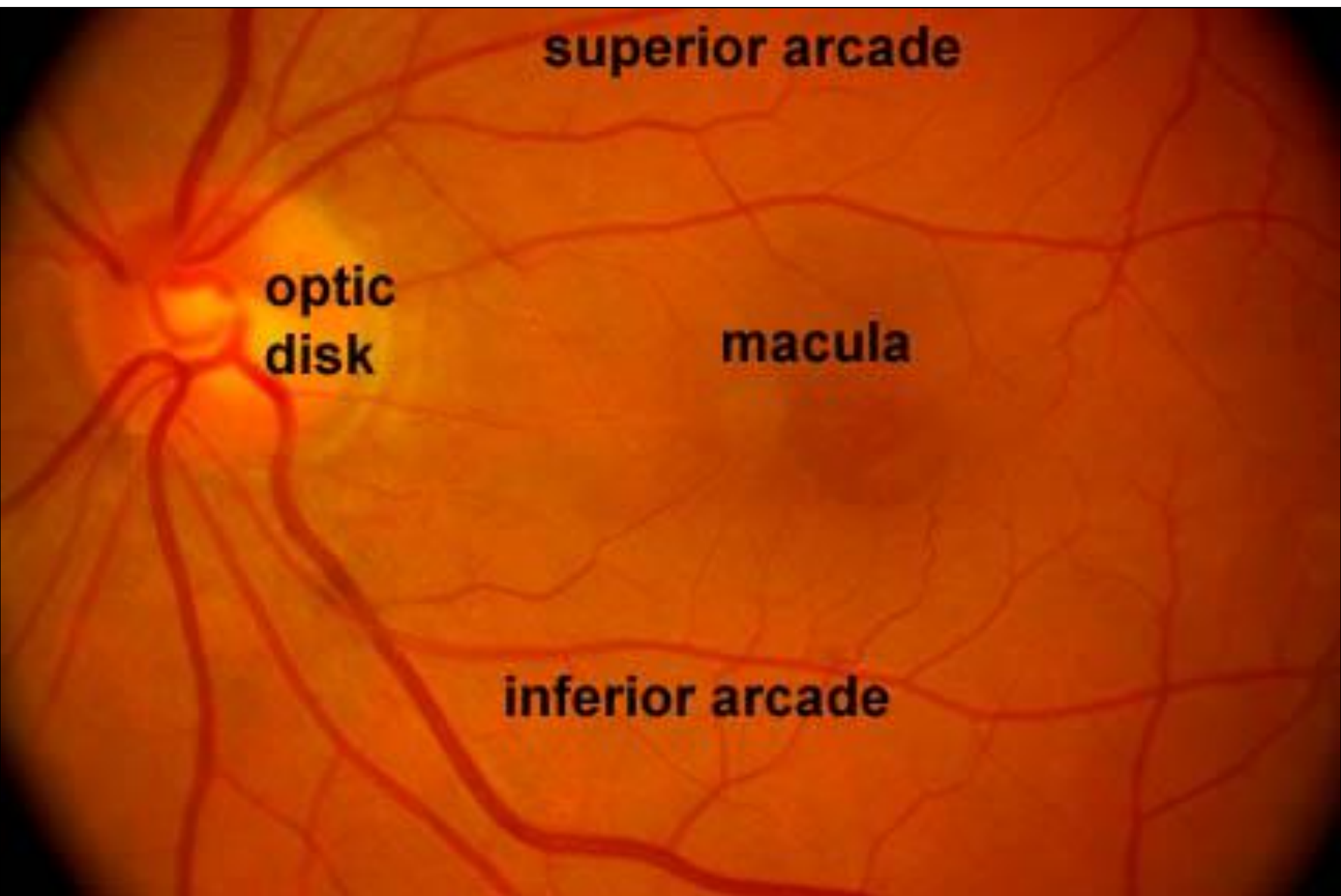


Retina
(red)



