

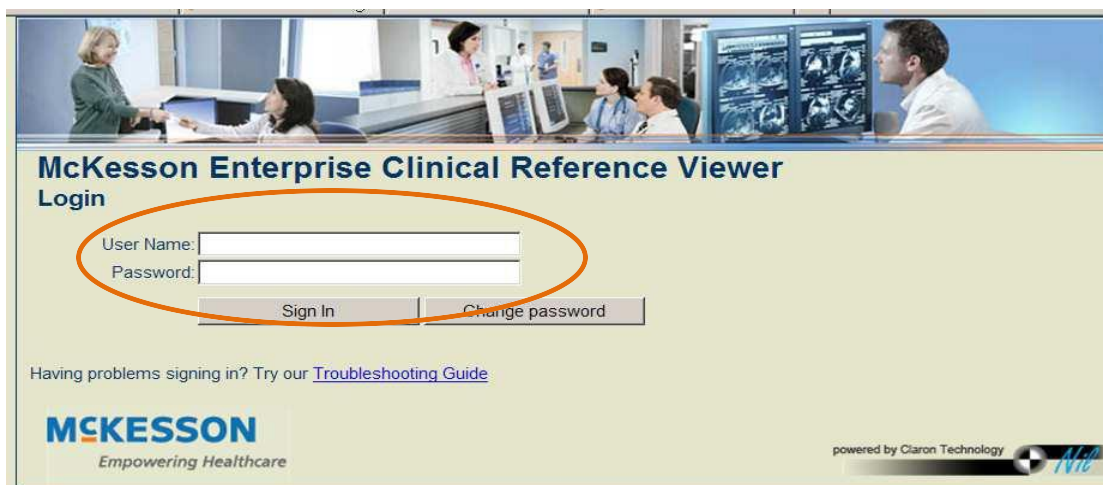
San Luis Diagnostic Center

McKesson Clinical Reference Viewer Quick Start Guide

McKesson Clinical Reference Viewer is zero-footprint viewer (nothing to download or install), allowing radiologists, referring physicians and non-radiology specialists to access non-diagnostic patient images and reports. *McKesson Clinical Reference Viewer* is supported on:

- ☐ Desktop:
 - Microsoft Windows
 - Apple Macintosh
- ☐ Mobile Devices:
 - Apple iPad
 - Android
- ☐ Browsers:
 - Internet Explorer
 - Safari
 - Chrome
 - Firefox

To access *McKesson Clinical Reference Viewer*, open a web browser and type <https://sldcrv.dignityhealth.org/MckessonEmiCrv/login.aspx> in the address field. Login with your username and password.




McKesson Enterprise Clinical Reference Viewer
Login

User Name:
Password:

Having problems signing in? Try our [Troubleshooting Guide](#)

McKESSON
Empowering Healthcare

powered by Claron Technology 

1. A Study List will appear allowing you to select from a drop down menu one of the following Lists: Unreported Studies, Reported Studies, Dictated Studies or Transcribed Studies.

Study List

Display By

Search By

Study Status

Unreported Studies
Unreported Studies
Reported Studies
Dictated Studies
Transcribed Studies

Performed Period

800 Days

	Patient ID	Performed On	Patient Date of Birth
Art, Gris	556644(AHC)	24-Oct-2011 12:48	
Art, Matisse	993366(AHC)	24-Oct-2011 12:50	

3. Change the time frame to broaden your results.

Display By

Search By

Study Status

Unreported Studies

Performed Period

800 Days

	Patient Full Name	Patient ID
	Art, Gris	556644(AHC)
	Art, Matisse	993366(AHC)

If you would like to search for a specific patient, click or tap on the **Search By** tab.

4. When using the *Search By* tab on a non-tablet device, you can search for a specific patient by **Patient Name**, **Patient ID** (Medical Record Number), **Patient Date of Birth**, and/or **Accession Number**. Type in the search data in the appropriate fields and click on the **Search** button to update your list.

Display By Search By

Patient Last Name: jackson
Patient First Name: oph
Patient ID:
Patient Date of Birth: dd-MMM-yyyy
Accession Number:
[Additional Search Options](#) **Search** **Clear**

	Patient Full Name	Patient ID	Performed On	Patient Date of Birth	Modality
	Jackson, Ophelia	055617(AHC)	28-Nov-2010 01:11	12-Mar-1926	DX
	Jackson, Ophelia	055617(AHC)	28-Nov-2010 01:11	12-Mar-1926	MG

- To broaden the search on a non-tablet device, click the **Additional Search Options** drop down menu.

Patient Last Name: jackson
Referring Physician Last Name:
Exam Date Range: from dd-MMM-yyyy to dd-MMM-yyyy
Patient First Name: oph
Referring Physician First Name:
Patient ID:
Patient Location: All
Body Region: All
Patient Date of Birth: dd-MMM-yyyy
Modality: All
Accession Number:
Work Group: All
[Additional Search Options](#) **Search** **Clear**

	Patient Full Name	Patient ID	Performed On	Patient Date of Birth	Modality	
	Jackson, Ophelia	055617(AHC)	28-Nov-2010 01:11	12-Mar-1926	DX	DX
	Jackson, Ophelia	055617(AHC)	28-Nov-2010 01:11	12-Mar-1926	MG	MG
	Jackson, Ophelia	055617(AHC)	27-Nov-2010 01:11	12-Mar-1926	DX	DX
	Jackson, Ophelia	055617(AHC)	22-Nov-2010 01:11	12-Mar-1926	CT	CT

Alternatively, on a tablet device, tap on the **Search By** tab, enter the patients “Last, First Name,” and tap on Search.

