Preparation Work for Migration of the Pilot to eHR (Business)

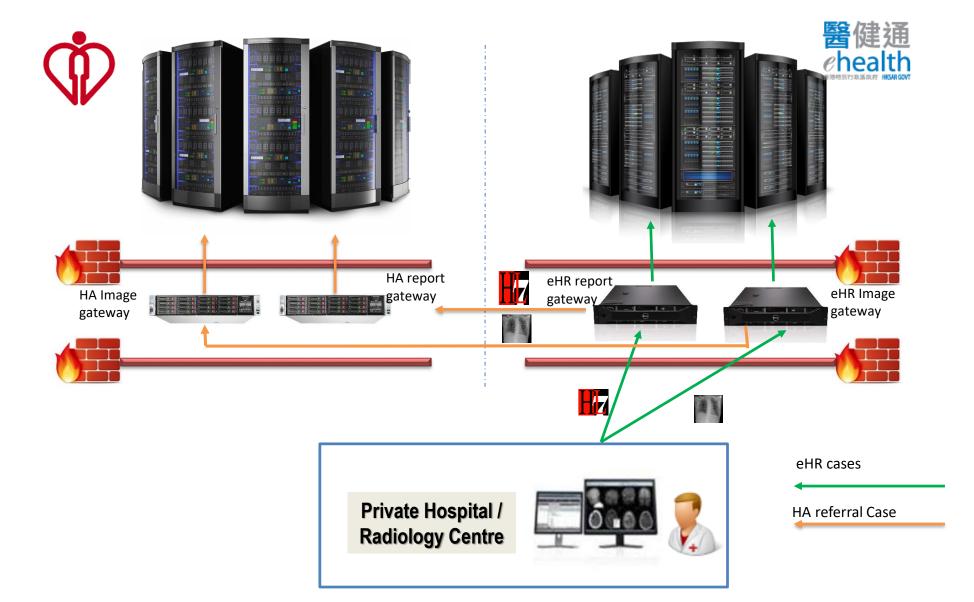
Forum on "Migration of Radiology Image Sharing Pilot to eHRSS Radiology Image Sharing"

20 Jun 2019





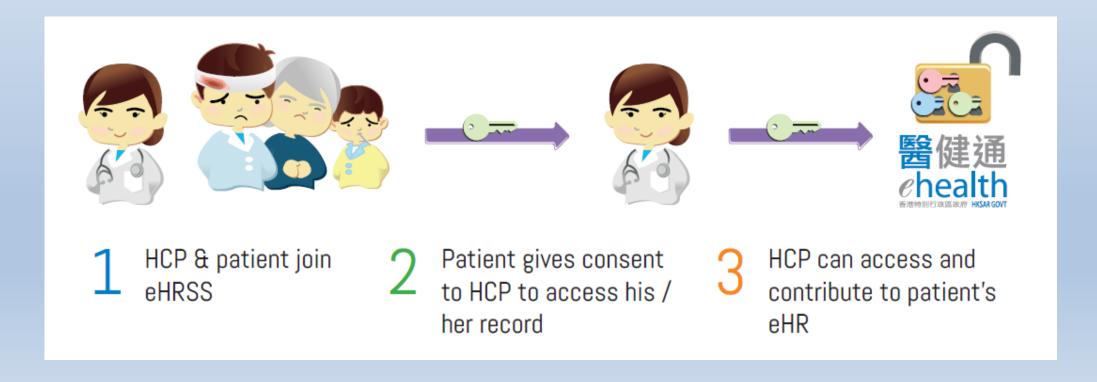
Direction: All cases sent to eHR > HA referred cases will be provided to HA



Workflow changes

1. Prerequisites for data sharing for eHRSS

- A. Join eHR as Health Care Provider (HCP)
- B. Health Care Recipient (HCR)/patient must join eHRSS
- C. HCP build sharing consent with HCR



A. Join as HCP (Registration)

Read

- Conditions of registration
- Code of practice



Prepare

- Business Registration
 Certificate
- Practicing Certificate of HCProf

Complete

HCP registration form



B. HCR must join eHRSS

1. When patient make appointment

- Remind patients to join eHR by:
 - > Attend HA, DH, private hospital eHR RC, eHR RO
 - ➤ Post/fax
 - ➤ Online application















2. When patient arrive for exam

- Help to join eHRSS (private hospitals)
- Assist to submit online application
- Record Activation (for online/post/fax application)

C. HCP build Sharing consent with HCR

1. When patient make appointment

- Remind patient to give sharing consent by:
 - ≥ 24-hour patient hotline (3467 6300)
 - > Attend HA, DH, private hospital eHR RC, eHR RO
 - By provide 8-digit Access Key

