

IOP Referral Refinement

Contact details: Danny McFarlane (danny@mdtsolutions.co.uk)

For urgent enquiries, telephone 07905 704740

Quick Start Guide

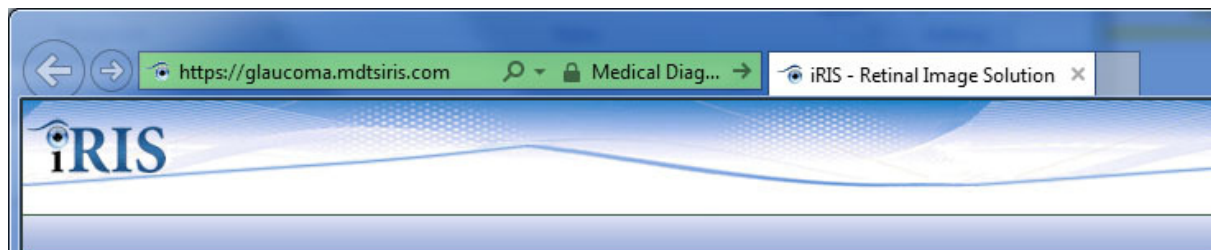
The iRIS software should be accessed using the latest version of Internet Explorer browser on a fully updated Windows computer.

You should login to the system and register a patient when they have high IOP > 21 or suspicious discs or visual fields.

1. **Open your Internet Explorer browser and type the below address into the browser's address bar.**

<https://glaucoma.mdtsiris.com>

(You can also click the link if Internet Explorer is your default browser. Or highlight it and copy/paste into the address bar)