superior arcade

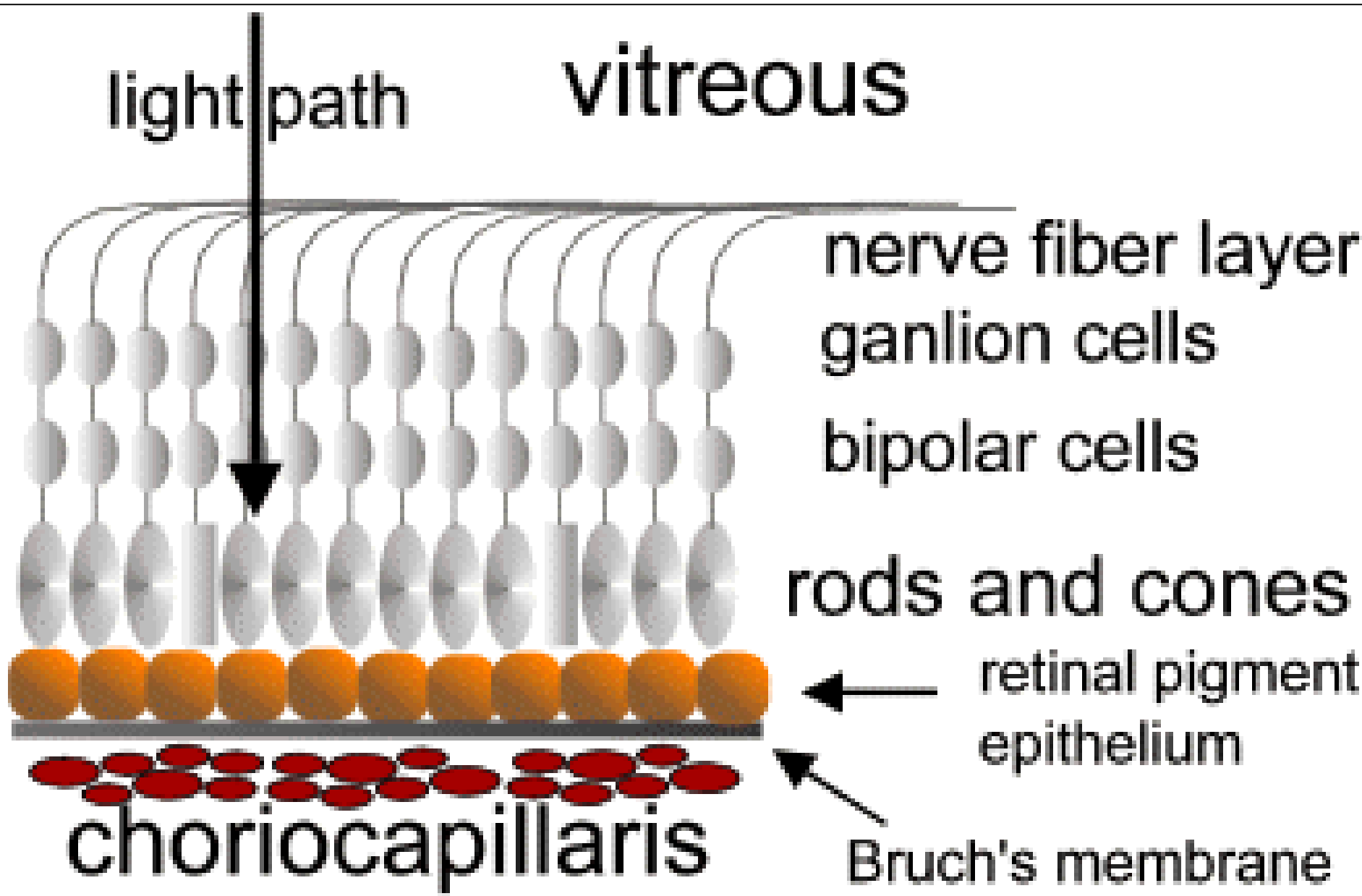
**optic
disk**

macula

inferior arcade

light path

vitreous



nerve fiber layer
ganglion cells

bipolar cells

rods and cones

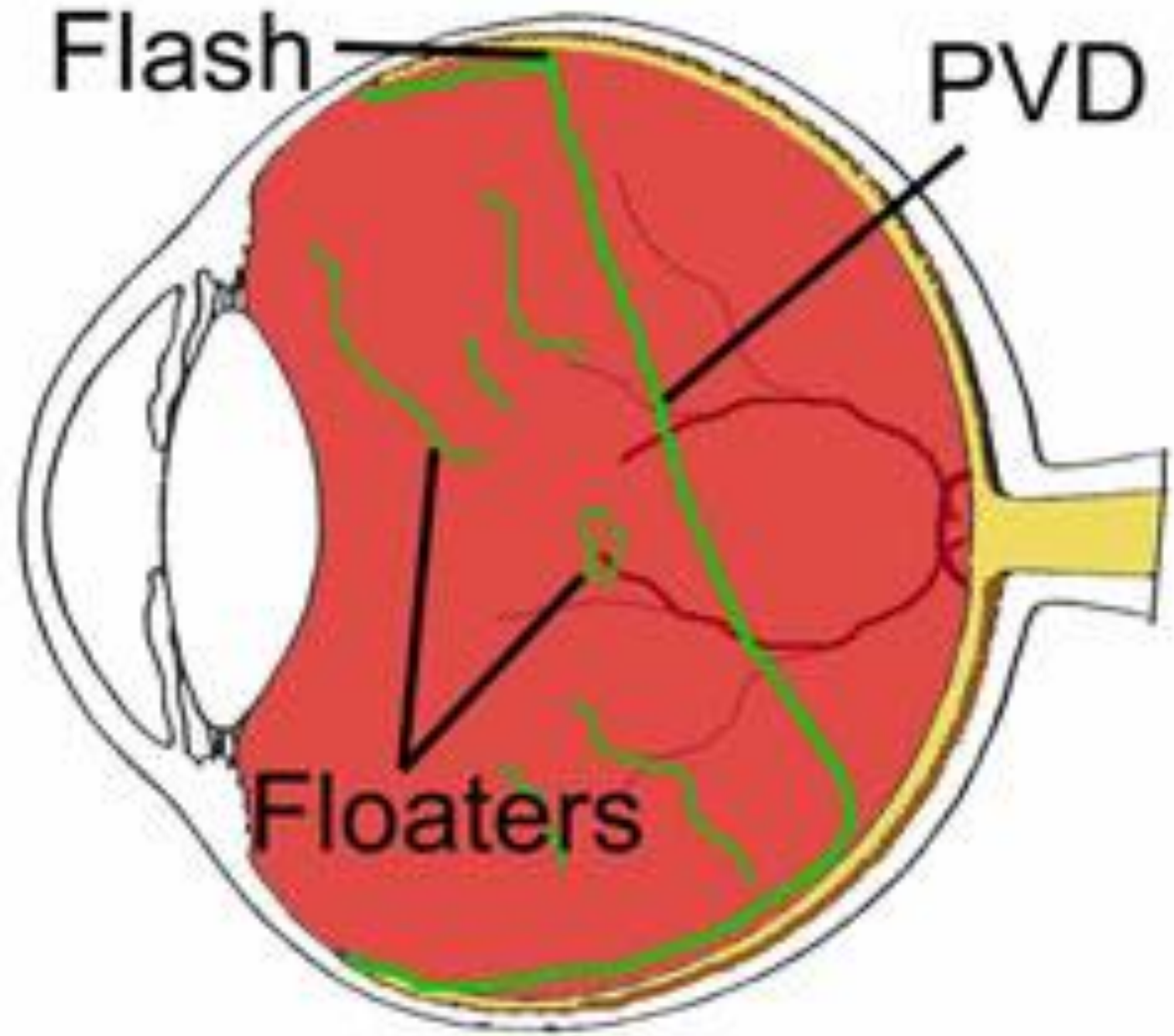
retinal pigment
epithelium

Bruch's membrane

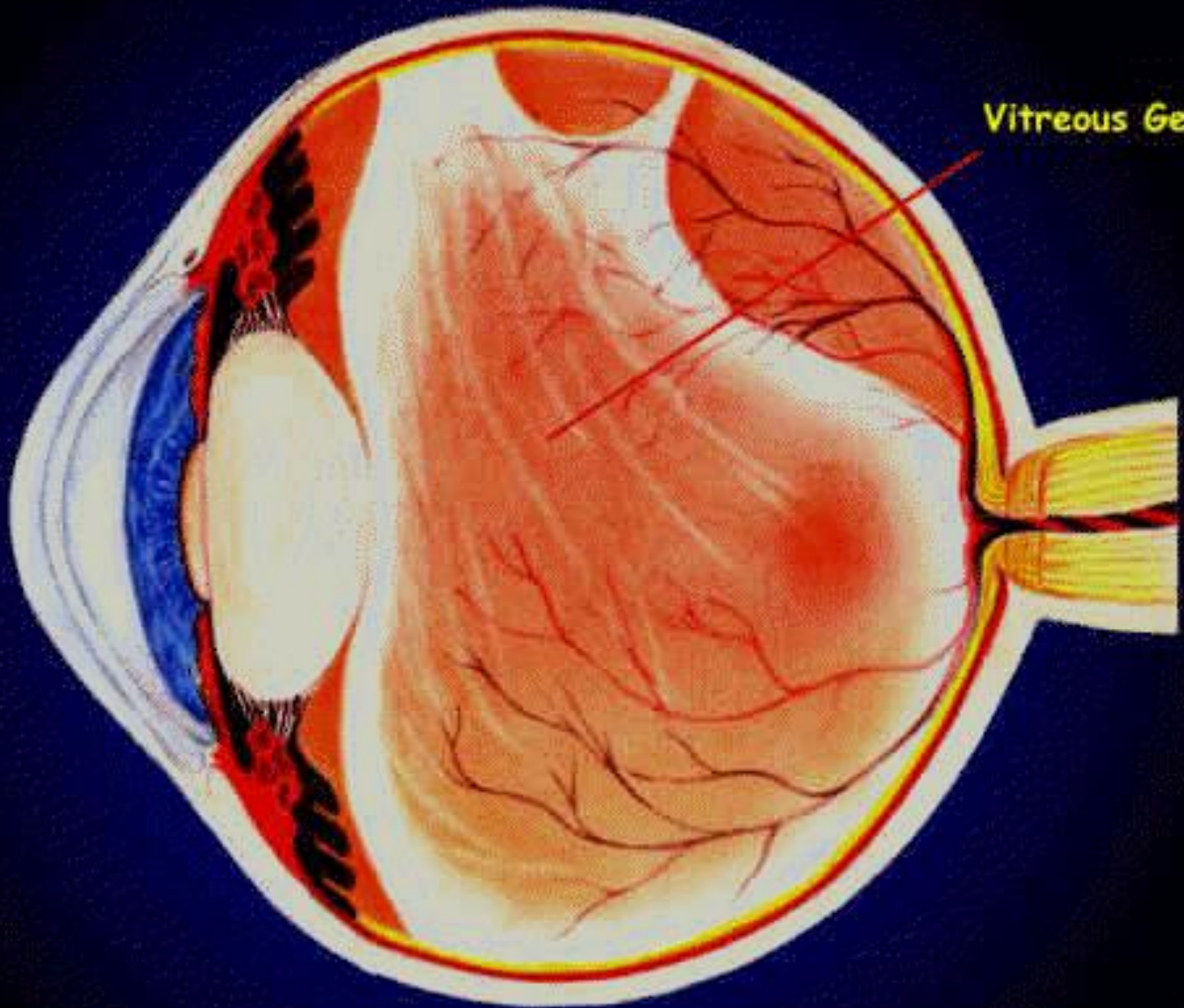
choriocapillaris

Flash

PVD

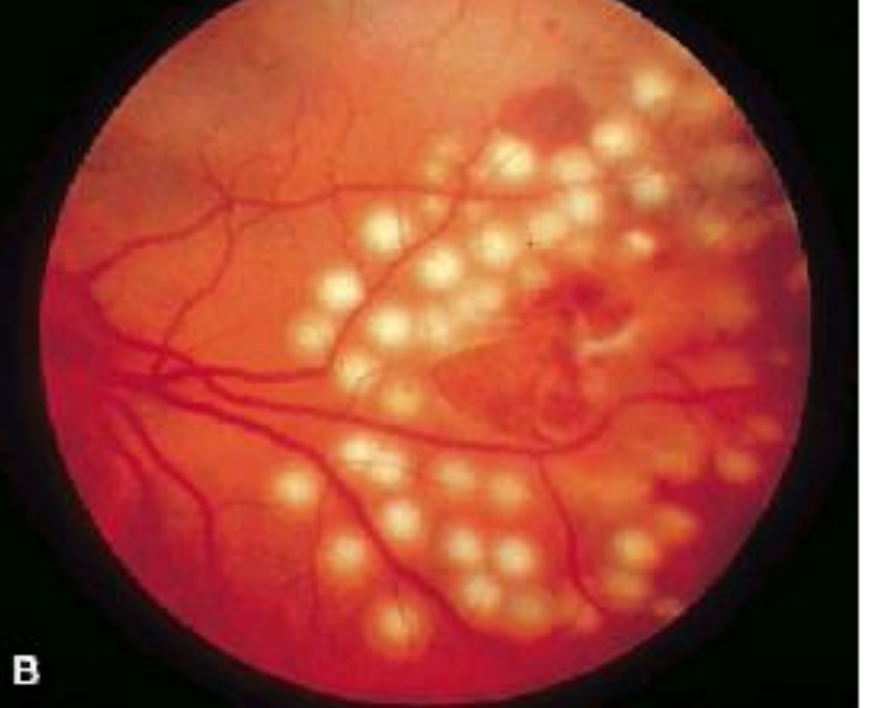


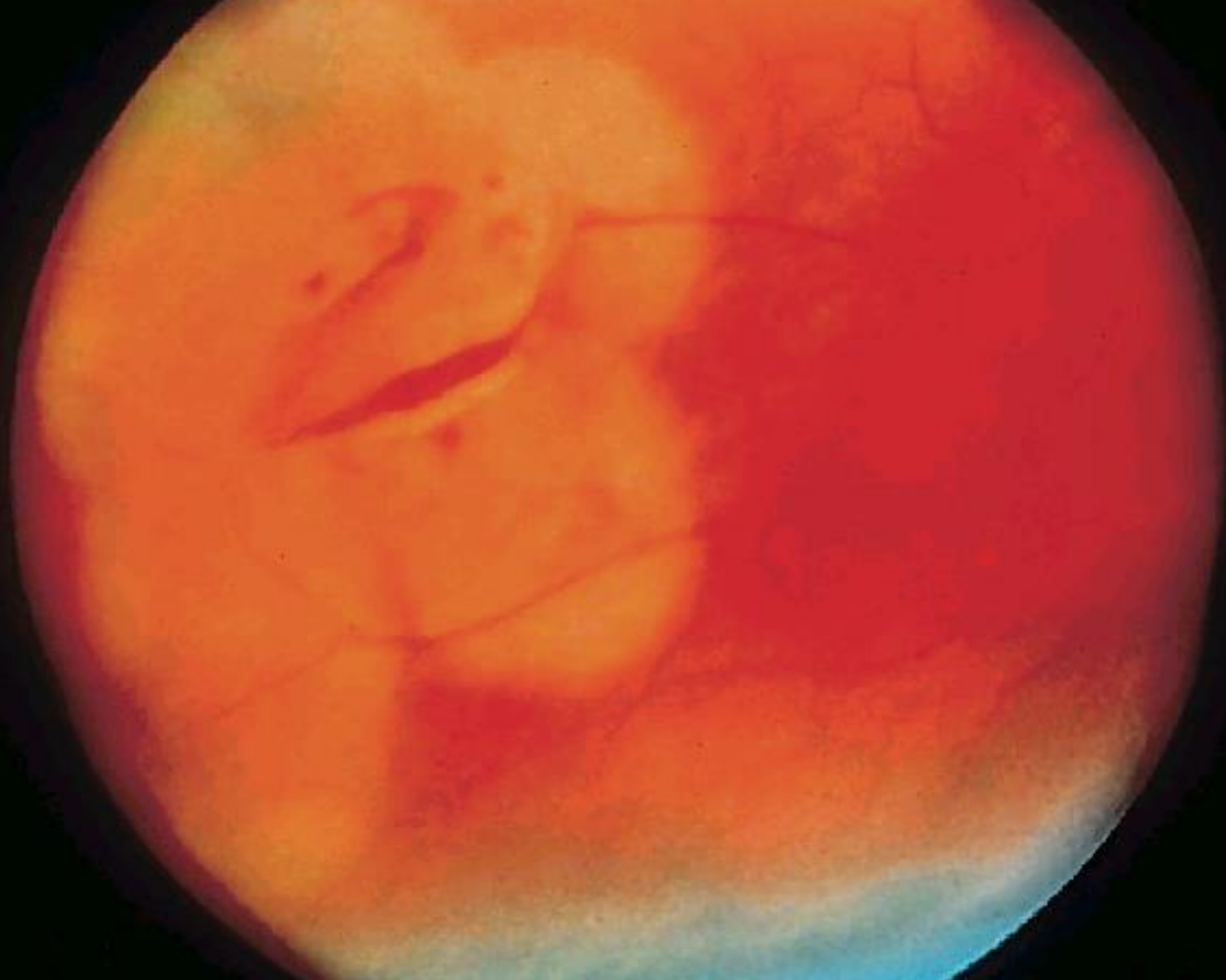
Floaters

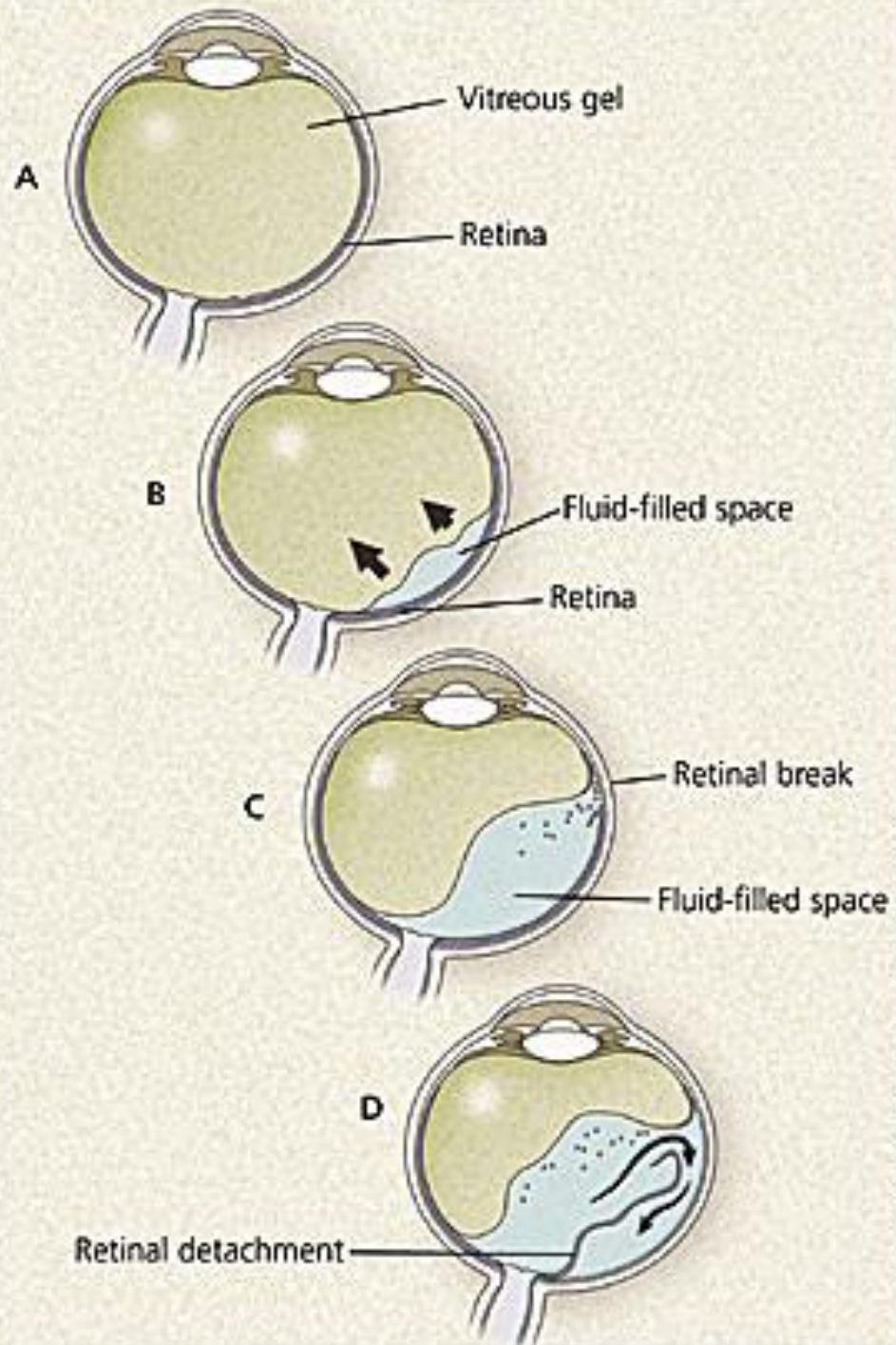


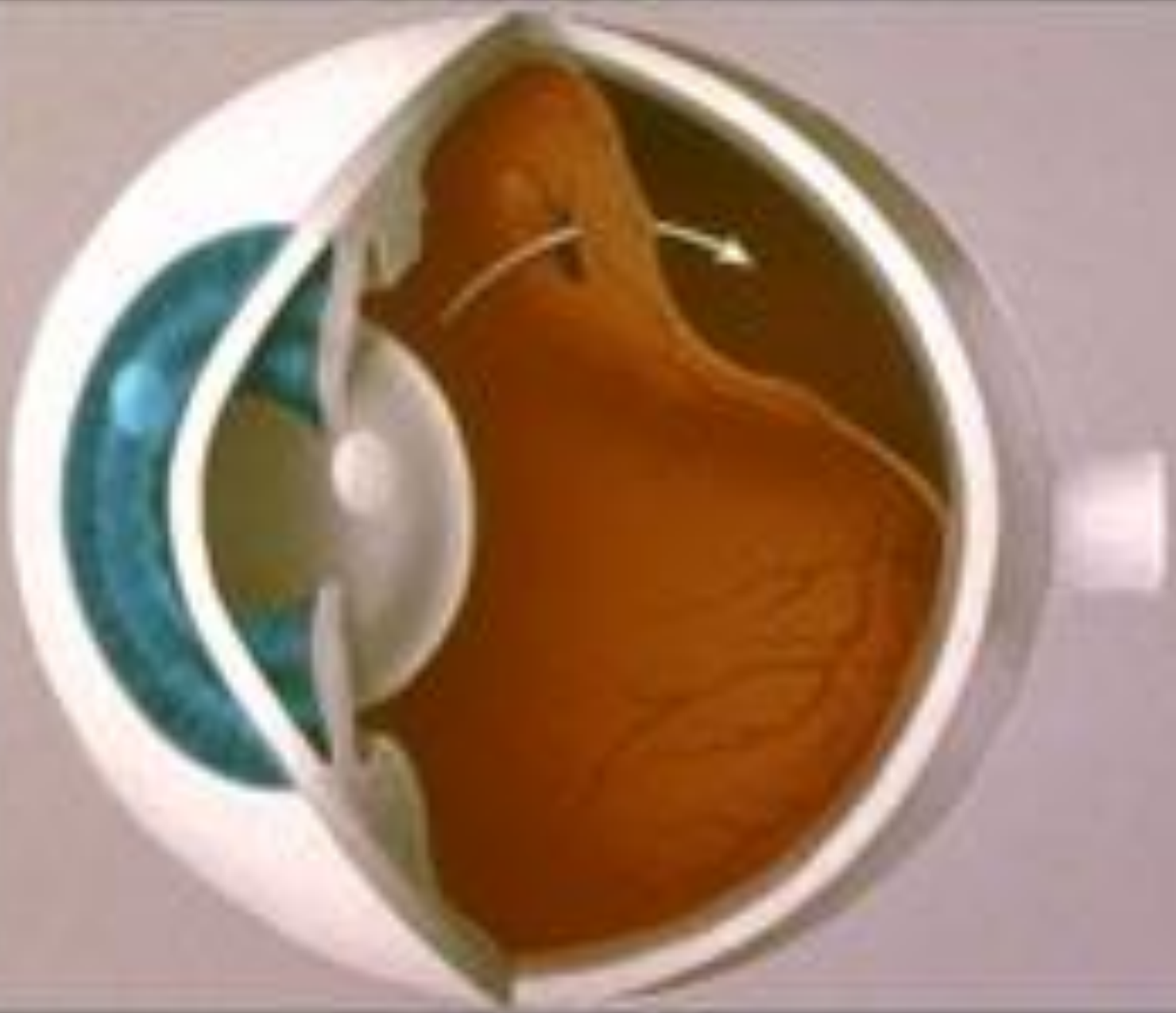
