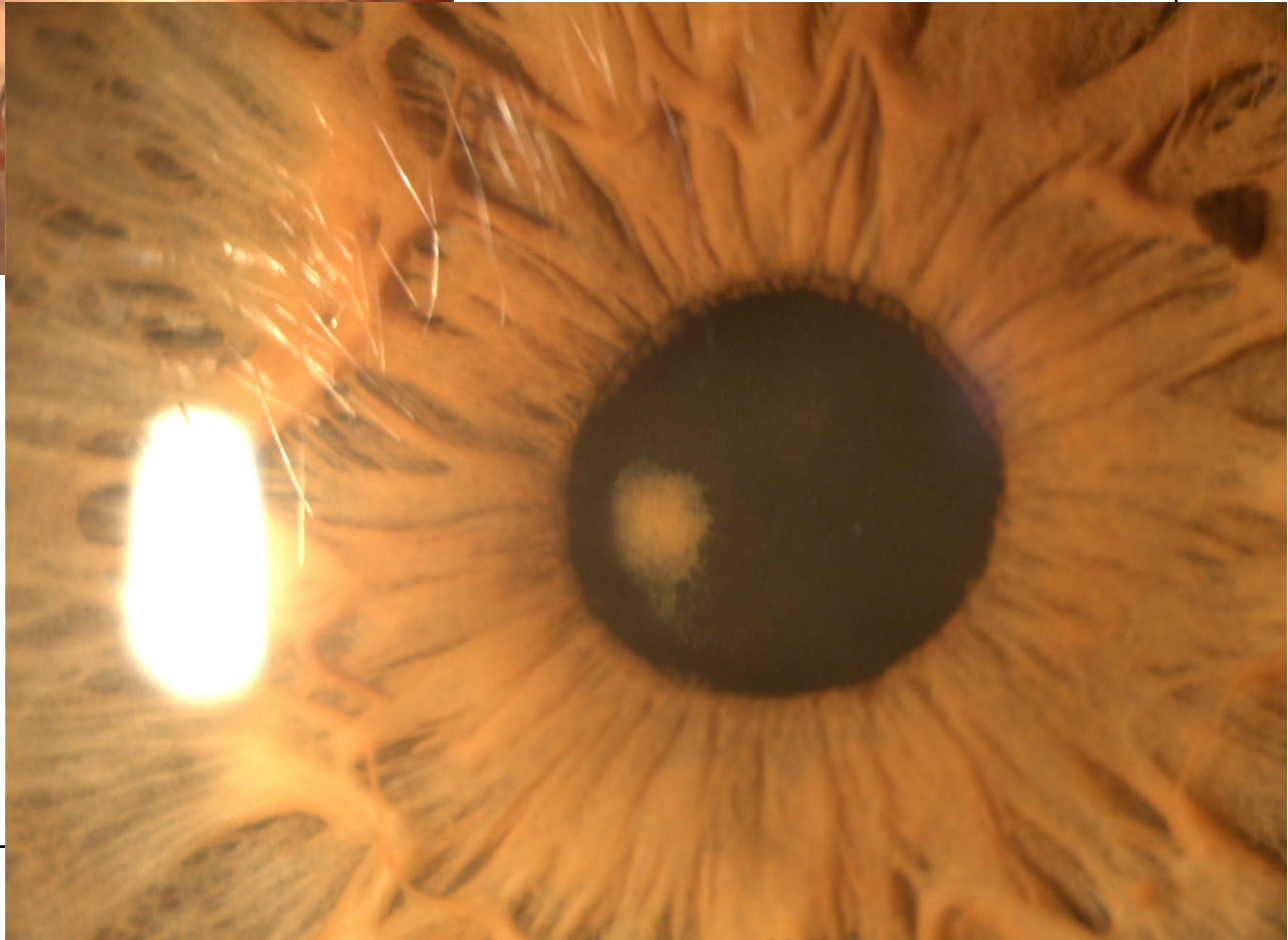
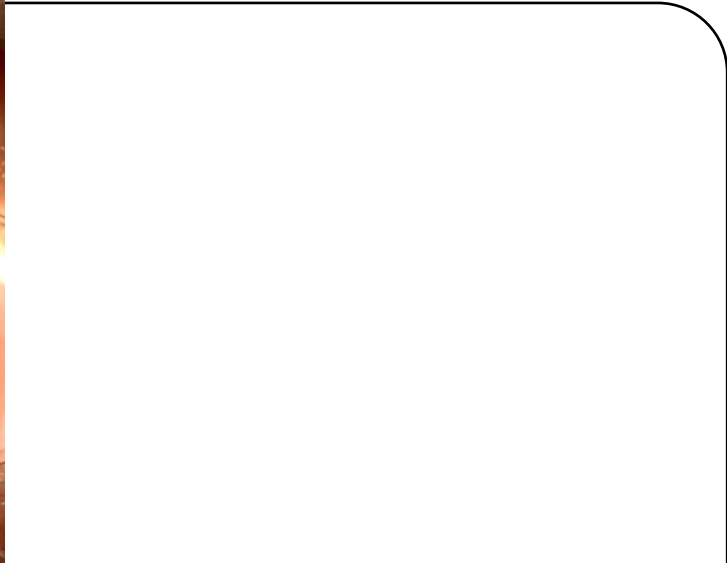


