BNSSG Enhanced Imaging Macula Referral Service: Step-by-step Opera guide

Processing a referral

1. Export/prepare image files

2. Log in to Opera

3. Find or add patient to Opera

4. Add referral information

5. Upload required imaging

6. Send referral

7. Receive feedback

Video guide (short version)

1. Exporting image files

- All files exported from your OCT will appear as .DCM format

- So which are OCT DICOMs and which are fundus photos/images? (can also download OCT summaries: images)

- Strongly suggest rename each file as they are exported to make it easy to know which are which (e.g. OD fundus, OS fundus, OD OCT, OS OCT)

- Look at the file size!

- Correct patient: initials?

- We will provide a test NHS number and guidance to each practice to check they are comfortable with export/upload before processing first real referral

- **Fundus image = approx. 5MB**
- **Scannable OCT = approx. 50MB+**

Name	Date modified	Type	Size
∨ Today			
IM_1.2.410.200010.20240613073790.9990243662.1.0109962.dcm	25/06/2024 12:16	DCM File	5,044 KB
IM_1.2.410.200010.20240613073790.9990243662.1.0107936.dcm	25/06/2024 12:15	DCM File	5,021 KB
IM_1.2.16.840.1.114333.19702.1.11.1.454.20240613134744185007.dcm	25/06/2024 12:15	DCM File	65,569 KB
IM_1.2.16.840.1.114333.19702.1.11.1.454.20240613135721821011.dcm	25/06/2024 12:15	DCM File	65,569 KB
Photo_OS IM_1.2.410.200010.20240613073790.9990243662.1.0109962.dcm	25/06/2024 09:54	DCM File	5,044 KB
Photo_OD IM_1.2.410.200010.20240613073790.9990243662.1.0107936.dcm	25/06/2024 09:54	DCM File	5,021 KB
OCT_OS IM_1.2.16.840.1.114333.19702.1.11.1.454.20240613134744185007.dcm	25/06/2024 09:50	DCM File	65,569 KB
OCT_OD IM_1.2.16.840.1.114333.19702.1.11.1.454.20240613135721821011.dcm	25/06/2024 09:50	DCM File	65,569 KB
IM_1.2.392.200106.1651.6.2.10808617421130.3637340286.5.dcm	25/06/2024 09:50	DCM File	56,694 KB
IM_1.2.392.200106.1651.6.2.10808617421130.3637340305.2.dcm	25/06/2024 09:49	DCM File	56,694 KB

2. Log in to Opera via the Opera home page

OPERA HOME PAGE: https://app.optom-referrals.org/
Opera Help Centre: OPERA

3. Find or add patient to Opera

Navigate from Opera landing page to General > Manage Patients
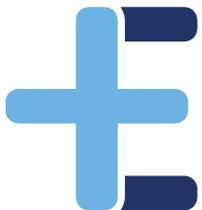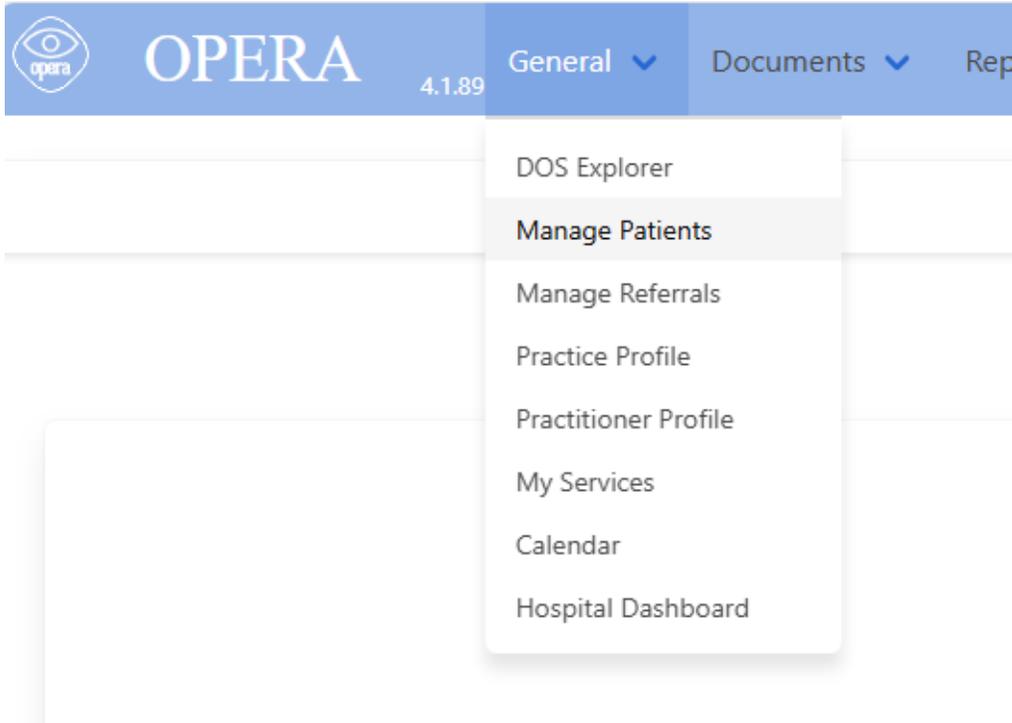
3.Find or add patient to Opera