Vitreous Gel





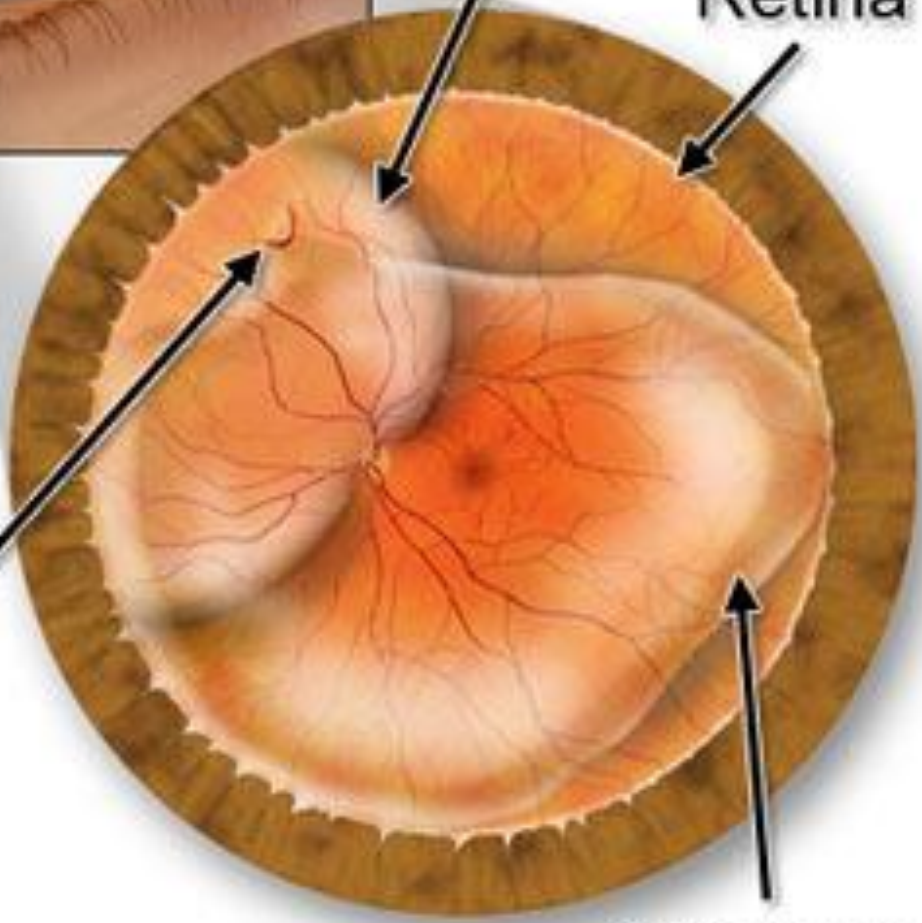








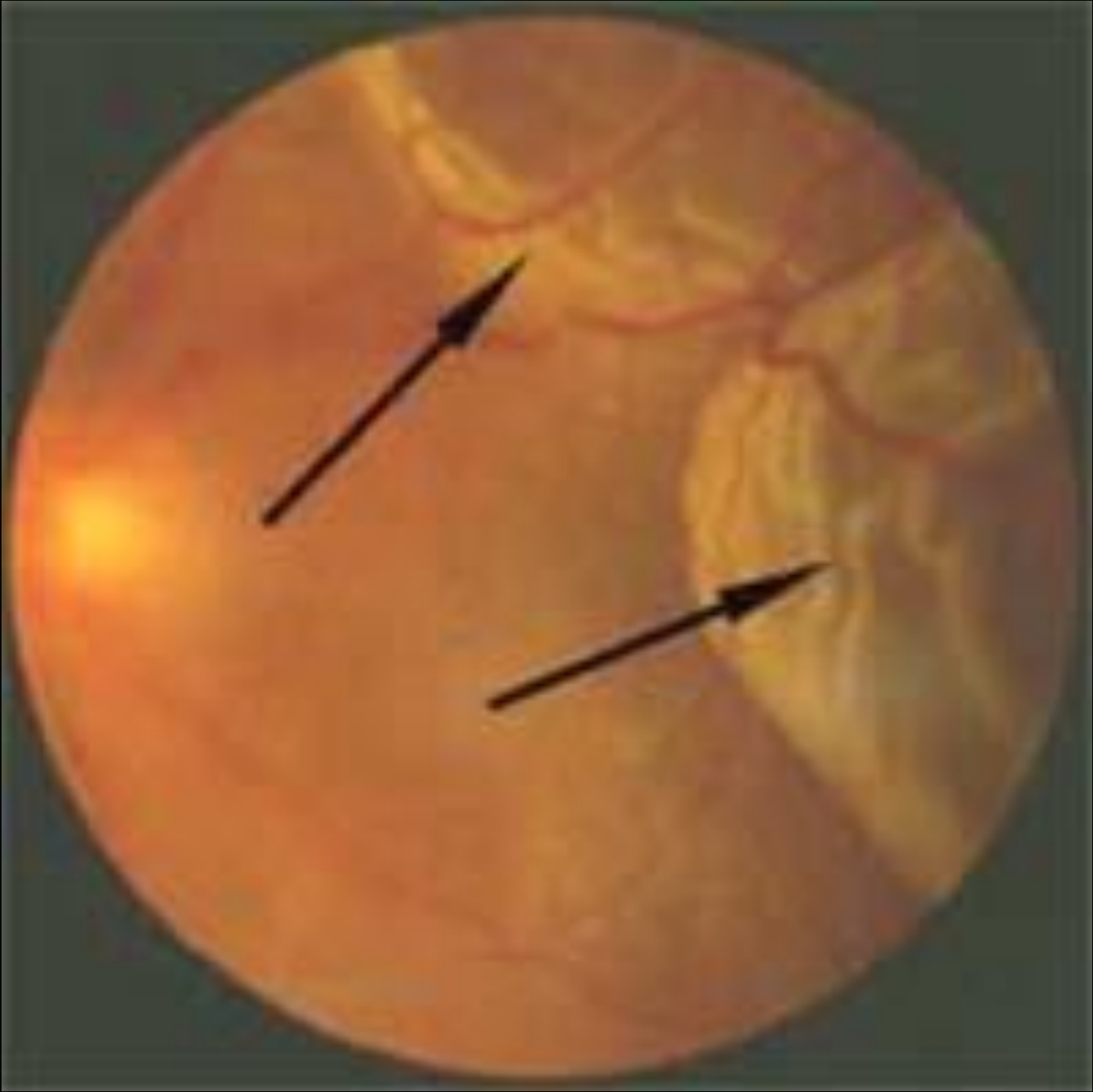
Retinal detachment



Retina

Retinal tear

Vitreous

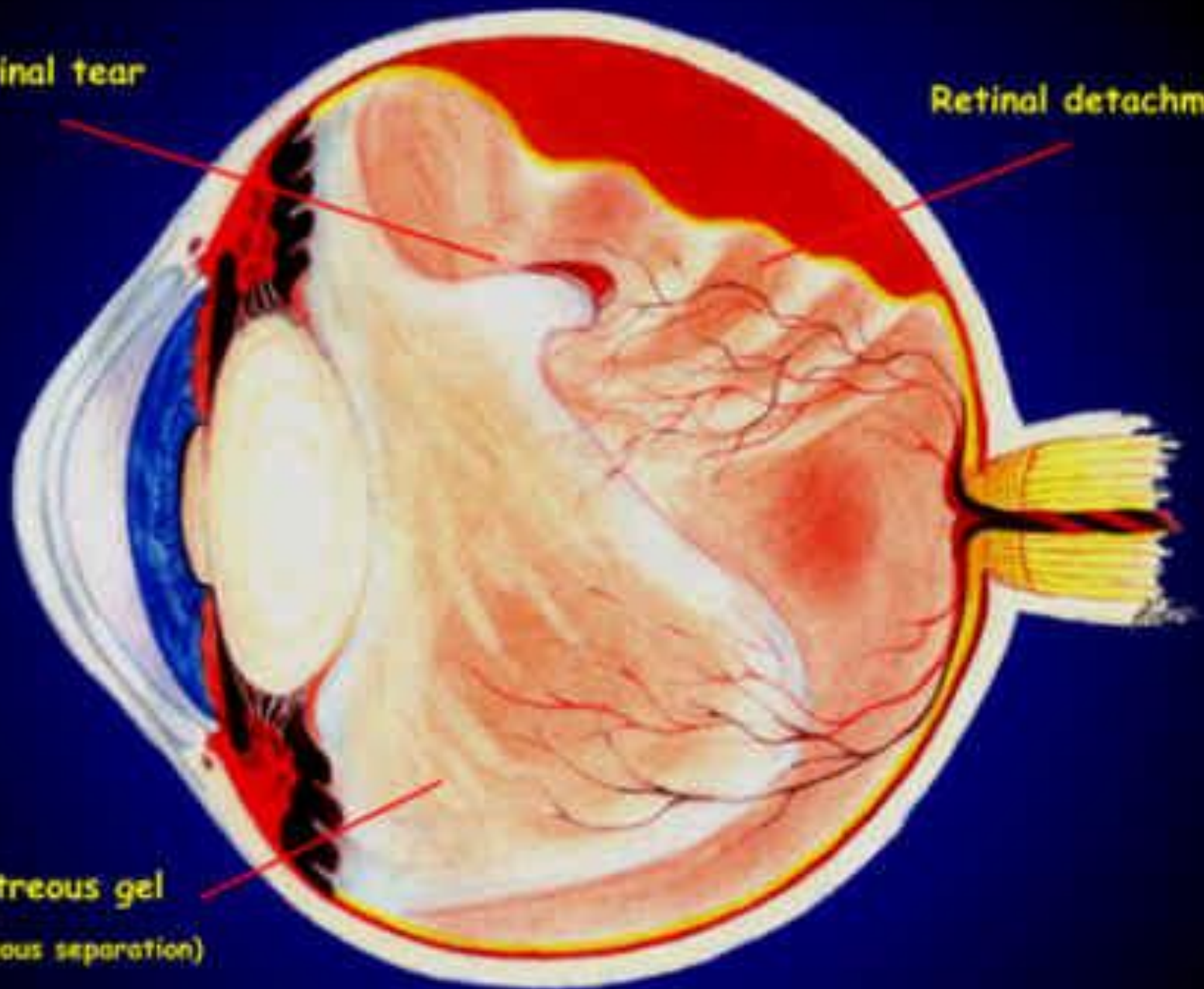


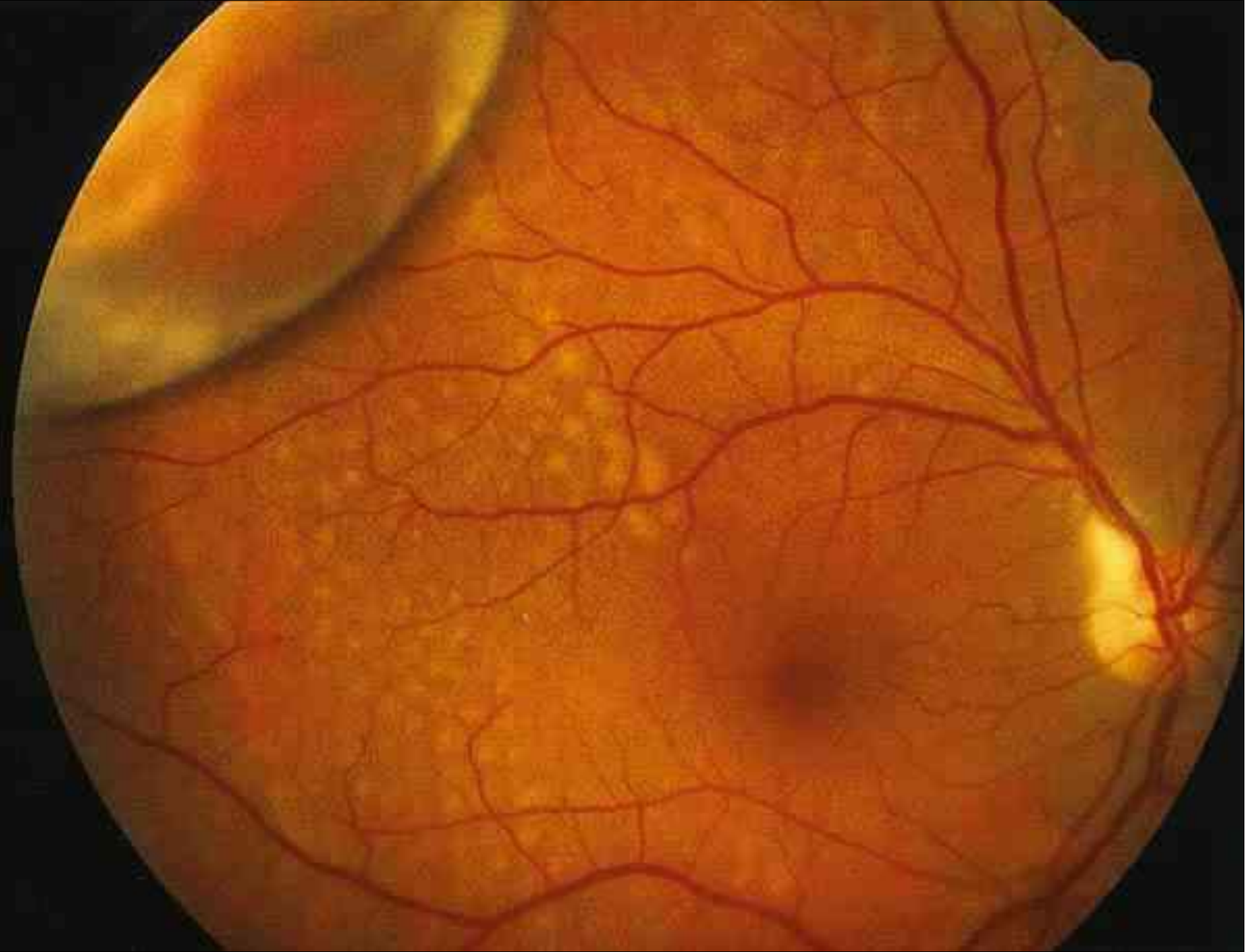
Retinal tear

Retinal detachment

Vitreous gel

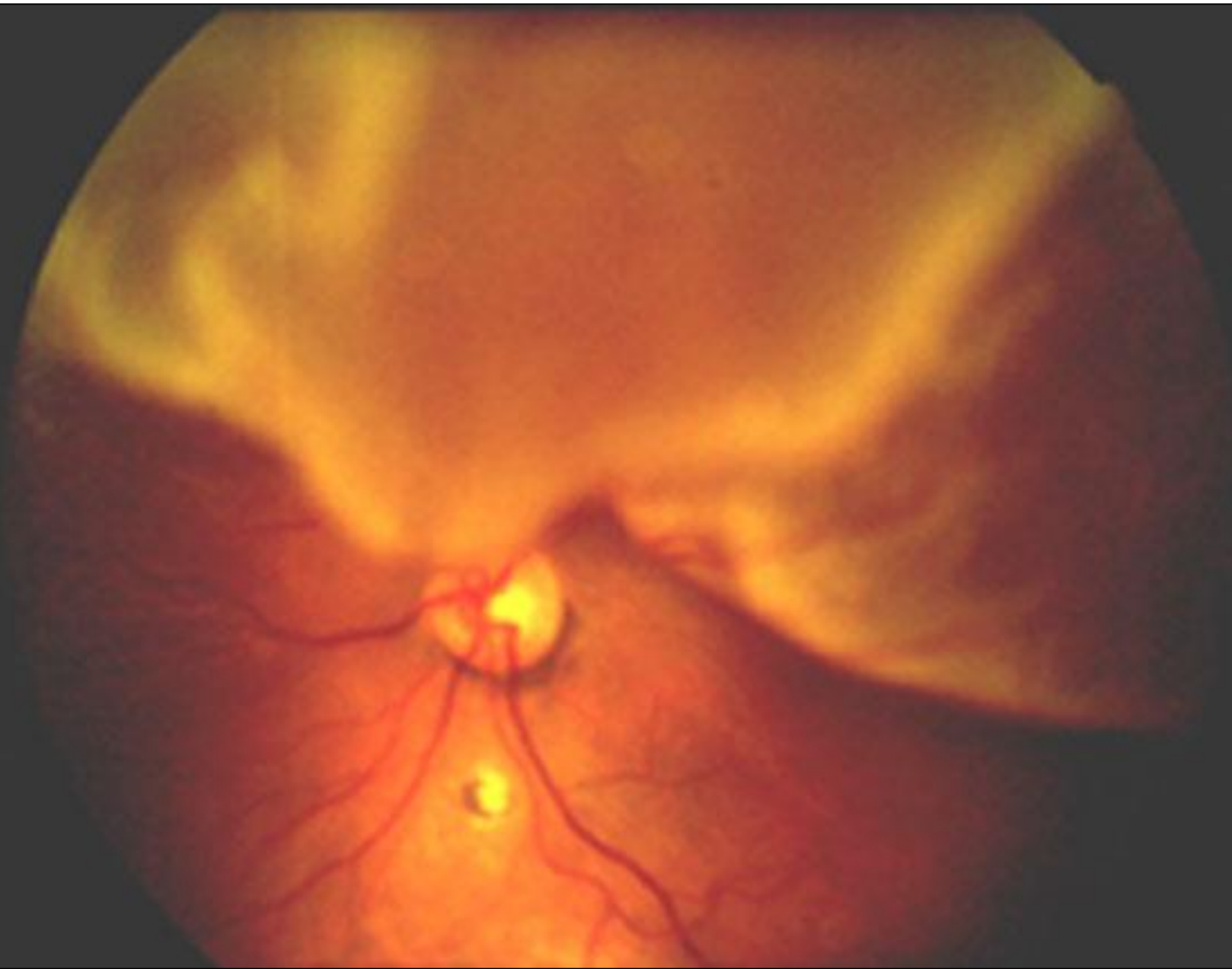
(vitreous separation)

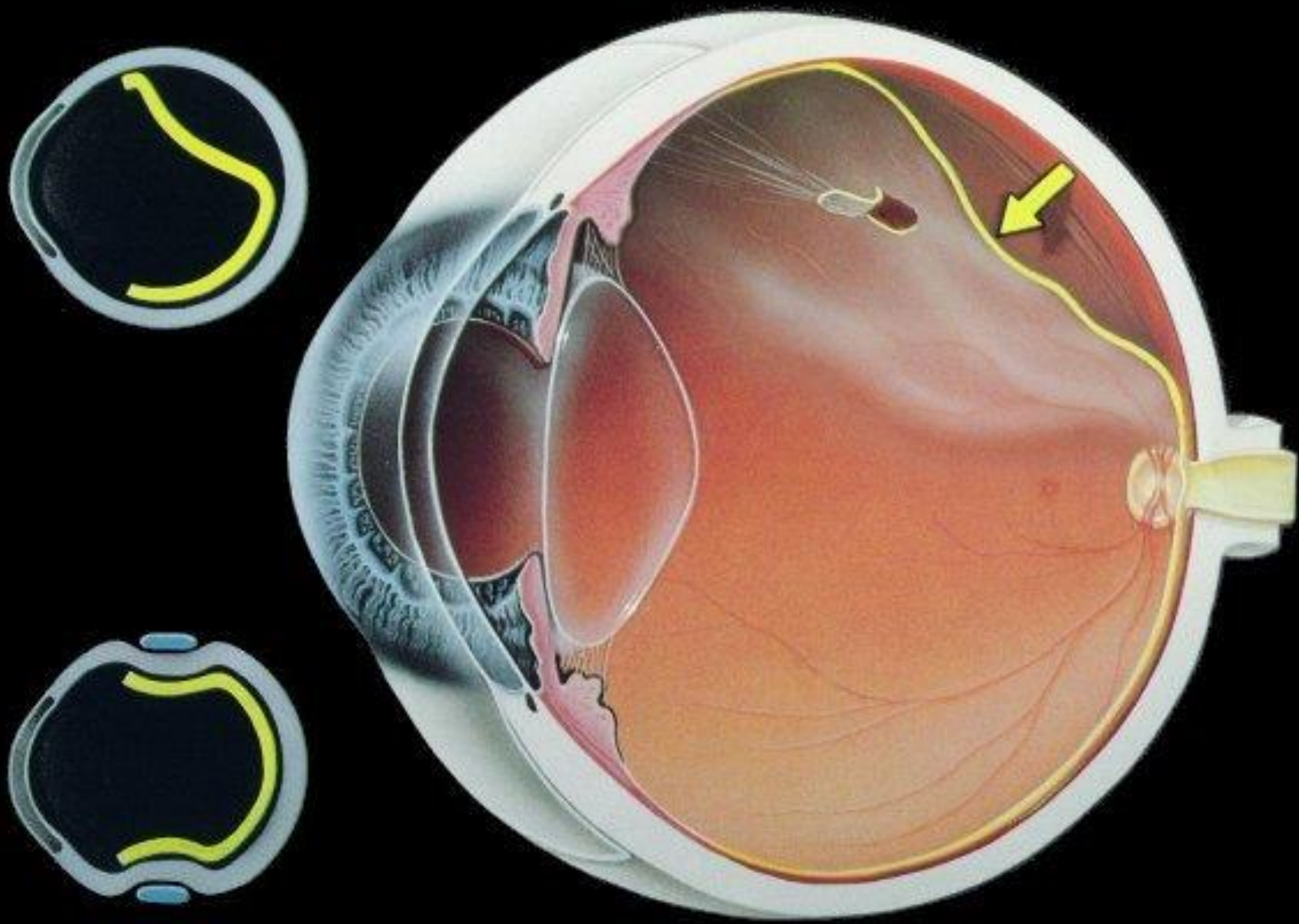




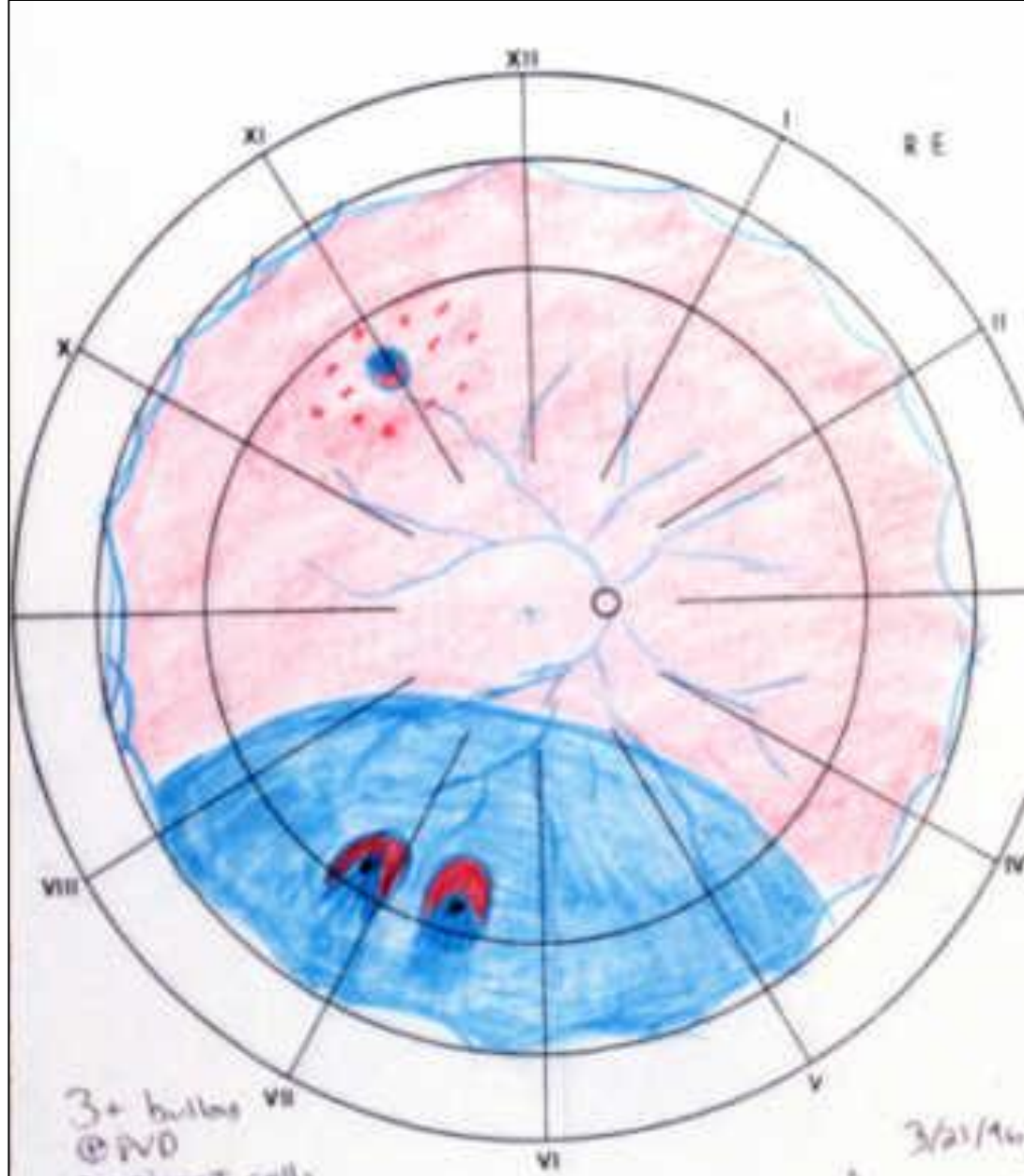


365



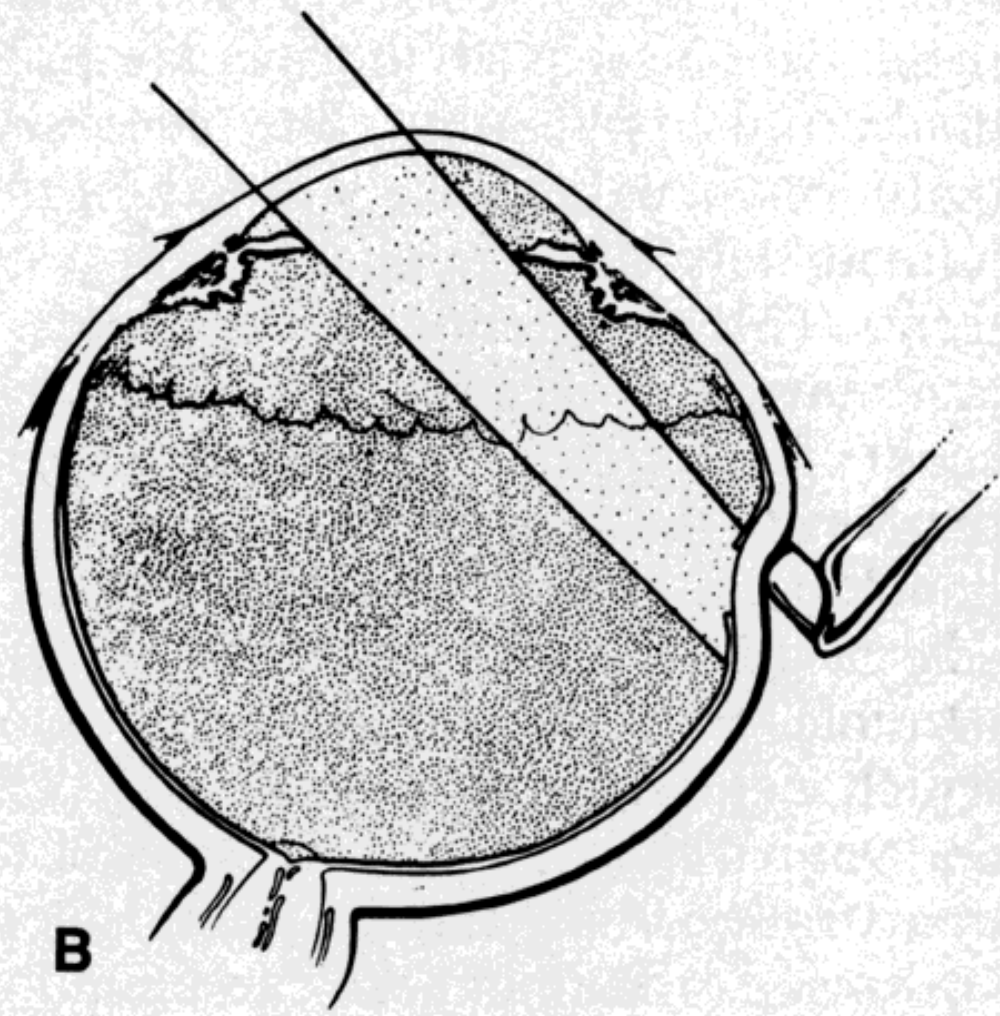
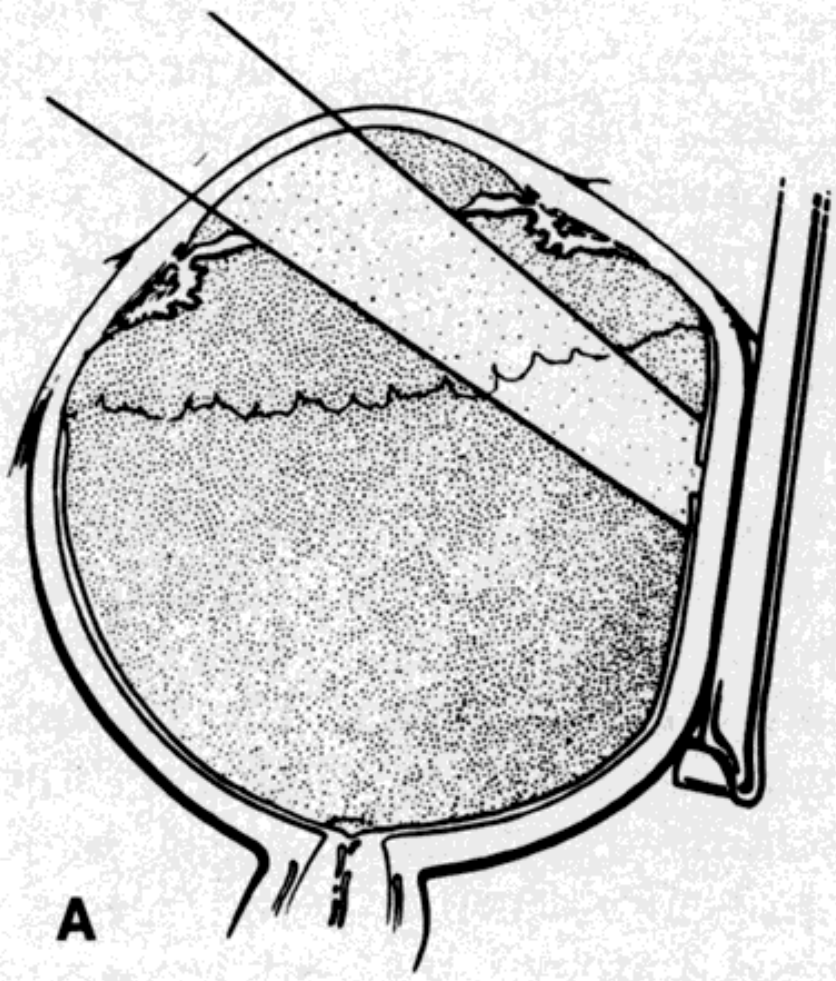