Caso Clínico Abierto

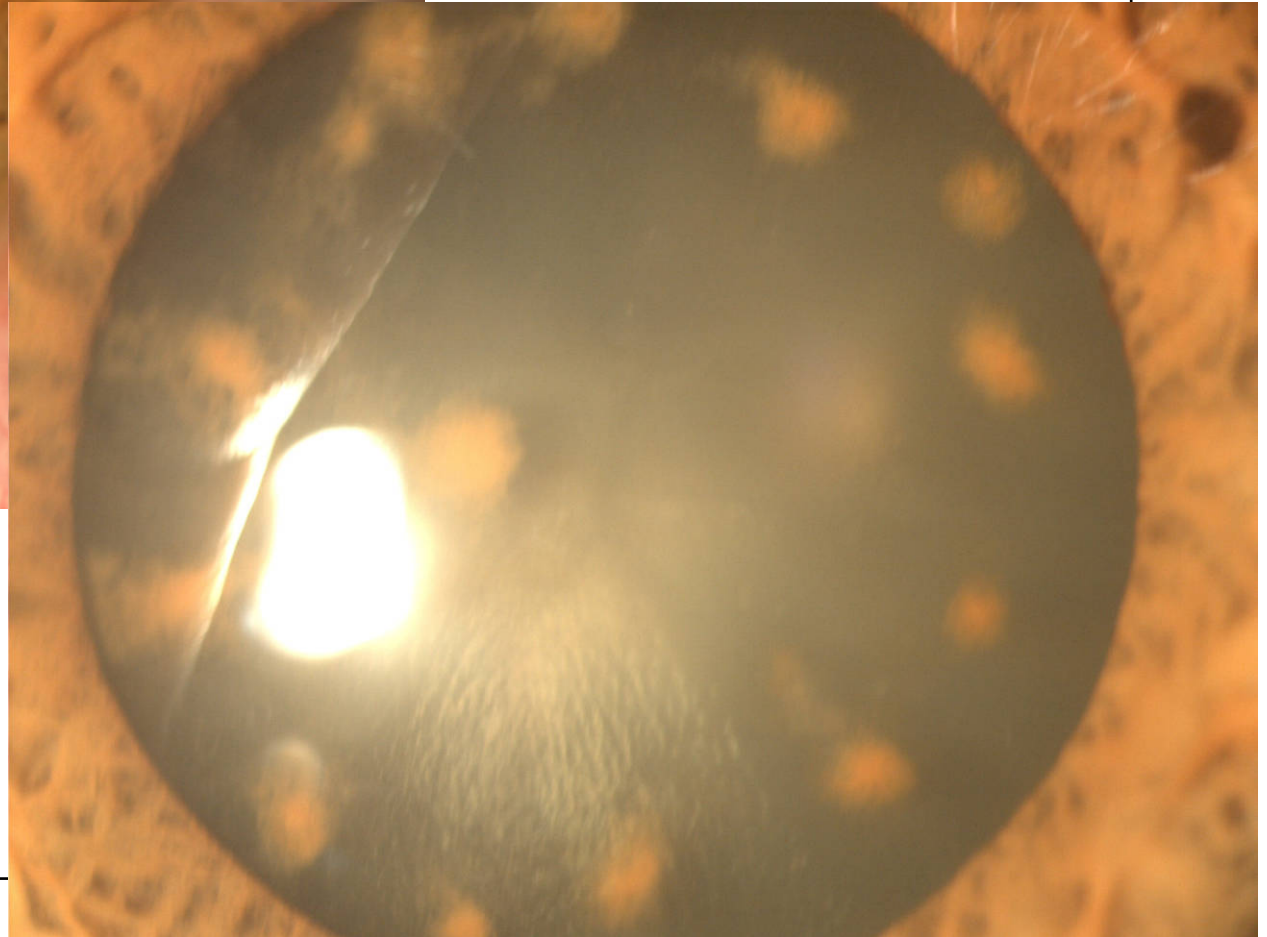
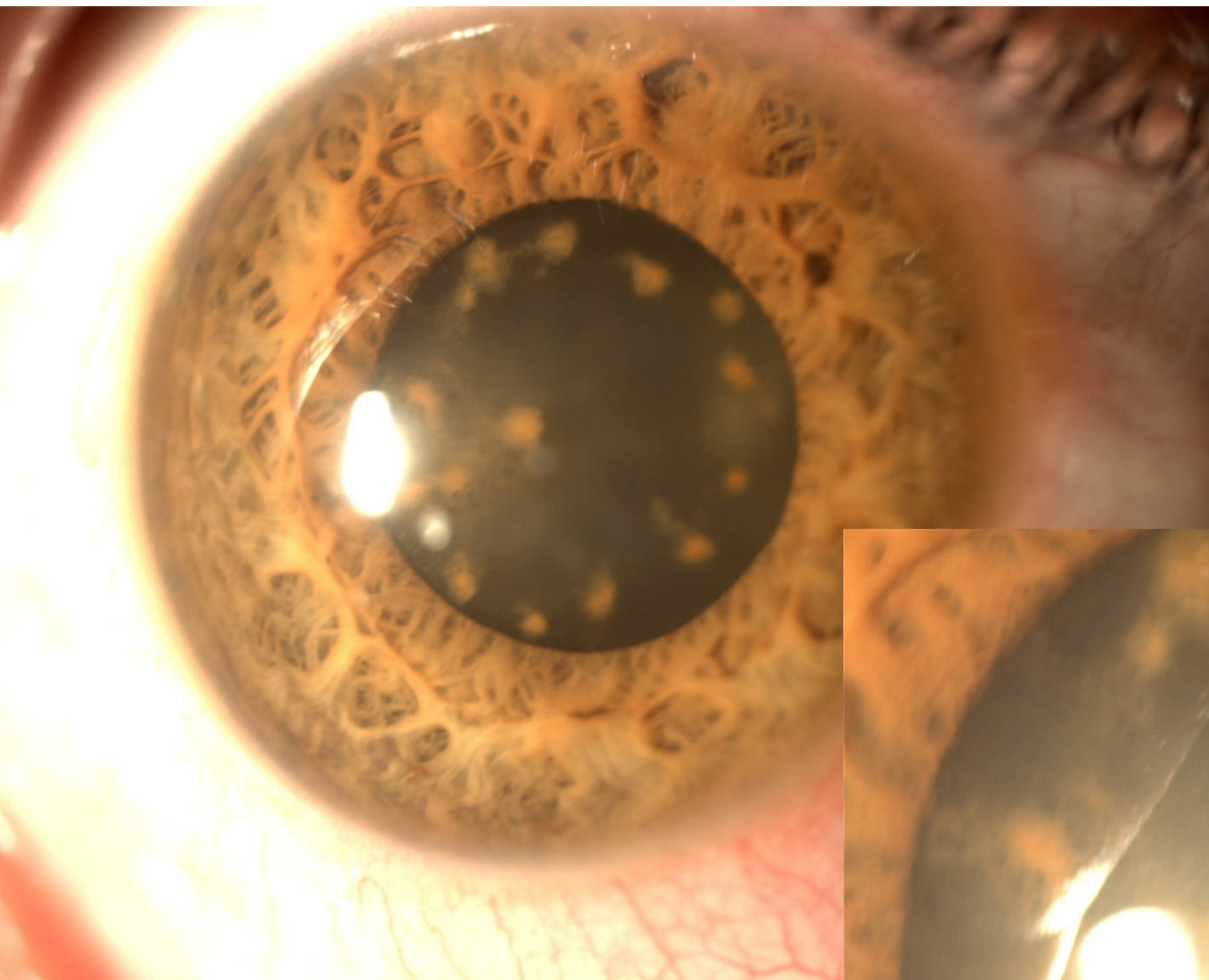