The screenshot shows the McKesson Radiology search interface. At the top, there are tabs for 'Display By' and 'Search By'. The 'Search By' tab is selected. Below the tabs, there is a search input field containing the text 'Jackson', a 'Search' button, and an 'Advanced' button. The search results are displayed in a list format, showing patient information, study details, and dates. The results are as follows:

Study Type	Date
DX	28-Nov-2010
MG	28-Nov-2010
DX	27-Nov-2010
CT	22-Nov-2010
DX	20-Nov-2009
NM	20-Mar-2009

Tap on the **Advanced** button to specify additional search filters to limit the scope of the listed studies.

5. All patient matches and the patient’s studies will display. Click or tap on the study to view images. Images will begin loading.

- Once the study has loaded, you can click or tap on the **Patient Portfolio** tab to display the patients prior reports and scanned documents

Jackson, Ophelia (12-Mar-1926) ID:055617(AHC)
DX Chest 2 View, DX, 28-Nov-2010 01:11

Patient Portfolio (1) **Flagged Images (1)** All Images (2) View Patient's Other Studies... [Launch Full-Feature Image Viewer](#)

Documents for Jackson, Ophelia ID:055617(AHC)

- Patient Information**
- 28-Nov-2010 01:11 DX DX Chest 2 View
 - CR Chest
- 28-Nov-2010 01:11 MG MG Screening Bilateral
 - SCREENING BILATERAL MAMMOGRAM W/CAD
- 27-Nov-2010 01:11 DX DX Chest 2 View
- 22-Nov-2010 01:11 CT CT Sinuses
- 20-Nov-2009 01:11 DX DX Chest 2 View
- 20-Mar-2009 04:55 NM NM MIBI R/S
- 03-Jan-2007 01:11 DX DX Chest 2 View
- 15-Jan-2004 01:11 CT CT Abdo w

Final Report CR Chest

Show Printer-Friendly Version with Image (1 of 1)
 Show Printer-Friendly Version without images

EXAM# TYPE/EXAM RESULT
 001486405 RAD.CHEST 2 VIEWS*

CLINICAL HISTORY:

There has been no change since last exam. There are no nodules or infiltrates in either lung. The heart and mediastinum are normal in size and contour. There is no pleural effusion. There is mild degenerative joint disease in the mid and lower thoracic spine.

IMPRESSION:

1. NO CHANGE SINCE LAST EXAM.
2. MILD DJD OF THE DORSAL SPINE.
3. NO ADDITIONAL ABNORMALITY.

Signed by: Demonstro, Diane Signed on: 09-Nov-2009 10:23

Select the document (e.g. reports) of interest by clicking or tapping on it.

- If the study has flagged images, to view all flagged images within a study, click or tap on the **Flagged Images** tab.

Jackson, Ophelia (12-Mar-1926) ID:055617(AHC)
DX Chest 2 View, DX, 28-Nov-2010 01:11

Patient Portfolio (1) **Flagged Images (1)** All Images (2) View Patient's Other Studies... [Launch Full-Feature Image Viewer](#)

Documents for Jackson, Ophelia ID:055617(AHC)

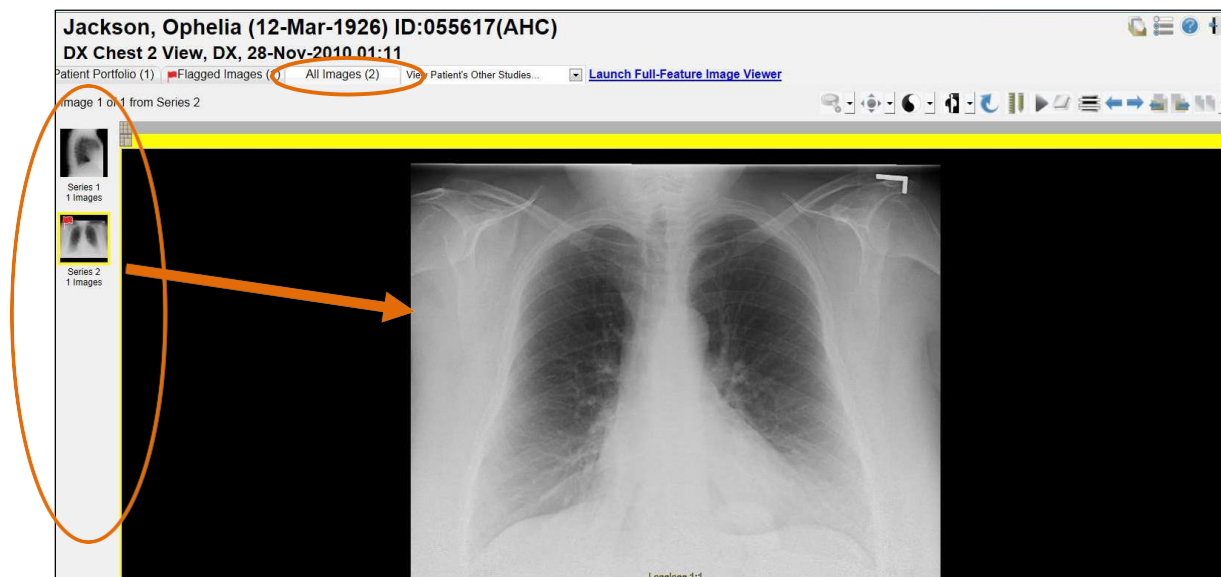
- Patient Information**
- 28-Nov-2010 01:11 DX DX Chest 2 View