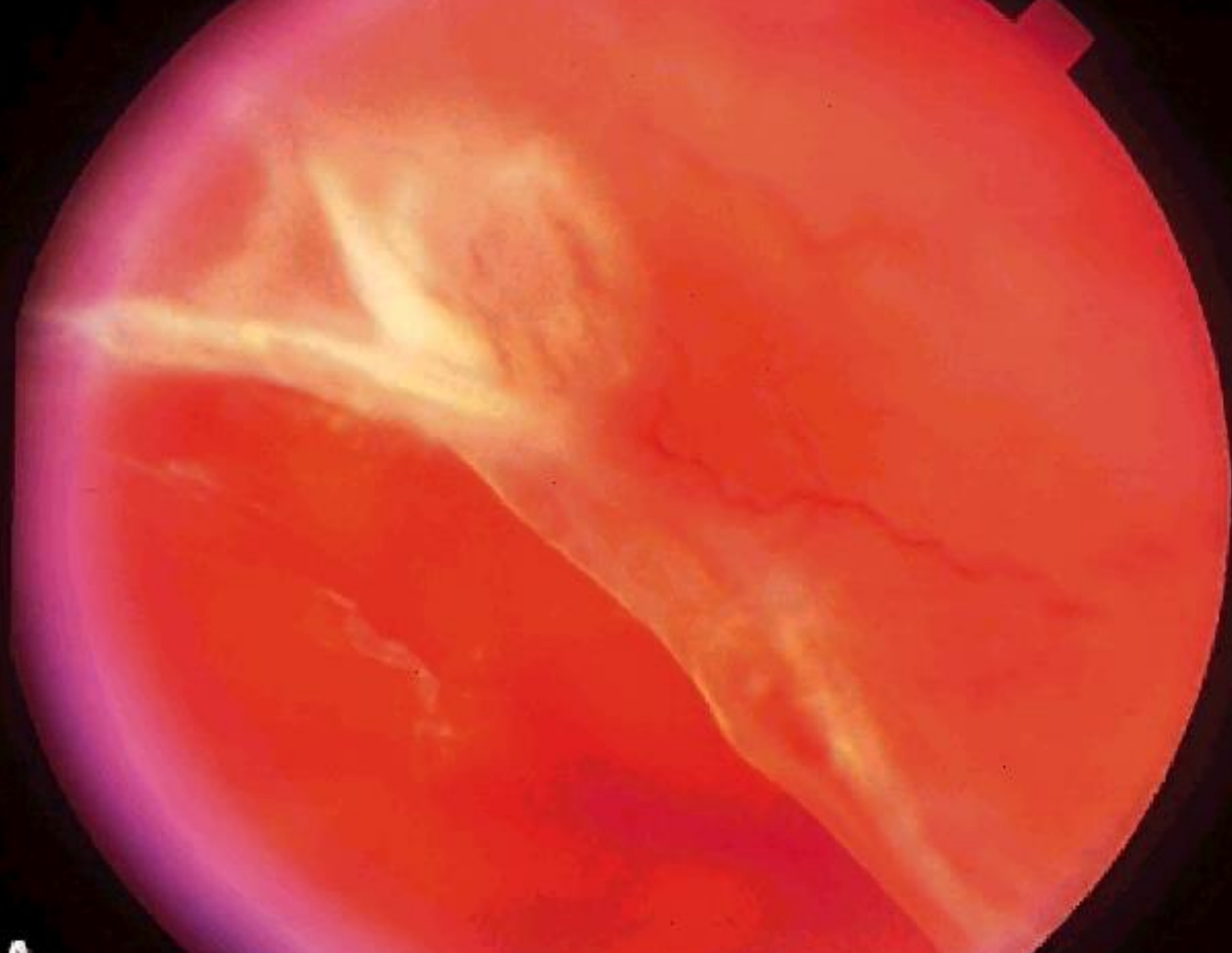


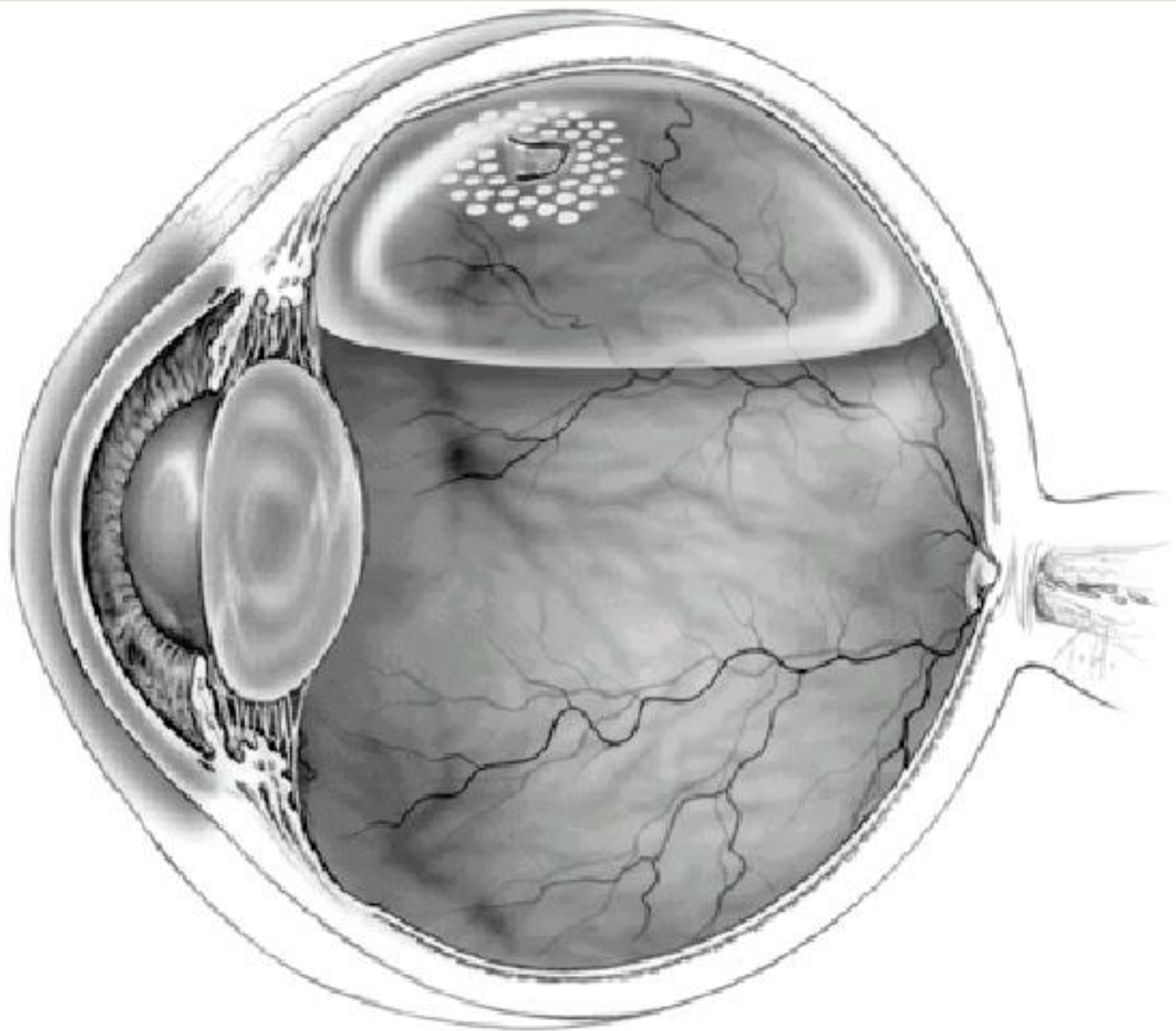


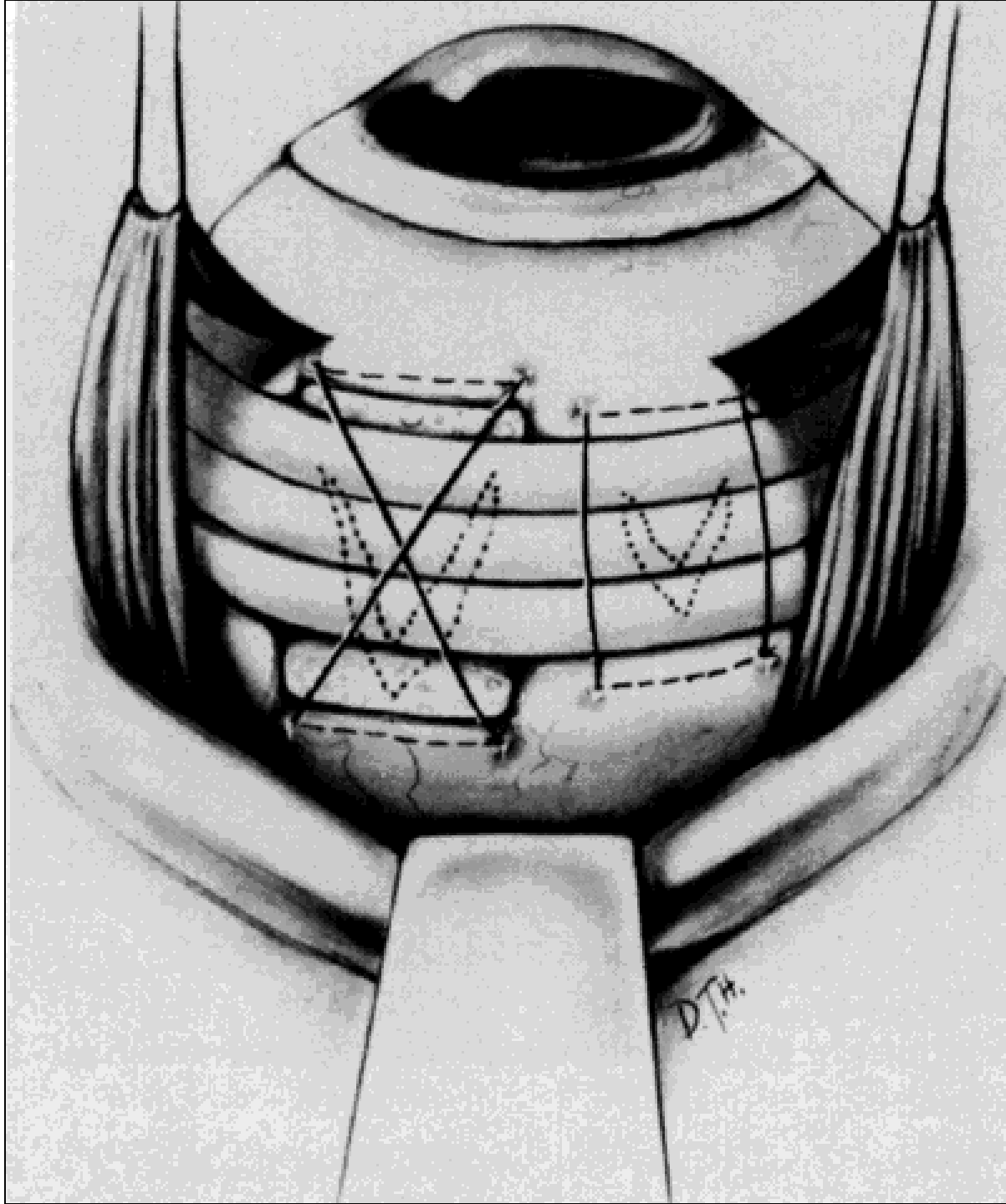
3+ bulbs VII
 @ PD
 2+ pigment cells

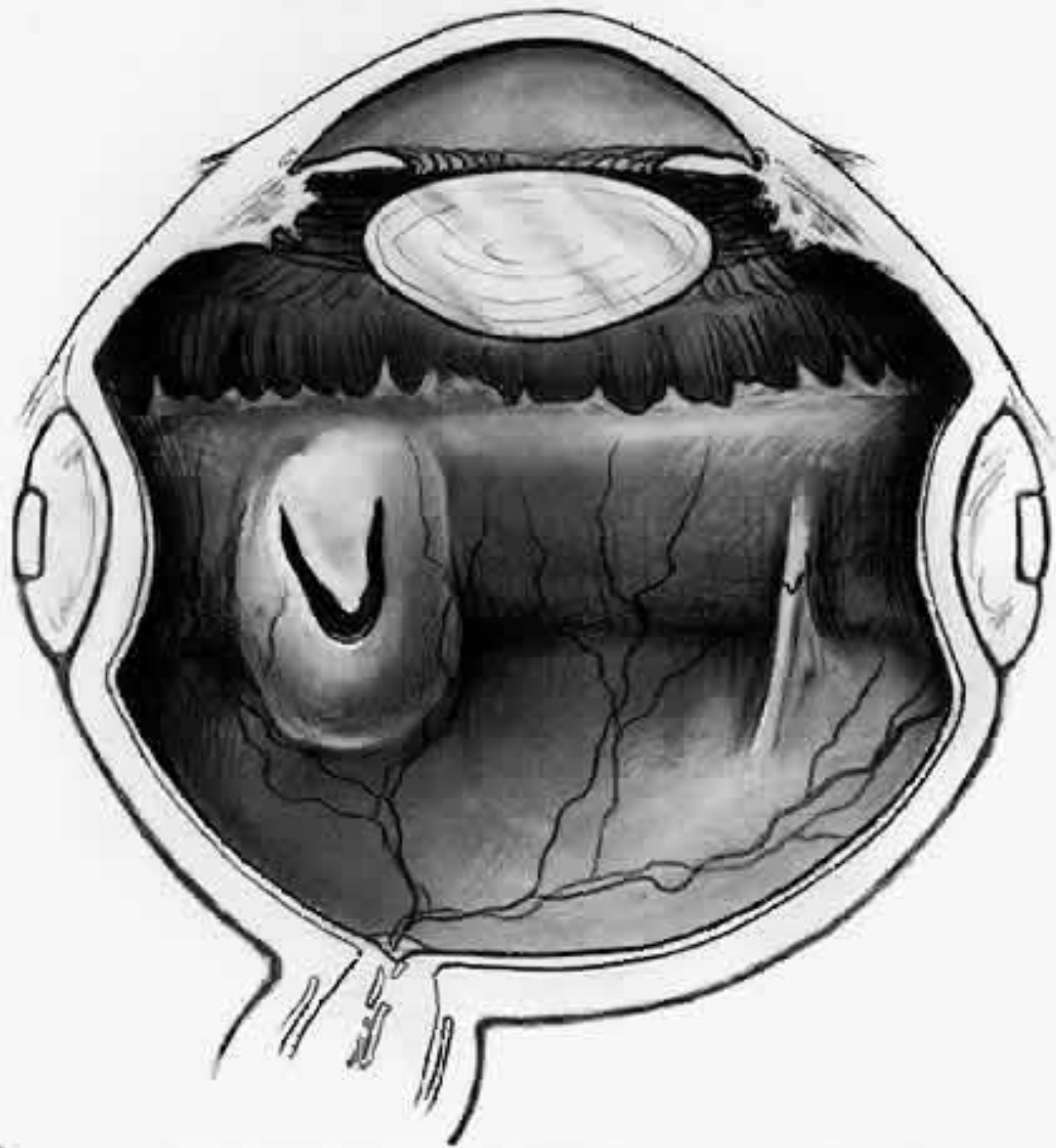
3/21/96
 [Signature]

