



## CFEH Facebook Case #91

Below are right optic disc photos of a 68 year old Caucasian male taken two years apart. He is being treated for glaucoma with Xalatan and also suffers from hypertension, gout and sleep apnoea which are all being treated by his GP. Blood pressure at this visit was 184/96 and IOP 16mmHg OU. What is the most notable difference between the 2 disc photos and what would have caused this difference?



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# ANSWER

There is marked attenuation of a small venule overlying the superonasal disc as compared to the 2016 baseline such that the vessel is no longer visible (see images). These vessel changes suggest hypertensive retinopathy and may possibly indicate an impending vein occlusion. There was no discernable change to the neuroretinal rim when stereoscopic comparison was made using flicker comparison.

The vascular changes are likely related to the elevated blood pressure and this patient was instructed to see his GP as soon as possible for reassessment of his blood pressure and appropriate management.