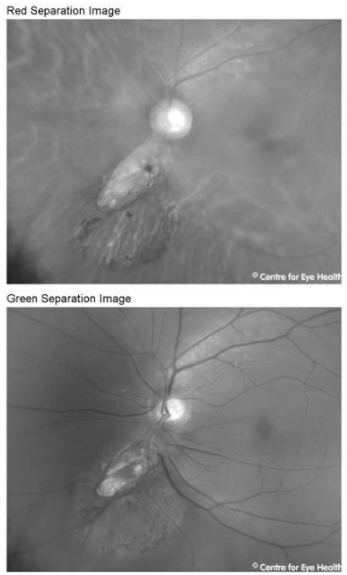
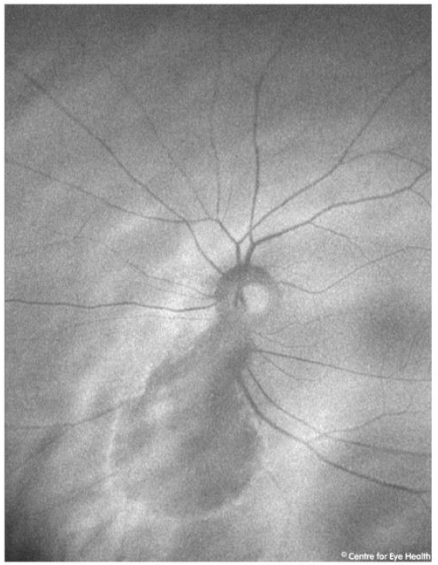
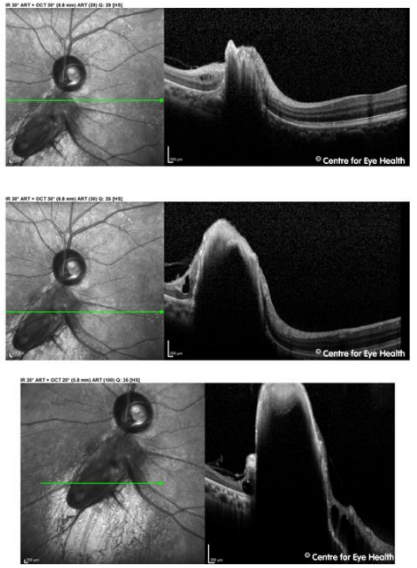
CFEH facebook Cases

CFEH Facebook Case #49

A 51 year old Cambodian male presented for a retinal assessment. Pinhole acuities were 6/6 (OD) and 6/19 (OS) and testing with amsler grid showed distortion in the left eye. Ocular history includes trauma from a metal foreign body in 1982, after which the patient did not have an eye examination for many years. What is the nature of the lesion seen inferior to the left disc?







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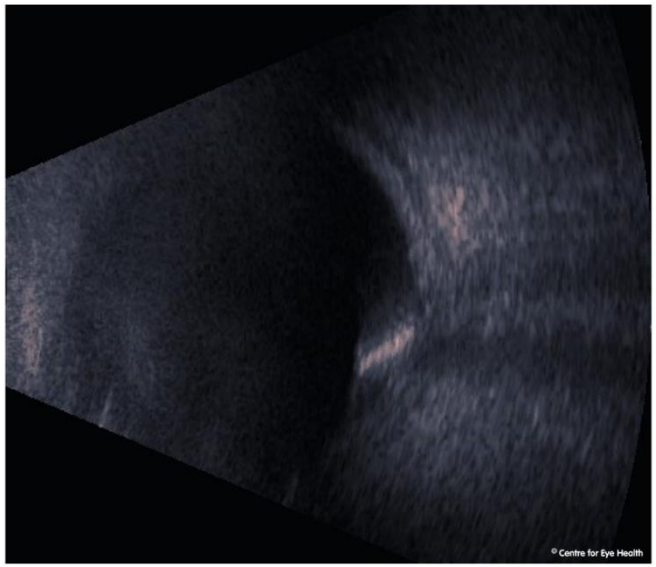
ANSWER

A retained foreign body – the initial injury was caused by a hammer that chipped and the foreign body was never removed.

Imaging shows a markedly elevated lesion inferior to the left optic disc with associated retinoschisis, vitreous traction and inferior retinal atrophy. The B-scan ultrasound image below is consistent with a retained foreign body showing posterior shadowing inferior to the disc:



This patient also had narrow, occludable angles and was referred to a retinal specialist.