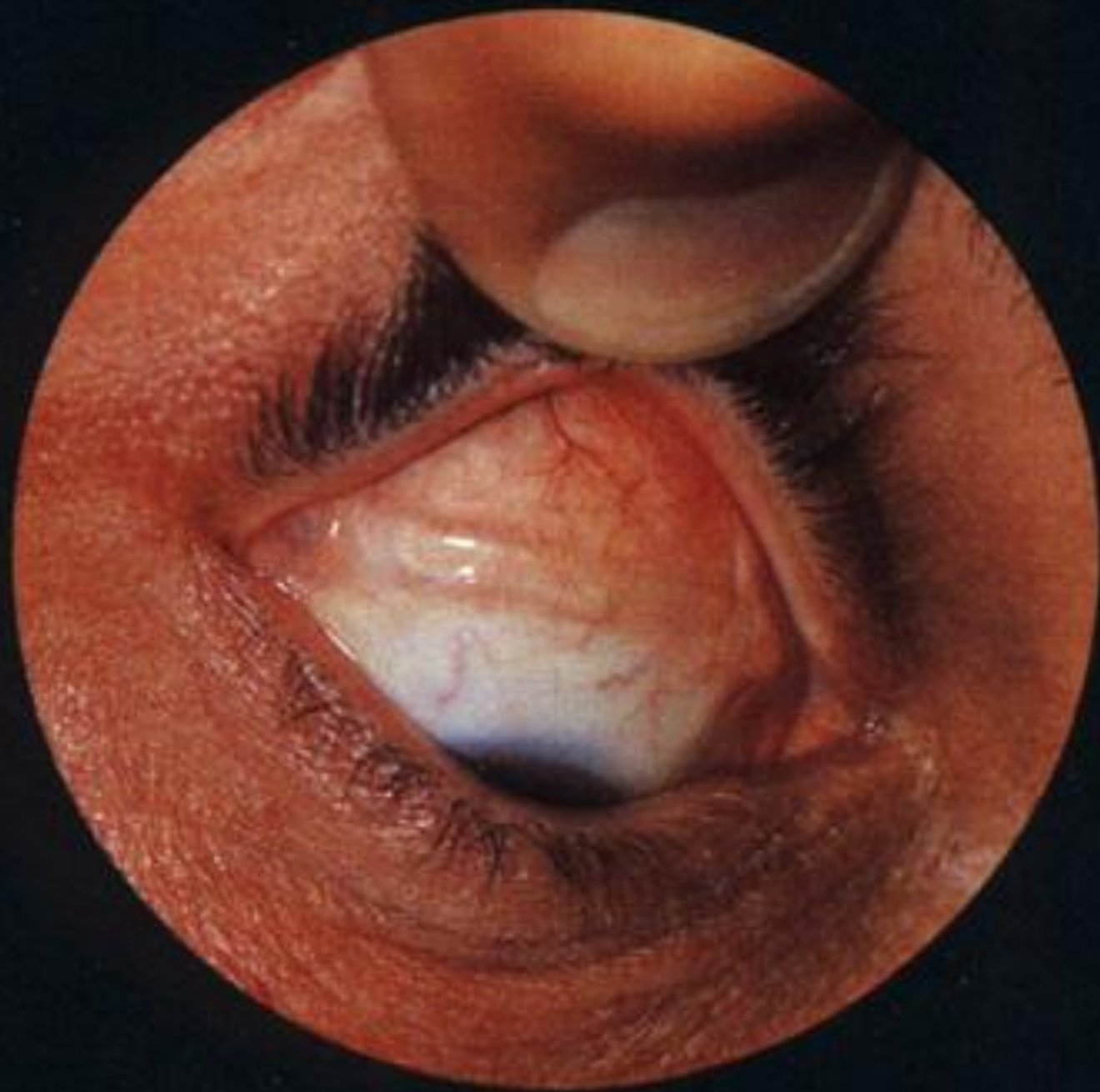


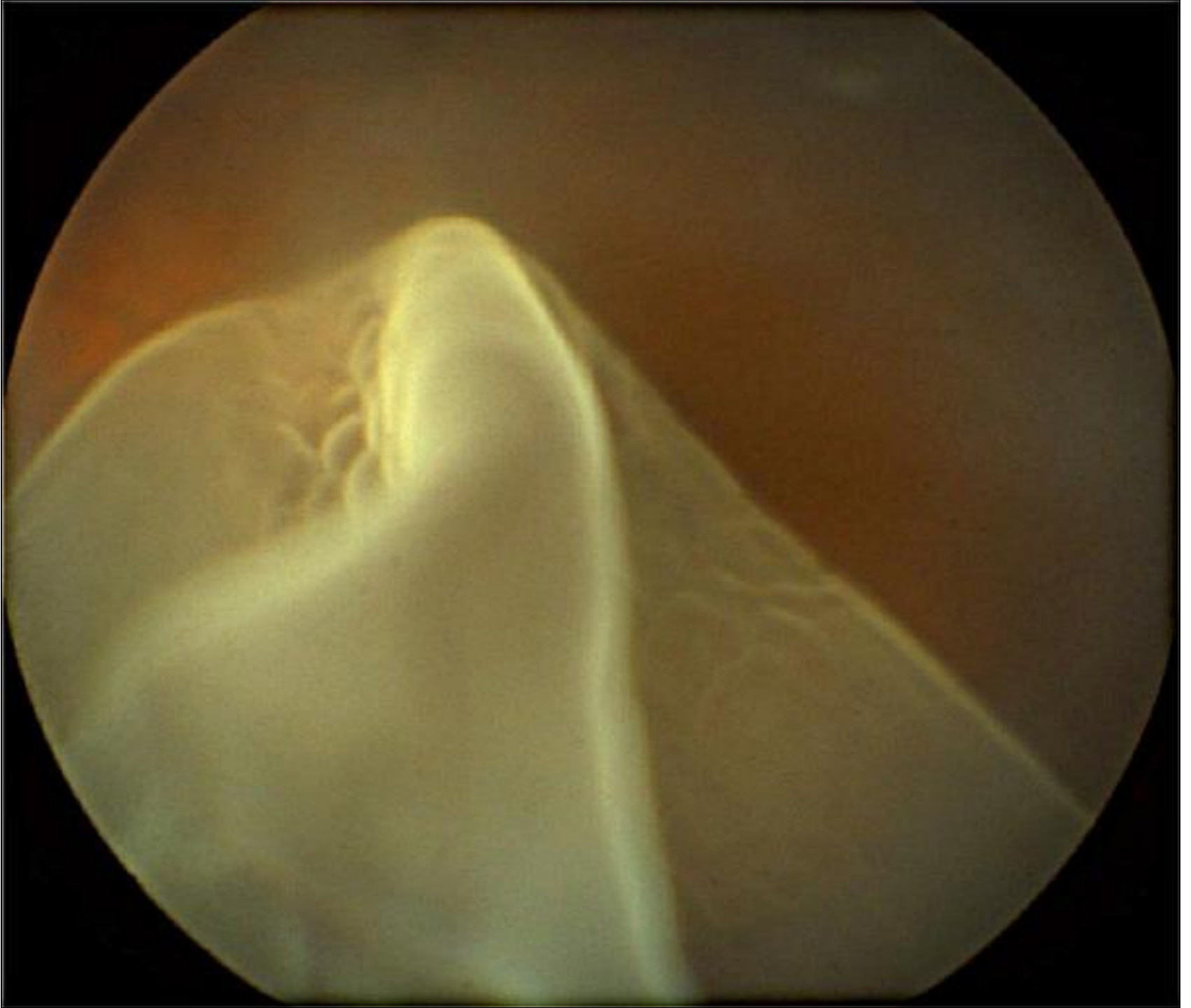


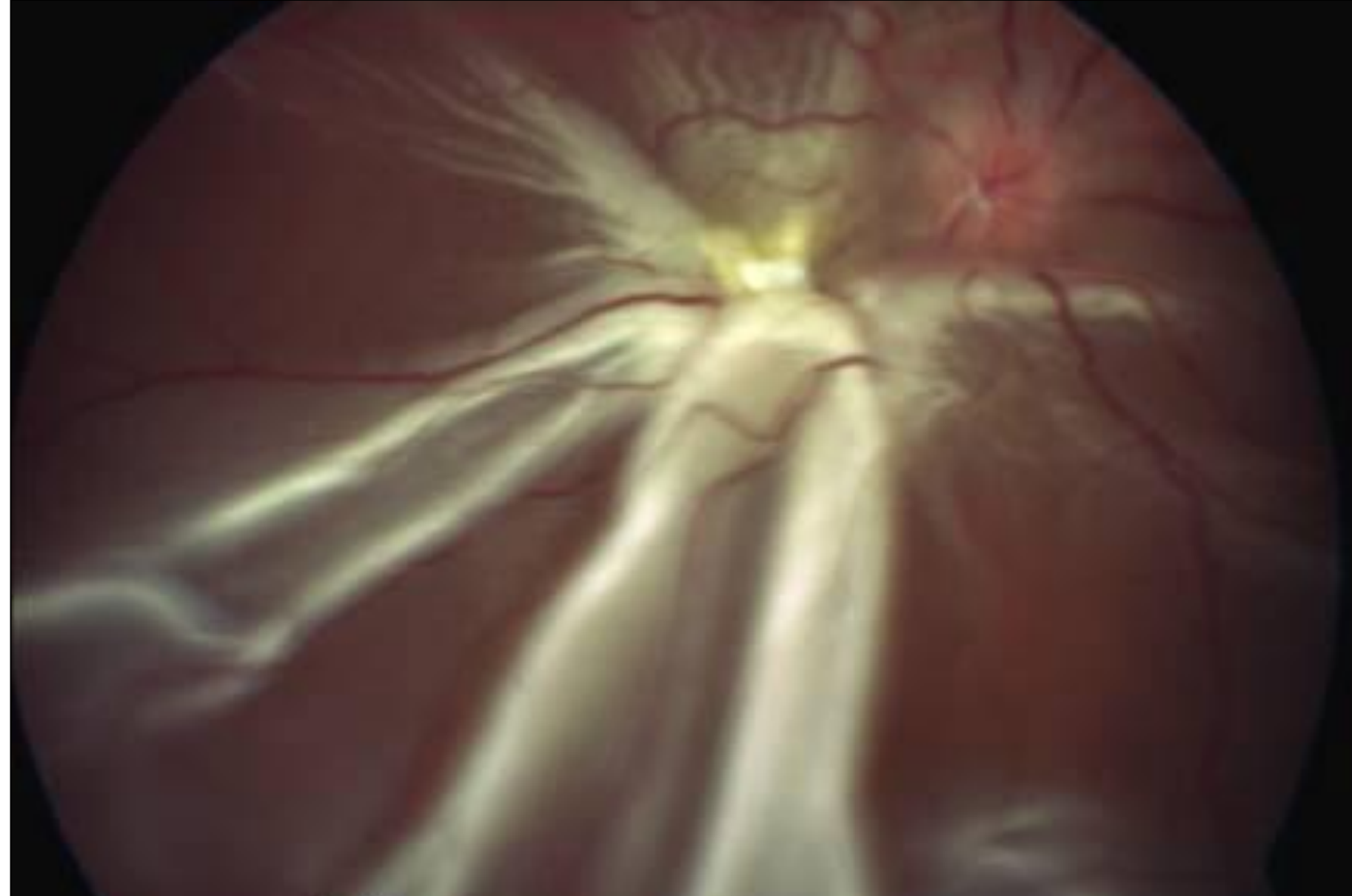




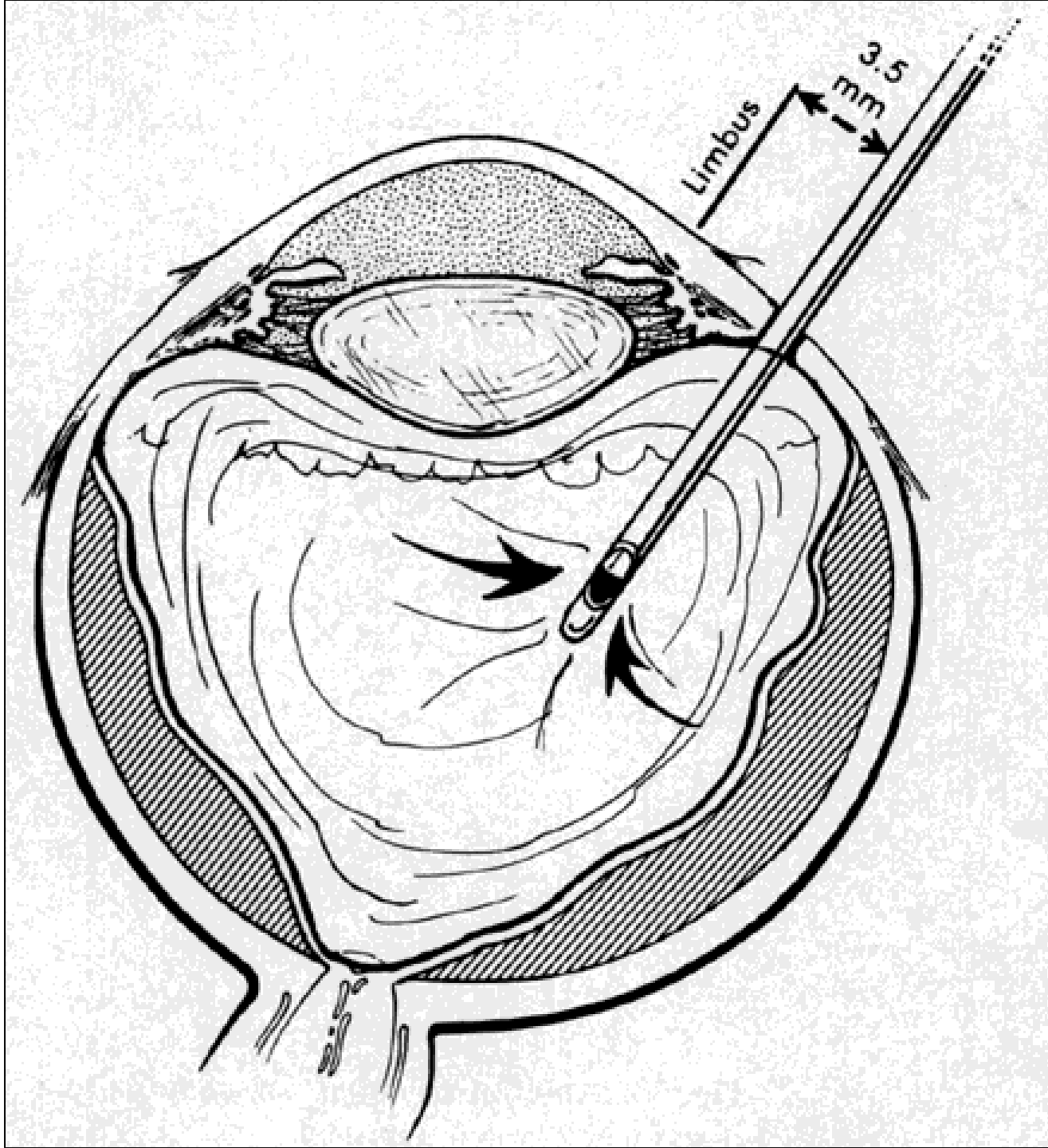




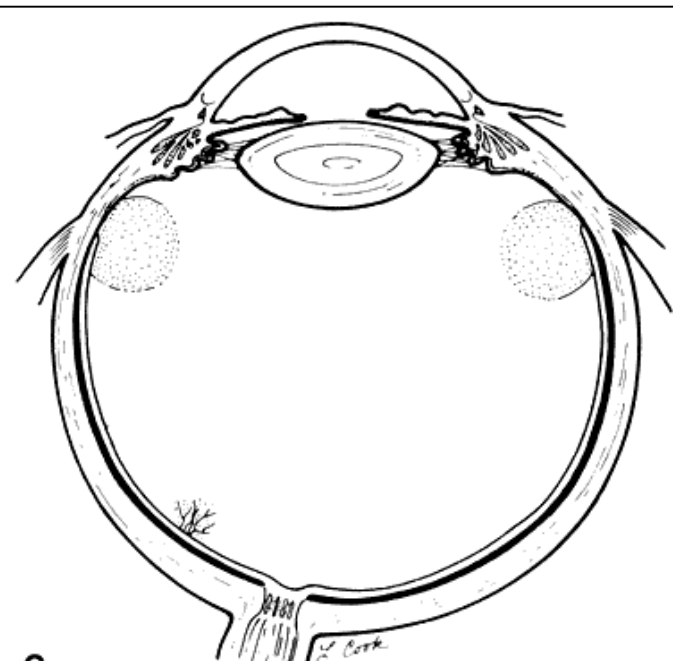
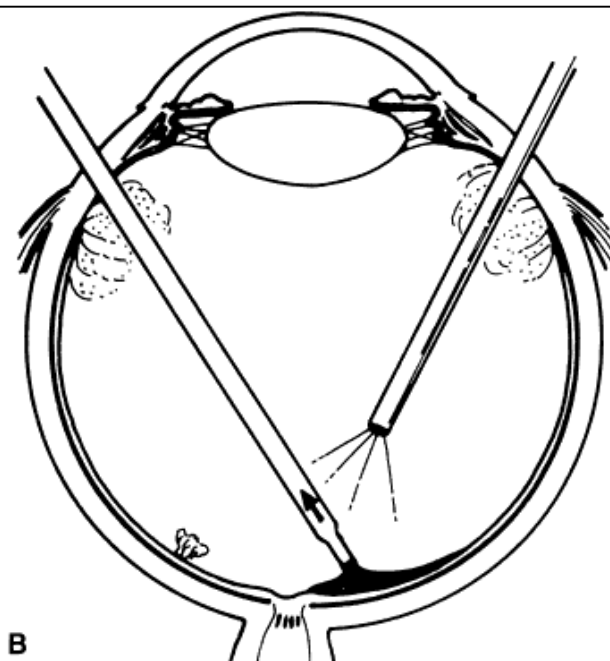
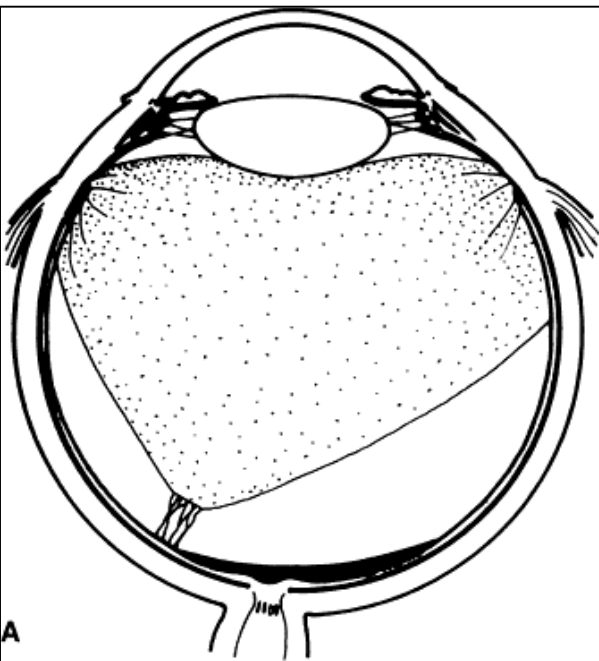


