

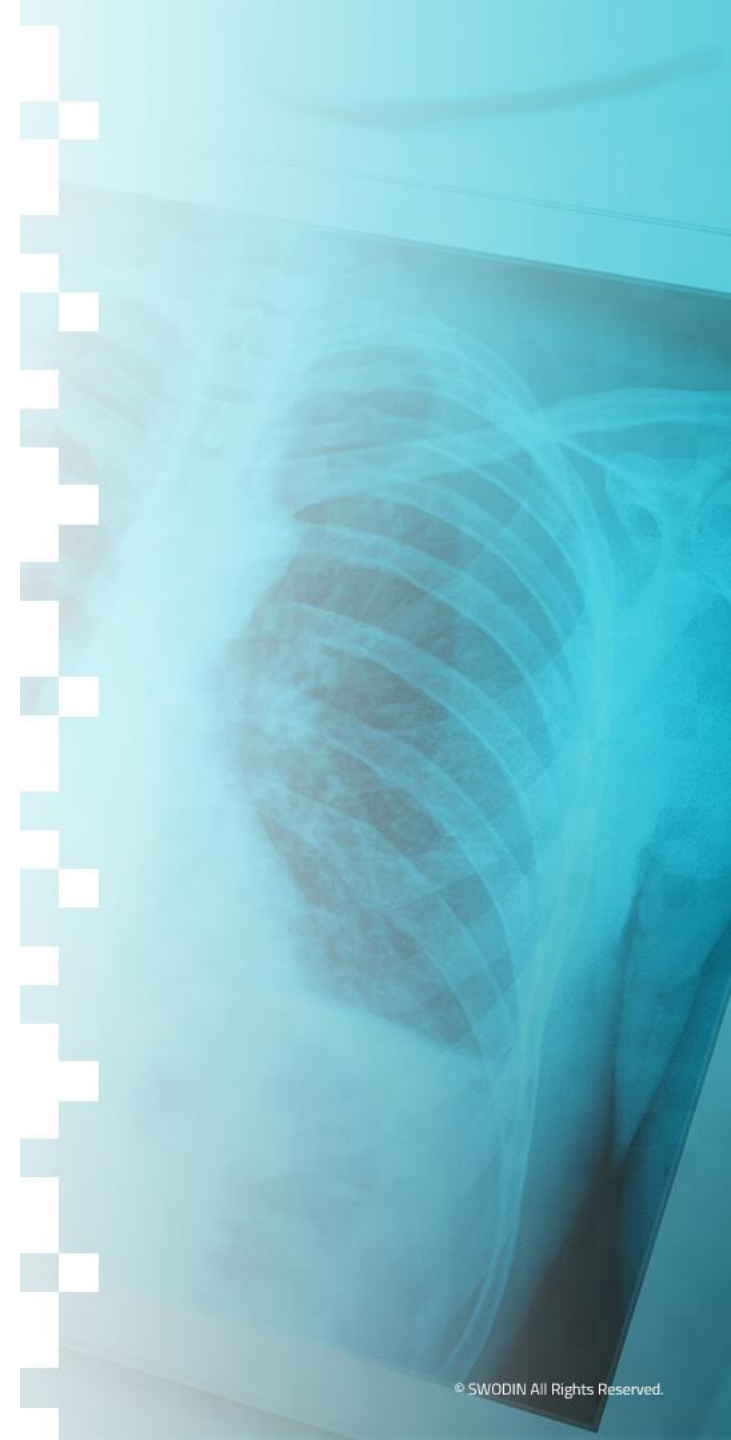
SWODIN PACS USER GROUP
July 27, 2021

SWODIN

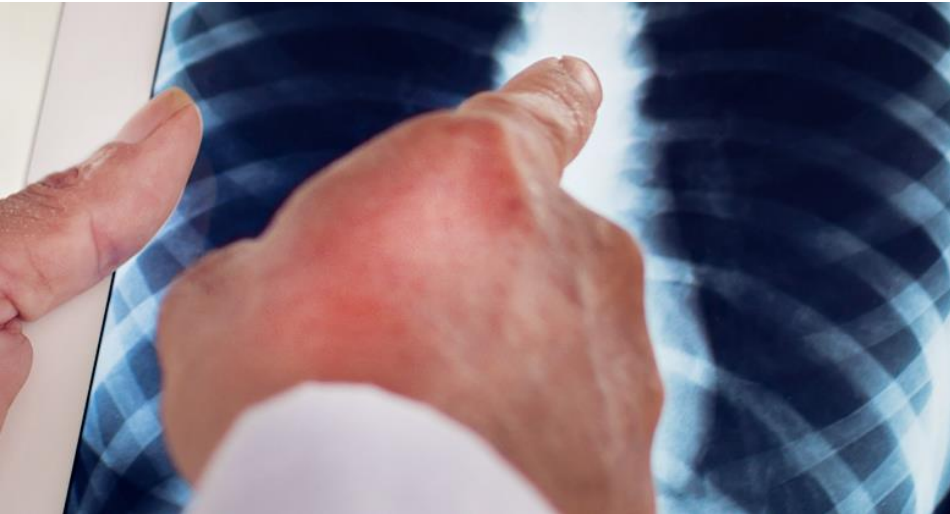
Southwestern Ontario
Diagnostic Imaging Network

SWODIN PUG AGENDA – July 27, 2021

1. Welcome
2. PACS Program updates
3. Ticket Monitor
4. PACS QC
5. Technical Update
6. Integrated Solutions
7. ED Discrepancy
8. Round Table



1. Welcome



- a) Approval of May minutes
- b) Action Items May meeting
 - 1. Best practice for junk files/old AO's/old HPs
 - 2. Process for QA Exams
 - 3. Process when new rooms are created

2. Program Updates

South Bruce Grey Health Centre PACS and SRRS Expansion - SUCCESS!

■ Congratulations to ALL!!

- The SBGHC health care organization, comprised of 4 sites, serves the communities of Chesley, Durham, Kincardine and Walkerton.
- Project Kick-Off February 2, 2021
- Go-Live June 8, 2021

Current SWODIN PACS contributors:

- AHI – Alexandra Hospital Ingersoll
- AMGH – Alexandra Marine and General Hospital
- HPHA – Huron Perth Healthcare Alliance
- LHSC – London Health Sciences Centre
- LWHA – Listowel Wingham Hospitals Alliance
- MHA – Middlesex Hospital Alliance
- SBGHC – South Bruce Grey Health Centre
- SHHA - South Huron Hospital Association
- SJHC – St. Joseph’s Health Care
