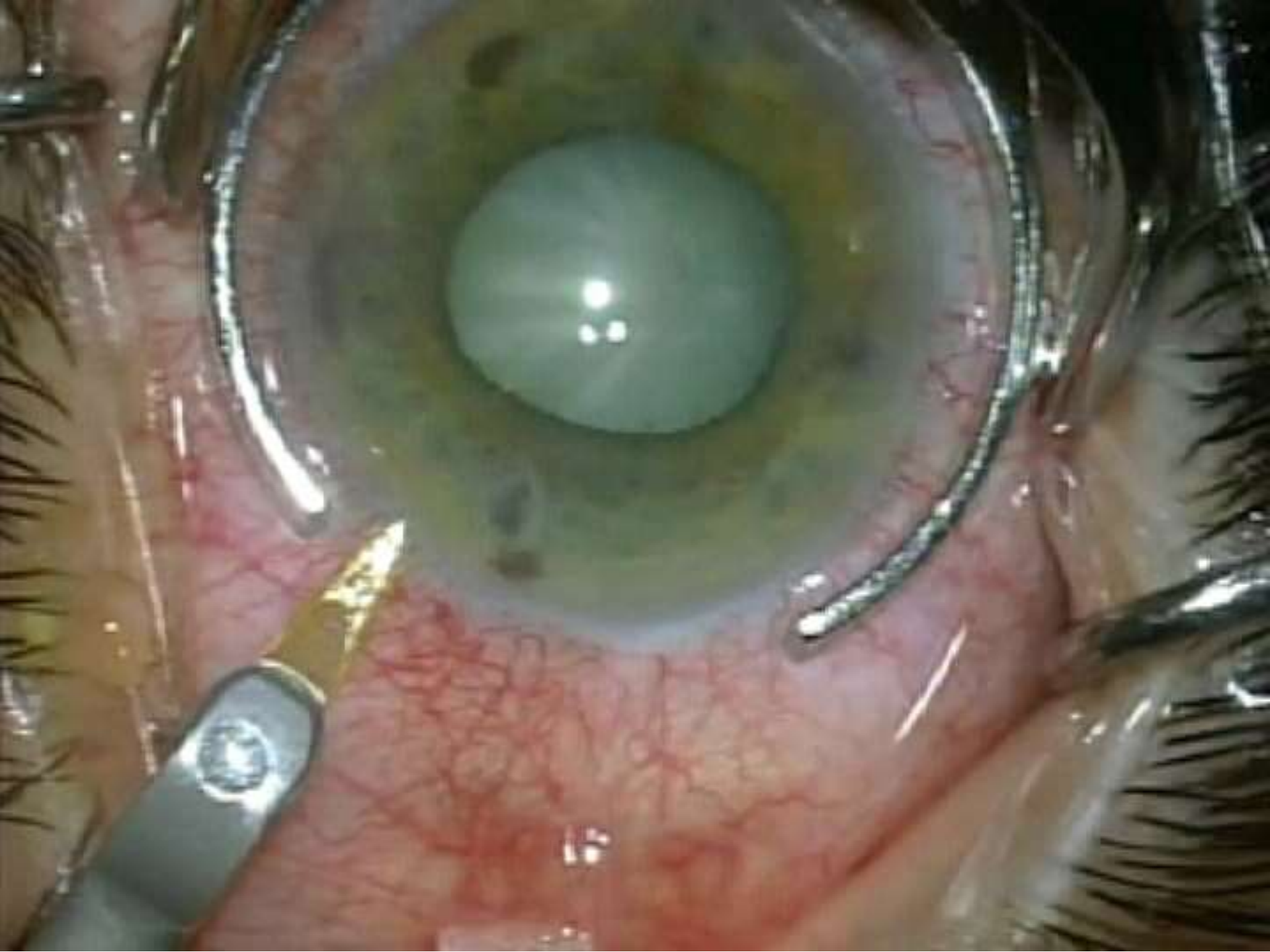
Education

- College – 4 Years
- Medical School – 4 Years
- Internship – 1 year
 - General Medicine training
 - Hospital wards
 - ICU
 - Outpatient clinics
 - ER
- Residency – 3 years
- Fellowship -1 or 2 years

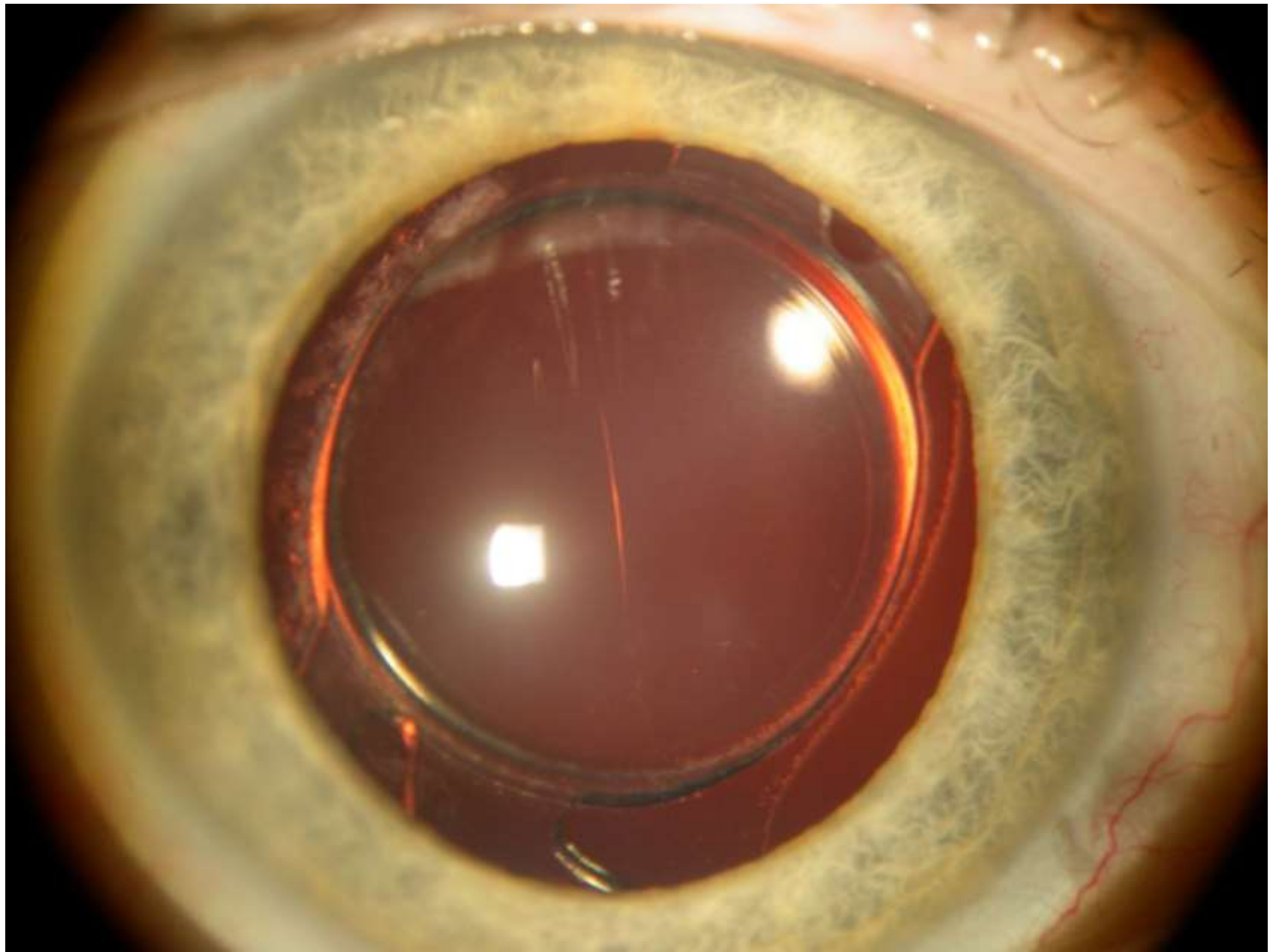
Medical Conditions and Surgical Treatments