- Varón 42 años
- Miodesopsias OD, sin fotopsias
- NO AP sistémicos de interés
- Ambliopía OD
- AV 0,05 y mejora a 0,15; 1 en OI
- TO 16 mmHg AO
- XT OD 5 grados
- BMC y FO



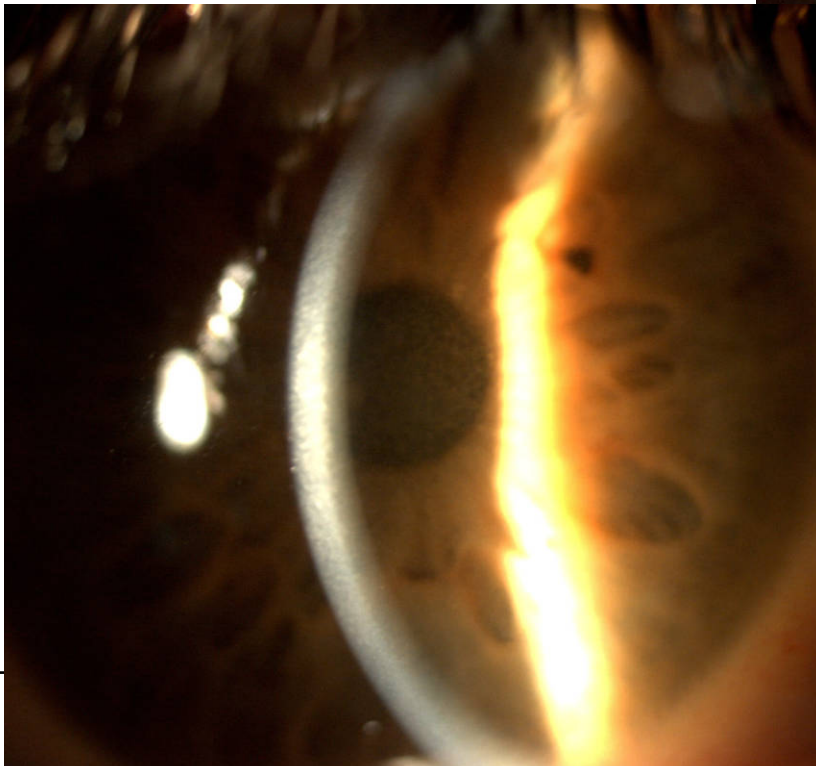


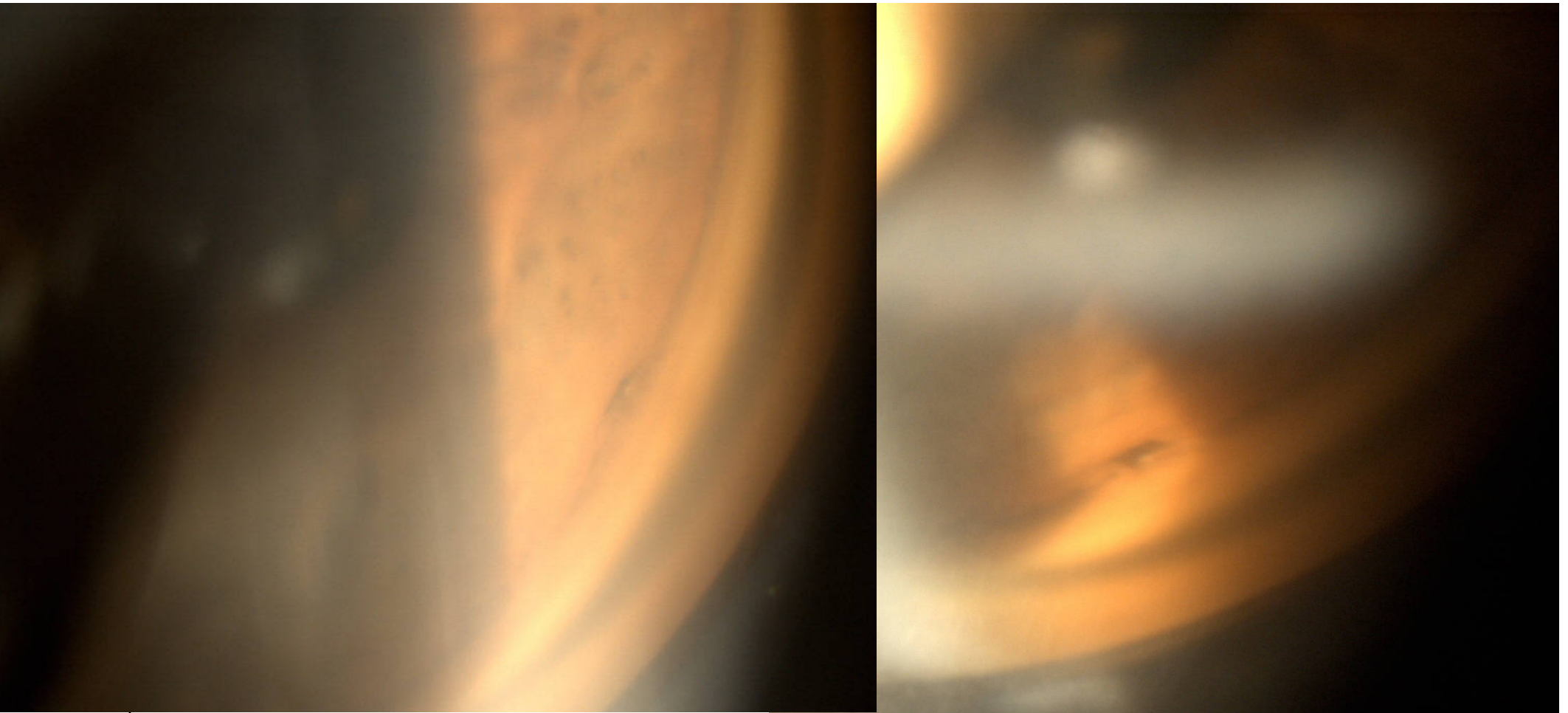
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- Libro: sospecha clínica
- Pistas:
 - Depósitos endoteliales difusos
 - Trabaja en la construcción
 - Gonio





- ECO: no objetivo cuerpo extraño



AC

ERG