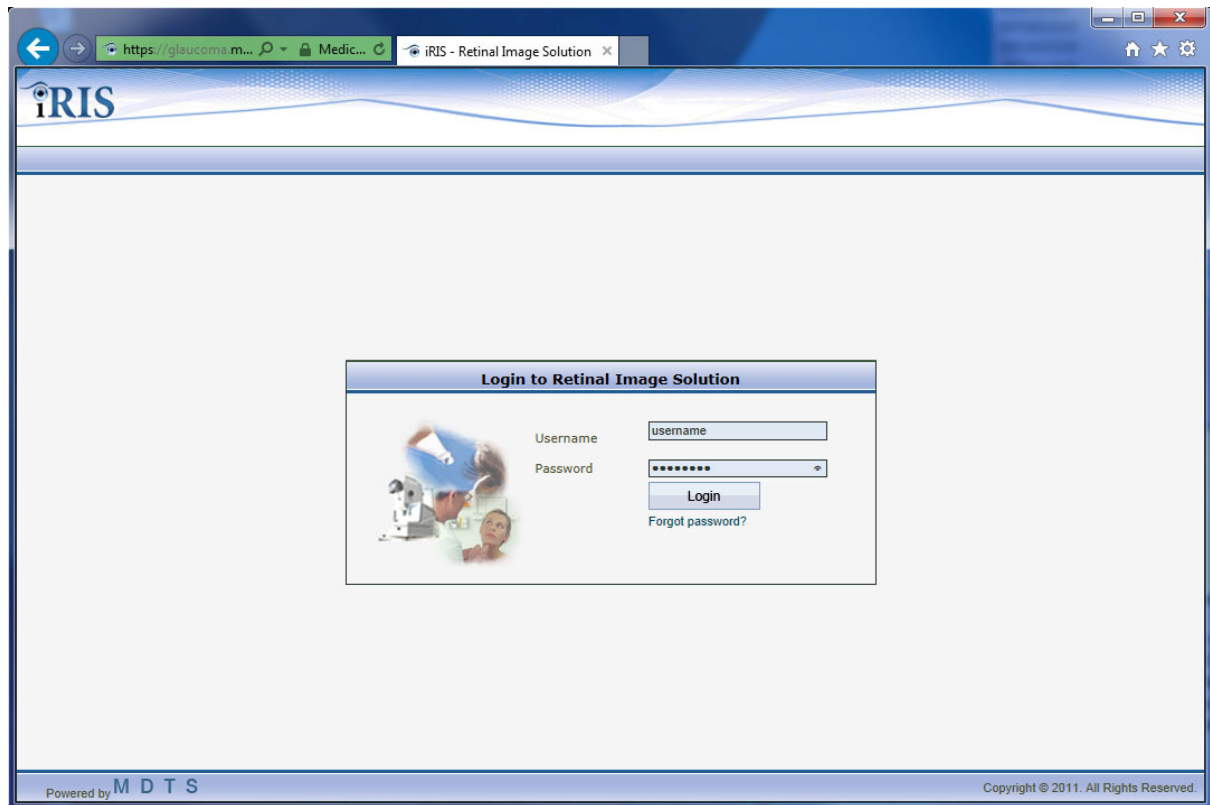


The green address bar colour shows that you are connected to a secure server and all data transfer is encrypted.

You should add the iRIS homepage to your favourites for quick access in the future.


2. **Enter your user name and password.**

This should have been emailed to your personal email address or distributed via your clinic lead.



The screenshot shows a web browser window with the address bar displaying "https://glaucoma.m...". The page title is "iRIS - Retinal Image Solution". The main content area features a login form titled "Login to Retinal Image Solution". The form includes a small illustration of a person using a microscope, a "Username" field with the placeholder "username", a "Password" field with masked characters "*****", a "Login" button, and a "Forgot password?" link. The footer of the page indicates it is "Powered by M D T S" and includes a copyright notice: "Copyright © 2011. All Rights Reserved."

Login to Retinal Image Solution

 Username

Password

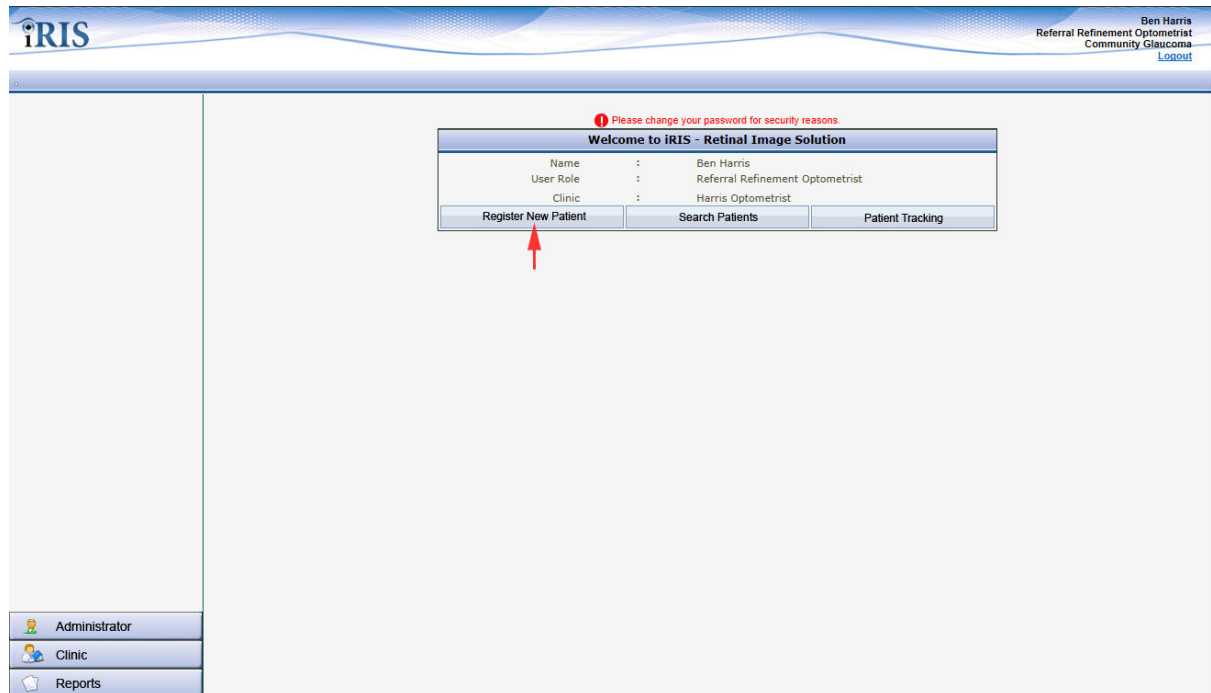
[Forgot password?](#)

Powered by **M D T S** Copyright © 2011. All Rights Reserved.

