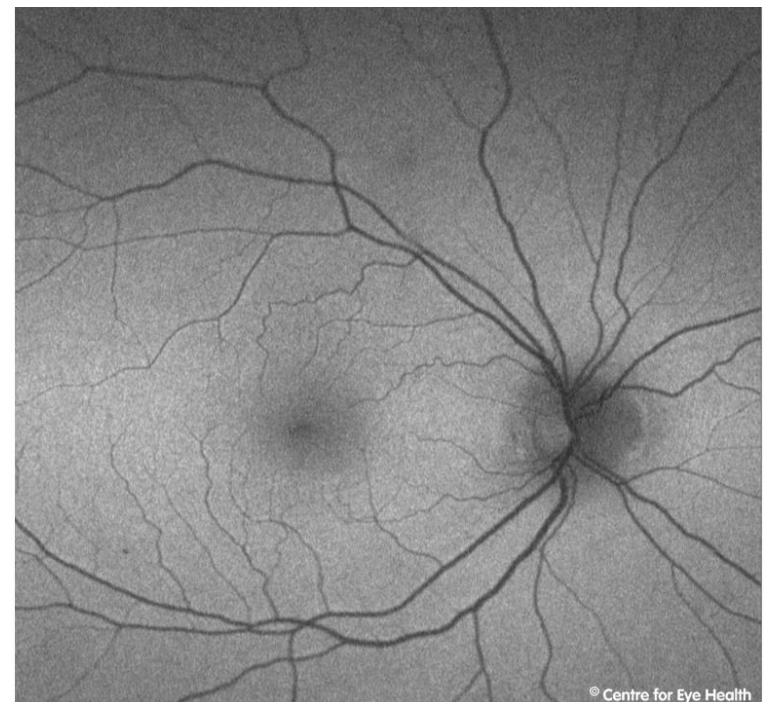
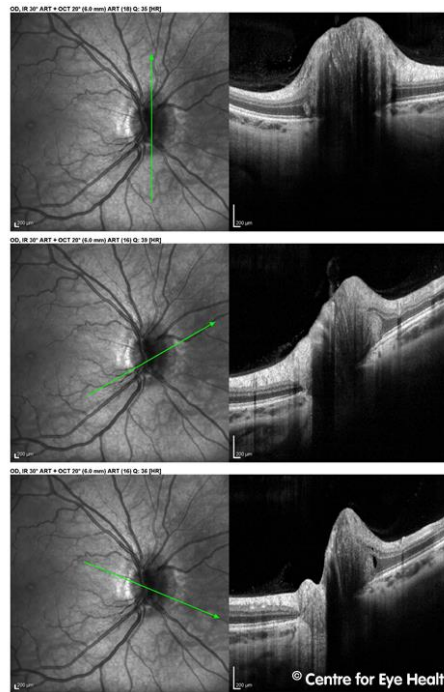




CFEH Facebook Case #78

A 29 year old female presented for an optic nerve assessment. Both eyes had a similar appearance so only the right eye is shown and visual fields were unremarkable. Does this patient need a referral and if so, how urgently?



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ANSWER

This patient has pseudo-papilloedema due to small crowded discs. She does not require referral.

The disc photos show no visible cup and indistinct margins which are due, in this case, to an average number of axons trying to fit through a small scleral foramen and converging at a small optic disc.

Spectralis OCT shows obliquely inserted small, crowded discs with no signs of disc drusen. There are some hypo-reflective cystic spaces in the inner nuclear layer and outer nuclear layer at 4 o'clock of the disc margin. These are likely due to optic nerve protrusion leading to separation and stretching of the retinal layers. Fundus autofluorescence is unremarkable and shows no hyper-autofluorescence that might indicate optic nerve head drusen.