Search for your patient (DofB AND surname AND/OR NHS number)

Patient Management

| « | | Page 1 | | | » |

| NHS Number | ●●● Date of Birth | Surname | 🔍 | | Quick Patient Add |

| Surname ↓≡ | | Forenames | | D.O.B. | NHS Number | Gender | 🗒 |

ℹ️

Please search for patients before adding a patient to the database.

Add patient from NHS Spine if required

- Search by NHS number OR Surname, gender, DofB as a minimum.
- Very unusual for a patient to not be on the NHS Spine (e.g. not registered with a GP)
  - Spelling?
  - Forename and surname reversed?
  - Go by a different name?
  - Ask what details their GP would hold for them

- If patient cannot be found on the Spine, can't use this referral pathway
  - **Please don't manually add patients**

Quick Patient Add

☐ I know the patient's NHS number

| NHS Number | | Date of Birth | |

☑ I know the patient's details

| Forenames | | Surname |

| Gender ⌄ | | Date of Birth | | Postcode |

[Find Patient]

ℹ

Find a patient.

[Import Patient] [Cancel] ❓

Patient not already on Opera: import

- Blue tick next to name:

- Press "Import Patient" button

- Can then search through Manage Patients

Patient already on Opera

- Import patient button is greyed out and two green ticks next to name:

- Patient is already on Opera,

- Go back a step and search through Manage Patients

4. Start referral and add clinical information

Select the mint green "Enhanced Imaging Referral" clipboard to start the referral

Patient Management

Page 1, Search: NHS Number = "9990243662"

| 9990243662 | Date of Birth | Surname | ✕ |

Surname ⬆	Forenames	D.O.B.	NHS Number	Gender	📋	Enhanced Imaging Referral
➡ XXTESTPATIENTDZAWB	TEST PATIENT	16-04-1970	9990243662	Female		

Check patient details

Contact details and consents

❖ Really important to have Summary Care Record permission ticked
  ❖ Full medical history to support hospital management decision
  ❖ Please discuss with your patients

GOS18+ Consent, Carers and Record Access
OPERA Referrals

Primary **+Eyecare**

Date of Decision to Refer	Preferred Contact Number *	Carer Name		Carer Contact Number	Interpreter Required
25-06-2024					None
Date		First Name	Last Name		

Consent to Access Eye Records *

☑ PES clinicians can access eye care records in order to deliver direct care

☐ PES may contact the patient via SMS, email, letter or phone regarding their direct care

Does the patient give their explicit Permission to View their Summary Care Record? They must consent to the record being available for all clinicians involved in their direct care to have access to these records. It is not necessary for a patient to consent to SCR access to facilitate a referral to any service *

○ Yes - the patient provides explicit permission to view their Summary Care Record

○ No - the patient does not want their Summary Care Record to be used within the referral pathway

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Clinical information: visions and refraction

Visions & Refractions

OPERA Referrals

Primary
Eyecare

Test chart type used for distance VA

◉ Snellen
○ LogMAR

Unaided R Snellen *	Unaided L Snellen *	Corrected R Snellen *	Corrected L Snellen *	Binocular VA Snellen
[dropdown]	[dropdown]	[dropdown]	[dropdown]	[dropdown]

RE Near VA	LE Near VA	Binocular Near VA
[dropdown]	[dropdown]	[dropdown]

Do you wish to report the findings of a refraction?

◉ Yes   ○ No - not done   ○ No - not possible

Refraction Method   [Subjective Refraction ▼]

Date of Sight Test (if applicable)   [25/06/2024]   Cyclo Refraction: [No ▼]

	Sph	Cyl	Axis	Prism	Base		Sph	Cyl	Axis	Prism	Base	
R					-Select- ▼	Distance					-Select- ▼	L
				Prism	Base					Prism	Base	
	Add			-Select- ▼	Near	Add				-Select- ▼	

[Clear]

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Clinical information: condition and diagnosis

Conditions & Diagnosis

OPERA Referrals

Primary Eyecare

Reason for referral

◉ Macular Pathology

Affected Eye : *

○ Right
○ Left
○ Both

Referral Urgency *

○ Urgent   ○ Routine

Macular Pathology Provision Diagnosis *

| Please Select ▾ |

Reason for referral (include any significant history) *

Type here...

