



GIG
CYMRU
NHS
WALES

Bwrdd Iechyd Prifysgol
Cwm Taf Morgannwg
University Health Board



Freedom of Information Request: Our Reference CTMUHB_122_25

You asked:

Under the Freedom of Information Act 2000, I would like to request the following information regarding the ophthalmology services and IT systems used within your Trust:

Ophthalmology Department & IT Record System

1. Does your Trust have an ophthalmology department and/or provide ophthalmology clinics?

Yes, Cwm Taf Morgannwg UHB does have an Ophthalmology department and provides Ophthalmology clinics at a number of our Hospital sites.

2. If so, what is the name of the principal IT record system used to document results from patient consultations within ophthalmology?

We have a number of ICT systems within Ophthalmology used to document results from patient consultations and each system tends to be specific to each Ophthalmology speciality. Open Eyes is used to document Glaucoma patients and Medisoft for Cataract patients. Paper documentation is also used for some specialities and this is uploaded into our Document Management Systems.

Imaging Capabilities & System Integration

3. Does the principal IT system allow clinicians to view images from scans conducted during a clinic visit?

Yes, both Open Eyes and Medisoft allow for clinicians to view images from scans conducted during the clinical visit.

4. Are there any types of medical images that cannot be imported into this principal IT system? If so:

- **What is the name of the IT programme used by clinicians to view these images?**
- **What is the name of the scan/modality that generates these images?**

The majority of our modalities are Zeiss devices (25+) and our clinicians use the Zeiss products Forum and Cirrus review to view images and scans captured on the Zeiss Modalities. HFAs, OCTs, IOL Masters, Clarus, Callisto eye are Zeiss devices we have integrated into our FORUM/Cirrus systems.

We also use the Optos advance application that is integrated with our Optos supplied modalities. We currently have five Optos fundus cameras (3 x Optos California's and 2 x Optos Monaco's)

There is also an historical Ophthalmology image repository called synergy that holds images captured from our old Topcon Imaging modalities, although we no longer have any Topcon modalities in use.

Data Integration with National Systems

5. Does the principal IT system integrate with the NHS Spine or other national patient record systems (e.g., OpenEyes, Medisoft, Epic)?

As mentioned above Cwm Taf Morgannwg is using Open Eyes (National System) to document patient notes from Glaucoma clinics across the Health Board. Medisoft is used as a Health Board Instance and not aligned nationally.

6. Does the system support the exchange of structured data with other NHS Trusts or external healthcare providers?

Yes, patient records on Open Eyes from other health boards within Wales can be accessed if necessary. We also have a handful of community opticians who are using Open Eyes for Cwm Taf patients and the Health Board can access these records via Open Eyes.

Patient Access & Communication

7. Does the system allow patients to access their ophthalmology records, including images, via the NHS App or another patient portal?

No, the system does not allow for patients to access their Ophthalmology records or Images.

8. Are there any restrictions on how imaging data can be shared with patients and external providers?

N/A- No patient portal or NHS App used.

Image Storage & Viewing Capabilities

9. What is the storage capacity and retention policy for ophthalmology-related imaging within the IT system?

At the time of writing, we have approximately 10TB (Terabytes) of Ophthalmology data (images/scans) without any set storage capacity.

10. If images are not viewable within the principal IT system, does the Trust use a separate PACS (Picture Archiving and Communication System) for ophthalmology imaging?

Zeiss FORUM, Optos Advance and Topcon Synergy are used as a PACS for Ophthalmology within Cwm Taf Morgannwg.

Future IT Developments & Interoperability

11. Is the Trust planning any upgrades or changes to its ophthalmology IT infrastructure in the next five years?

The Health board has recently purchased two Heidelberg Anterior AS OCT modalities, with a third being considered.

The Health board will also need to align with the National Eye Care program with either the development and progression of Open Eyes as a national Ophthalmology system or an with an alternative ICT solution.

12. Are there known interoperability challenges that affect the transfer of ophthalmology data within the Trust or between NHS organizations?

The location of where Ophthalmology records and Images are stored for each organisation can make it difficult for shared data to be accessed between Health Boards. It has been suggested previously having a national PACS system, centrally hosted for Ophthalmology imaging.