Final Report CR Chest

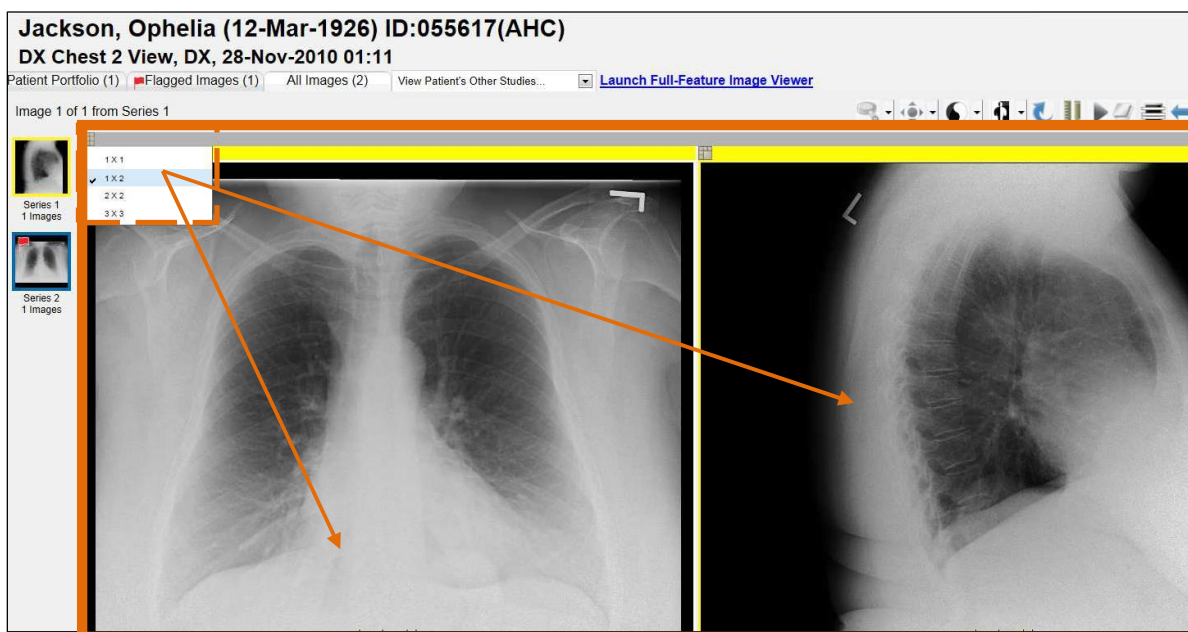
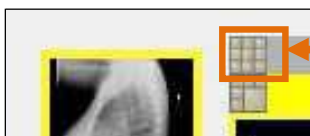
Show Printer-Friendly Version with Image (1 of 1)
 Show Printer-Friendly Version without images

- To view all the images within the study click or tap on the **All Images** tab.

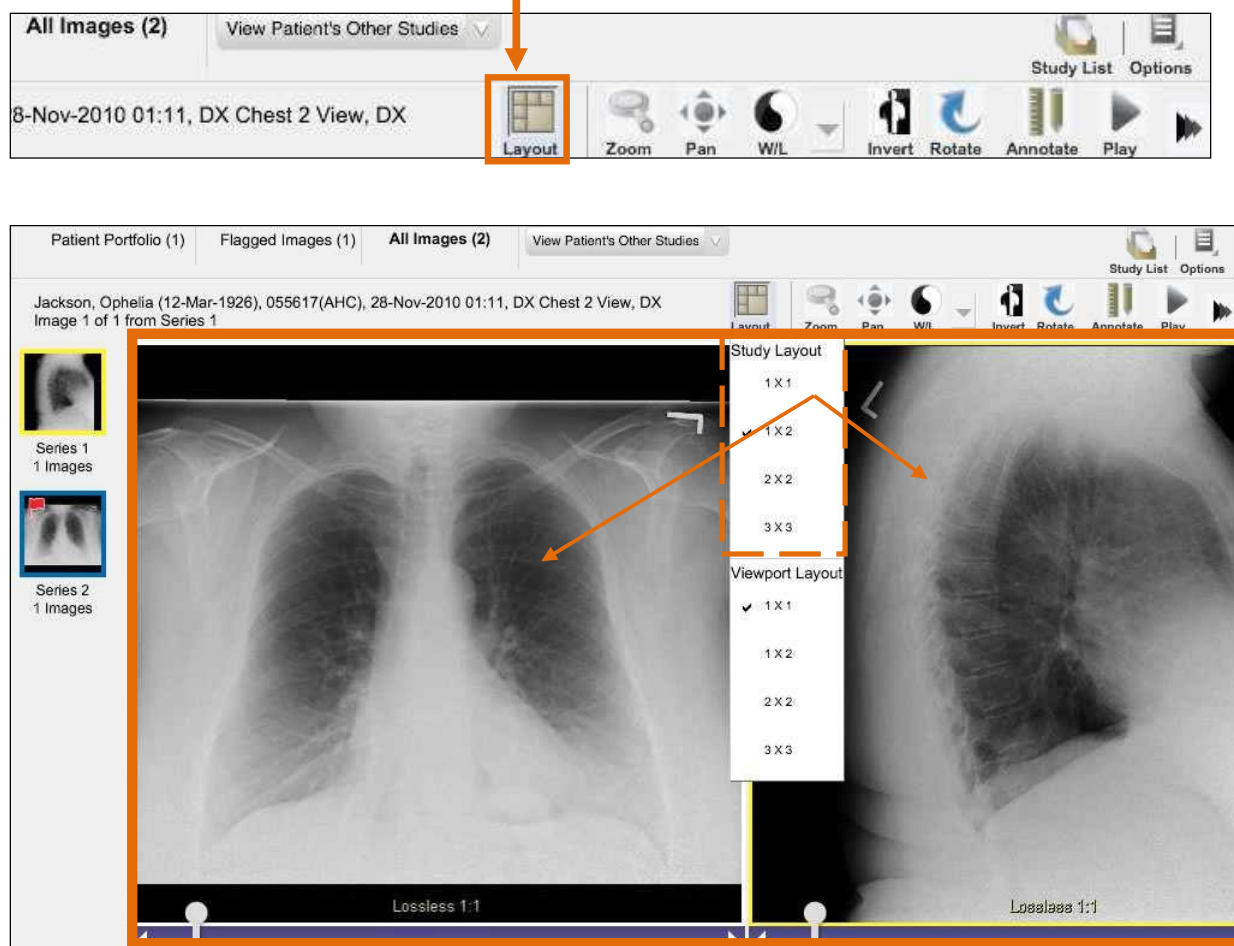
9. On non-tablet devices, once images for the study have been loaded, you can view any of the smaller thumbnail representation of the images by clicking and dragging it into a viewport. For tablet devices, tap on the viewport to select it and then tap on the desired thumbnail that you wish to display.