- STEGH – St. Thomas Elgin General Hospital (+Echocardio)
- TDMH – Tillsonburg District Memorial Hospital
- WGH – Woodstock General Hospital

Longitudinal Record Project – ON PAUSE

- Scope: Viewing studies from the SWODIN Dlr within the Enterprise Imaging (EI) desktop and Xero Viewer
- Will resume once test and QA environments are upgraded to next version of 8.1.4

PACS Scan Web - Update

Solution moving forward – Hyland PACSscan Web

- **UPDATE: Contract under review, update provided to BSC in June**

PACS EI Upgrade v8.1.4

- Kick off meeting SWODIN and Agfa Sept 10, 2021

	Name	Start Date	End Date	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22
	IN PROGRESS																	
1	SBGHC SWODIN PACS Onboarding	18-Jan-21	30-Jun-21															
2	SWODIN Phase 1.2 (Longitudinal Record)	5-Sep-18	31-Dec-21					PAUSE										
	FUTURE/PENDING																	
1	LWHA/TD/AHI EI/TomTec onboarding		TBD															
2	SRRS FFI Upgrade	Aug-21	Sep-21															
3	SWODIN PACS 8.1.4 Upgrade	Sep-21	TBD															
4	LHSC Echo EI/TomTec Onboarding (dependant on 8.1.4 for Paeds Echo)		TBD															
5	CKHA SWODIN PACS Onboarding (final quote received - pending decision/PO)		31-Mar-22															

