

- We have Agfa Impax PACS.
- PACS gives users access to radiology imaging and reports.
- PACS **is not** an application to request radiology exams.

What is PACS?

- CUH PACS went live in June 2008
- Followed by:
 - St Mary's Orthopaedic Hospital (SMOH) 2008
 - St Finbarr's Hospital (SFH) 2009
 - Cork University Maternity Hosp. (CUMH) 2010
 - Mallow General Hospital (MGH) 2011
 - Bantry General Hospital (BGH) 2013

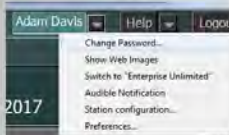
What can I see then?

- All radiology imaging/reports for any patient from each sites go live date.
- 1 search covers CUH, CUMH, SFH, SMOH, MGH & BGH.
- You do have access to radiology reports from previous system going back nearly 30 years.

How to use PACS (1)



- Log into PACS with your supplied username and password.
- Username is not case sensitive but password is.
- Alter password to a more memorable one.



- Must be minimum of 8 characters and contain upper and lower case and a number.

How to use PACS (2)



- **ALWAYS** search for your patient using the CUH MRN...more accurate and efficient.

The screenshot shows the 'Search | Advanced (8)' window in the IMPAX Client. The search criteria are: Patient ID (281880), Patient Last, First Name (any), Study Date (any), Modality (any), Status (any), Patient Sex (any), Accession Number (any), and Requesting Physician (any). The search button is highlighted with a red box. A red arrow points to the search button with the text '(1) PRESS RESET FIRST'. Another red arrow points to the Patient ID field with the text '(2) ENTER CUH MRN HERE'.

- **BUT** always hit the reset tab first.

How to use PACS (3)

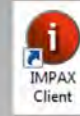


- This should bring you up just 1 patient.
- **BUT BEWARE**, if patient images are imported from external sites they may have the same MRN/Patient ID.....
- To reduce this risk **ensure studies have a status of 'Verified'**
- Be very **wary of 'Failed Verification' and 'Never Verified' studies.**

The screenshot shows the search results table with the following data:

Study ID	Study Date	Study Time	Patient ID	Modality	Im.	Accession Number	Patient Name	HIS/RIS Verified
281880	21/06/2016	09:17	281880	CR	1	A446794	CRONIN,D	Failed Verification
	21/06/2016	08:02	281880	MR	217	A446796	CRONIN,D	Never Verified
0	22/11/2006	14:37	281880	US	2	S1679091	MURRAY,N	Verified
0	24/10/2006	12:02	281880	MG	5	S1639857	MURRAY,N	Verified
0	07/02/2006	14:09	281880	US	3	S1621930	MURRAY,N	Verified

How to use PACS (4)



- Radiology reports need care.

- Typically 3 report phases:

- **New** – Not reported yet.
- **Reported** – Radiologist has created a provisional report BUT this may alter either *partially or entirely* at Approval (finalisation). **These reports should never be printed/distributed.**
- **Approved** – Finalised report where no further changes are permitted to that report.
- **Report Addendum** – If changes are required to an approved report then a report addendum is added.

CKCR85_01	New
CUHEVO2	Reported
CT44067	Approved

What about Mercy Hospital & South Infirmary images?

- So you want access to MUH or Mercy Urgent Care Clinic images/reports?
- **XERO application** is your answer.
- Uses your PACS username and password.
- Also gives access to CUHG images and reports.
- Later in 2020 access to the 'Quarantine' PACS will be possible. Also known as 'Standalone' or 'Neuro' PACS.
- Sites around the country, e.g. NIMIS sites such as SIVUH, can transmit studies into this non production version of PACS for temporary viewing.
- **Where do I find it?**

- Either on the staff directory page...

The screenshot shows the HSE staff directory page. The 'CUH PACS Request System' is highlighted in red. A green box highlights 'Xero Radiology Image Viewer' under the 'Applications' section, with a line pointing to 'XERO application'. Another green box highlights 'CUH Staff Information Attachments' under the 'CUH Forms' section, with a line pointing to 'XERO instructions'.

- Or desktop shortcut



- PACS Import/Export request system

What about sites outside Cork?

- Most sites use NIMIS national PACS
- XERO application will be able to view NIMIS studies **IF** transmitted to 'Standalone/Neuro/Quarantine' PACS.
- Certain locations in CUH have NIMIS installed, such as OPD, ED, MDM rooms etc
- Installation is via CUH IT and accounts are created by the NIMIS National Team.
- If you already have an account use it.
- Certain clinicians have access to CUHG PACS at SIVUH, e.g. Orthopaedics.

- If you have a HSE email account then email the PACS office. (fastest)
- Or call to Radiology reception desk on the ground floor and complete the form.

- The PACS office is on the first floor within the Radiology offices.
- Extensions 20283 and 20284.
- Email CUHPACS.Helpdesk@hse.ie

How to get an account and where to find us...