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

Patient attends for GOS sight test or private eye examination – optic disc(s) features **suggestive of glaucoma** identified, with or without
1) raised IOPs
   and/or
2) glaucomatous visual field defect

- Original clinician does not provide ECF
  - Non-participating clinician refers into ECF
    - ECF **not** available from another clinician in same practice
      - Original clinician does **not** provide ECF
    - ECF available from another clinician in same practice
      - Px is provided with a list of practices with ECF accredited clinician.

Patient entered onto Optomanger platform by original practice

Patient has appointment made for ECF by original practice

Pathway continues on next page
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.

<table>
<thead>
<tr>
<th>IOP (mm Hg)</th>
<th>Angle Grade</th>
<th>Symptoms of angle closure</th>
<th>Disc</th>
<th>Visual Field</th>
<th>Clinical Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 22*</td>
<td>Less than 25*</td>
<td>Less than 26*</td>
<td>Any</td>
<td>Yes/No</td>
<td>Abnormal</td>
</tr>
<tr>
<td>Less than 22*</td>
<td>Greater than or equal to 25, less than 30</td>
<td>Greater than or equal to 26, less than 30</td>
<td>Any</td>
<td>Yes/No</td>
<td>Normal/Abnormal</td>
</tr>
<tr>
<td>Greater than or equal to 30 *</td>
<td>Greater than or equal to 22, less than 30</td>
<td>Greater than or equal to 26, less than 30</td>
<td>Any</td>
<td>Yes/No</td>
<td>Normal/Abnormal</td>
</tr>
<tr>
<td>Greater than or equal to 22*</td>
<td>Greater than or equal to 0/I</td>
<td>Greater than or equal to 30</td>
<td>Any</td>
<td>Yes/No</td>
<td>Normal/Abnormal</td>
</tr>
</tbody>
</table>

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.