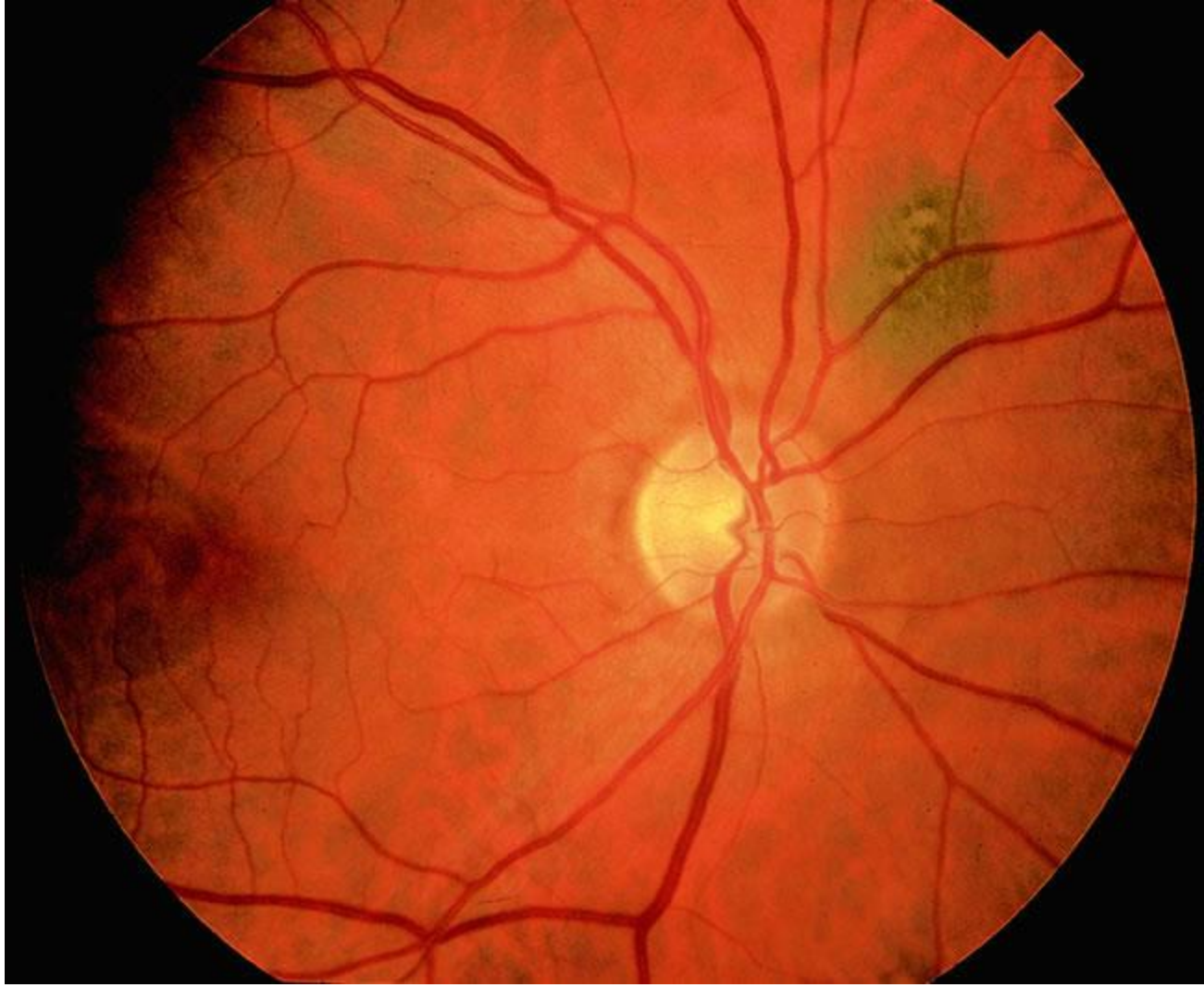


Edward S. Harkness Eye Institute
Columbia University





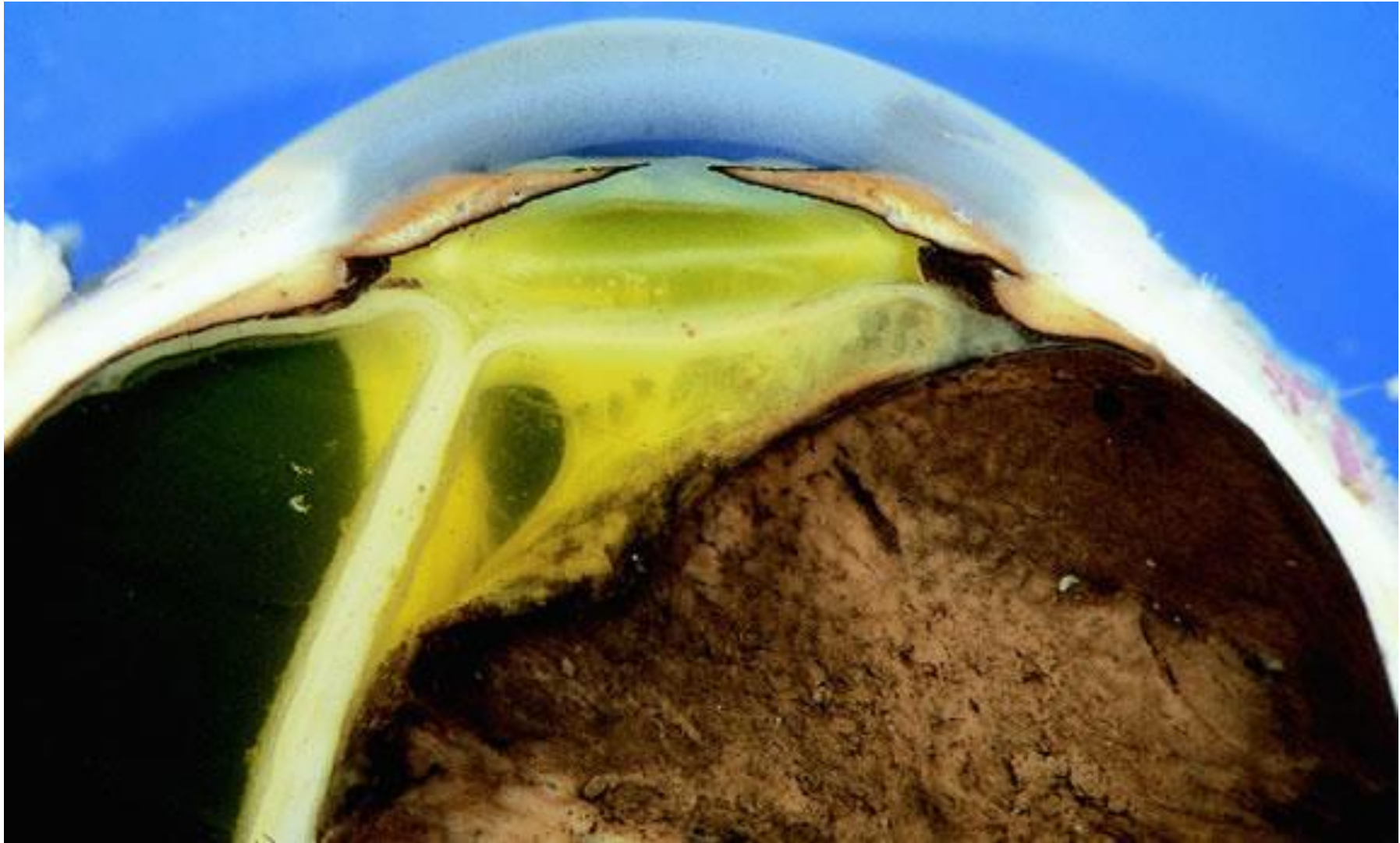




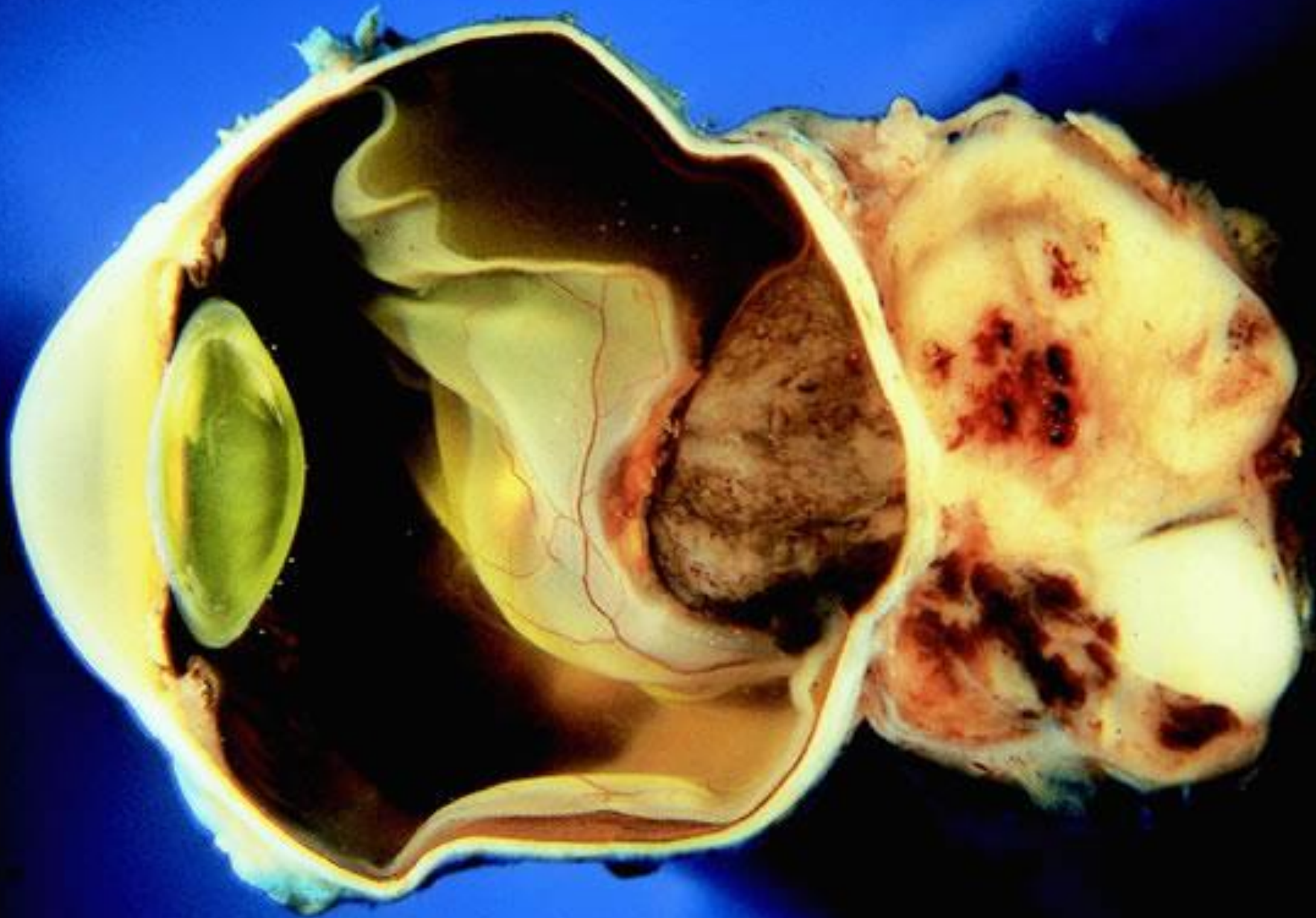






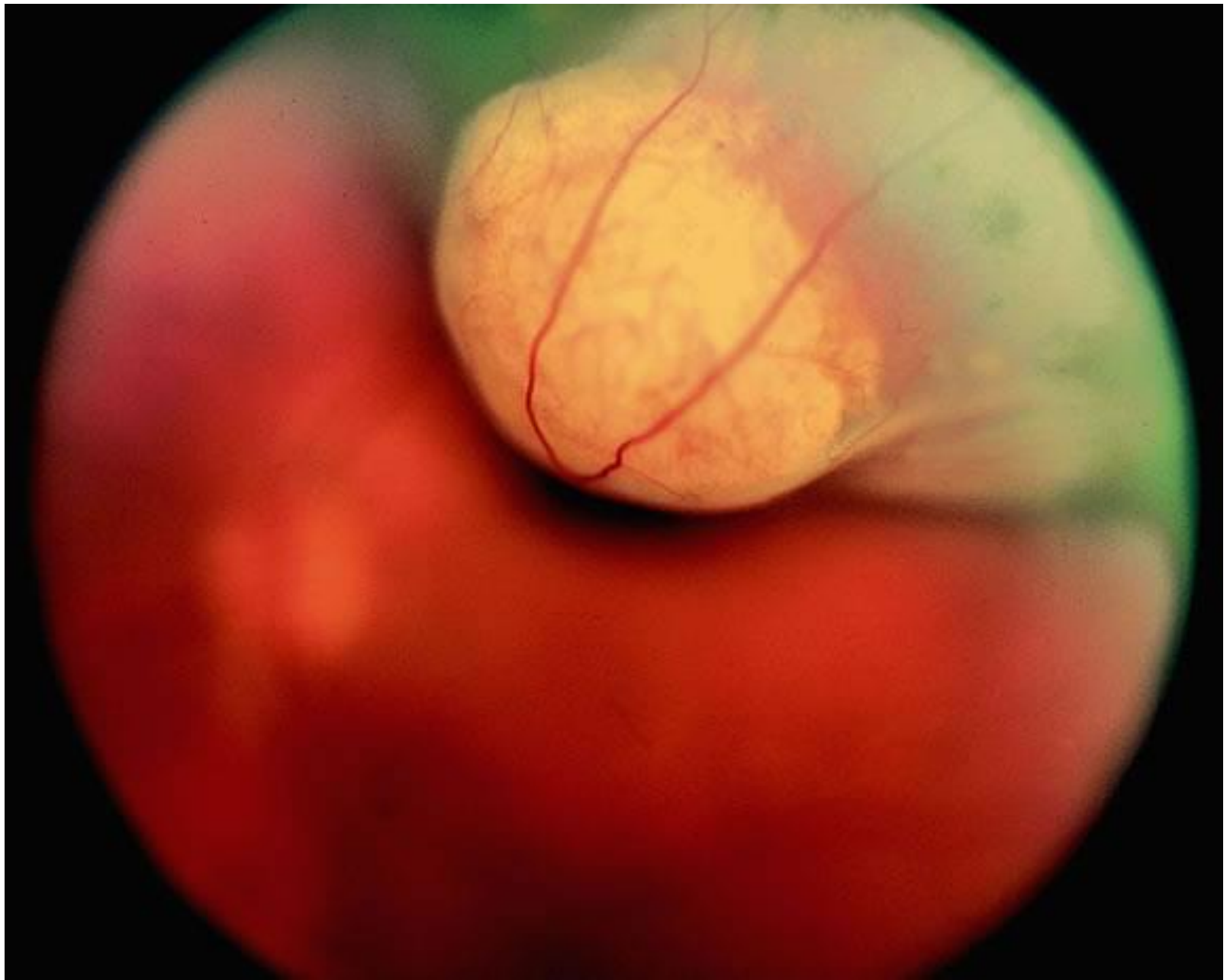




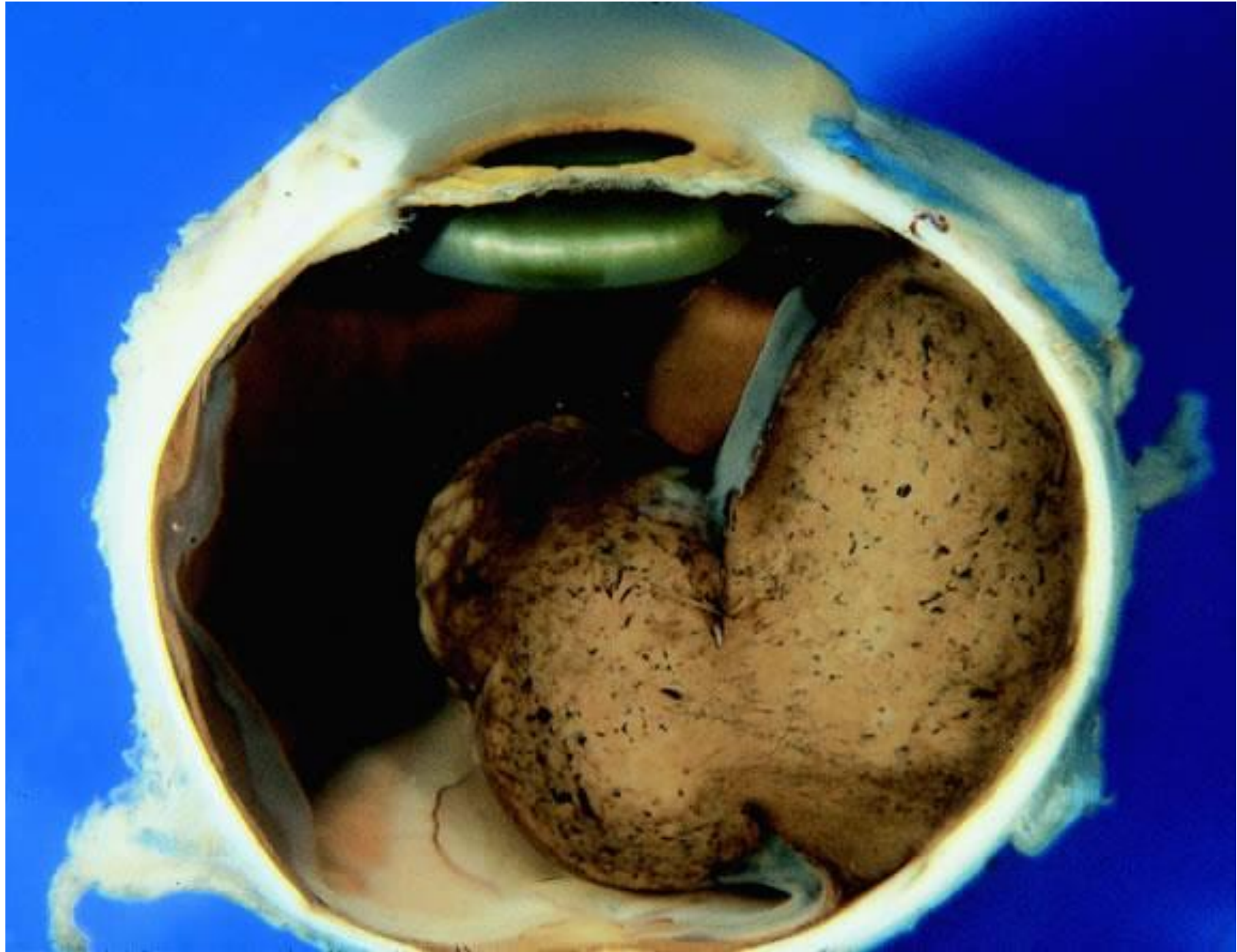




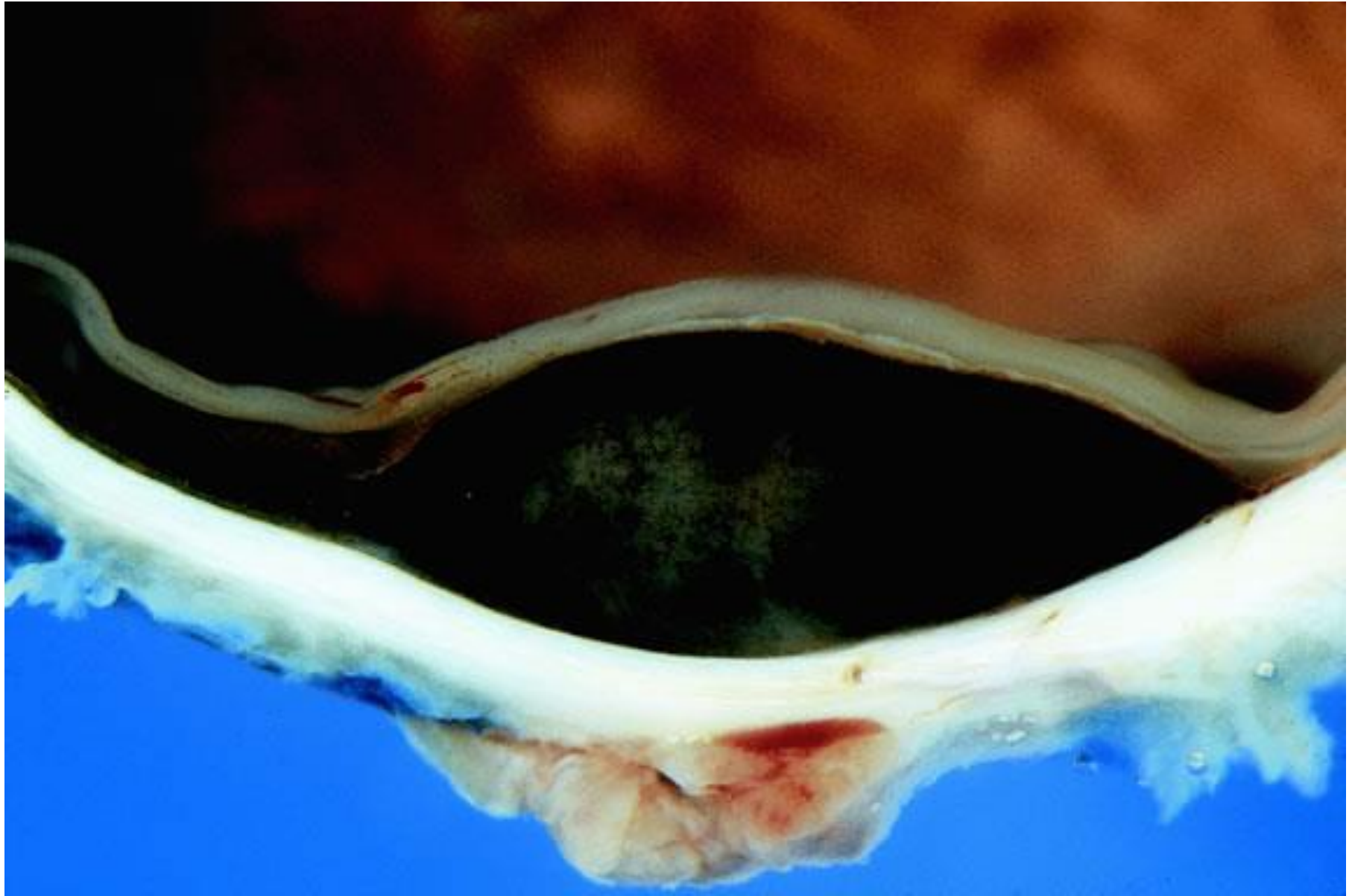


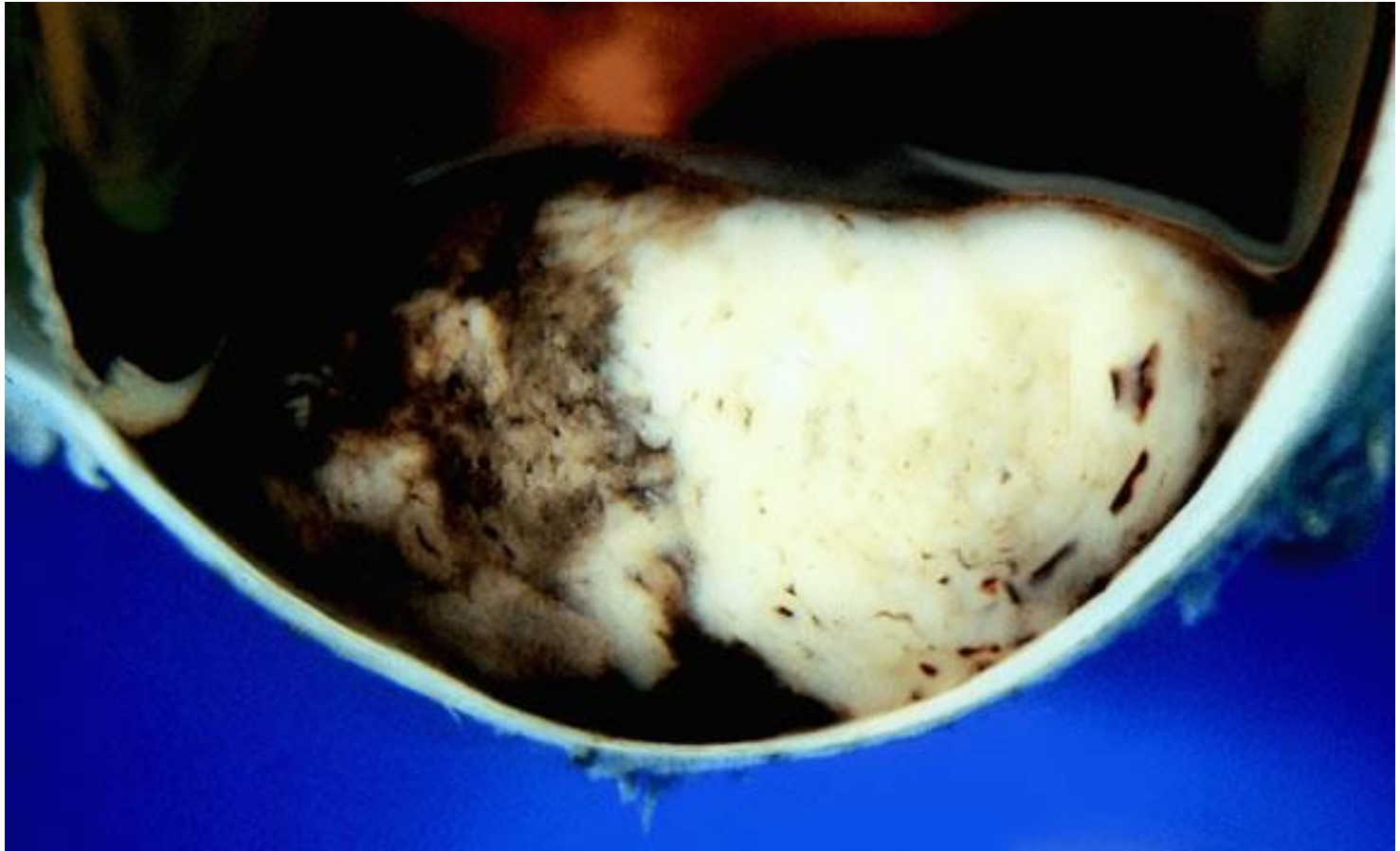


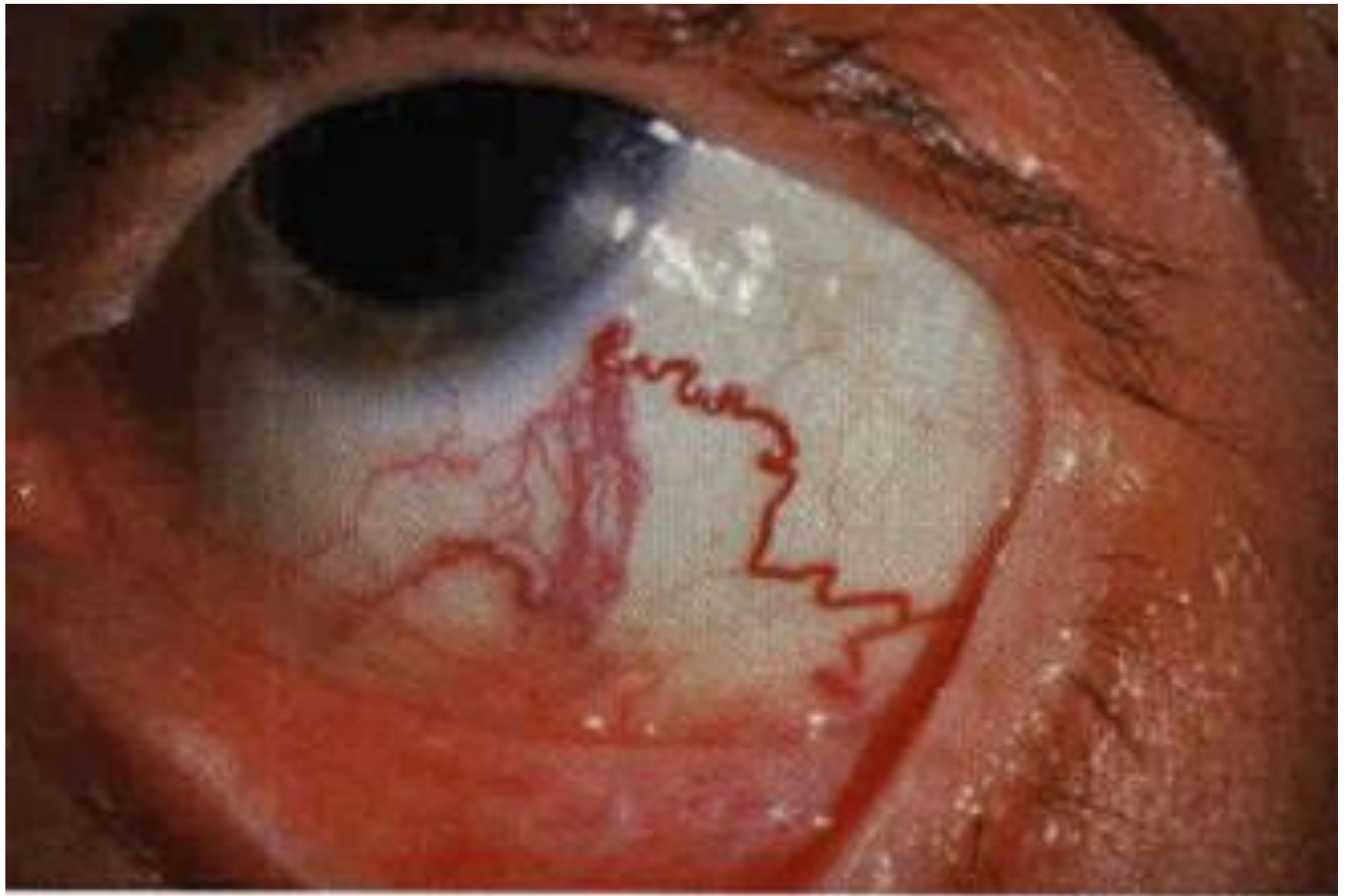


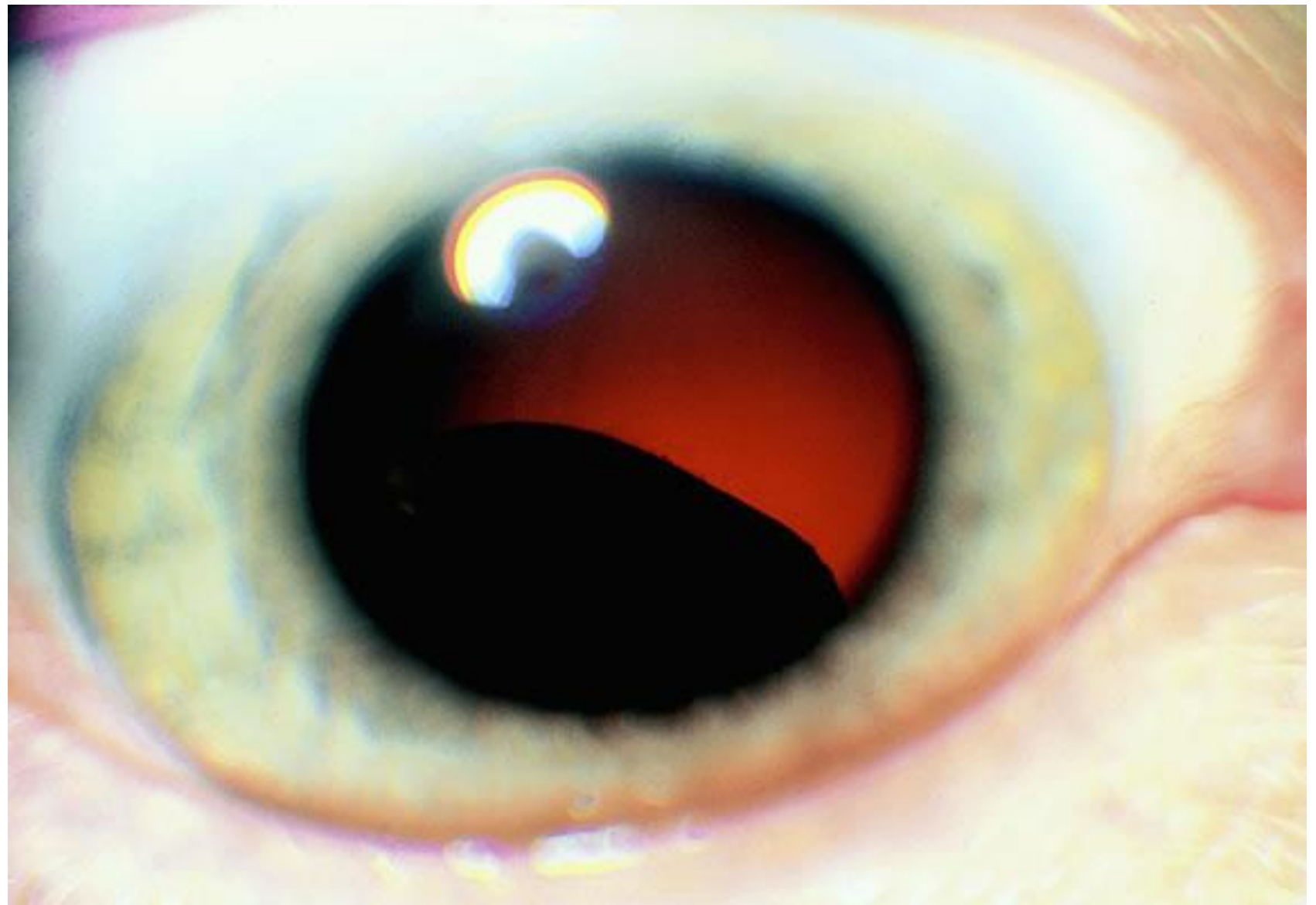


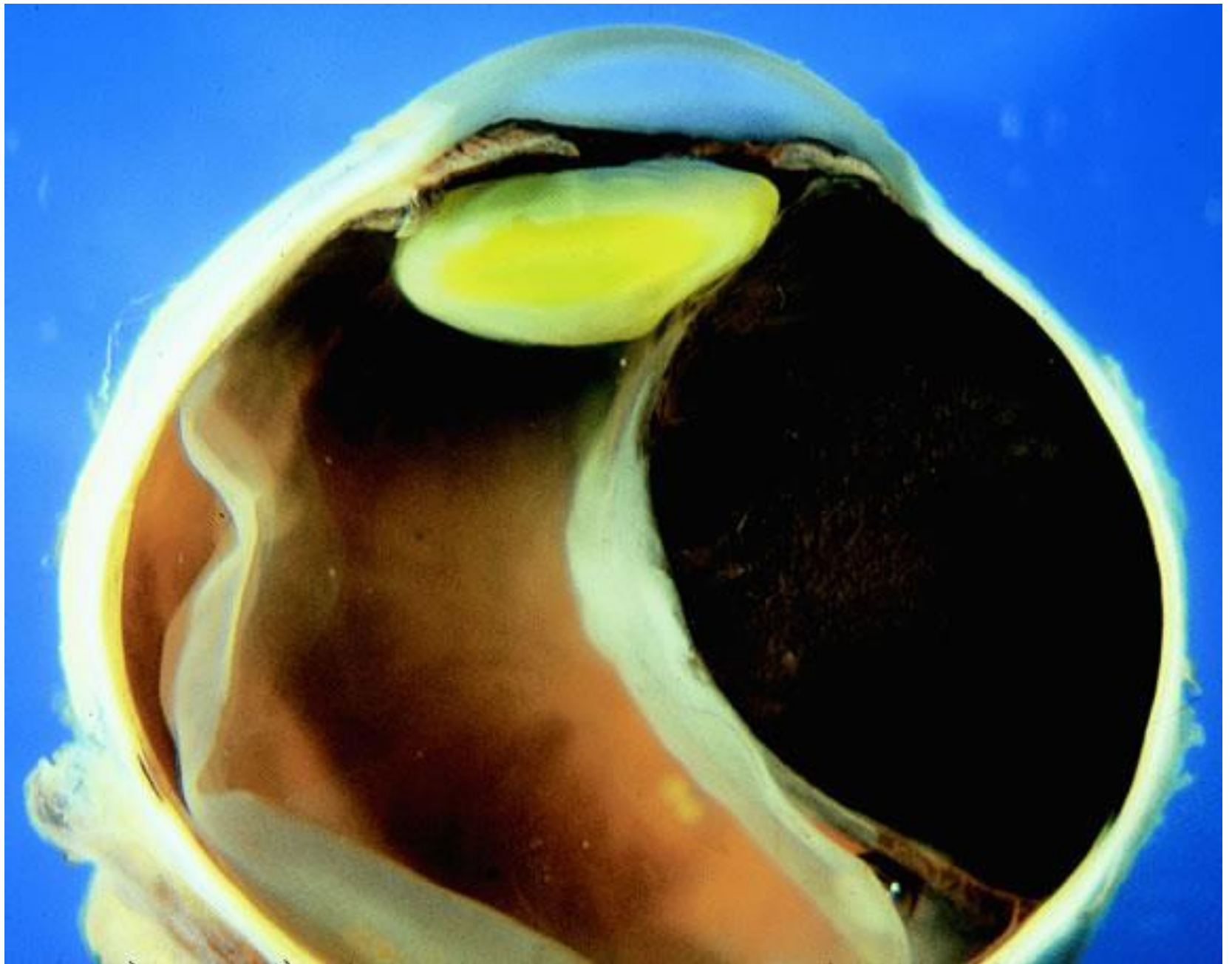