Cataract





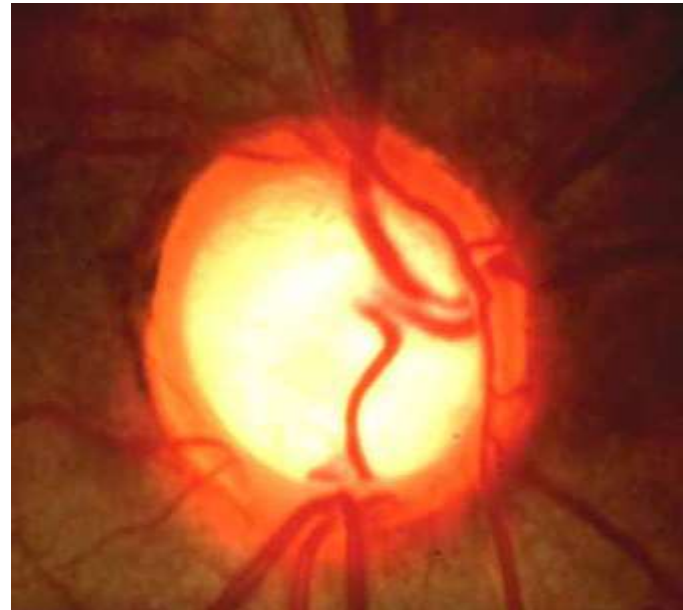
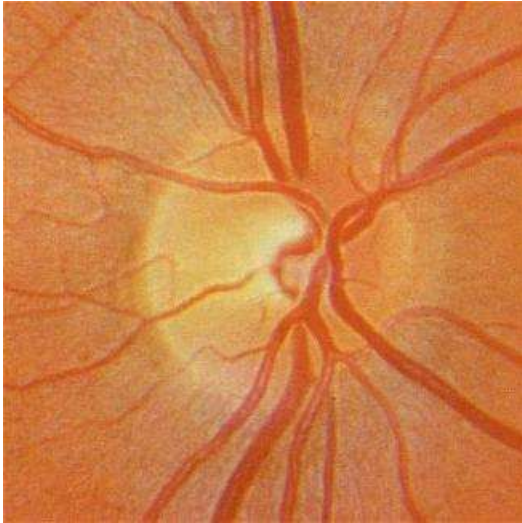




Glaucoma

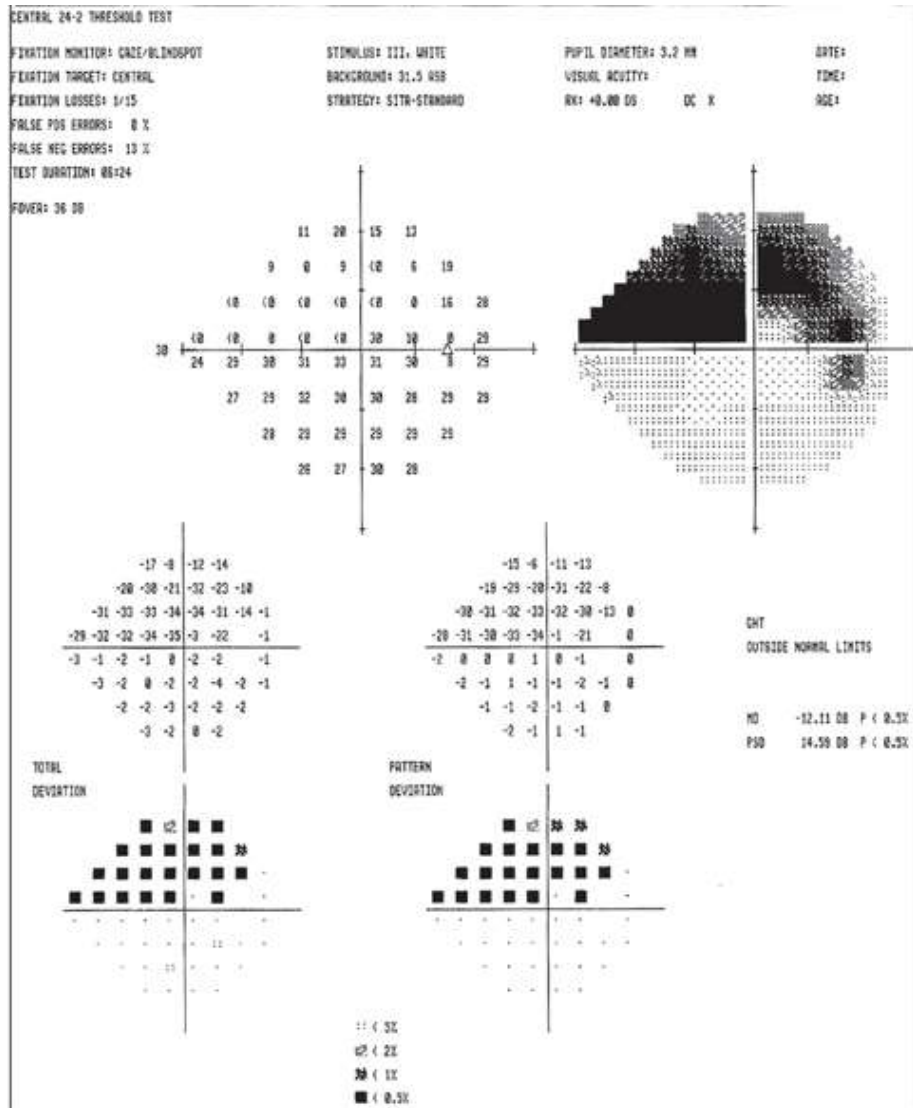
- Elevated intraocular pressure causing optic neuropathy
- Starts with peripheral vision loss
- Can lead to complete blindness
- Treatments include eye drops to lower intraocular pressure
- Laser surgery
- Intraocular Surgery

