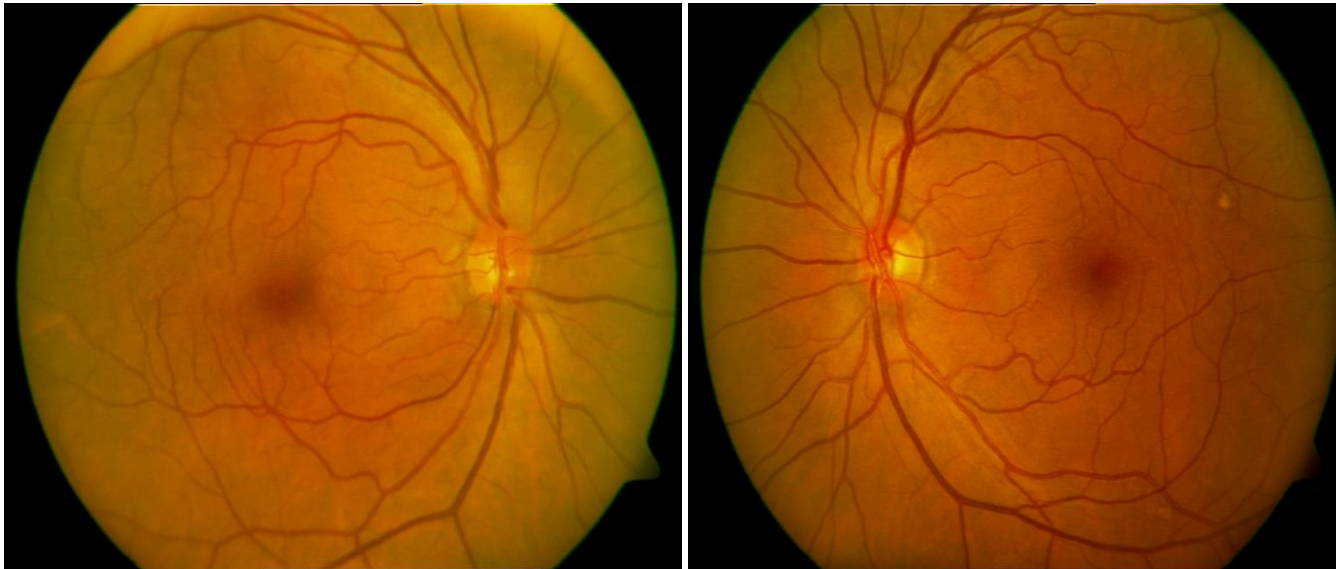
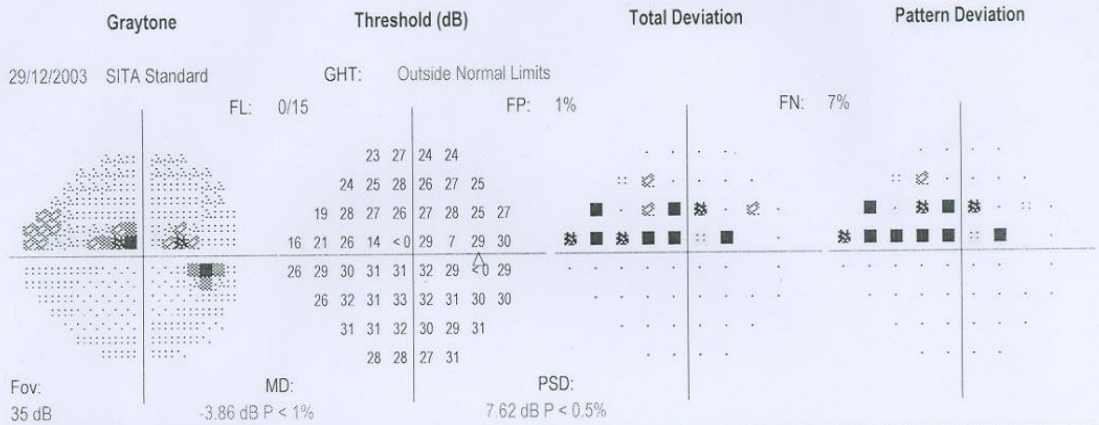


Case 1:

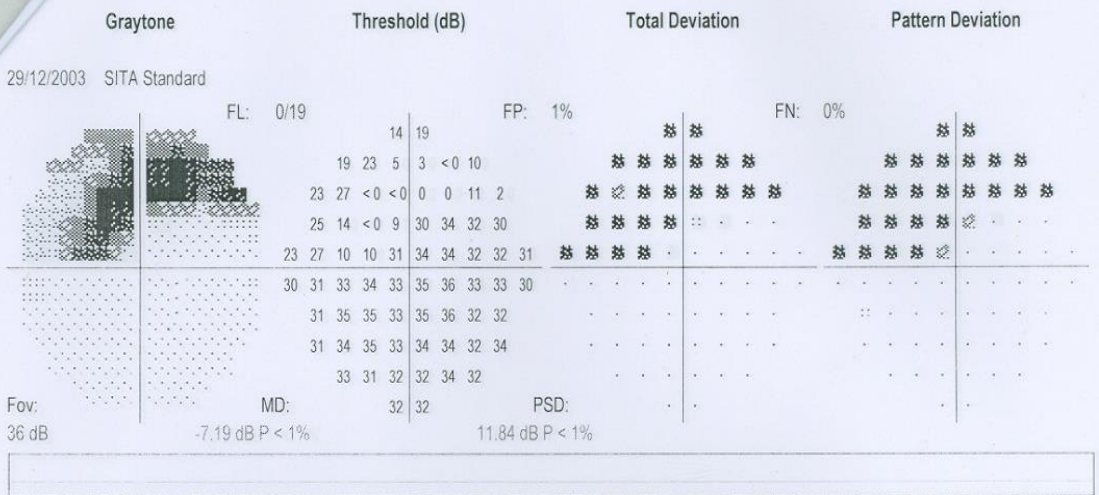
- A 56 yr Male from Solapur visited us at Shreeji Eye Clinic & Palak's Glaucoma Care Centre on 29.1.2011 for a second opinion regarding glaucoma. There was h/O consulting another ophthalmologist where IOP was recorded to be 21.3mmHg OU with fundus showing OU streak hemorrhage near Optic disc. There was a positive family history of mother suffering from glaucoma and being operated for the same.
- On examination IOP was 22mmHg OD and 18mmHg OS with OU 360° open angles with fundus showing CDR 0.6:1,HNRR and automated Perimetry (HVF) showing OD few depressed points in the superior arcuate area with fixation threat which was confirmed in 10-2 and WNL OS
- He was diagnosed as POAG OU and was started on Timolol eye drop twice a day.
- When reviewed on 18.03.11, inferior notch and NLFD was detected in OD and OS was WNL