Describe your findings to support the provisional diagnosis(es) provided above.

Medications and medical history *   Type here...

Describe your findings to support the provisional diagnosis(es) provided above.

Further clinical details if required   Type here...

Describe your findings to support the provisional diagnosis(es) provided above.

Back   Next

Clinical information: required fields

Macular Referral
OPERA Referrals

Primary Eyecare

Has the patient noticed any distortion in their vision? *
○ Yes   ○ No

Is the patient Diabetic? *
○ Yes   ○ No

Does the patient have Hypertension? *
○ Yes   ○ No

Are there any Anterior Segment abnormalities? *
○ Yes   ○ No

Is there Right eye cataract? *   **Is there Left eye cataract?** *
○ Yes   ○ Yes
○ No   ○ No

Is there a Vitreous Haemorrhage present? *
○ Yes   ○ No

IOP Right Eye *   **IOP Left Eye** *   **Time of IOP** *   **IOP Instrument** *

[   ]   [   ]   [10 ▾] : [06 ▾]   [Please Select   ▾]
                                           Hour   Minutes

[Back]   [Next]

5: Upload required imaging

Submission Details
OPERA Referrals

Primary Eyecare

Referral must include a full OCT DICOM file and Image, centred on the macula, of sufficient quality to allow clinical decision making by the Trust retinal team.

Right Fundus Image *   **Right OCT DICOM** *   **Right Additional File**

| Browse Files | Browse Files | Browse Files |

Left Fundus Image *   **Left OCT DICOM** *   **Left Additional File**

| Browse Files | Browse Files | Browse Files |

Comments to the provider to help with referral allocation. Please include grading information if this is required for the referral here.

| |

| Submit Referral | 🖨 Print Form |

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Clinical information: check imaging!

- DCM format?
- All imaging present?
  - Scannable OCT R+L?
  - Fundus photo R+L?
- Expected size?
  - Fundus image = approx. 5MB
  - Scannable OCT = approx. 50MB+

6. All OK? Submit referral

Submission Details

OPERA Referrals

Primary Eyecare

Referral must include a full OCT DICOM file and Image, centred on the macula, of sufficient quality to allow clinical decision making by the Trust retinal team.

Right Fundus Image *

| Browse Files |

Photo_0...936.dcm   4.9MB

Right OCT DICOM *

| Browse Files |

OCT_OD ...011.dcm   64.0MB

Right Additional File

| Browse Files |

Left Fundus Image *

| Browse Files |

Photo_0...962.dcm   4.9MB

Left OCT DICOM *

| Browse Files |

OCT_OS ...007.dcm   64.0MB

Left Additional File

| Browse Files |

Comments to the provider to help with referral allocation. Please include grading information if this is required for the referral here.

| Submit Referral | | Print Form |

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7. Receiving feedback on referrals

Feedback on referrals - OPERA (optom-referrals.org)

1. Via practice dashboard

		Date	Message
👁	Glaucoma Transfer	31/08/2023 00:00	NEW COMMUNITY GLAUCOMA TRANSFER - TARGET DATE - 31-08-2023
👁	Glaucoma Update	31/08/2023 00:00	OPR03212283 has had a glaucoma review completed with outcome continue in service. Please see Glaucoma Workflow for further details.

2. Via email

- If you have an NHS NET email, this will contain the full message, if you do not then the email will simply recommend that you login to see the message.

- We can send to all optometrists registered at your practice, or just to the referring optometrist and the named clinical lead.

- Changing Email Preferences - OPERA (optom-referrals.org)

- 3. Via Manage Referrals
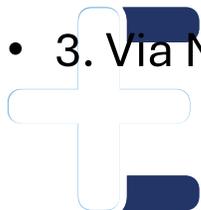
Referral Status

SENT TO ERS PROVIDER: BRISTOL EYE HOSPITAL MACULAR SERVICE USING: REQUEST FOR: OTHER_MEDICAL_RETINA AT: WITH UBRN: _____ Updated response from provider: Many thanks for sending the clinical details and images via Opera. There is mild intraretinal fluid at his left macula, not involving the fovea. I cannot see any sign of retinal haemorrhages on the good quality colour photographs that you attached. He gives no history of diabetes or hypertension . No treatment is required at present. We will review him in 2 months time to reassess. Clare Bailey MD MRCP FRCOphth Consultant Ophthalmologist Updated at: 2024-10-08 21:46:20

Receiving feedback on referrals

Referral Status

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Support and resources

❖ [BNSSG Enhanced Imaging Macula Referral Service](#)

❖ Opera Blue Bubble OR hello@referral.support