

Glaucoma: Enhanced Case Finding

The Glaucoma: Enhanced Case Finding (ECF) is to be used for patients assessed by an accredited optometrist/OMP, practising in Gloucestershire. **The patient must have disc changes suggestive of glaucoma.**

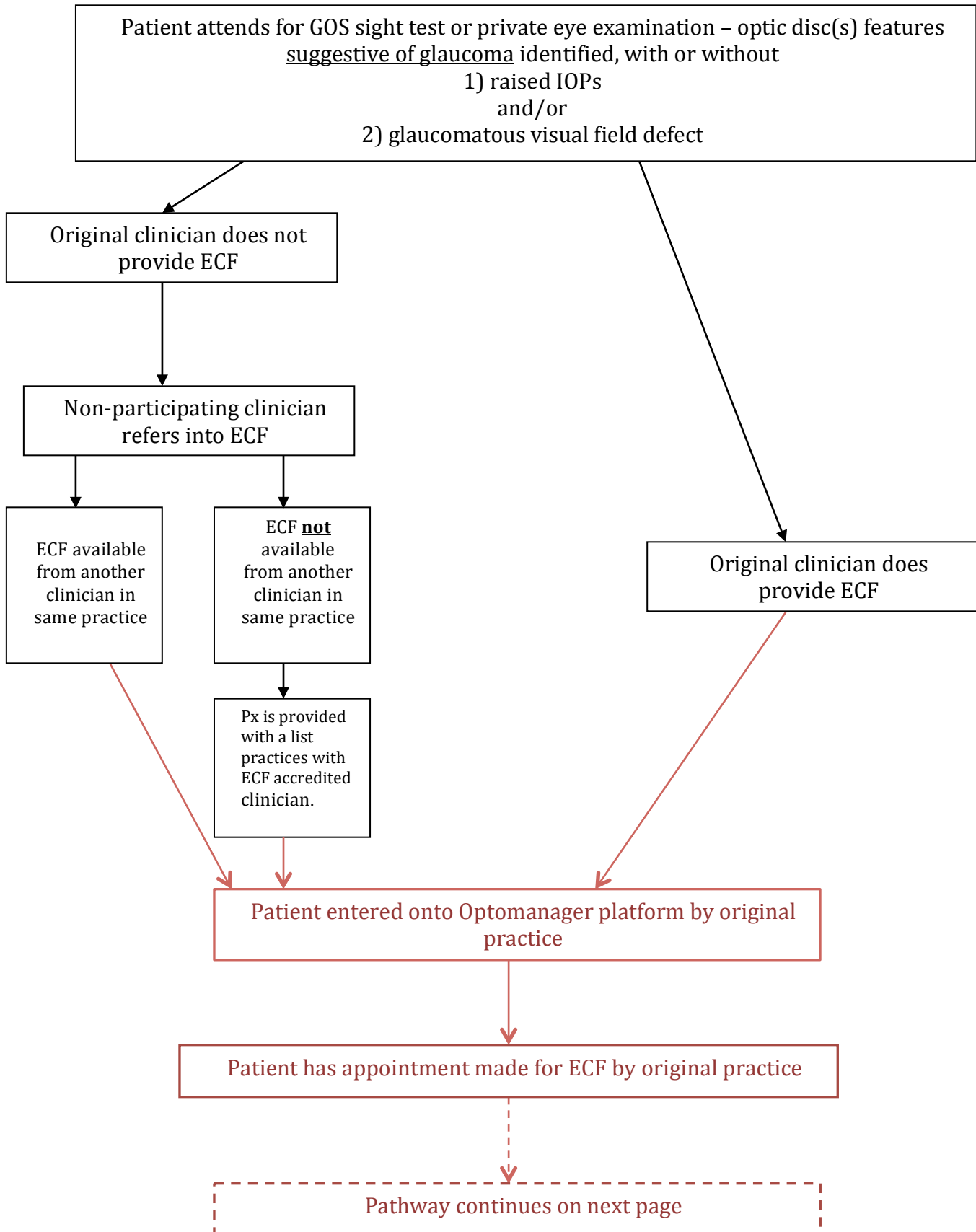
If the discs appear to be normal the patient may be suitable for the Glaucoma: Repeat Readings Scheme – to repeat 1) raised IOPs (with a contact method of tonometry **and/or** repeat 2) visual field defects that are suggestive of glaucoma.

