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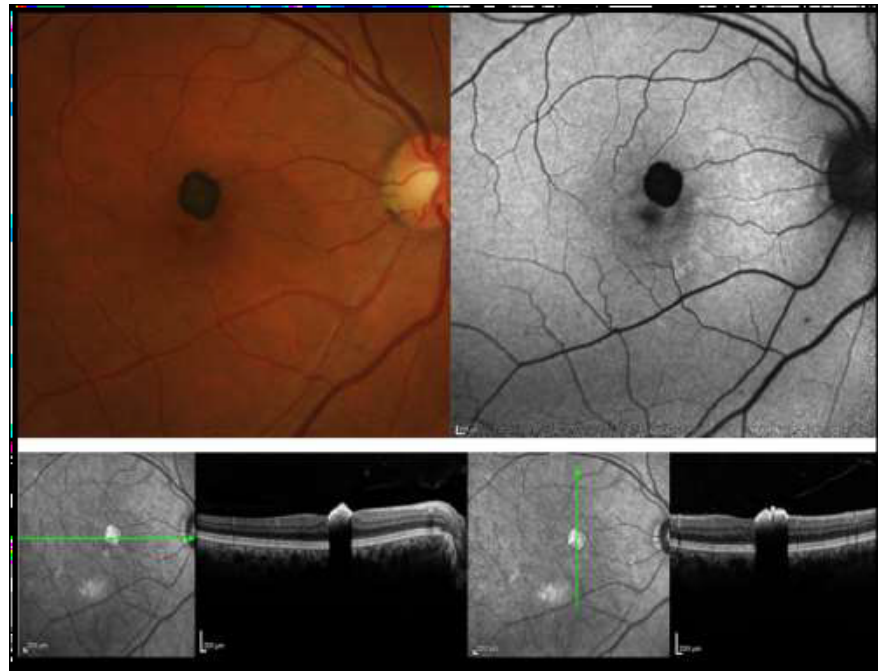
Centre for Eye Health

CFEH Facebook Case #2

A 63 year old Arabic male presented for assessment of a retinal lesion. He takes Lipitor and Aspirin daily and had a heart stent put in in 2012 after which he was taking Plavix, however he no longer takes this. IOP is 22mmHg (OD) and 20mmHg (OS). What is the nature of this lesion?

A useful reference to help determine a diagnosis is the article "Pigmented Lesions of the RPE", authored by CFEH's Angelica Ly et al: http://journals.lww.com/optvissci/Fulltext/2015/08000/Pigmented_Lesions_of_the_Retinal_Pigment.3.aspx

What is the nature of this lesion?



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ANSWER

The lesion is a Congenital Simple Hamartoma of the RPE (CSRPEH)

This is a benign, non-progressive, darkly-pigmented, nodular lesion with well-defined margins. Associated conditions can include retinal traction, exudation, dilated feeder vessels and pigmented vitreous cells although none of these appear in this case.

Fundus autofluorescence shows characteristically uniform hypofluorescence of the CSRPEH. On OCT the lesion is elevated and appears highly reflective with complete posterior shadowing that is very clearly demarcated at the edges.

As these lesions are generally non-progressive, the prognosis is excellent, provided they are not located at the macula.