Agfa Collaboration Agreement

- A collaborative research partnership among Agfa HealthCare and Lawson Health Research Institute (joint venture of LHSC and Lawson)
- Research projects and innovations, extend to clinical utility, teaching and education and outcomes analysis. Leveraging machine learning, advanced analytics and AI to advance the quality of care for patients associated with regional services associated with breast imaging/cancer services
- Establish an international reference for the implementation of Agfa HealthCare technology
- Agfa will provide a separate proof of concept environment (Server and Workstation)
- Each party will make available a research champion – highly competent in both the clinical domain of interest as well as in Agfa HealthCare technology
 - Optimization of overall Imaging workflows, in particular Breast Imaging workflows within 8.1.4
 - Clinical validation of Peer Learning workflows
 - Build and validate an AI package for screening and diagnostics workflows in Breast Imaging

3. Ticket Monitoring

PACS/SRRS Incident Review:

July 2-6 Missing AOs Incident:

- Regionally, Radiologist Activity Overviews 'disappeared'
- Issue escalated to SWODIN and subsequently to Agfa
- SWODIN support rebuilt the missing AOs
- Root cause not identified
- Snapshot of current AOs taken

PACS Change Controls:

- July 1 - Scheduled monthly maintenance - rolling restart of core servers
- July 25 - Scheduled monthly maintenance – rolling restart of core servers

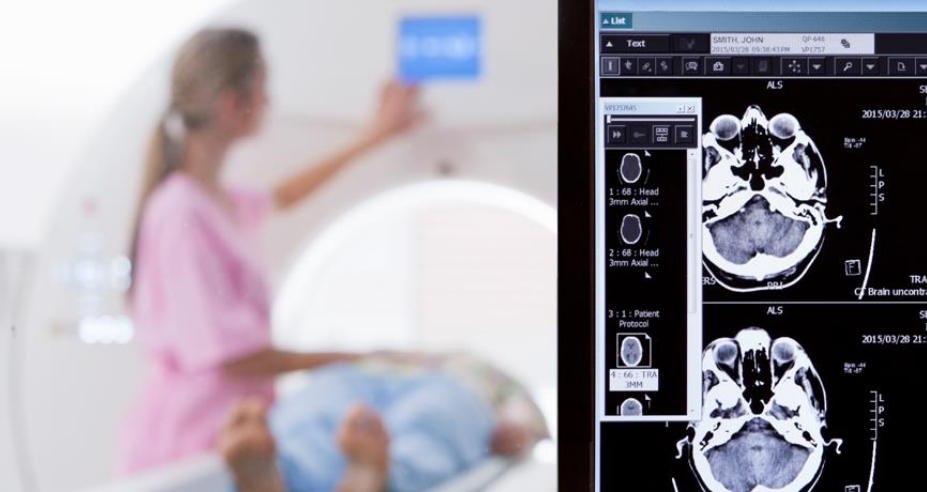
▪ SRRS

- June 1 - Monthly Windows security updates to Prod FFI servers
- July 6 - Monthly Windows security updates to Prod FFI servers