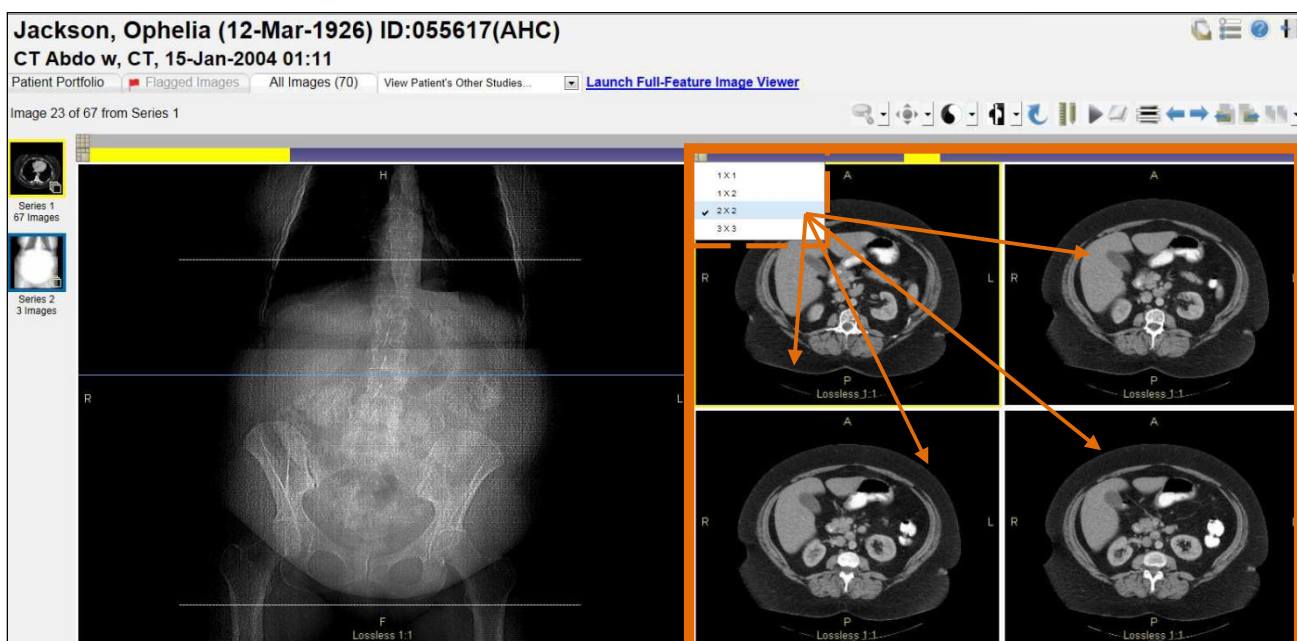
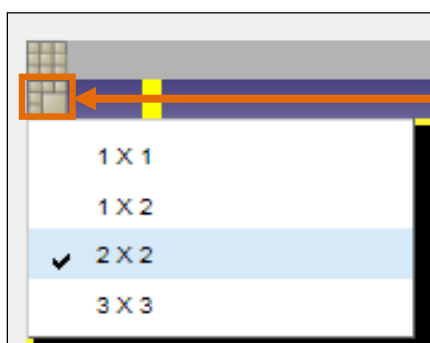
10. For non-tablet devices, to change the number of viewports displayed on your screen, click on the **Study Layout** button on the top left hand corner of the viewport(s) and click one of the four display options.