2. When patient arrive for exam

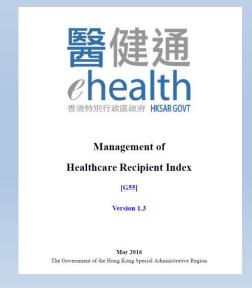
- Use patient's ID or Access key to build consent
- With sharing consent, no need to sign consent with patients for sending radi exams to eHRSS



2. Information to capture in local system

- Radi Image Sharing Pilot: Four major keys for HA cases
- For eHR data sharing, HCP should:
 - A. Capture Healthcare Recipient Index (HRI)
 - ➤ Major key identifiers: English name, sex, DOB, HKIC (or document type + document No.)
 - > eHR number
 - Can reference to eHR Info Standard Doc (Management of Healthcare Recipient Index)

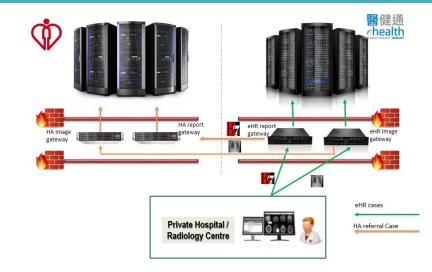




Information to capture in local system

To identify HA referred case, HCP should:

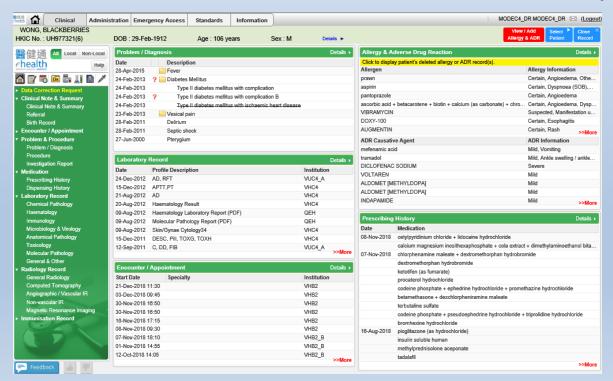
- B. Capture Referrer's information (HA)
 - To identify referred cases, local system should capture referring HCP's information in local system(Registration/RIS)
 - ➤ The request number can be captured from HA request form



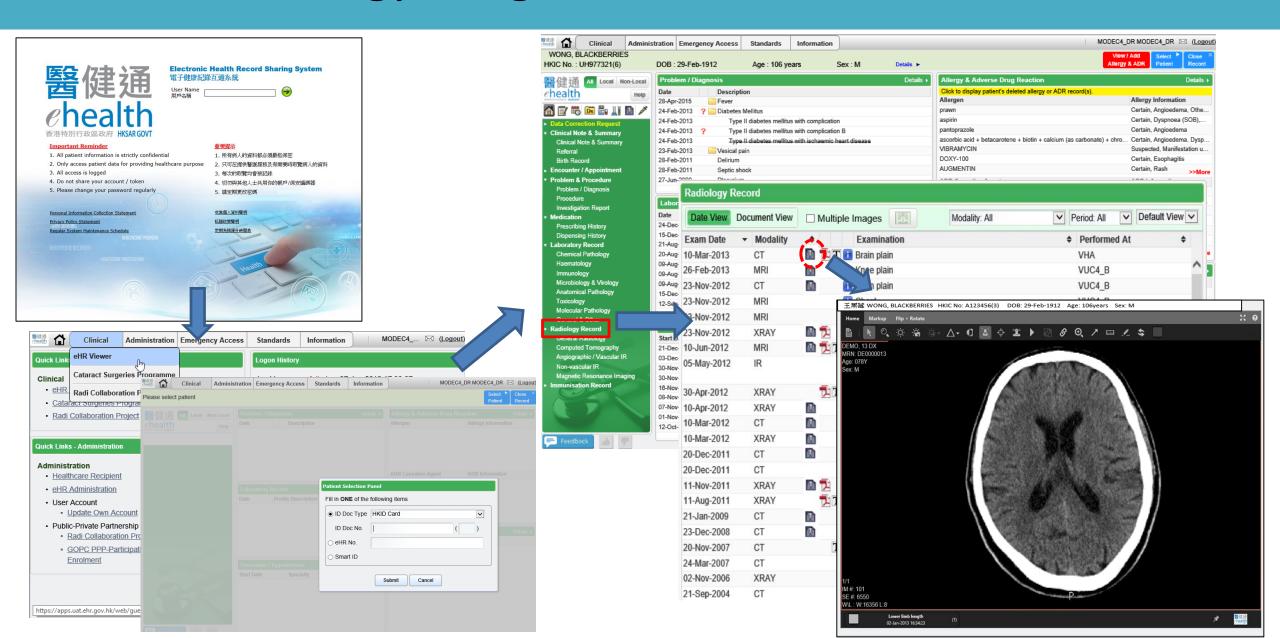


3. View other information/radi exams in eHRSS

- Radi Image Sharing Pilot: Only HA users can view radi exam from private
- For eHR radi image sharing: Radiologists can view others' radiology exam data in eHRSS
 - > Can incorporate in current workflow to facilitate reporting



