

Clinical Management Guideline: Glaucoma Enhanced Case-Finding

For patients referred, usually following sight test, for further investigation with signs suspicious of glaucoma but who haven't already been seen within a Glaucoma Repeat Readings service (sometimes called repeat measures) or had further investigations as indicated within NICE NG 81.

A further clinical work-up is indicated in primary care (unless clinical circumstances indicate urgent or emergency referral is needed):

- Raised Intra Ocular Pressure (IOP) of 24mmHg or more
- Visual field defect which may be due to glaucoma
- Suspicious signs / damage to optic nerve head
- Redirection of referral following referral management e.g. insufficient referral detail (no IOP or visual field recorded and /or no assessment of anterior chamber and / or insufficient description of optic nerve head) / redirection of referral following Diabetic Retinopathy Screening

Clinical work up – all assessments are performed

- **Visual Field Assessment** – central visual field assessment using standard automated perimetry (full threshold or supra-threshold)
- **Assessment of the optic nerve head** – dilated optic nerve assessment and fundus examination using stereoscopic slit lamp biomicroscopy
- **Intraocular pressure (IOP) measurement** – using slit-lamp mounted Goldmann applanation tonometry
- **Assessment of the anterior chamber** – peripheral anterior chamber configuration and depth assessments using the van Herick test or OCT.

Outcomes:

- Refer for diagnosis and management, if:
 - IOP 24mmHg or more (consider urgency if IOP 32mmHg or more)
 - Glaucomatous type visual field defect confirmed
 - Damage / suspicious Optic Nerve Head
 - Narrow anterior chamber angle – primary angle closure suspected

Referrals for OHT and suspect glaucoma can be sent to a community Referral Refinement and differential Diagnosis service, if commissioned.

- **Discharge.** If the suspicious findings are not repeatable, discharge and advise to continue regular visits to their primary eye care professional.

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