3. Click the “Register New Patient” button to enter the patient details.

Whenever you have a patient that needs to be assessed for Glaucoma due to discs, visual fields or high IOP you should register them onto the system.

To avoid duplicate records you can click “Search Patients” to see if a patient has been previously registered on iRIS at your practice.



4. Enter the patient's demographics and then click the "GP Search..." button.

Register New Patient			
Title	<input type="text" value="Mr"/>	Gender	<input type="text" value="Male"/>
Surname	<input type="text" value="Goodman"/>		
Forename	<input type="text" value="Peter"/>		
DOB (DD/MM/YYYY)	<input type="text" value="02/02/1966"/>	Age	<input type="text" value="48 years"/>
Ethnic Category	<input type="text" value="British"/>		
Address Line 1	<input type="text" value="21 Henders Walk"/>		
Address Line 2	<input type="text" value="Ashford"/>		
Address Line 3	<input type="text" value="Kent"/>		
Address Line 4	<input type="text"/>		
Address Line 5	<input type="text"/>		
Postcode	<input type="text" value="TN25 6CT"/>		
Phone Type	Phone No.		
<input type="text" value="Home"/>	<input type="text"/>		
<input type="text" value="Home"/>	<input type="text" value="01223893748"/> Delete		
Email Type	Email		
<input type="text" value="Personal"/>	<input type="text"/>		
<input type="text" value="Personal"/>	<input type="text" value="petergoodman@goodmans.com"/> Delete		
Patient Type	<input checked="" type="radio"/> NHS <input type="radio"/> Private		
GP Search...	<input type="button" value="GP Search..."/>		
GP Details	<div><div></div><div>Harris Optometrist 82 Parade Street Canterbury Kent CT1 8ND 012238575</div></div>		
Optometrist Details	<div><div></div><div>Harris Optometrist 82 Parade Street Canterbury Kent CT1 8ND 012238575</div></div>		
Practice Patient ID	<input type="text"/>		
Interpreter Required	<input checked="" type="radio"/> No <input type="radio"/> Yes		
<input type="checkbox"/> Please tick this box to confirm that the patient consents to securely share their details with the Community Glaucoma Network and CGN Software.			
<div><input type="button" value="Back"/> <input type="button" value="Save"/> <input type="button" value="Cancel"/></div>			

Yellow background indicates mandatory item

- A window will appear (you may need to allow popups from mdtsiris.com if you have a blocker installed)
- Enter 3 or more characters in any field and click “Search”.
- Check the box next to the patient’s GP (Only GPs from the participating CCGs are available to select)
- Click “OK” and the Search GP window will close. The GP name and address will be added to the Registration screen.