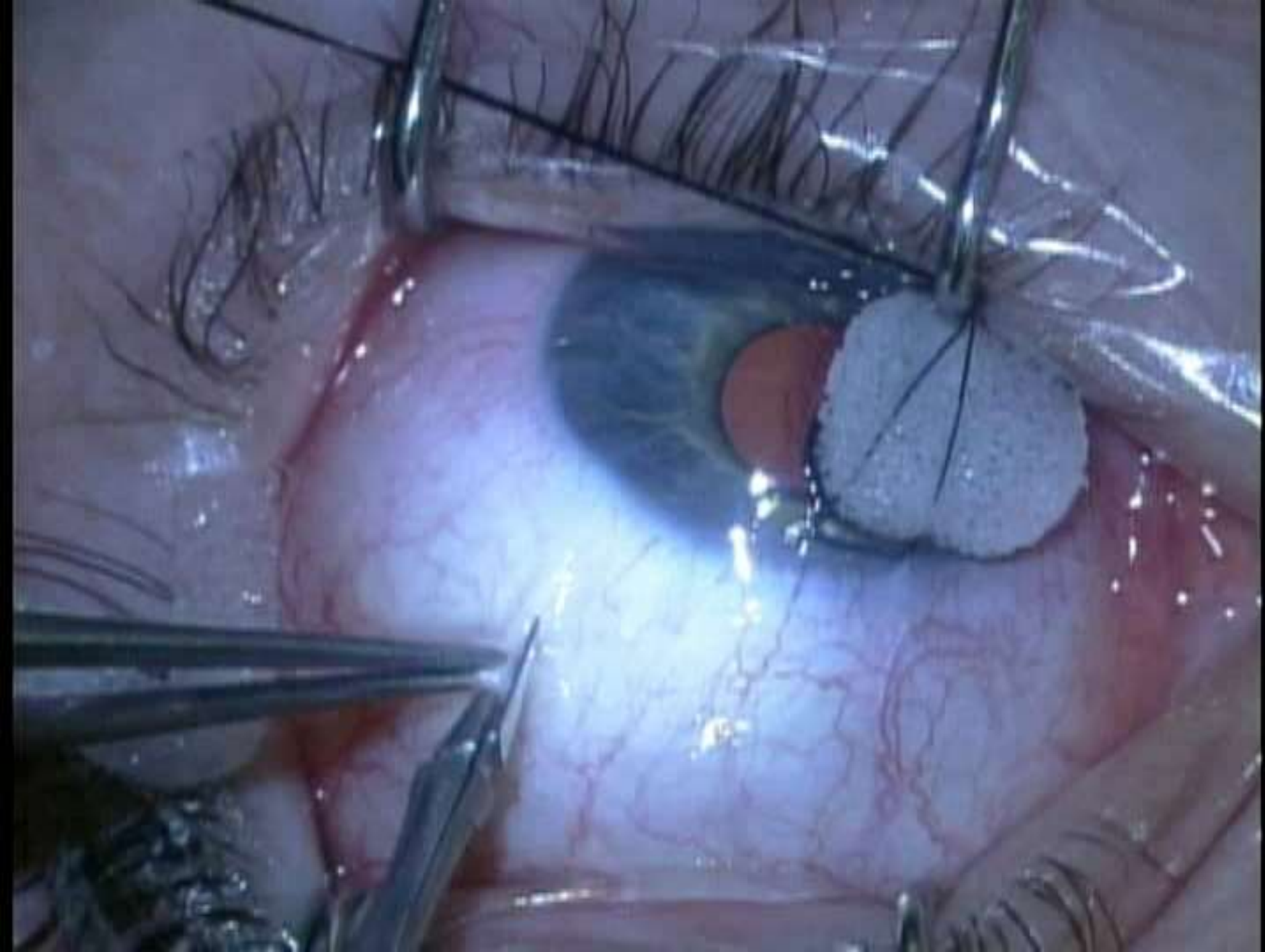
Optic Nerve Cupping



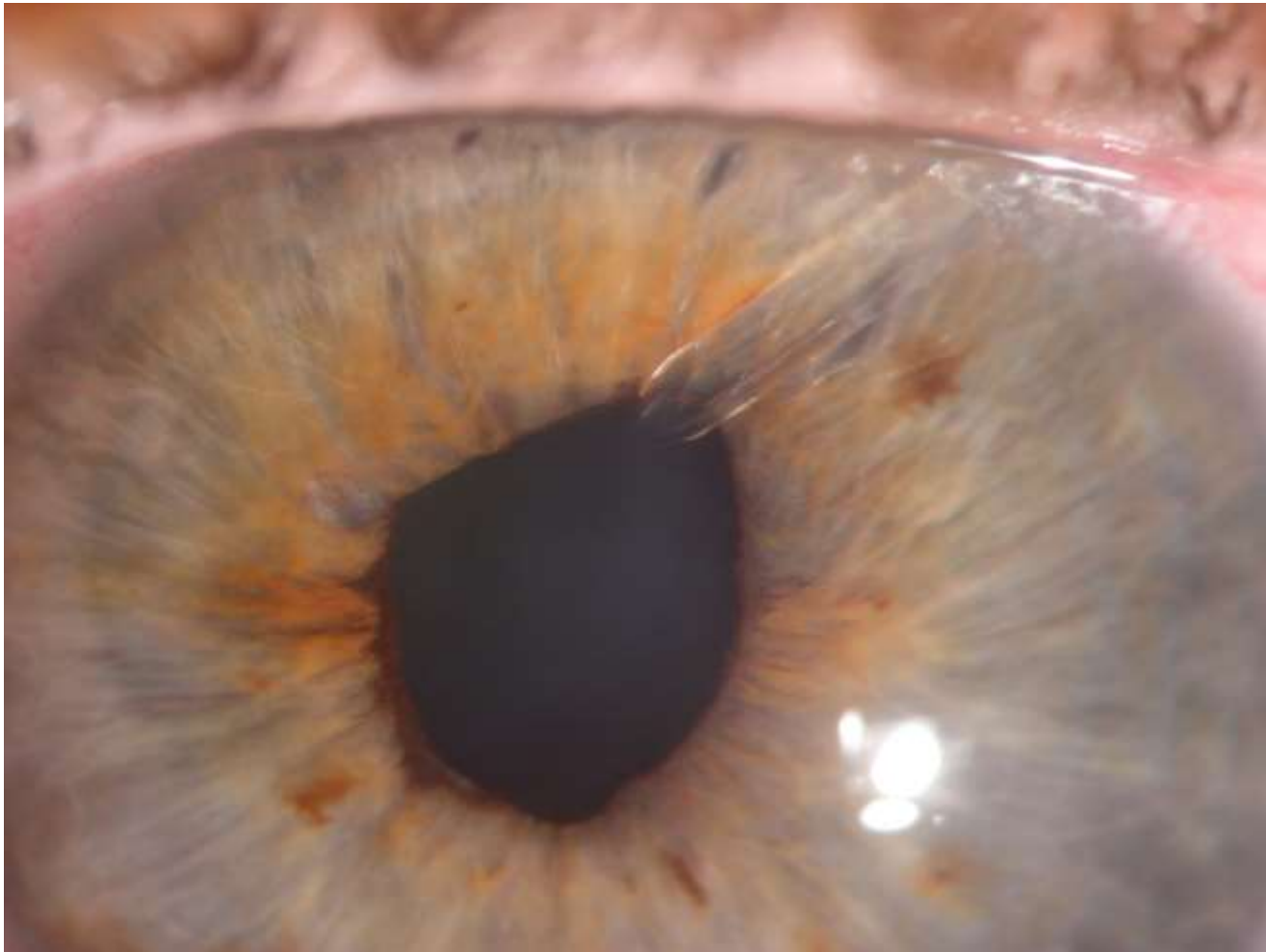
Glaucomatous Peripheral Vision Defect

Automated Visual Field