To View Radiology Images in eHR Viewer

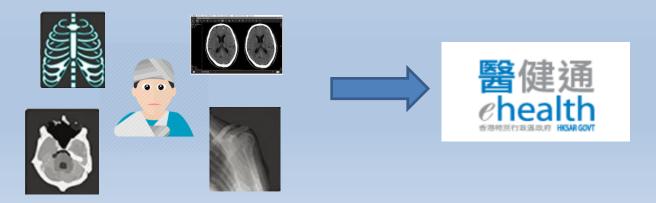


4. Send all cases of HCR to eHRSS

Radi Image Sharing Pilot: Only the referred case is sent to HA



 eHR Radi Image Sharing: All cases of HCR will be sent to eHRSS (include HA referred case)



Work for sending all cases of HCR to eHRSS

- 1. Identify eHR HCR (Captured in registration/RIS system)
- 2. Comply standard of eHR for sharing Radiology Examination
- 3. Arrangement for sending data to eHRSS (frequency/ time for sending)





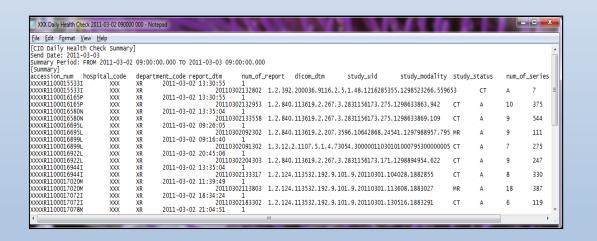




5. Check sent out cases in eHR Inbox

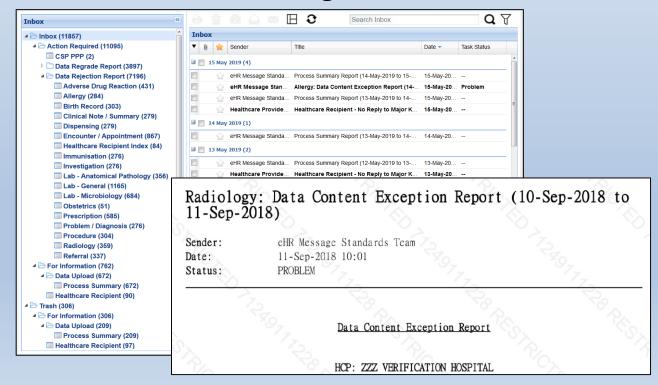
Radi Image Sharing Pilot

 An email is sent the next day for daily health check of cases



eHR Radi Image Sharing

- HCP check eHR Inbox for Process Summary +Rejection Report
- If use eHR software to send report to eHR,
 HCP can check the log



6. Initial load consideration

- eHRSS support upload HCR's radi images of recent 2 years
- Considerations:
 - Readiness of images (e.g. availability)
 - Technical work
 - Arrangement



Summary of changes



	Radi Image Sharing Pilot	eHRSS Radi Image Sharing
1.	Joining Radiology image sharing pilot	Joining eHRSS
2.	Sign consent form in the institution with HA patients	Build sharing consent with patients to allow data sharing in eHRSS
3.	HA referral case is sent to HA	All cases will be sent to eHR (including HA referral case)
4.	Radi report and Image are shown in HA (view by HA users)	Radi report and Image will be shown in eHRSS and HA (View by eHR and HA users)
5.	Receive daily report by email to check transaction of previous day	Check in eHR Inbox for sent out cases

Good practice for sharing radiology data

Lesson learnt from Radi Image Sharing Pilot

Some incidents found in Pilot:

- 1. Mix up reports and images
 - > Human error, use same file names, reuse accession number



- Human error by copy and paste of record
- 3. Poor data quality
 - No testing on new equipment
- 4. Report/image cannot be sent to HA system
 - > Staff turnover, lack of training
 - Switching of local server, configuration issues





Advice about good practice for sharing data ()



- Quality Control process before sending data
- 2. System automation for sending data
- 3. Strictly follow report & Image data requirements (DICOM conformance, accession no. format)
- 4. Monitor process summary and handle rejected reports/images promptly
- 5. Staff training for scenarios in sending gateway (esp. Staff turnover)
- 6. Early inform eHR for any technical issues may affect the interface (e.g. Change of scanning equipment/system)
- 7. Regular upgrade on system to maintain security

Chank you