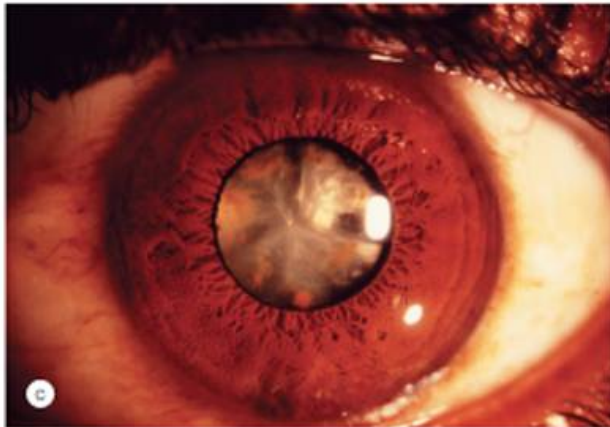
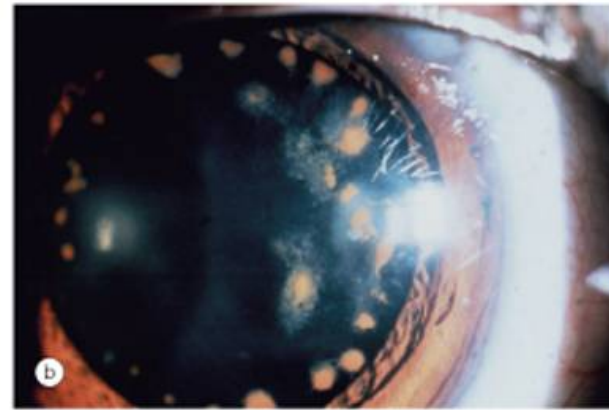


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Discusión- Siderosis Ocular

- Traumatismo previo, CEIO
- Rango variable: 3 semanas-8 años
- Síntomas
 - Nictalopia, fotofobia
 - Alteraciones del CV y disminución de AV
- Signos
 - Catarata
 - Depósitos precapsulares y endoteliales
 - Heterocromía iridiana y midriasis
 - Estrechamiento arteriolar
 - Retinopatía pigmentaria
 - Derivados del traumatismo