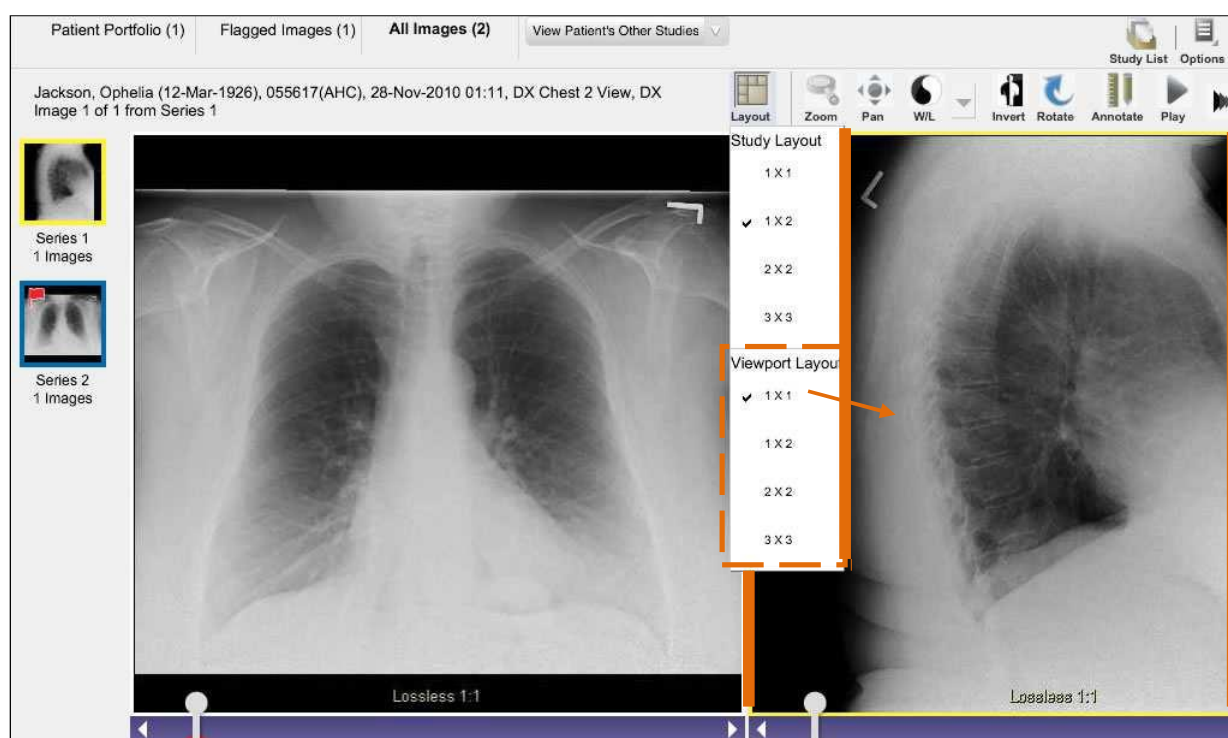
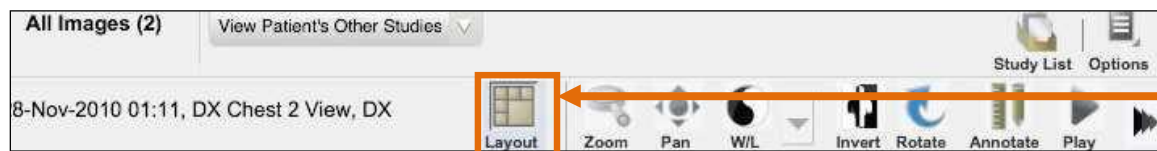
On a tablet device, tap on the **Layout** button in the Main Toolbar, and below the *Study Layout* section, tap on one of the four options.



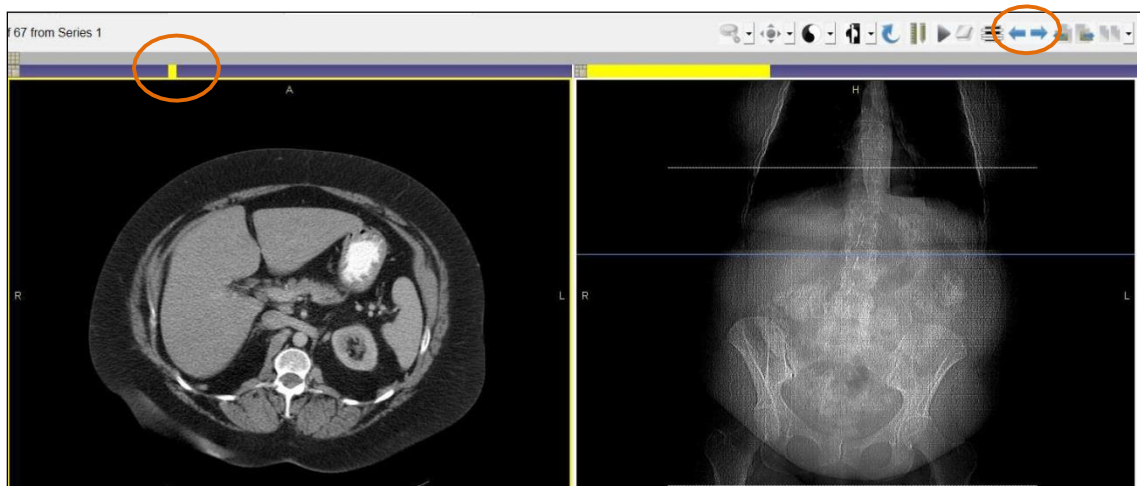
- For non-tablet devices, to adjust the number of images displayed in a viewport, you can tile images of a series by clicking on the **Viewport Layout** button on the top left hand corner of the viewport and click on one of the four options.