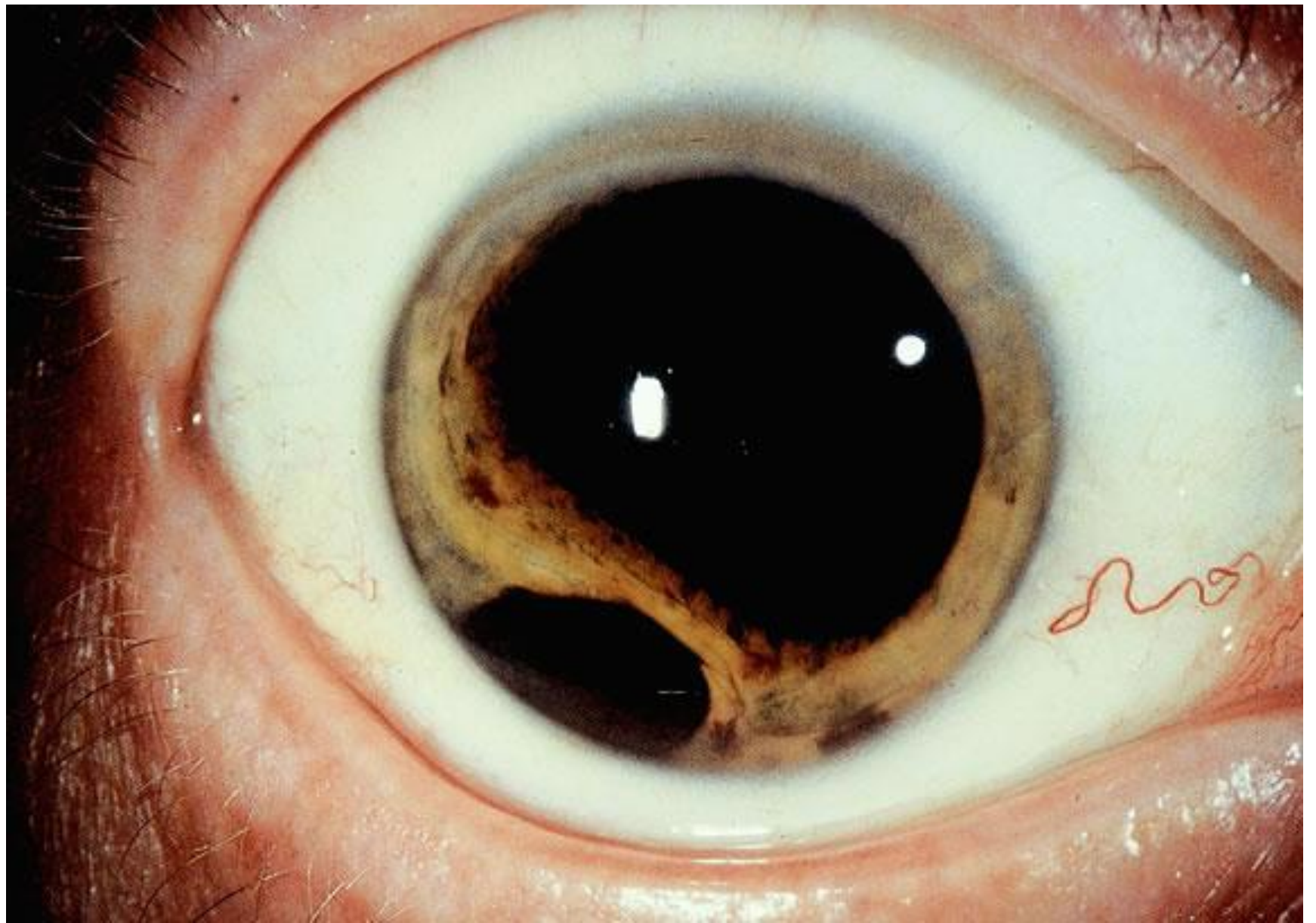


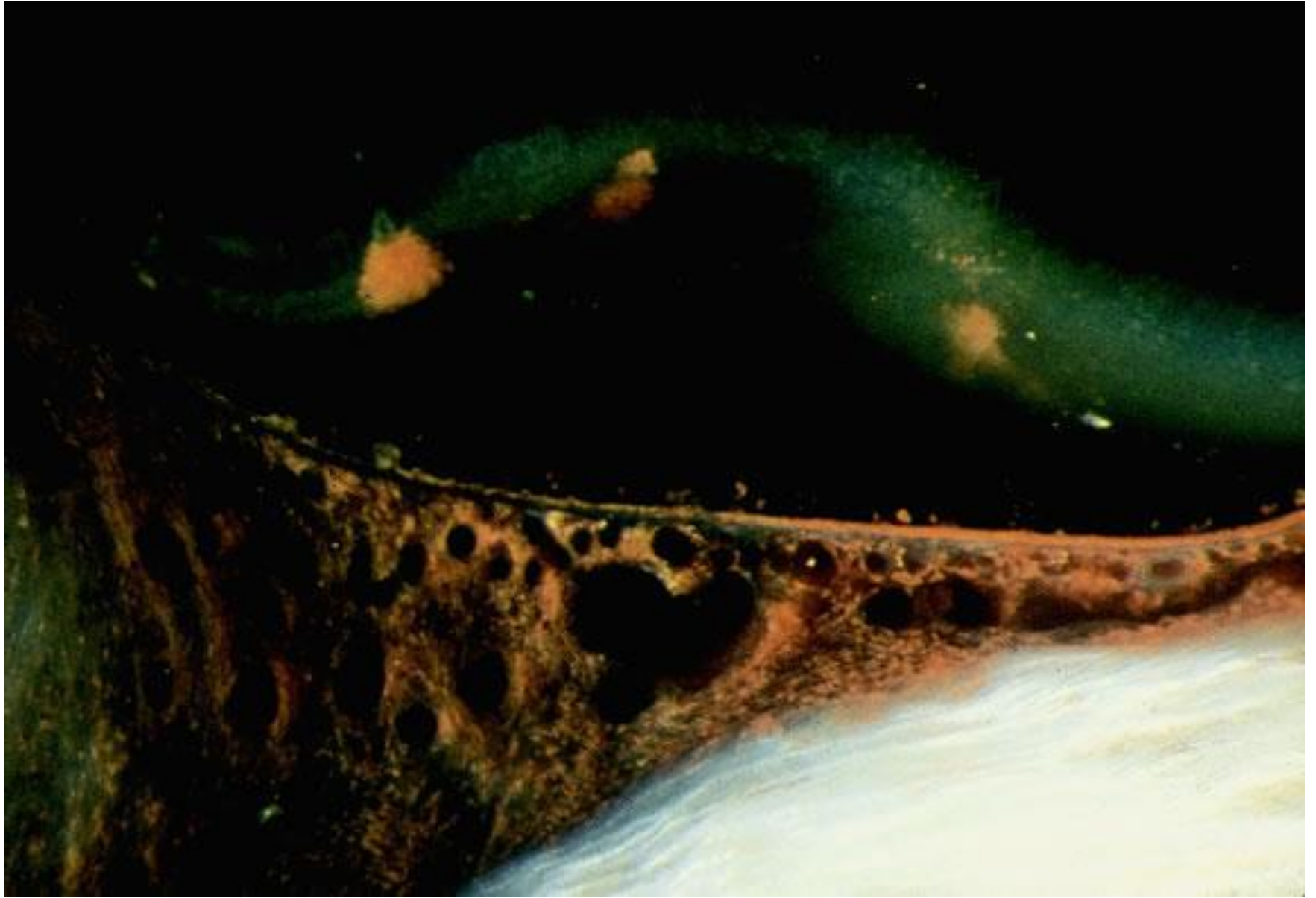


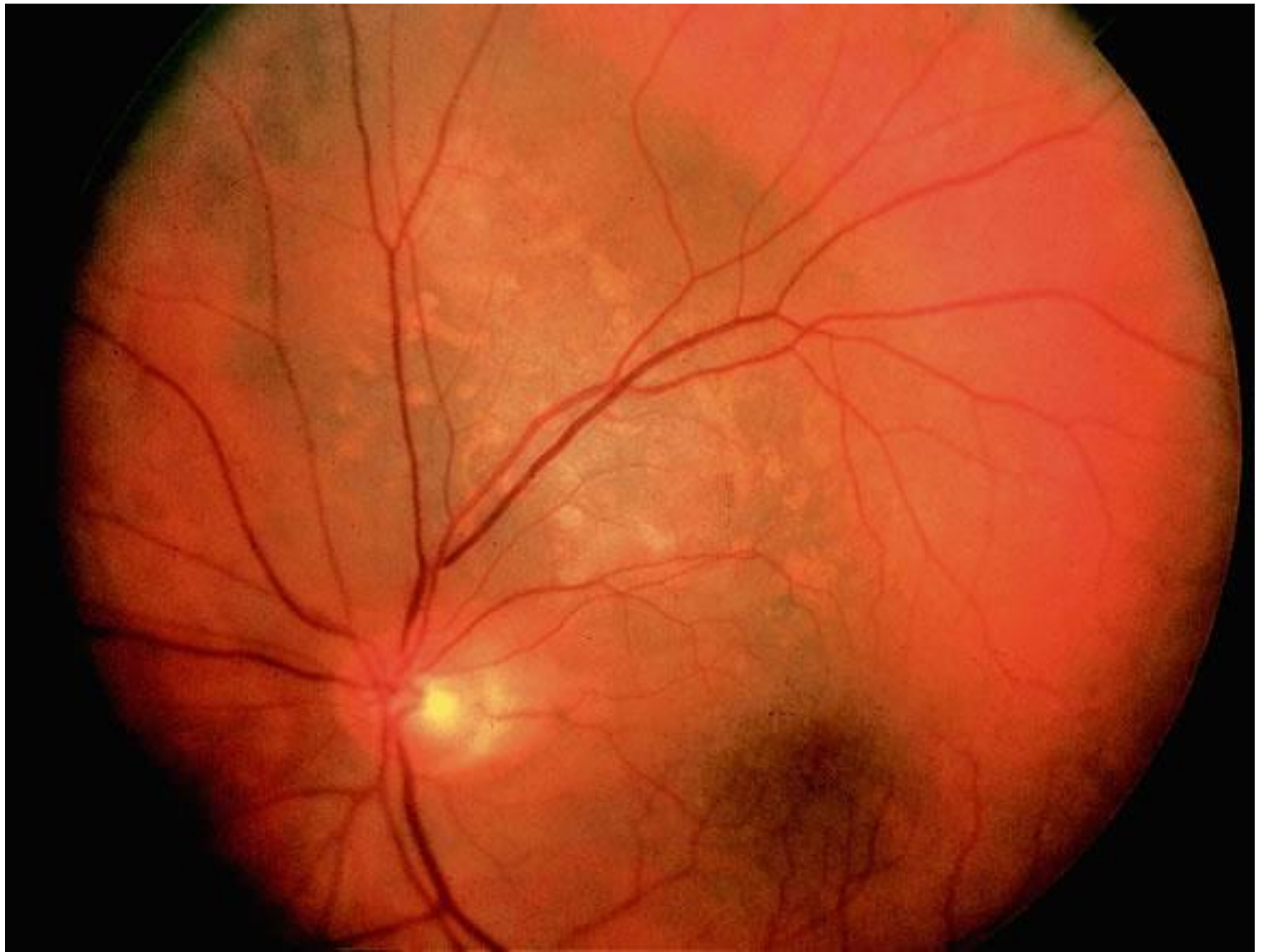






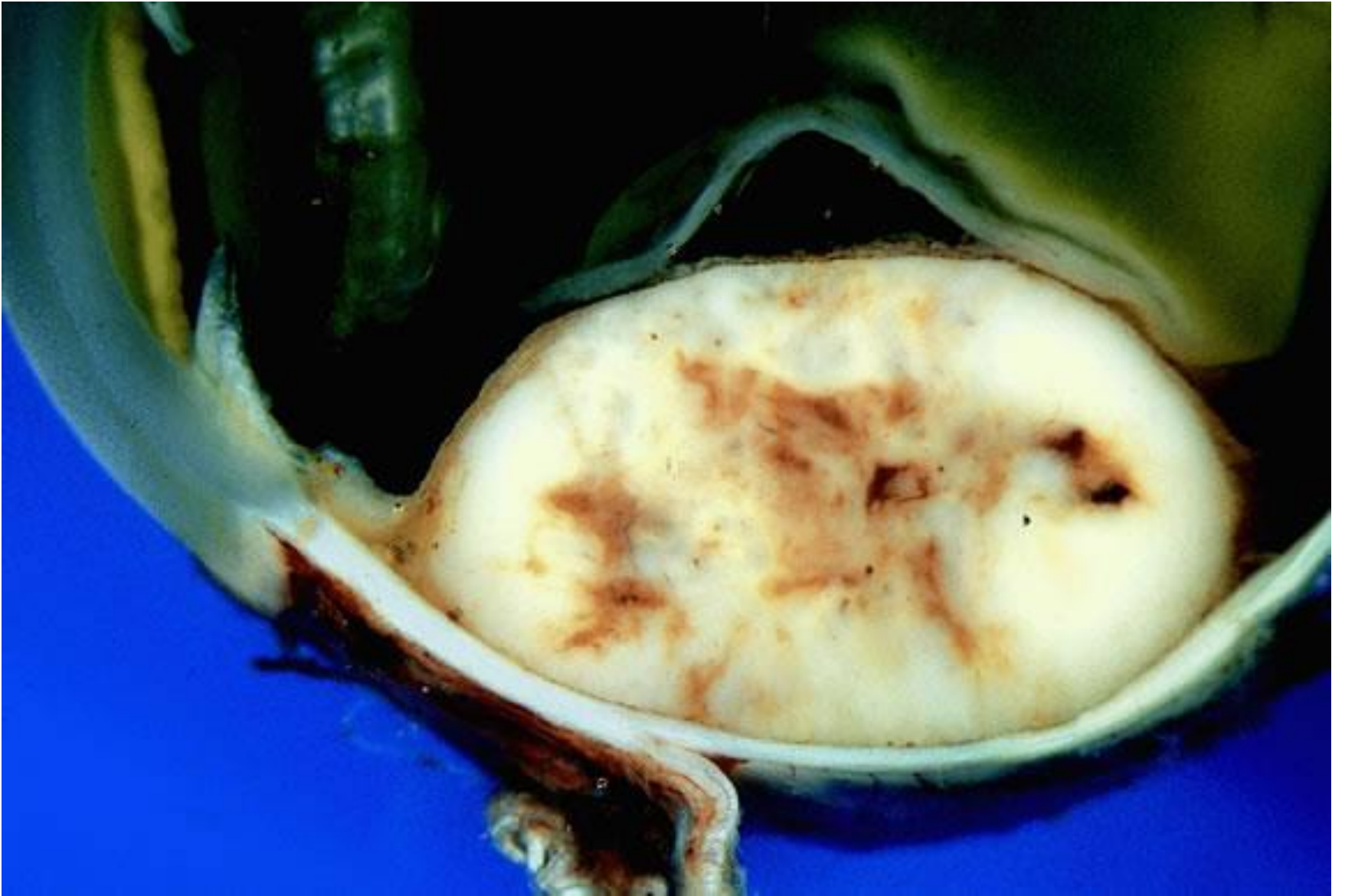






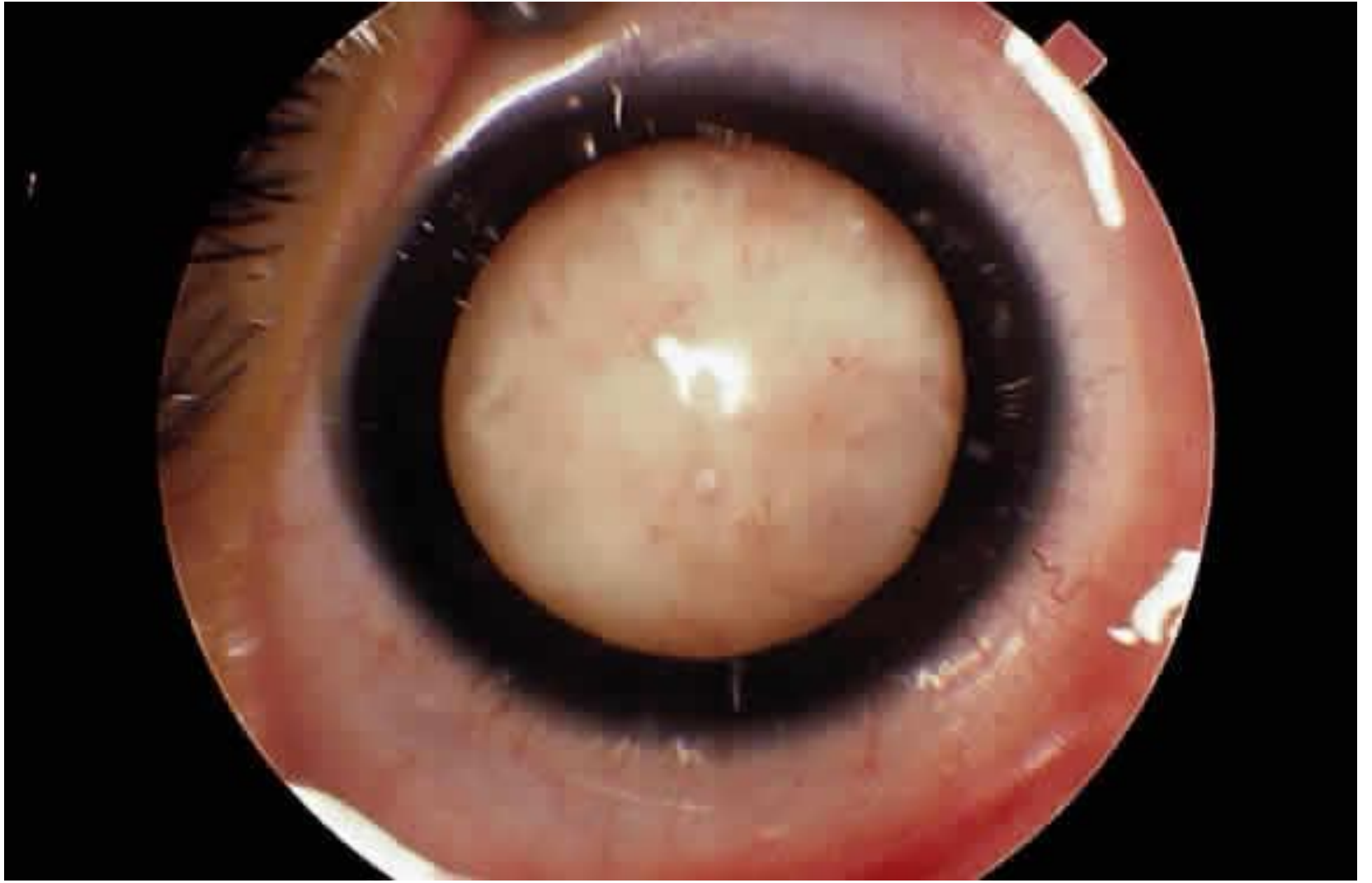


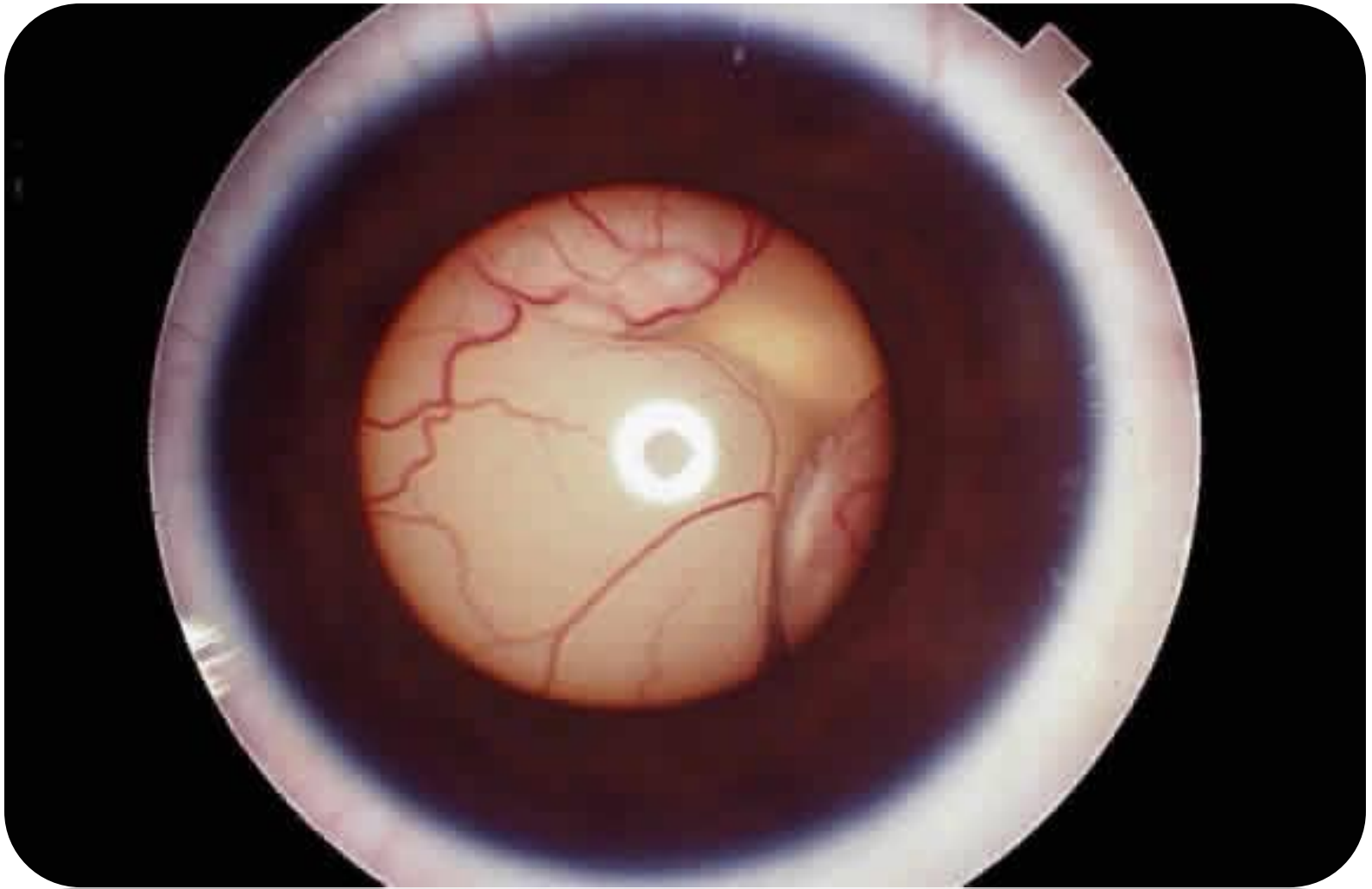


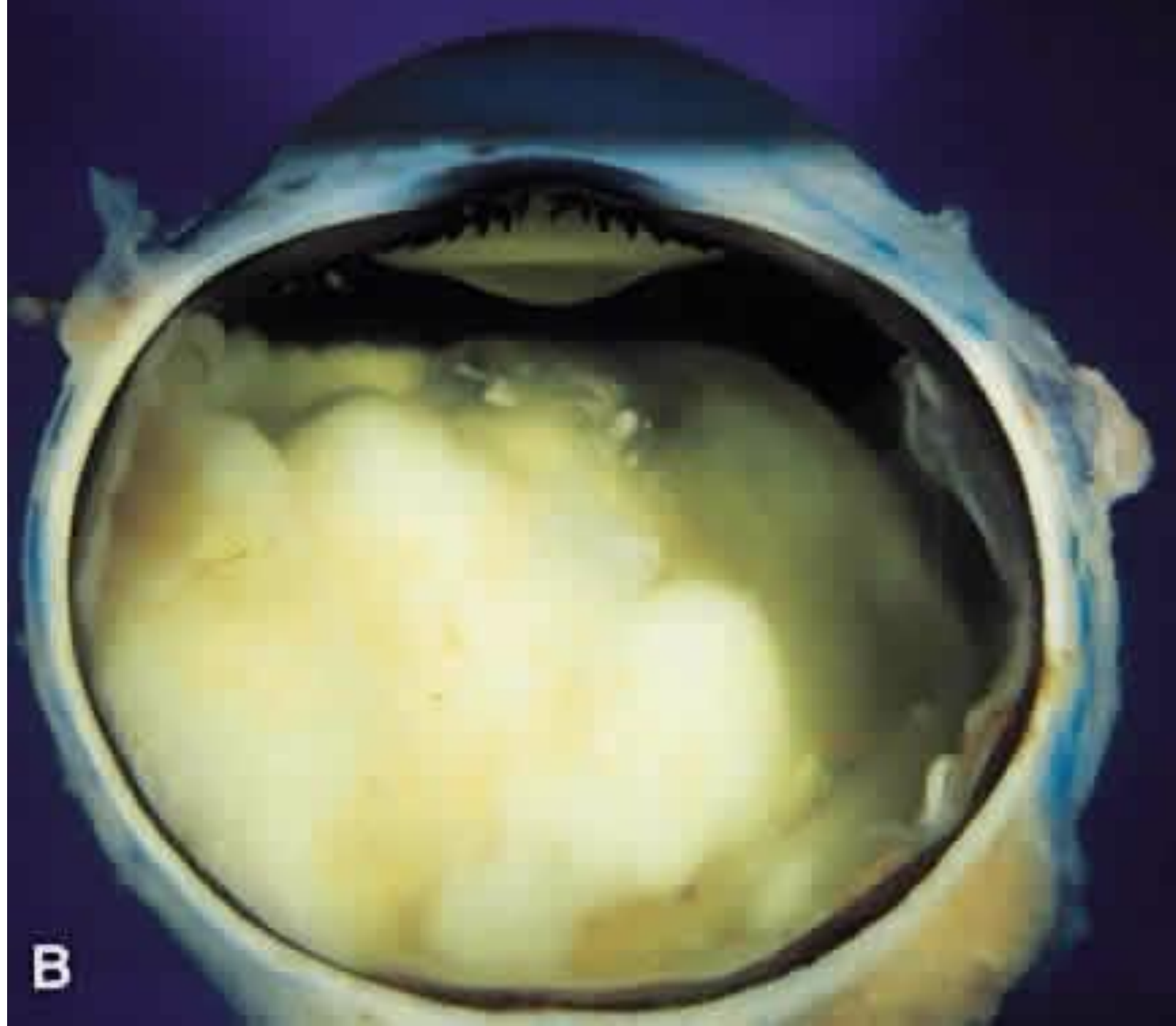






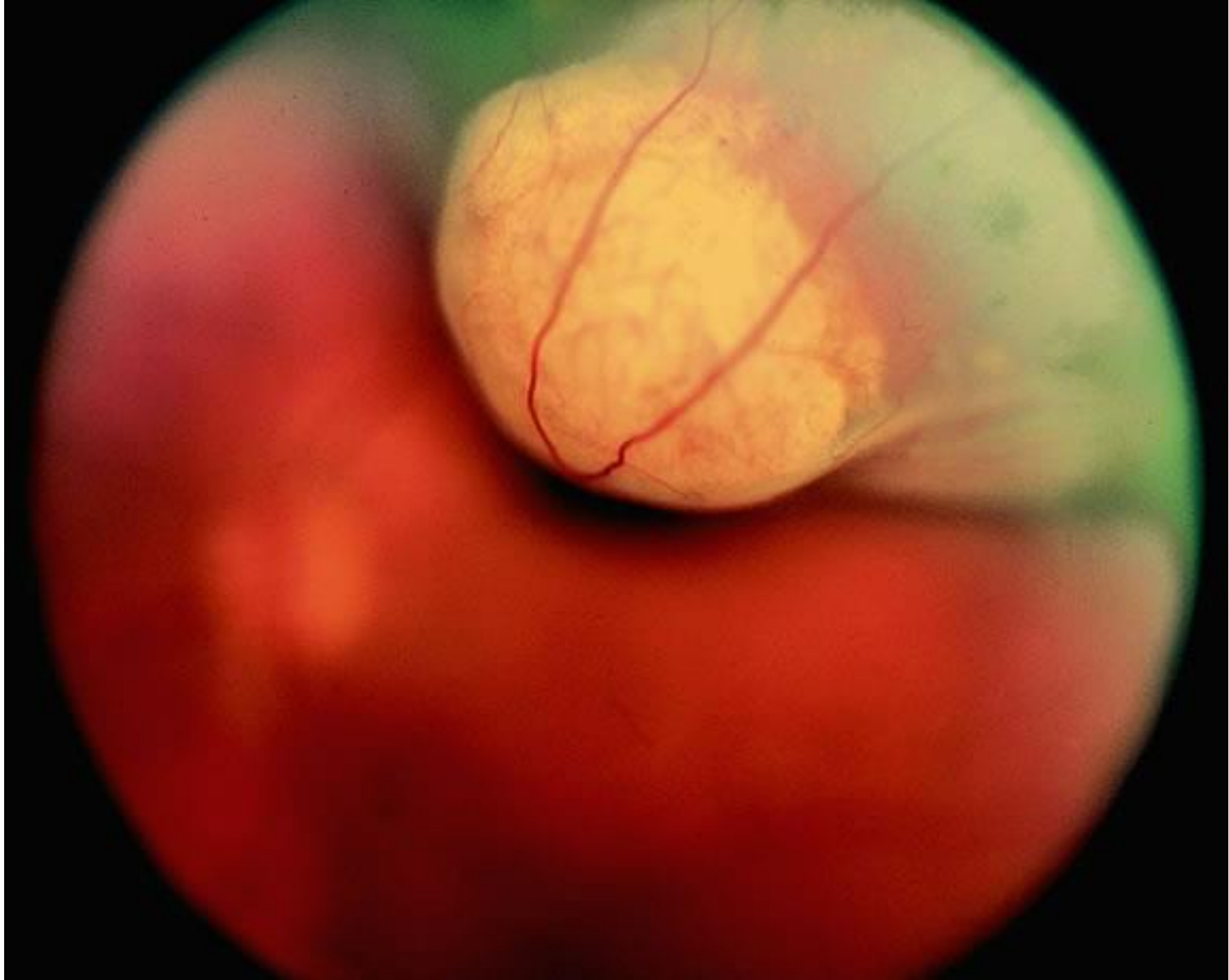






B

- Most common intraocular cancer of childhood
- Third most common intraocular cancer overall after melanoma and metastasis
- Incidence is 1/14,000-1/20,000 live births
- 90% of cases present before 3 years of age
- Occurs equally in males and females
- Occurs equally in right and left eyes
- No racial predilection
- 60%-70% unilateral (mean age at diagnosis, 24 months)
- 30%-40% bilateral (mean age at diagnosis, 14 months)





the most common presenting signs

- leukocoria (white pupillary reflex)
- Strabismus
- ocular inflammation

- Other presenting features are uncommon
 - heterochromia,
 - spontaneous hyphema,
 - cellulitis