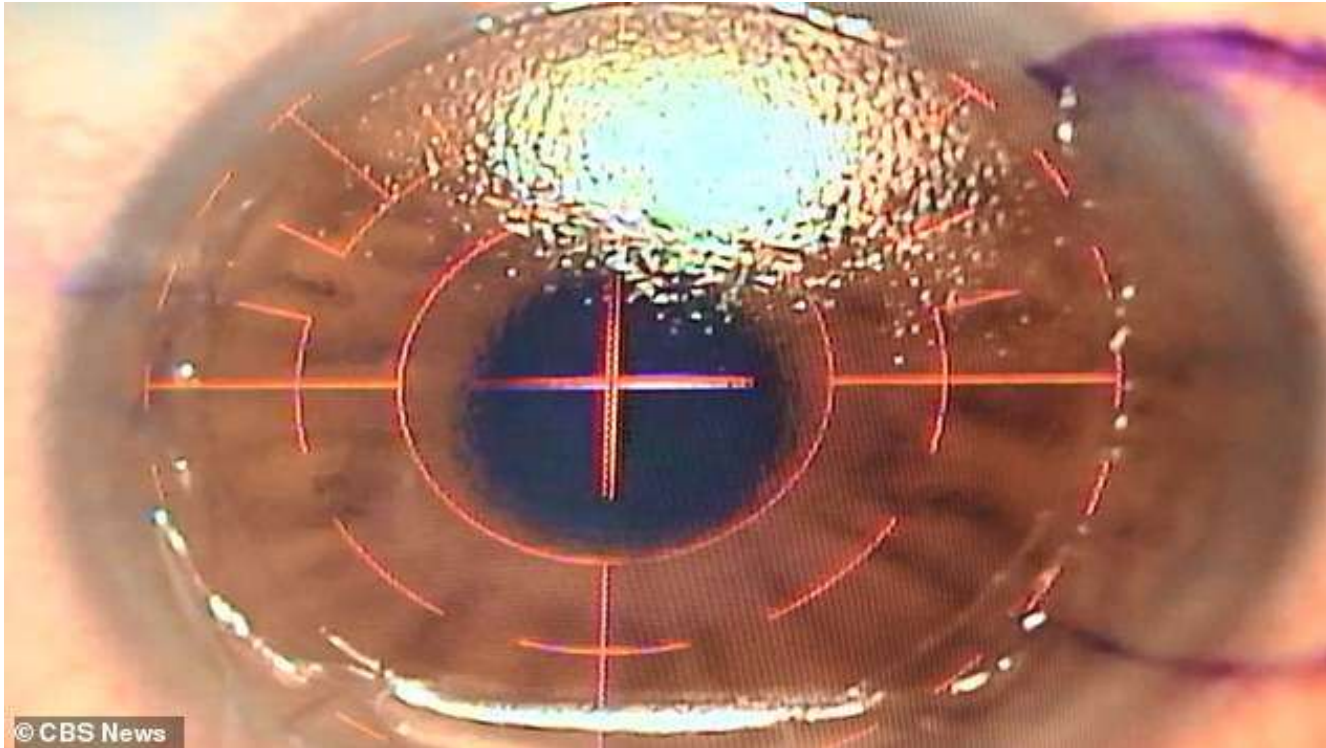
Glaucoma drainage implant



Diabetic Retinopathy



LASIK Surgery



- Surgery performed on the corneas
- Achieves independence from glasses and contacts