Search General Practitioner			
Last Name	<input type="text" value="man"/>	First Name	<input type="text"/>
Address	<input type="text"/>	Postal Code	<input type="text"/>
<input type="button" value="Search"/> <input type="button" value="Clear"/>			
Result of above search criteria			
GP Name	Practice Address & Postcode	Phones	
<input type="checkbox"/> BALASUBRAMANIAM, SK	CHARTHAM SURGERY, PARISH ROAD, CHARTHAM, NR CANTERBURY, KENT, CT4 7JU	01227 73822	<div style="text-align: center;"> ^ ▼ </div>
<input checked="" type="checkbox"/> HINKSMAN, HJE	BRIDGE HEALTH CENTRE, PATRIBOURNE ROAD, BRIDGE, CANTERBURY, KENT, CT4 5BL	01227 83190	
<input type="checkbox"/> HOFFMANN, FH	BALMORAL SURGERY, CANADA ROAD, WALMER, DEAL, KENT, CT14 7EQ	01304 37344	
<input type="checkbox"/> IMMELMAN, RE	OAKLANDS HEALTH CENTRE, STADE STREET, HYTHE, KENT, CT21 6BD	01303 23530	
<input type="checkbox"/> KHEMANI, SC	LATIMERS, 25 OSBORNE ROAD, BROADSTAIRS, KENT, CT10 2AF	01843 6335	
<input type="checkbox"/> KHEMANI, CD	LATIMERS, 25 OSBORNE ROAD, BROADSTAIRS, KENT, CT10 2AF	01843 6335	
<input type="checkbox"/> MANGI, QM	KINGSTONE COTTAGE, 67 WILLIAM STREET, HERNE BAY, KENT, CT6 5NR	01227 74000	
<input type="checkbox"/> MANGI, SQ	KINGSTONE COTTAGE, 67 WILLIAM STREET, HERNE BAY, KENT, CT6 5NR	01227 74000	
<input type="checkbox"/> MANOR, CLINIC	THE SURGERY, 31 MANOR ROAD, FOLKESTONE, KENT, CT20 2SE	01303 85112	
<input type="checkbox"/> MANOR, ROAD DEAL	38 MANOR ROAD, DEAL, KENT, CT14 9BX	01304 36749	
<input type="checkbox"/> MANSON, G	COSSINGTON HOUSE, 51 COSSINGTON ROAD, CANTERBURY, KENT, CT1 3HX	01227 76337	
<input type="checkbox"/> MANUELPIILLAI, NL	IVY COURT SURGERY, RECREATION GROUND ROAD, TENTERDEN, KENT, TN30 6RB	01580 76366	
<input type="checkbox"/> NEWMAN, JD	THE SURGERY, 180 SANDGATE ROAD, FOLKESTONE, KENT, CT20 2HN	01303 85124	
<input type="checkbox"/> NORMAN, MH	THE UNIVERSITY MED.CTR., GILES LANE, CANTERBURY, CT2 7PB	01227 46933	
<input type="button" value="OK"/> <input type="button" value="Close"/>			

Before proceeding and saving the patient's personal details on the system you must ensure that the patient consents to securely share their details with the Community Glaucoma Network and software. Patient details will be securely held and not shared in accordance with strict protocols.

Register New Patient			
Title	Mr	Gender	Male
Surname	Goodman		
Forename	Peter		
DOB (DD/MM/YYYY)	02/02/1966	Age	48 years
Ethnic Category	British		
Address Line 1	21 Henders Walk		
Address Line 2	Ashford		
Address Line 3	Kent		
Address Line 4			
Address Line 5			
Postcode	TN25 6CT		
Phone Type	Phone No.		
Home			
Home	01223893748	Delete	
Email Type	Email		
Personal			
Personal	petergoodman@goodmans.com	Delete	
Patient Type	<input checked="" type="radio"/> NHS <input type="radio"/> Private		
GP Search...	HINKSMAN, HJE BRIDGE HEALTH CENTRE PATRIBOURNE ROAD BRIDGE CANTERBURY KENT		
GP Details	Harris Optometrist 82 Parade Street Canterbury Kent CT1 8ND 012238575		
Optometrist Details			
Practice Patient ID			
Interpreter Required	<input checked="" type="radio"/> No <input type="radio"/> Yes		
<input checked="" type="checkbox"/> Please tick this box to confirm that the patient consents to securely share their details with the Community Glaucoma Network and CGN Software.			
<div> Back Save Cancel </div>			
Yellow background indicates mandatory item			

- Check the box to signify the patient's consent then click "Save" to proceed.

5. On the preliminary findings page check the box next to any abnormal findings – IOP, Disc Appearance, or Visual Fields.

Multiple non-applanation tonometry results should be averaged.

Also include any comments and enter the patient’s prescription details from their last sight test.