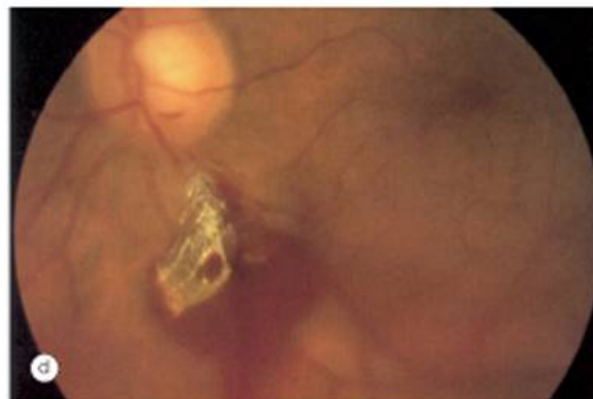
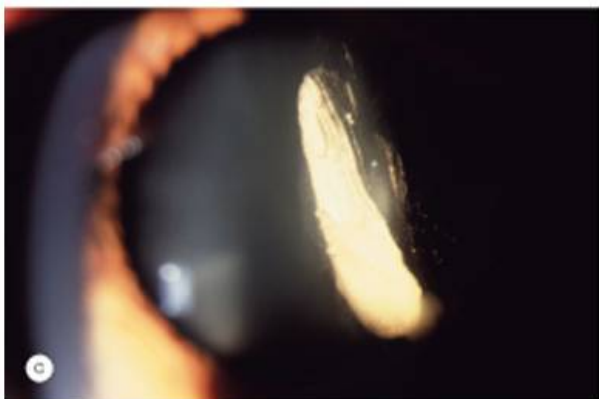
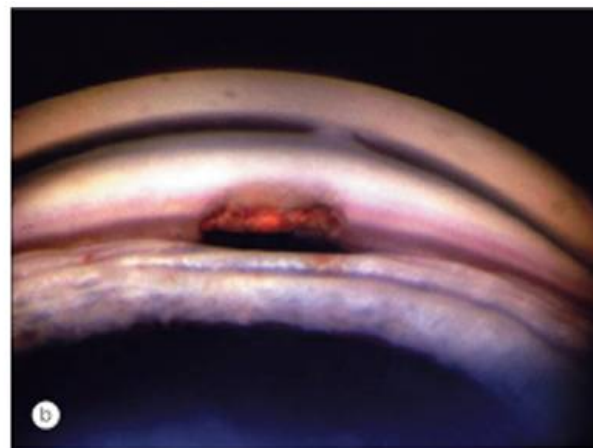
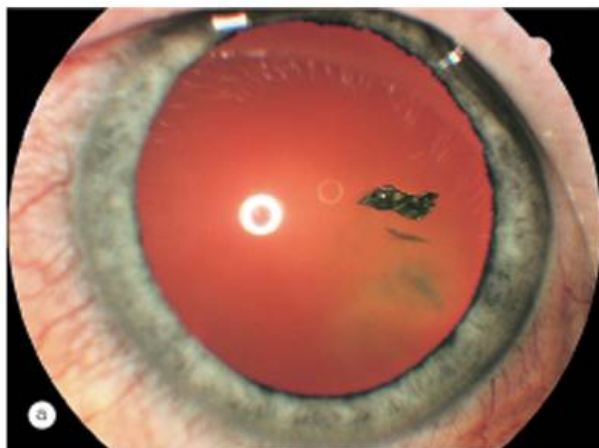




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Figure 23.20 Siderosis oculi. **(a)** Iron deposition in the retina; **(b)** lenticular deposits; **(c)** severe iris involvement and advanced cataract; **(d)** heterochromia iridis (Courtesy of J Harry and G Misson, from *Clinical Ophthalmic Pathology*, Butterworth-Heinemann, 2001-fig. a)





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Figure 23.19 Intraocular foreign bodies. **(a)** In the lens; **(b)** in the angle; **(c)** in the anterior vitreous; **(d)** on the retina with associated preretinal haemorrhage (Courtesy of R Curtis - fig. b; E M Eagling and M J Roper-Hall, from *Eye Injuries*, Butterworths, 1986 - fig. d)



Efecto del Fe

- 80% de los CEIO son de hierro
- Oxida al pasar de Fe/Ferroso a Férrico (Haber-Weiss)
- Lesión sobre FR (segmento interno principalmente)
 - directa
 - radicales superóxido e hidroxilo
 - macrófagos fagocitan induciendo lesiones focales
- 40 mg de hemoglobina es necesario para inducir cambios electrofisiológicos e histológicos

Fe llega a capas profundas



Diagnóstico

- Clínico
- Anatomía Patológica: tinción de Prusia
- ERG
 - Confirma el dx
 - Cuantifica el grado de toxicidad y la función retiniana
- RX
 - Rx convencional
 - ECO-B
 - TAC