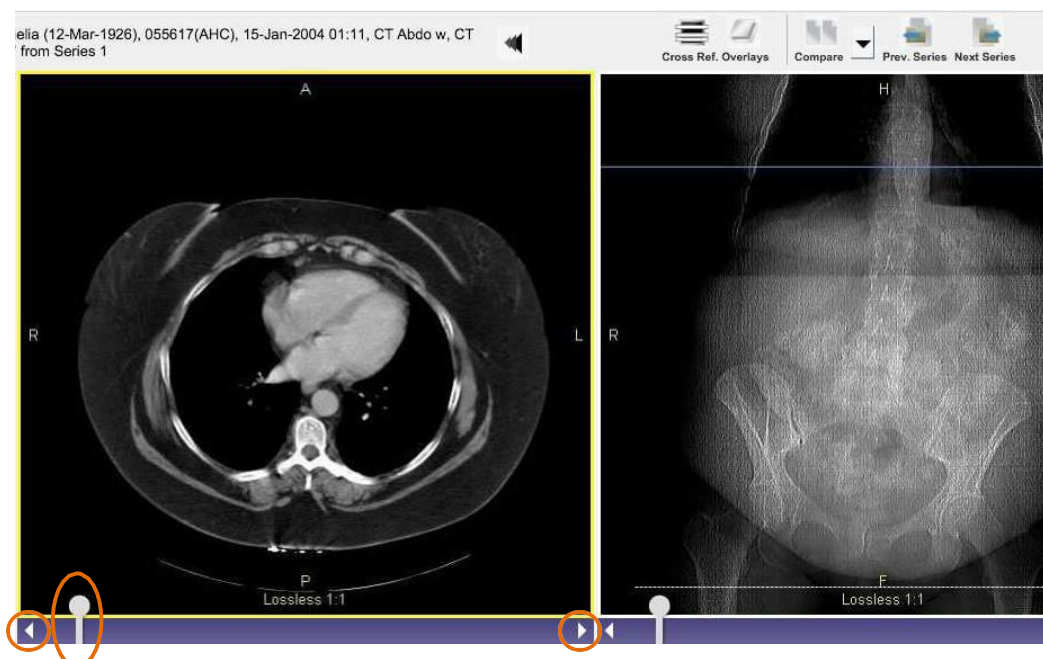
On a tablet device, to adjust the number of images displayed in a viewport, tap on the **Layout** button on the Main Tool Bar and below the *Viewport Layout* section tap on one of the four options.



















12. To scroll through a series, on a non-tablet device, you can do one of the following actions:
- Scroll using your *mouse wheel* over the series of interest
 - Click on the **Next Image** or **Previous Image** button on the Main Tool Bar
 - On the *yellow chit* above the series, click and drag your mouse to the left or right direction along the bar



- Alternatively, on a tablet device, to scroll through a series you can do one of the following actions:
- Tap on the viewport containing the series of interest and drag your finger down or up
 - Tap on the *arrows* at the bottom of the viewport
 - On the *grey tab* at the bottom of the viewport, drag the tab to the left or right direction along the bar



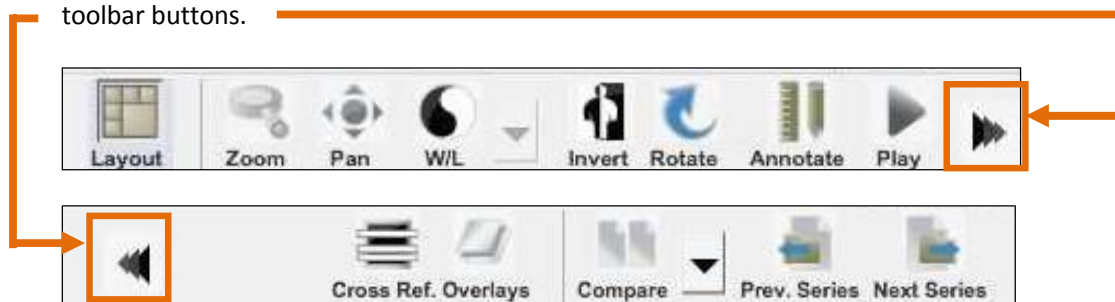
While in the *Image View*, the following table lists the *McKesson Clinical Reference Viewer* application Main toolbar image manipulation buttons:

Component	Description
	Zoom
	Pan
	Window and Level
	Invert
	Rotate
	Temporary Annotations
	Cine Loop
	Show Overlays
	Toggle Reference Marker
	Show Previous Image
	Show Next image
	Show Previous Series (Thumbnail)
	Next Series (Thumbnail)
	Compare Studies
	*Layout (Only available on the tablet main toolbar)
	*Arrows (Only available on the tablet main toolbar)