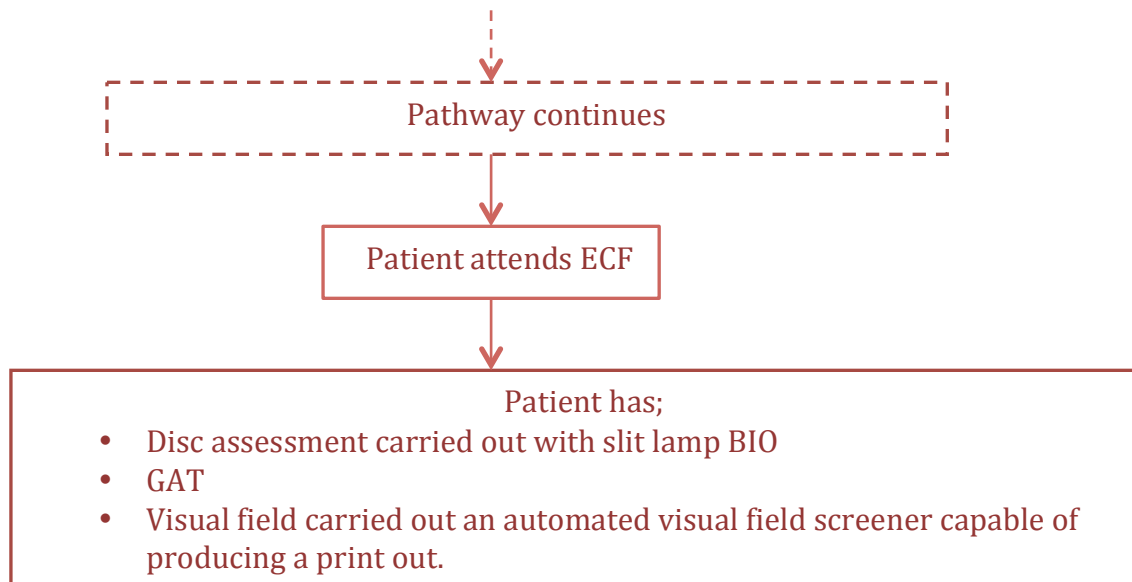
The patient must also be registered with a Gloucestershire GP practice.

Patients who do not meet with these criteria **can not** be referred via the ECF process. Payment for an ECF will only be made for those patients who **meet** the **protocol** and for referrals that are **completed in full on Optomanager**.

The aim of the ECF service is provide for a fully informed referral to be made to the hospital eye service for those patients where suspicious optic nerve appearance has been identified. This may be accompanied with raised IOPs and/or glaucomatous visual field defects. It replaces the successful Glaucoma Referral Refinement that has been available in Gloucestershire for many years. Enhanced Case Finding has been introduced to provide for enhanced a 'Repeat Measures Plus' type service which specifies applanation tonometry, slit-lamp indirect biomicroscopy and other relevant or repeated tests deemed necessary by the clinician according to their clinical judgement.

Clinical Pathway for Glaucoma: Enhanced Case Finding





ALL referrals for suspected glaucoma (or related abnormality – i.e treatable OHT/Narrow angles) via the ECF scheme must include AT LEAST:

- ONE** Visual Field plot – 2 if referring for a repeatable visual field defect
- TWO** IOP measurements per eye (**Goldmann/Perkins** applanation tonometer)
- Detailed **optic disc assessment**.

IOP (mm Hg)			Angle Grade	Symptoms of angle closure	Disc	Visual Field	Clinical Requirements
Patients aged up to 64:	Patients aged 65-79:	Patients aged 80+					
Less than 22*	Less than 25*	Less than 26*	Any	Yes/No	Abnormal	Normal	Clearly Abnormal Disc GAT x 2, Reliable Visual Field x 1
Less than 22*	Less than 25*	Less than 26*	Any	Yes/No	Normal	Abnormal	Clearly Abnormal Field GAT x 2, Reliable and repeatable Visual
Greater than or equal to 22, less than 30	Greater than or equal to 25, less than 30	Greater than or equal to 26, less than 30	Any	Yes/No	Normal/ Abnormal	Normal/ Abnormal	Repeatedly Raised IOP (GAT x 4) Reliable and repeatable Visual
Greater than or equal to 30 *			Any	Yes/No	Normal/ Abnormal	Normal/ Abnormal	Raised IOP (GAT x 2) Reliable Visual Field x
Greater than or equal to 22*			0/I	Yes/No	Normal/ Abnormal	Normal/ Abnormal	IOP measurement (GATx2), Reliable Visual
Less than 22*			0/I	Yes	Normal/ Abnormal	Normal/ Abnormal	IOP measurement (GATx2), Reliable Visual
Significant repeatable inter-eye IOP difference of 10mm Hg or greater			Any	Yes/No	Normal/ Abnormal	Normal/ Abnormal	Repeatable IOP difference of 10mm Hg or greater (GAT x 4) & Visual Field x

If the patient does not meet any of the above criteria the patient should be discharged from the ECF and a report will be generated to the referring prescriber and the patient's GP. This will be generated through the Optomanager platform.