Emergencies

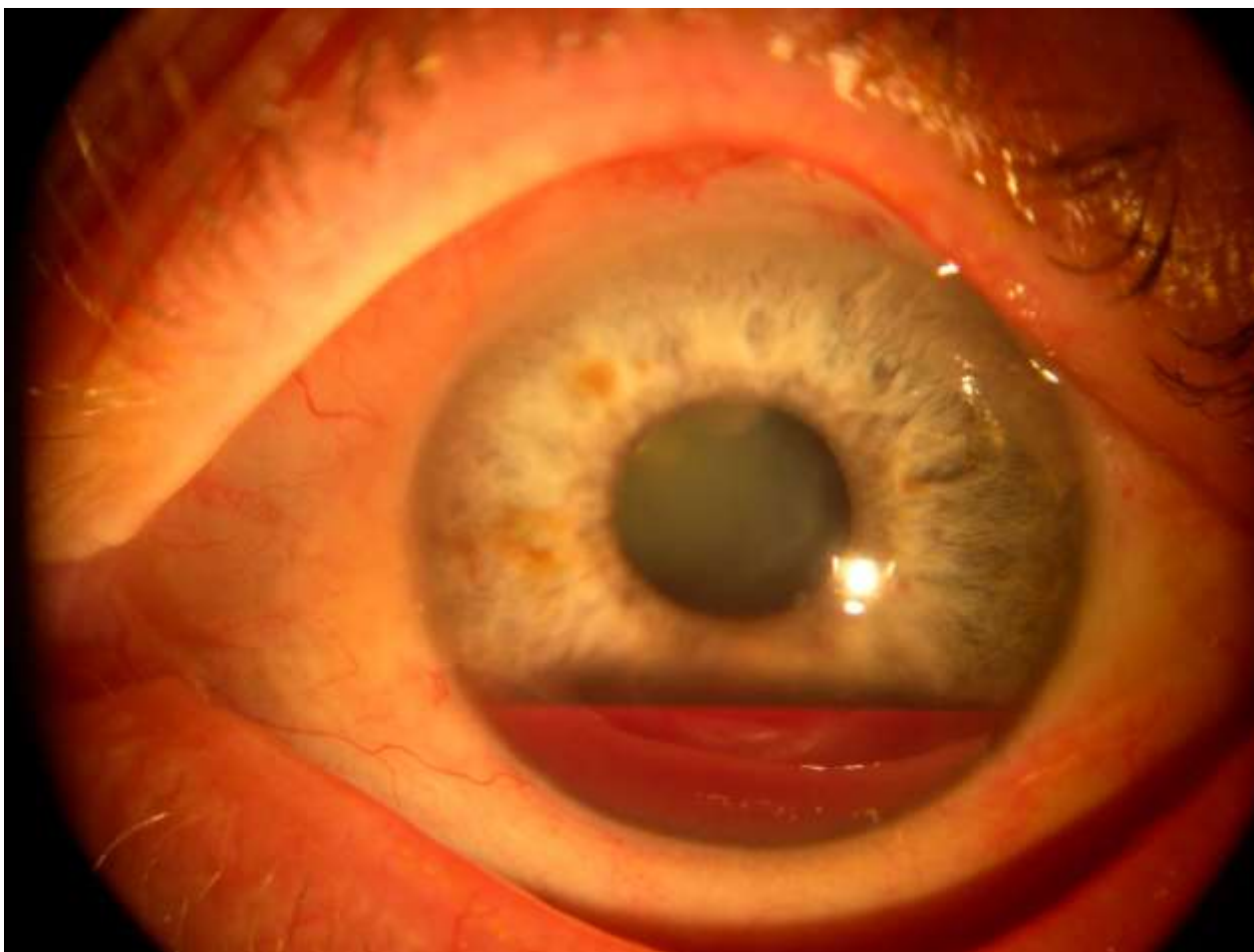
Slept in your contacts lately?