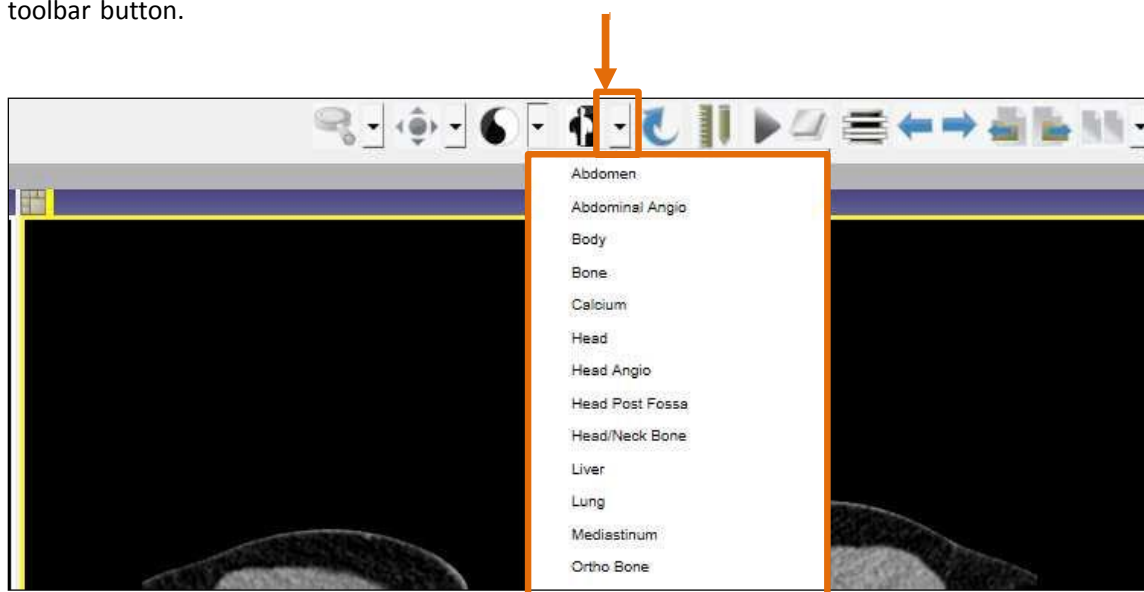
This is the Main toolbar displayed for a non-tablet device.



This is the Main Tool bar displayed for a tablet device. Select the black arrow to display additional Main toolbar buttons.



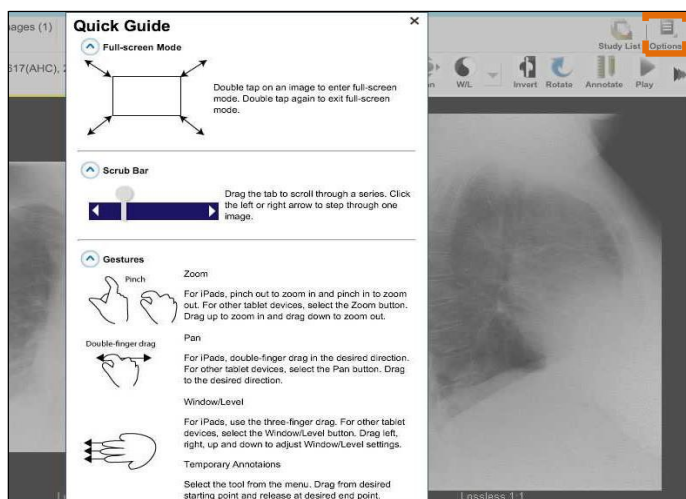
13. On non-tablet devices, to change the scope, click on the dropdown arrow to the right of the main toolbar button.



To change the scope on a tablet device, tap and hold the main toolbar icon. Tap on an option from the drop down menu.

Additionally, click or tap the Main Tool Bar Button of interest to activate an image manipulation function.

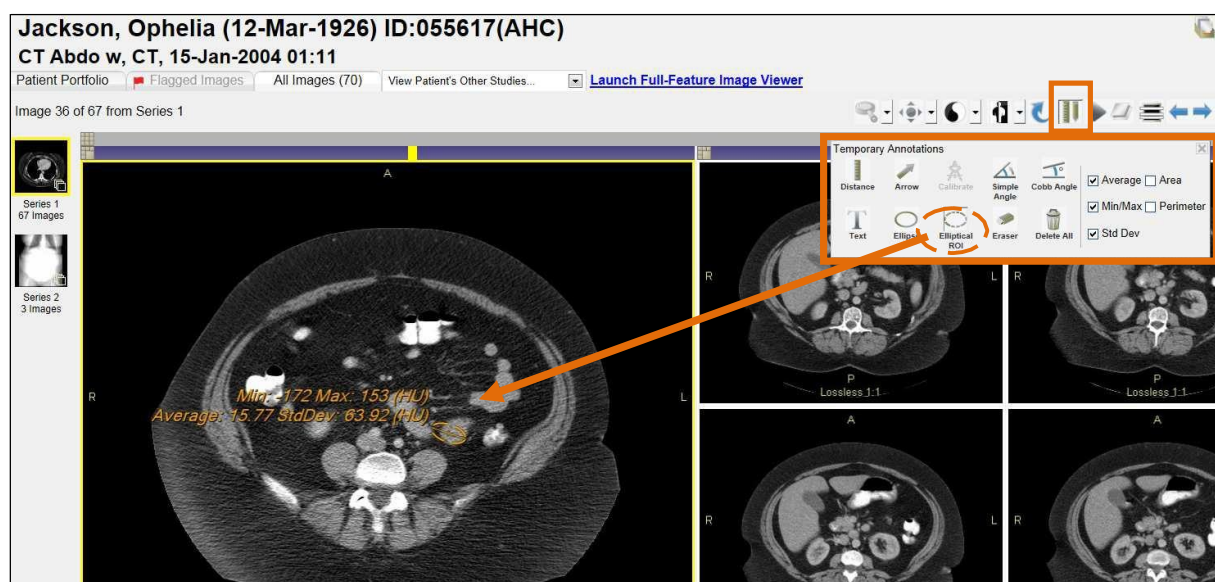
14. For non-tablet devices, when using the **Zoom, Pan or Window and Level** options, click and drag the mouse cursor over the image to interactively use these three functions. On a tablet device, tap on **Zoom, Pan or Window and Level** option and drag your figure over the image.