4. PACS Technical Update

- deferred

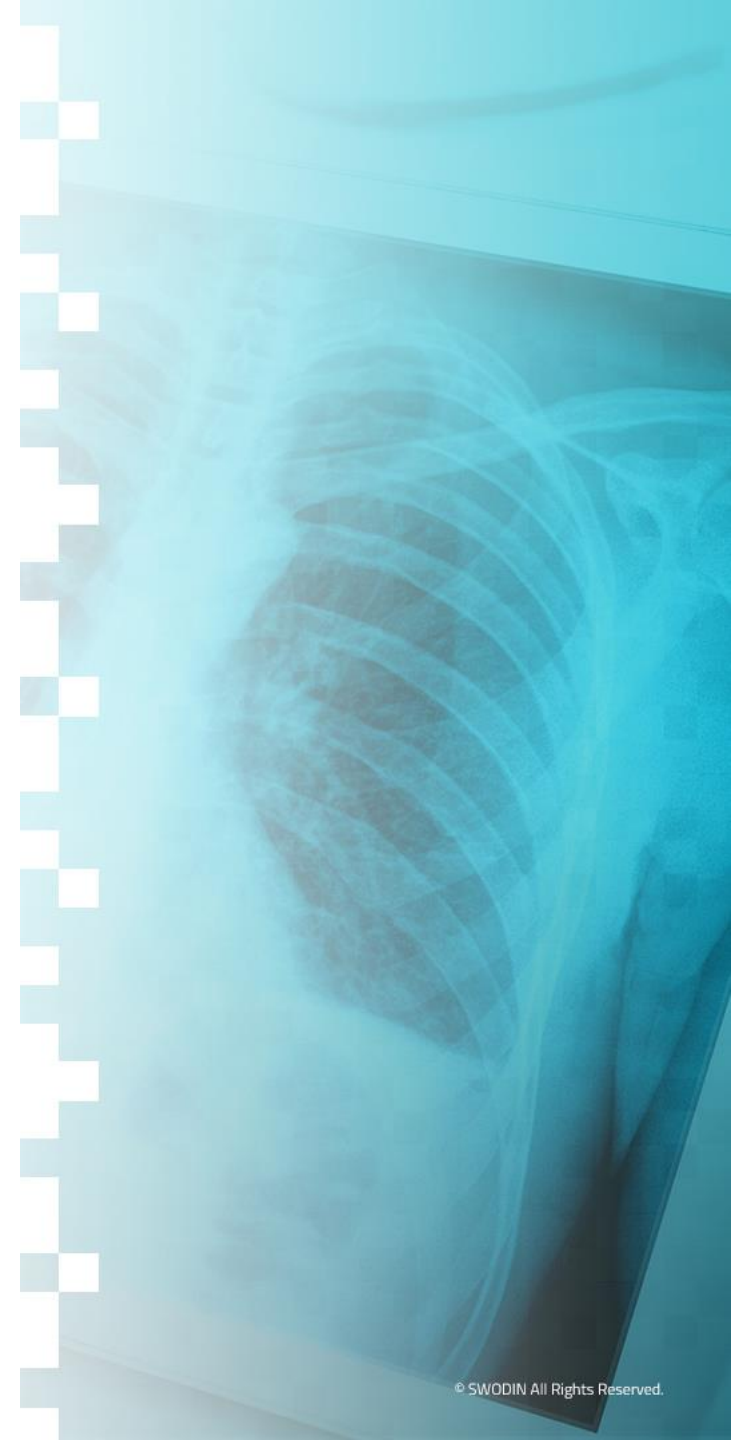
5. Integrated Systems



- FFI Version 4.30
Upgrade Sept 23, 2021

Modern User Interface

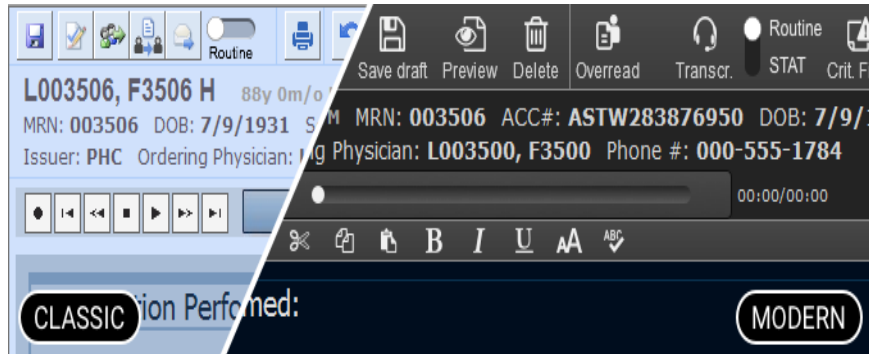
- Fluency for Imaging Reporting has been improved across the board to make it easier to find and use the tools and information you need.
- There are new dark and light themes for the entire application, to suit your work environment and personal preference.
- Font sizes are increased to make text easier to read.
- Icons are improved to make them easier to see and recognize.



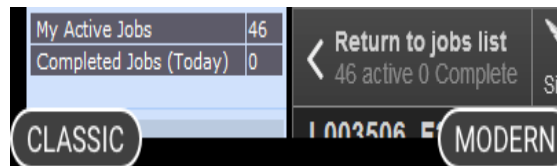
User Interface

Improved toolbars

There are now two toolbars in the dictation window: one for the overall report, and one for the editor. Buttons in the main toolbar are now larger and are accompanied by text labels to make it easier to find the tools you are looking for.