Airbag Deployment



Hyphema

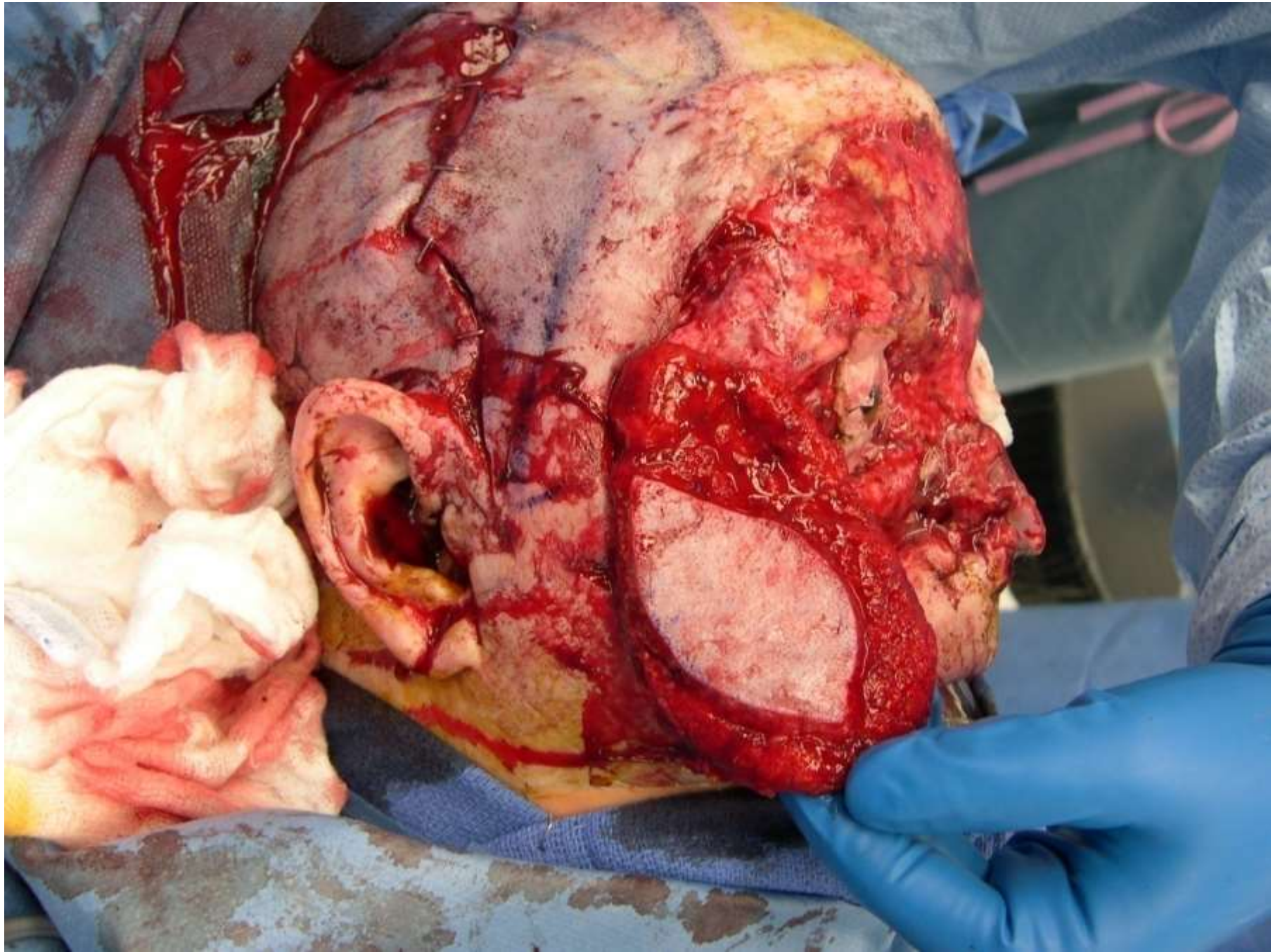


Dog Bite



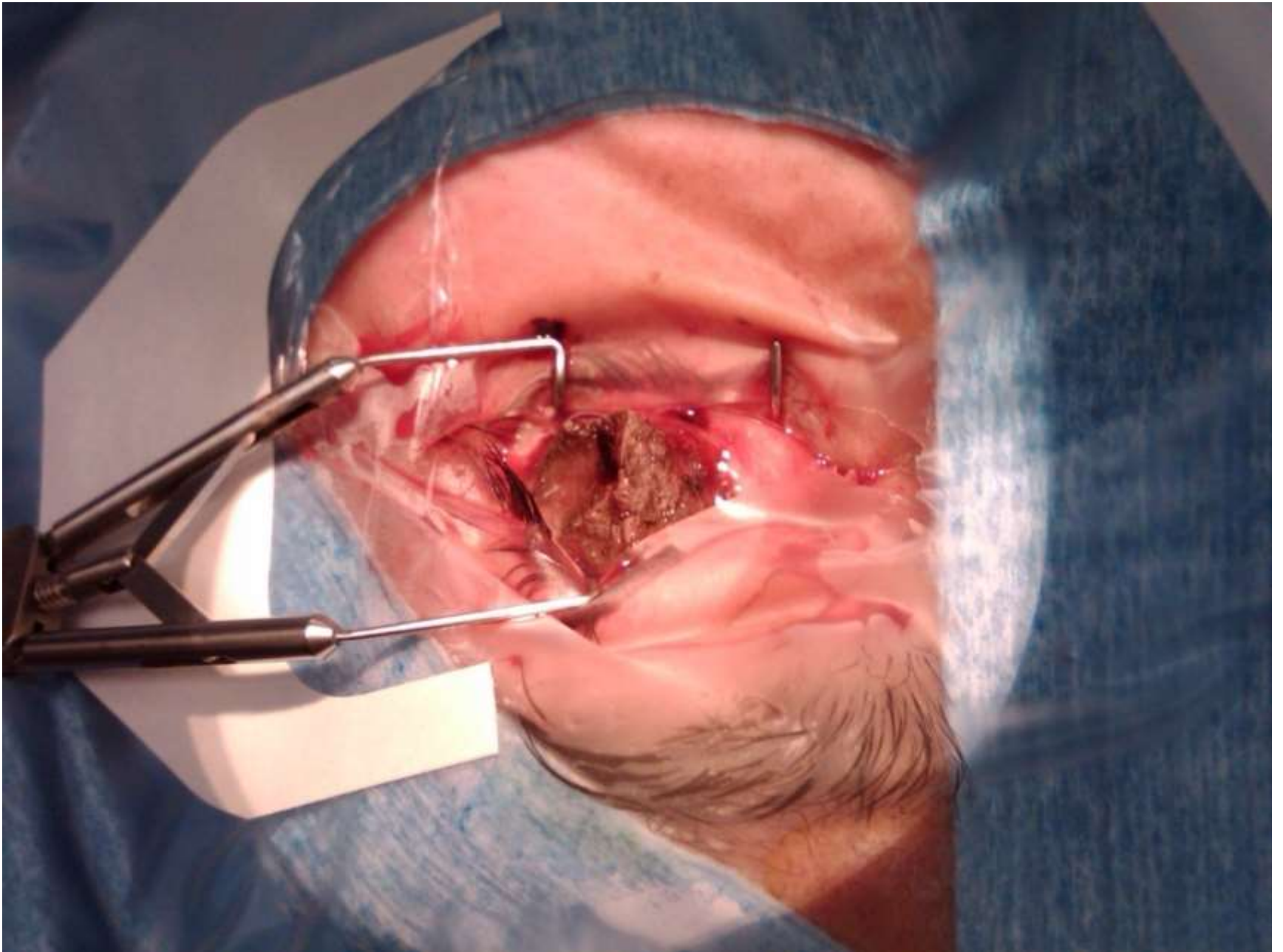






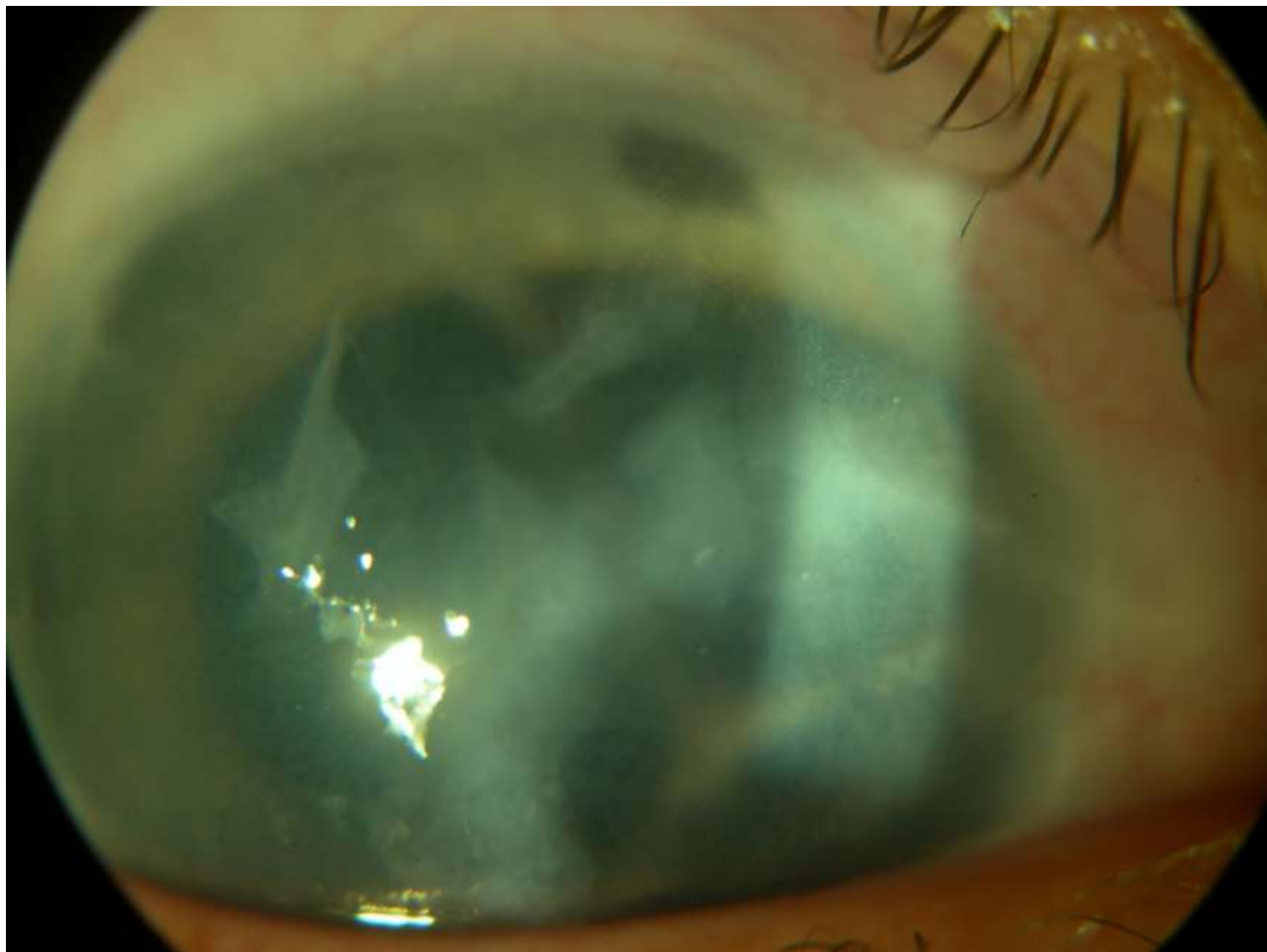
Haying Machine

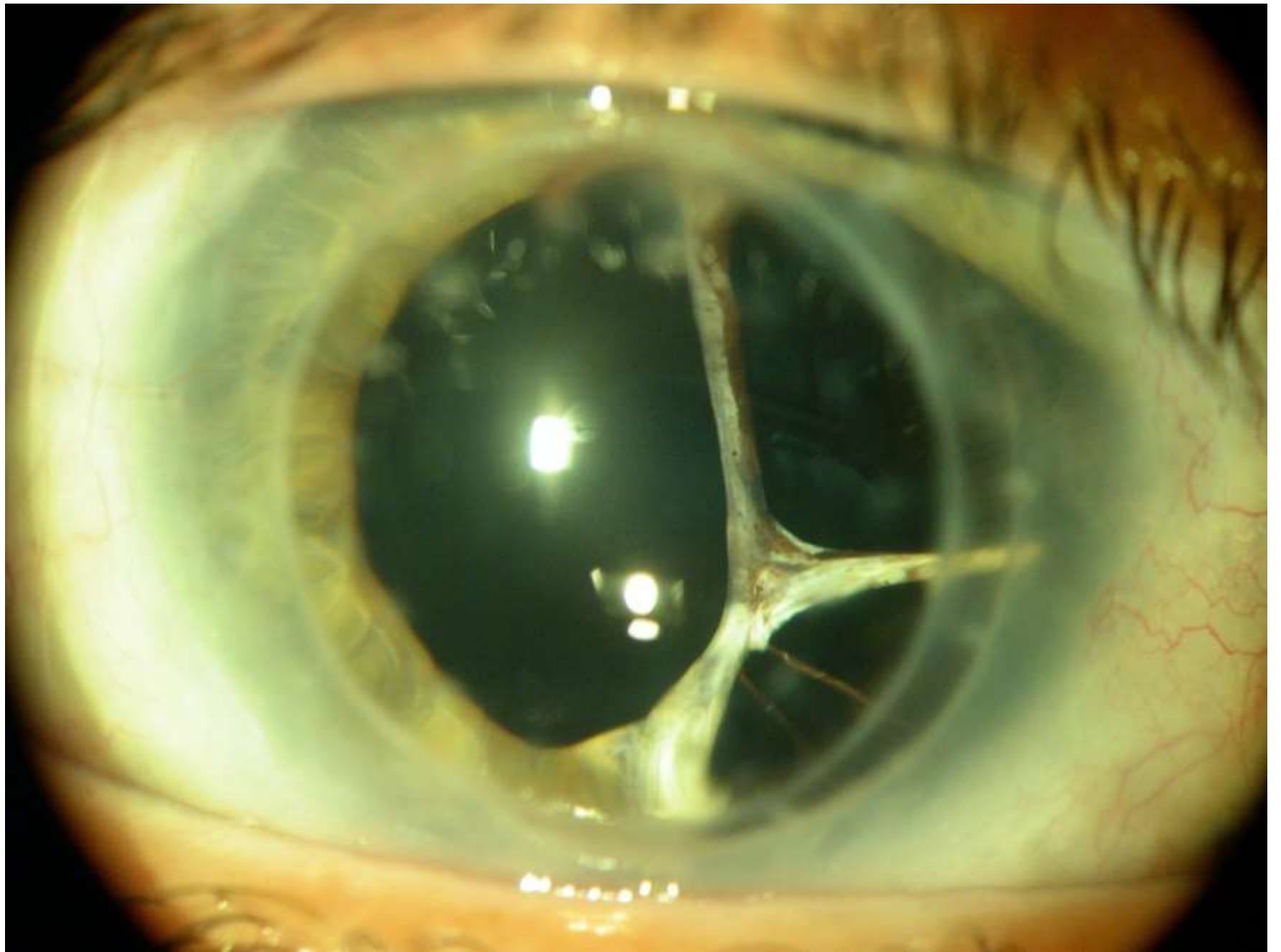






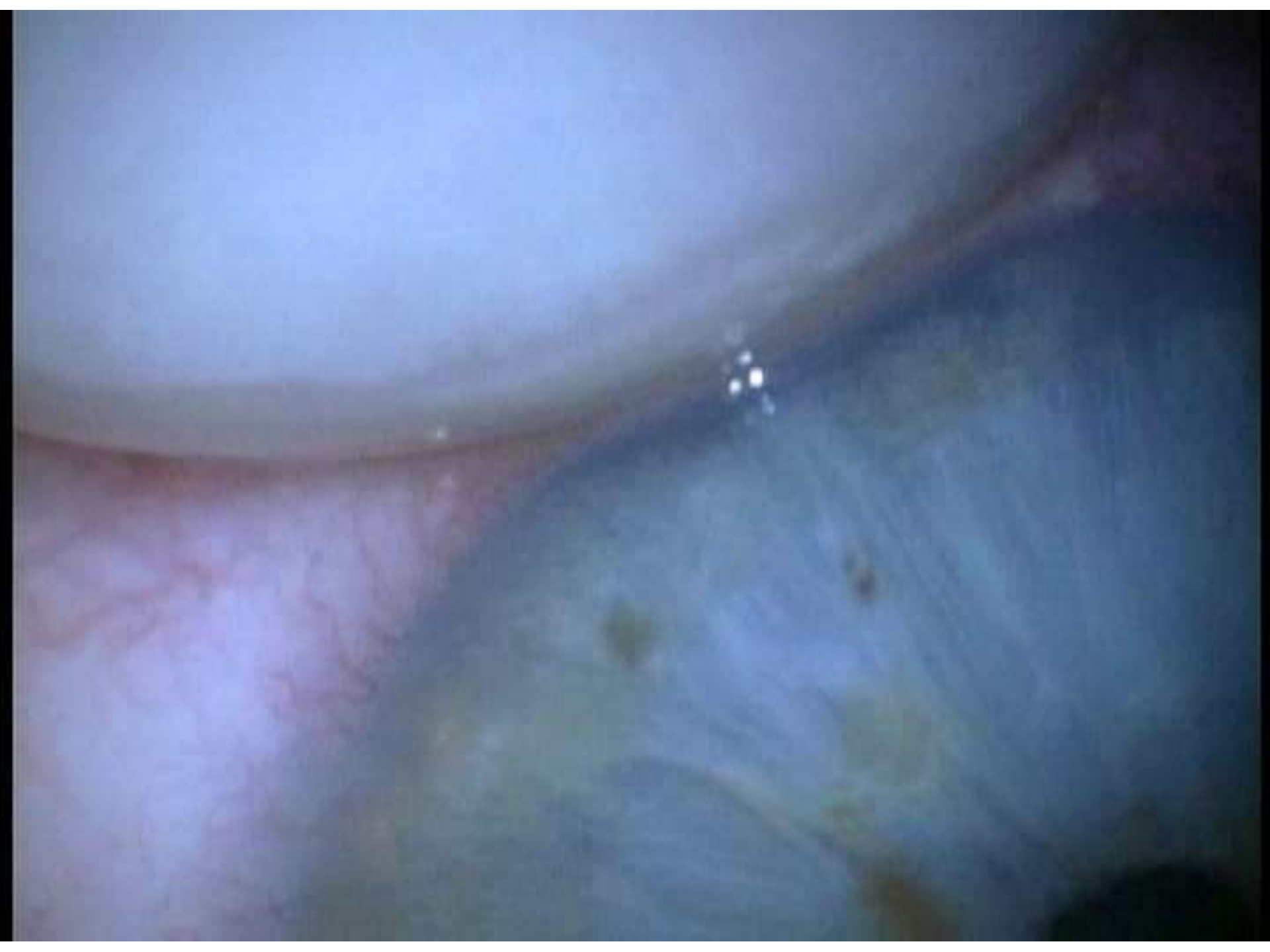