Preliminary Findings

Mr Goodman, Peter, 02/02/1966, Age 48 years, Male

Date18/06/2014

Referring OptometristBob Holness

Abnormal Findings

IOP☒ RE(avg.) 23 mmHg 12:02 hh:mm LE(avg.) 23 mmHg 12:02 hh:mm TonometerNon contact – air puff

Disc Appearance☐

Visual Fields☐

CommentsMildly raised IOP - discs and fields fine

Prescription Details

Current sight test date18/06/2014

	Uncorrected VA	Sph	Cyl	Axis	VPrism	VBase	HPrism	HBase	VA	Add	Near VA
RE	6/18	1.50	3.50	20	5.50	DOWN	4.00	IN	6/6	1.75	N8
LE	6/18	1.75	2.50	30	2.50	UP	3.50	IN	6/6	2.00	N8

Save

Cancel

6. The outcome screen changes according to the findings and tonometry method. It will advise the correct outcome based on NICE guidelines.

In this case, the patient has a mildly high IOP using non-applanation tonometry so a Referral Refinement appointment may be either booked or done straight away using the “Do Referral Refinement Now” button.

Summary

Mr Goodman, Peter, 02/02/1966, Age 48 years, Male

Date18/06/2014

Referring OptometristBob Holness

Preliminary IOP

RE 23 mmHg 12:02 LE 23 mmHg 12:02 TonometerNon contact – air puff Date18/06/2014

CommentsMildly raised IOP - discs and fields fine

Outcome

Requires IOP Referral refinement

Do Referral Refinement Now




Book Future Referral Refinement

Finish

7. The Referral Refinement clinic shows the patients who have arrived and are awaiting IOP referral refinement.

You will arrive here after clicking the “Do Referral Refinement Now” button.

Optometrists can also reach this screen by selecting IOP Referral Refinement from the clinic menu.

IOP Referral Refinement			
Patient Details	Preliminary Findings Summary	IOP Assessment	Outcome
Goodman, Peter Appt: 18/06/2014 16:11 Arrival: 16:11 1st RR			

Click the IOP Assessment button.

8. Enter the patient’s IOP using applanation tonometry along with any comments.

Preliminary Findings					
Mr Goodman, Peter, 02/02/1966, Age 48 years, Male					
Preliminary IOP	RE 23 mmHg 12:02	LE 23 mmHg 12:02	Tonometer	Non contact – air puff	Date 18/06/2014
Comments	Mildly raised IOP - discs and fields fine				
Tonometry					
Tonometer Type	Right		Left		
Goldman applanation tonometry	Intra ocular pressure	Time	Intra ocular pressure	Time	
	23 mmHg	16:23 hh:mm	23 mmHg	16:23 hh:mm	
Comments	23 with applanation				
		Save		Cancel	

- 9. The outcome screen will advise the correct follow up. You can book an appointment from this screen, or transfer the booking to reception.**

Summary							
Mr Goodman, Peter, 02/02/1966, Age 48 years, Male			Date	18/06/2014	Referring Optometrist	Bob Holness	
Preliminary IOP	RE 23 mmHg 12:02	LE 23 mmHg 12:02	Tonometer	Non contact – air puff	Date	18/06/2014	
Comments	Mildly raised IOP - discs and fields fine						
IOP Ref Refinement	RE 23 mmHg 16:23	LE 23 mmHg 16:23	Tonometer	Goldman applanation tonometry	Date	18/06/2014	
Comments	23 with applanation						
Outcome							
Requires IOP Referral refinement							
Book 2nd IOP Referral Refinement Appointment							
Appointment Date (DD/MM/YYYY)	25/06/2014	Appointment Time	13:00	Day	Morning	Evening	
				MON	08:00 - 13:00	13:00 - 21:00	
				TUE	08:00 - 13:00	13:00 - 21:00	
				WED	08:00 - 13:00	13:00 - 21:00	
				THU	08:00 - 13:00	13:00 - 21:00	
				FRI	08:00 - 13:00	13:00 - 21:00	
				SAT	08:00 - 13:00	13:00 - 21:00	
				SUN	08:00 - 13:00	13:00 - 21:00	
<input type="button" value="Cancel"/>		<input type="button" value="Book At Reception"/>		<input type="button" value="Book Appointment"/>		<input type="button" value="Print Appointment Letter"/>	
<input type="button" value="Finish"/>							

On booking the appointment the “Print Appointment Letter” button becomes active. Click to view and print the letter. Note letters are in Adobe Acrobat .pdf format.