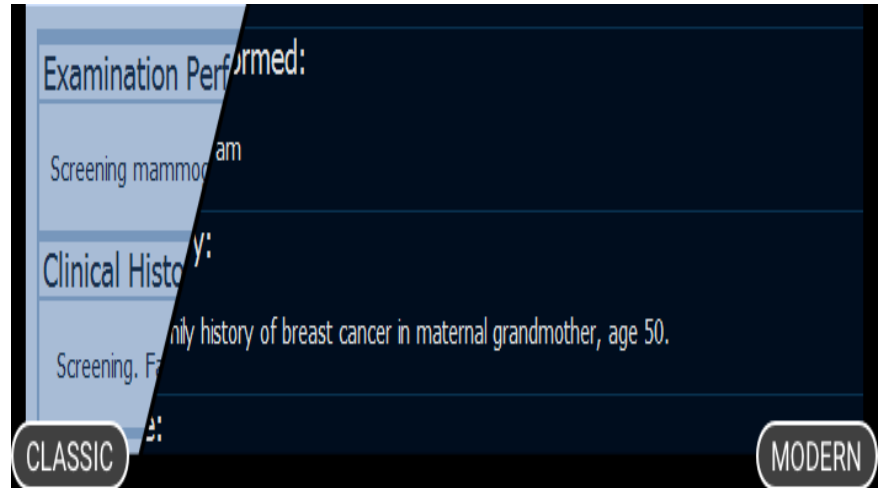


Navigation back to the jobs list has been made easier via a back button in the main toolbar.



Modern editor style

The new, lightweight editor style reduces clutter and helps you focus on creating your report.



Editor colors are also now matched to the overall application theme. If you are using custom editor colors, you can continue doing so and will be asked your preference when signing in for the first time.

Preview, pin, and pop-out content

This new feature makes it possible to quickly view the contents of prior reports, templates, and macros and provides convenient ways of displaying their full contents near your report for reference. Hover over the eye icon on prior reports, templates, and macros to quickly see their contents.

The screenshot displays a medical reporting interface. On the left, a report preview is shown with sections for Examination Performed, Clinical History, Technique, Comparison, Findings, and Impression. On the right, a sidebar contains several sections:

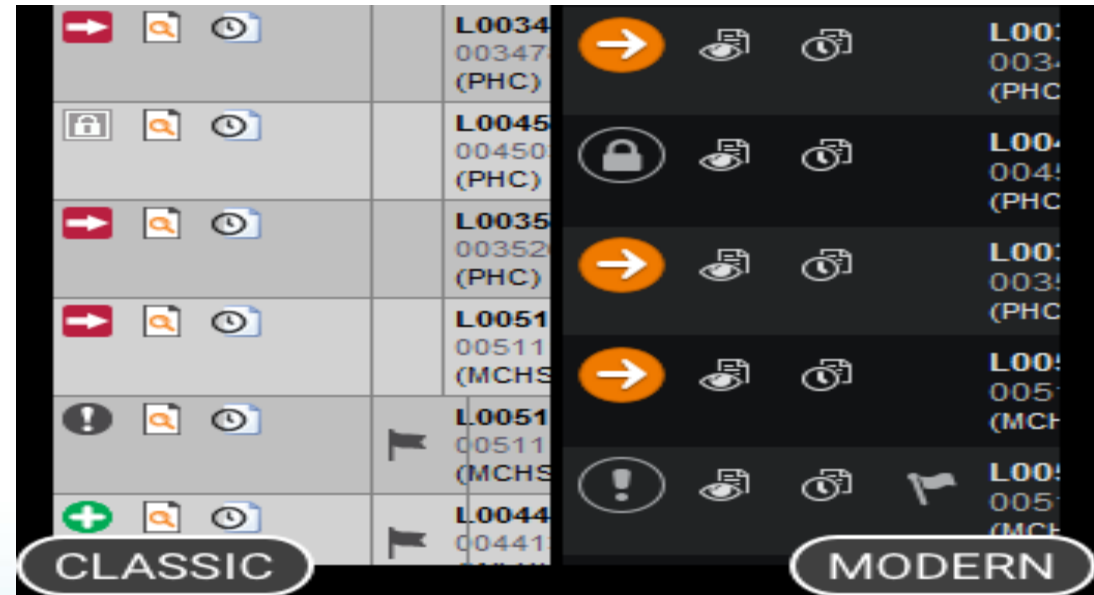
- PRIORS - SAME BODY PART:** Contains a report entry for 'MA - DIGITAL SCREENING BILATERA MAMMOGRAM WITH CAD' with an eye icon being hovered over by a mouse cursor.
- ASSIST:** A section header.
- EXAMS:** Contains a report entry for 'MAMMOGRAM WITH CAD'.
- TEMPLATES:** Lists various templates such as '1. System Default', '2. FLU', '3. FLU-13201Test', etc.
- MACROS:** Lists various macros such as '1. a2', '2. a3', '3. body', etc.