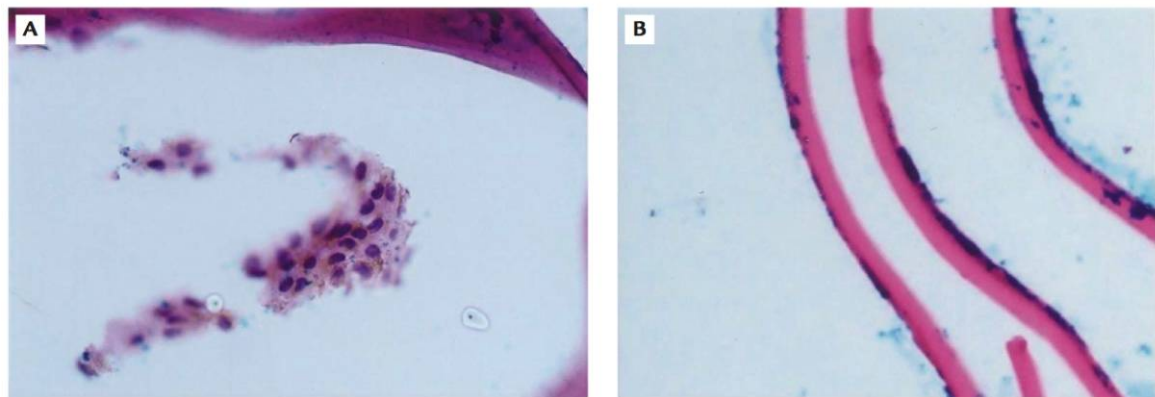
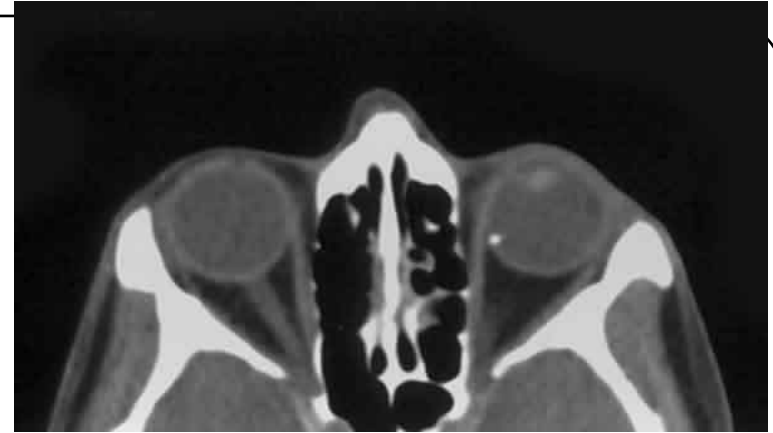
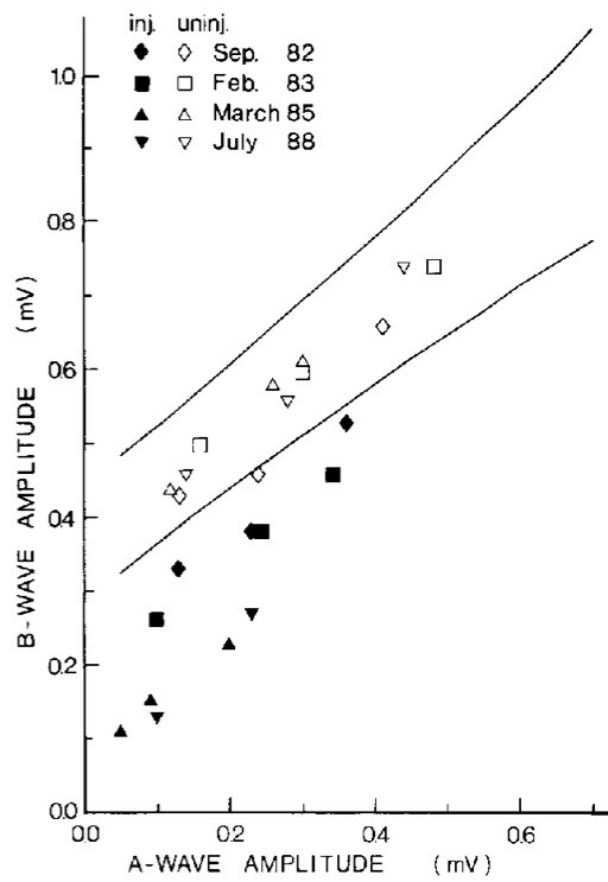