If you do not have Adobe Acrobat Reader already installed on your system, it is freely available from <http://get.adobe.com/uk/reader/>
Please remember to uncheck install Google Chrome browser.

10. The booking letter will look like below. The print and save icons are located on a bar at the bottom/middle of the window.



Community Glaucoma Network - Booking Confirmation

Mr Peter Goodman
21 Henders Walk
Ashford
Kent
TN25 8CT

TestCGNwithRRUsers
Holness Optician
Canterbury
Kent
CT1 7TF
Telephone : 01112222

18 Jun 2014

Appointment Confirmation for 2nd IOP Referral Refinement

Please attend at the below date and time;
Date: 25 Jun 2014 Time: 13:00

TestCGNwithRRUsers
Holness Optician
Canterbury
Kent
CT1 7TF
Telephone : 01112222

Dear Peter Goodman

During your recent eye examination your Optometrist found that the results of some of the routine tests were not completely normal . You have therefore been referred for further investigation and an opinion on whether you have the eye condition glaucoma.

Your appointment for 2nd IOP Referral Refinement has been booked for 13:00 on 25 Jun 2014 at TestCGNwithRRUsers.

At this appointment the optometrist will carry out additional tests on your eyes.

Please bring with you your spectacles and a list of any prescription medication. It will not be possible to wear contact lenses during or immediately after your appointment.

This appointment may last up to 15 minutes and is specifically for glaucoma assessment. It does not replace your regular eye examination with your usual optometrist.

If you need to cancel or rearrange your appointment contact us by telephone on 01112222.

Yours sincerely

On behalf of the Community Glaucoma Network.



Print file (Ctrl+P)

The clinic reception

The clinic reception is reached by clicking the clinic button at the bottom left of the screen.

It shows all of today's patients and patients at a referral refinement or 2nd referral refinement appointment.

You can also see all future bookings by checking the "Show / Hide Future Bookings" check box.

Reception					
<input type="checkbox"/> Show / Hide Future Bookings		<input type="button" value="Search Patients"/>		<input type="button" value="Register New Patient"/>	
Today's Patients					
Patient Name	Status	Appointment Type	Appointment Time	Details	Exception
Small, Cindy	Booking - Awaiting Arrival	2nd Referral Refinement	Tue, 08 Jul 2014 15:00	Details	Exception
Missed Appointments					
Patient Name	Status	Appointment Type	Appointment Time	Details	Exception
Cooper, Sam	Booking - Awaiting Arrival	2nd Referral Refinement	Wed, 18 Jun 2014 11:45	Details	Exception
Previously Incomplete Appointments					
There are no previous incomplete appointments.					
Bookings Required					
Patient Name	Status	Booking Type	Details		
Blunt, Jeremy	Awaiting Booking	Referral Refinement	Details		

When a patient arrives for an appointment they will be listed under "Today's Patients"

Click "Details" to confirm a patient's identity and their arrival for their appointment.

Confirm the patient's identity by checking the "Accept" checkbox and click "Confirm Appointment".

The patient will be considered to have arrived and will be in the Clinic > IOP Referral Refinement section ready for their appointment.







At reception they will now appear under the "Incomplete Appointments" section.