Streamlined worklists

Action buttons are larger, making them easier to see and click. Actions are also separated into a primary action and secondary actions, with primary actions made larger for quick recognition and easy selection.



Job statuses are shown with large icons before action buttons to make it clearer what you can do with a particular job.



General Improvements

- One of the core improvements to any FFI upgrade is the upgrade to the recognizer package and evolution of Natural Language Understanding (NLU). Recognizers will be updated to AMCC 21.03.03.12 + AME 20.12.00.5 (to match 4.33 client components) Version 4.30 has been patched with 4.33 recognizer upgrade.
- Improvement to Client Updater to retry on network failure so that remote users have time to connect over VPN
Improvement to client update process for users working remotely over VPN connections.
- Added support for multiline field choices in voice activated fields.
- Added a user customization for cursor sizing so that users can increase the cursor size, making it more visible.
- Reduced padding of the templates/macros/exams panels to allow the user to see more templates and macros.
- Updated all projects to .NET Framework 4.6.2 for enhanced security.
- Improved performance of the query used to display completed job counts, and compile active jobs list.
- Added ability to import FFI personal or system templates from a CSV file and allows export of system/personal templates as either CSV files or Text files (in a read-only format). This allows users to take templates with them when they change facilities.
- New voice command, that can also be mapped to a SpeechMike button, "impress that." With this command, users can copy highlighted text from the Findings section of a report and copy it to the Impression section as a numbered list.

6. ED Discrepancy

Propose adding a new drop down for ED physicians to document preliminary diagnosis with less clicks.

Study - Jul 21- 21, 12:39 PM

Chest PA/Lat (x091)

Clinical info

Ordering department VC-Radiology Order priority Routine

Task priority Routine Ordering physician

Order date/time Jul 21- 21, 12:39 PM Study date/time Jul 21- 21, 12:39 PM

Performing department VH Level 2 Modality types DX, CR

Accession number Number of images 2 Local Patient ID (MRN)

ER Physician Preliminary Diagnosis

ER Physician/Radiologist Comm

ER Discrepancy - Keyword Workflow

- Dislocation
- Effusion
- Fracture
- Mass
- Will Acute
- Obstruction
- Pneumonia

Additional Order Information

Procedure name

Body parts CHEST

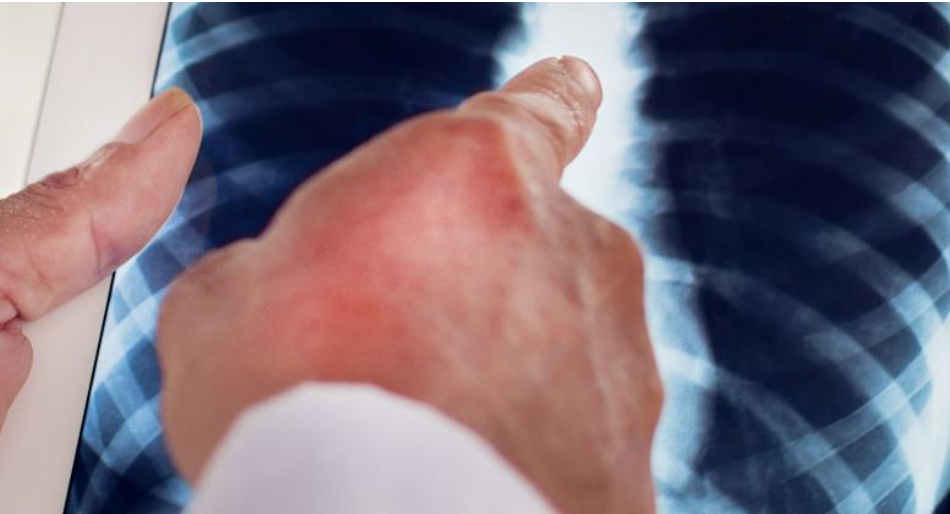
Patient type at acquisition O Patient location at acquisition V-WXY (LHSC-VC) Acquisition room VHLVL2

Select all Clear

7. RoundTable



Next Meeting



- Tuesday September 28, 2021



Thank You!