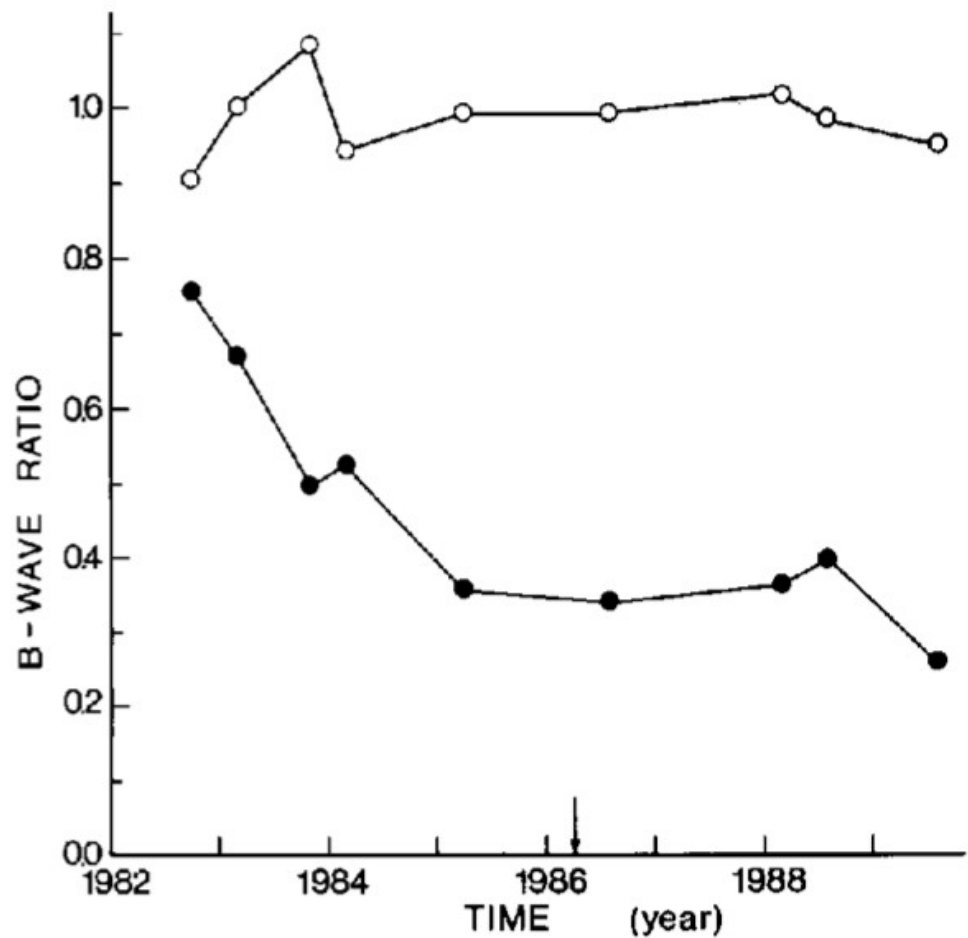
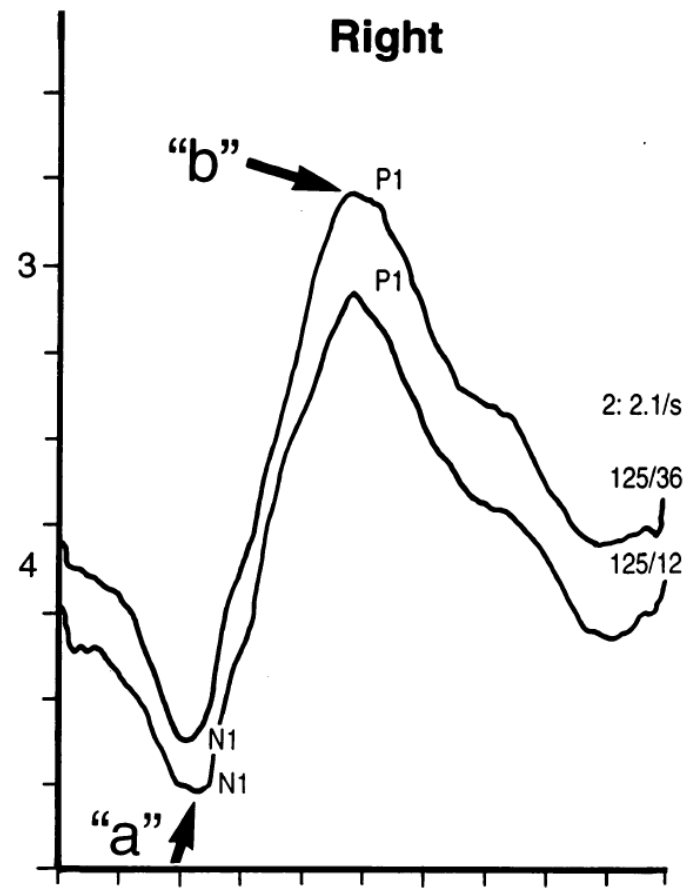
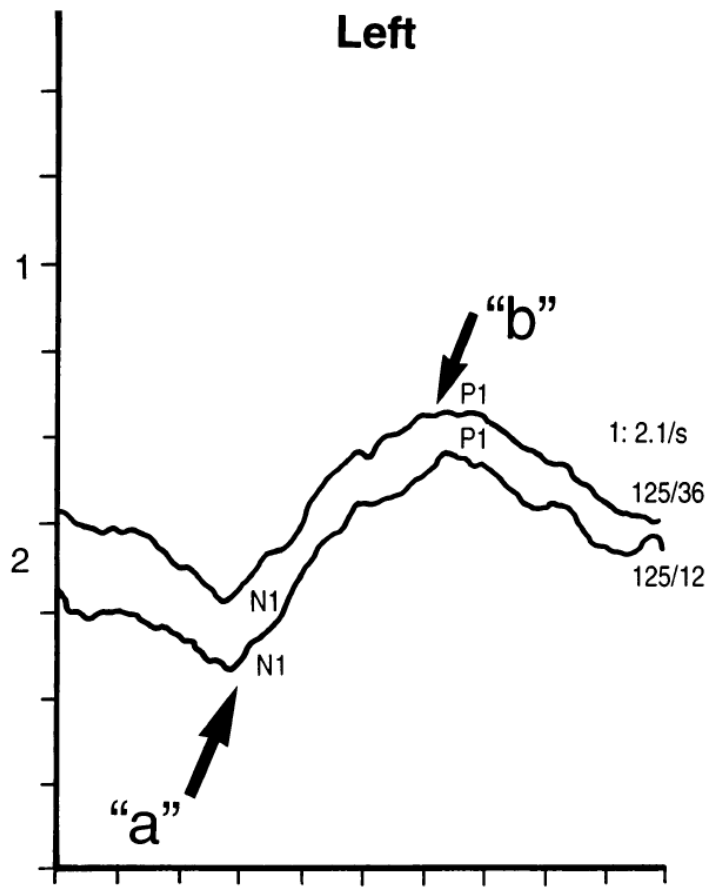