Patient Master Record			
Title	<input type="text" value="Mr"/>	Gender	<input type="text" value="Male"/>
Surname	<input type="text" value="Brunt"/>		
Forename	<input type="text" value="Anthony"/>		
DOB (DD/MM/YYYY)	<input type="text" value="04/08/1970"/>	Age	<input type="text" value="43 years 10 months"/>
Ethnic Category	<input type="text" value="British"/>		
Address Line 1	<input type="text" value="4A Wellands"/>		
Address Line 2	<input type="text" value="Wickham Bishops"/>		
Address Line 3	<input type="text" value="Essex"/>		
Address Line 4	<input type="text"/>		
Address Line 5	<input type="text"/>		
Postcode	<input type="text" value="CM9 2AA"/>		
Phone Type	Phone No.		
<input type="text" value="Home"/>	<input type="text"/>		
<input type="text" value="Home"/>	<input type="text" value="457855"/>	<input type="button" value="Delete"/>	
Email Type	Email		
<input type="text" value="Personal"/>	<input type="text"/>		
Patient Type	<input checked="" type="radio"/> NHS <input type="radio"/> Private		
GP Details	<input type="text" value="LLOYD-SMITH, AR"/> <input type="text" value="IVY COURT SURGERY"/> <input type="text" value="RECREATION GROUND ROAD"/> <input type="text" value="TENTERDEN"/> <input type="text" value="KENT"/> <input type="text" value="TN30 6RB"/>		
Optometrist Details	<input type="text" value="TestCGNwithRRUsers"/> <input type="text" value="Holness Optician"/> <input type="text" value="Canterbury"/> <input type="text" value="Kent"/> <input type="text" value="CT1 7TF"/> <input type="text" value="0111222"/>		
Practice Patient ID	<input type="text"/>		
Interpreter Required	<input checked="" type="radio"/> No <input type="radio"/> Yes		
Confirm Details on Arrival	<input checked="" type="checkbox"/> Accept		
<input type="button" value="Back"/> <input type="button" value="Confirm Appointment"/>			
Yellow background <input type="text" value=""/> indicates mandatory item			




Patient Tracking

Patient tracking allows users full control over all the patients entered into iRIS at their clinic. Every patient will be found within one of the statuses in patient tracking.

There are icons next to each patient that allow the patient to be booked, invited, continued, cancelled and their latest letter to be viewed and printed. Icons change according to the patient's current status.

View All Patients in IRIS					
Screening Type	<div>Glaucoma</div>				
Select Status of Patient	<div>Booked</div>				
<div>Advance Search</div>					
Results					
Miss Small, Cindy DOB: 03/03/1955	GP: EC WISMAYER	Appt Type: 2nd RR	Appt Date: 08/07/2014	Status: Booked	<div></div>
Mrs Cooper, Sam DOB: 03/03/1966	GP: RE IMMELMAN	Appt Type: 2nd RR	Appt Date: 18/06/2014	Status: Booked	<div></div>
Miss Garter, gina DOB: 01/01/1966	GP: JD NEWMAN	Appt Type: RR	Appt Date: 04/06/2014	Status: Booked	<div></div>

All patients will be found within one of the statuses. (see image below)

		Patients in IRIS			
Screening Type	Currently in Visit Requiring Invitation Awaiting Future Invitation Invited Booked Complete Transfer to CGN				
Select Status of Patient					
Results					
Miss Small, Cindy DOB: 03/03/1955	GP: EC WISMAYER	Appt Type: 2nd RR	Appt Date: 08/07/2014	Status: Booked	
Mrs Cooper, Sam DOB: 03/03/1966	GP: RE IMMELMAN	Appt Type: 2nd RR	Appt Date: 18/06/2014	Status: Booked	
Miss Garter, gina DOB: 01/01/1966	GP: JD NEWMAN	Appt Type: RR	Appt Date: 04/06/2014	Status: Booked	

The statuses are:

- **Currently in visit** – Any patient in this status needs completion. An icon will take you to the correct screen to complete their appointment.
- **Requiring Invitation** – For cancellations and DNAs.
- **Awaiting Future Invitations** – For cancellations with a due date over 2 weeks* away.
- **Invited**
- **Booked**
- **Complete** – All patients that have completed their referral refinement cycle eventually end up in complete status. Patients referred to CGN move to the status “Transfer to CGN” once they have been successfully booked for full assessment at a CGN clinic.
- **Transfer to CGN** – Patients referred to CGN and subsequently booked at a CGN clinic move to this status automatically.

*variable depending on organisation settings.