GENERAL INQUIRIES

 **SWODIN Head Office**

The Stiller Centre
700 Collip Circle
London, Ontario
N6G 4X8


 swodin@lhsc.on.ca

FOR SERVICE ISSUE OR TECHNICAL SUPPORT

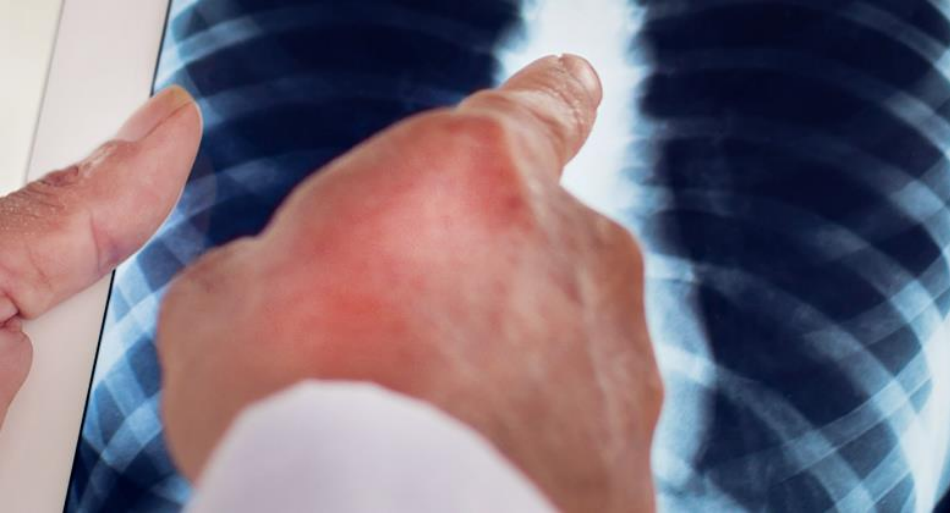
 **London Regional Helpdesk**

519-685-8335
1-877-465-7167 ext. 44357 (4HELP)

Non-Urgent Inquiries or Requests

 helpdesk@lhsc.on.ca

Issue Escalation



- Continue to email SWOPACSCRITICAL@lhsc.on.ca for **critical issues only (system unavailable)**
- Continue to email the LHSC Helpdesk and email for non-critical PACS support. Please do not text or email individuals directly

QC Housekeeping

REMINDERS:

1. **DO NOT Delete the entire study in PACS. DO NOT USE DELETE ALL IMAGES.**

ENSURE THIS IS COMMUNICATED TO YOUR SUPER USERS!!

1. Deleting the entire study creates a KO for that exam
2. Once this exam falls off line and users try to pre-fetch the study, it will apply the KO, and the images will not display in Enterprise Imaging.
3. This is happening because the study has the same SUID as the original that was deleted.
4. Due to potential for downstream effects of the delete function in PACS, all System Admins and Super Users must follow one of the two options provided for deletion QC.
5. Do not delete the entire study; use 'Split' to move the series requiring deletion into a dummy exam.
6. Send to Gearview/RA600 create new SUID, and then send to PACS.

2. **SPF Accessions** – Reminder to your teams (technologists) to NOT scan documents to the SPF accessions

3. Maintain and keep up to date with **site specific QC queues AND system wide QC queues**

PACS QC

- Junk Files- Archived
- Hanging Protocols- Clean up
- Reminder- Daily QC-System Admin Clean up – will resend communication from previous year
 - Routine QC
 - Reading Completed – no report in EI
 - Reading tasks uncompleted/unassigned
 - Sign off tasks uncompleted/unassigned
 - Acquisition completed by Administrator missing URL
 - Acquisition Tasks Expired
 - Cancelled exams with images