Figure 3. (A) Brownish depositions were noted in epithelial cells (hematoxylin & eosin; 100x). (B) Iron was identified in the lens capsule using Prussian stain (400x).

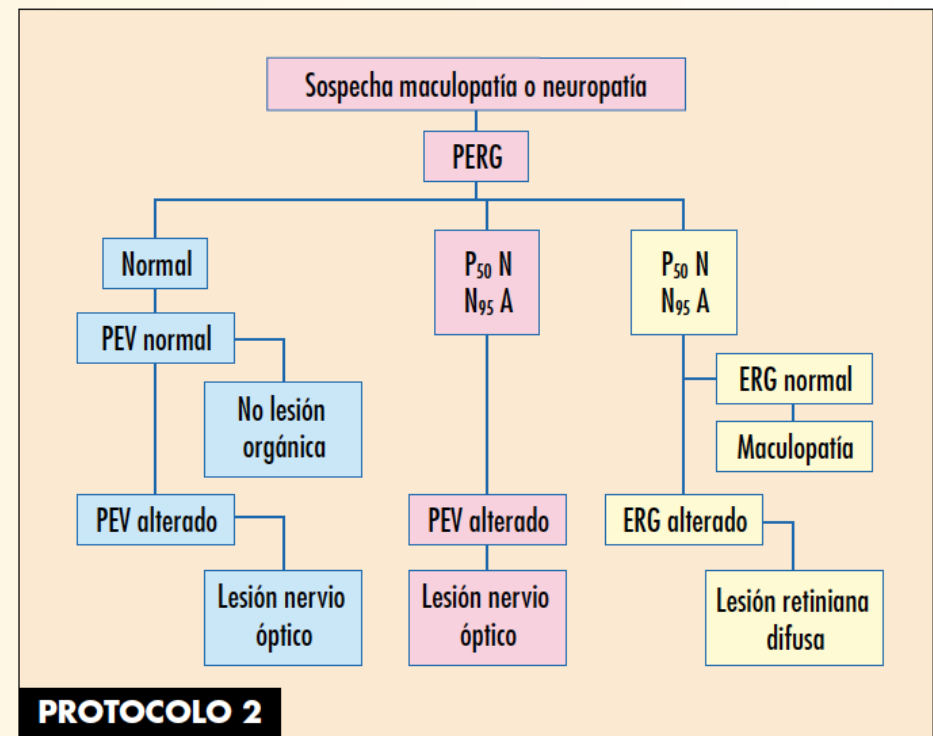
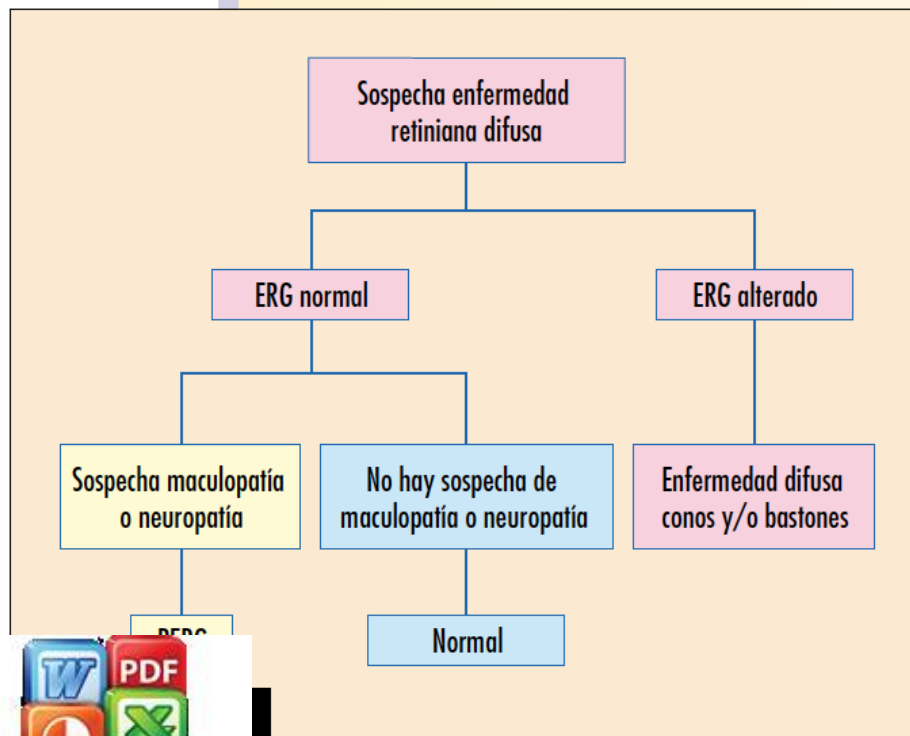




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- ISCEV. Visual Electrodiagnosis: a guide procedure, 1999.

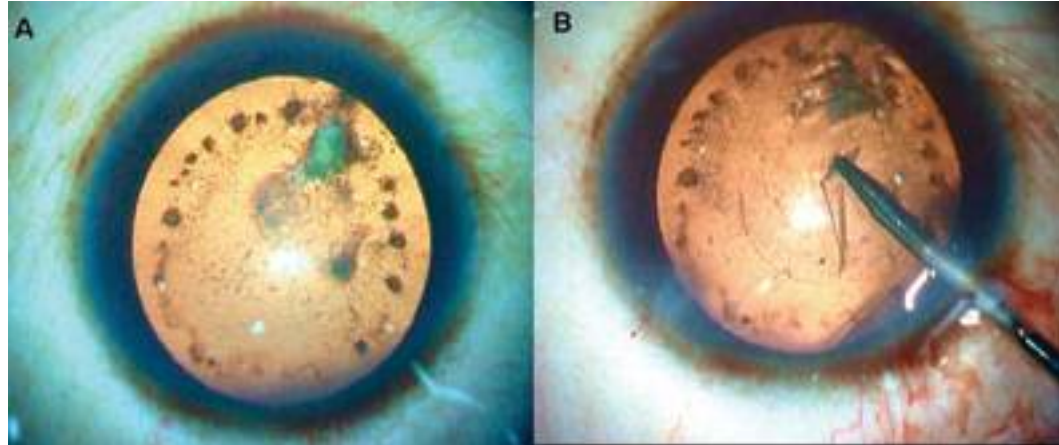


PROCOLO 2



Complicaciones

- Catarata
- Midriasis
- EMQ tardío
- Glaucoma 2°
- Retinopatía pigmentaria
- Isquemia macular
- MER



Tratamiento

- Desferrioxamina
- Primariamente del traumatismo
- De las complicaciones
- Localización y Extracción del CEIO
 - Si complicaciones, en ese momento
 - Si no: control con ERG y cx cuando onda b baje un 50% de lo que el ojo adelfo sano