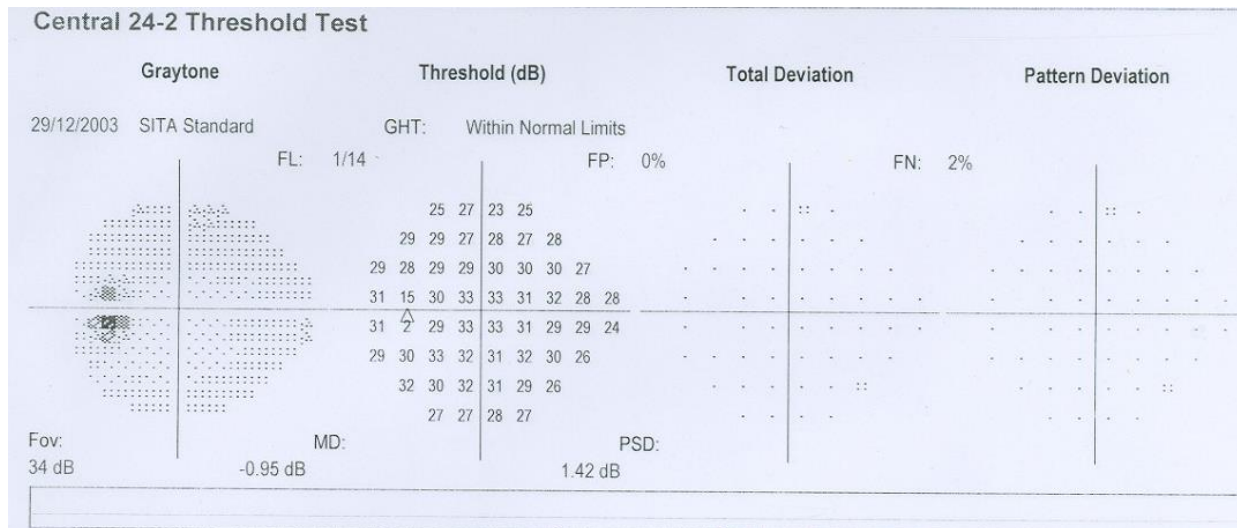


Central 24-2 Threshold Test

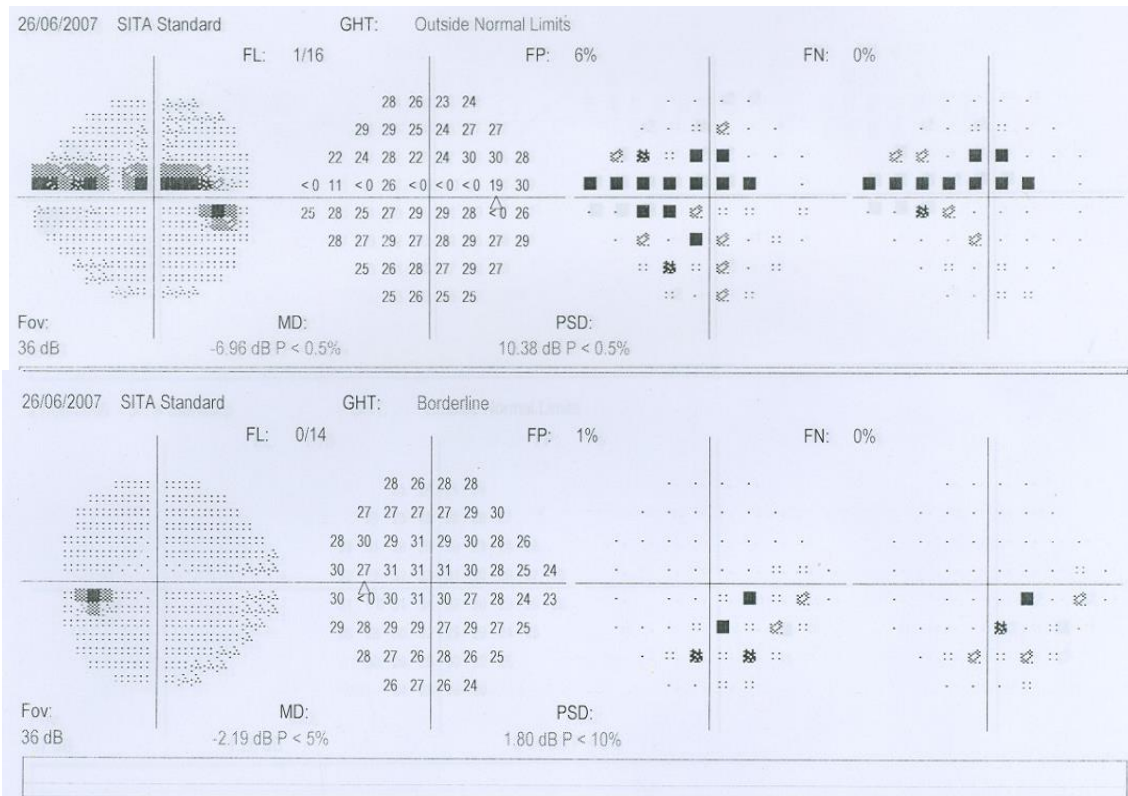


Central 10-2 Threshold Test





- So the diagnosis of NTG was discussed. Latanoprost was stopped in OS and a plan for full DVT after 1 month was planned. The range of IOP fluctuation was 12 – 16 mmHg OU and the patient was advised to continue latanoprost in OD only. Central Corneal Thickness (CCT) was 515 micron OU.
- When reviewed on 26.09.11, IOP was in normal range, HVF in OD showed enlarging superior arcuate defect and few depressed points inferiorly. HVF in OS now showed depressed points in inferior arcuate area. So OU visual field progression was suspected which further needed confirmation.



- GPA (software to detect visual field progression) showed worsening of VFI by -2.9% per yr in OD, -0.3% per yr in OS.
- Patient was progressing in right eye despite treatment so a plan for right eye modified Trabeculectomy + MMC and to continue Latanoprost in left eye was made.
- Patient again came on 26.03.12 where fundus in right eye showed Inferior notch and Inferior NLFD and OS showed superior NLFD which was correlating with fields. So a case of NTG progressing despite treatment.

This case highlights that in rare cases, the glaucoma can progress despite appropriate medical treatment.