Paintball



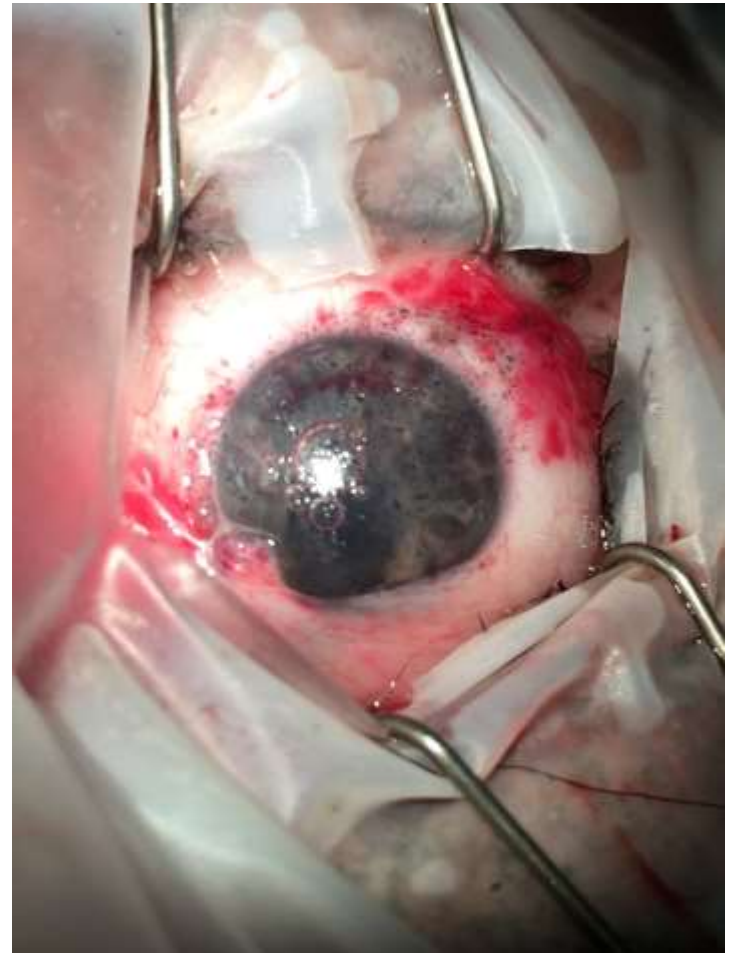


Red Painful Eye





Sparkler injury



Circular Saw



Fish Hook





Squamous Cell Carcinoma



Guatemala Mission



We Brought Everything!



6 corneas

50 patients



- Measles is a leading cause of childhood blindness in developing countries where immunization programs are less established
- Ocular consequences:
 - Conjunctivitis
 - Keratitis
 - Corneal scarring
 - Retinopathy
 - Optic neuritis









Thank You

Have a great day!