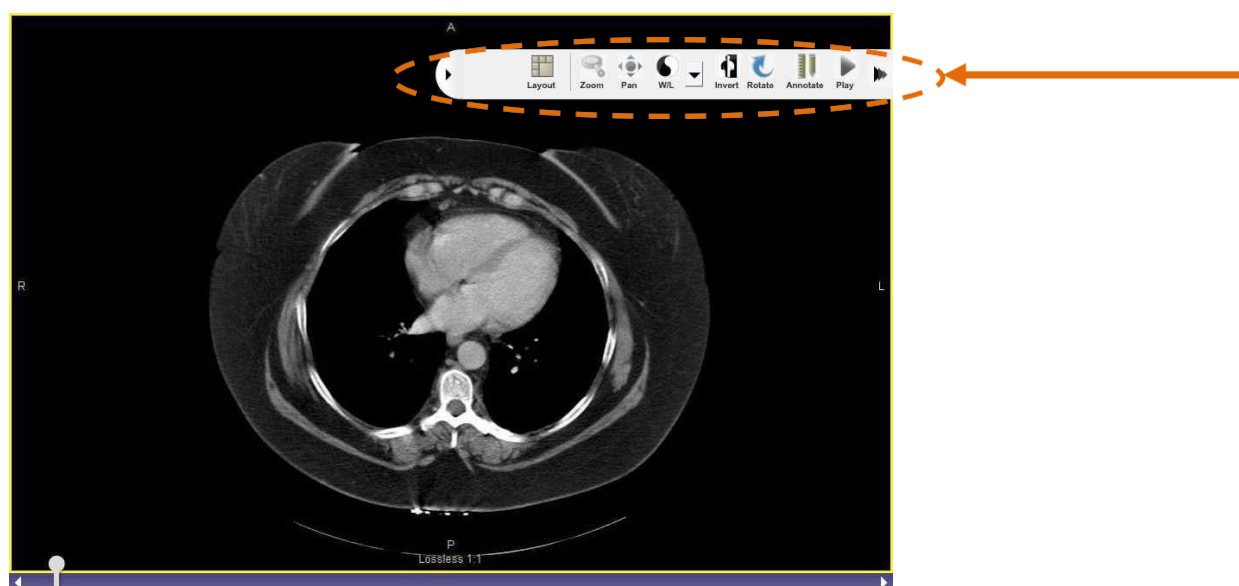
For multi-touch tablet devices, pinch or stretch your fingers over the image to zoom. With two fingers, drag the image in the direction of where you would like to pan. With three fingers drag left or right to window and level. Tap on the **Options** button in the top right hand corner on your tablet device and select **Quick Guide** for more information.



15. To access the measuring tools, click or tap on the **Annotate** button and select one of the measuring tools. Then click or tap and drag over the image to display the measurement.

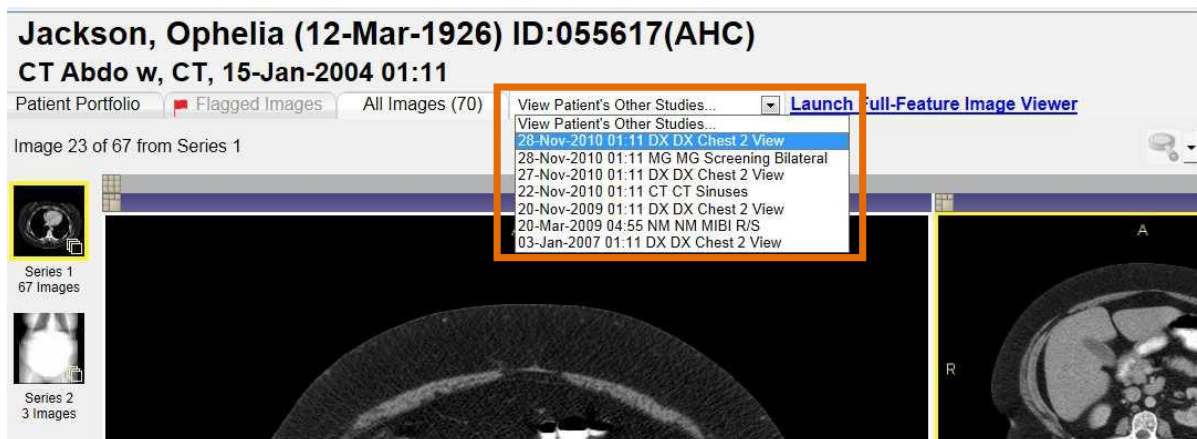


16. On a tablet device, to view the study in a *Full Screen Mode*, double tap the image/series in the viewport. Double tap again to exit *Full Screen Mode*.



17. Once in a *Full Screen Mode* on a tablet device, to hide the image manipulation toolbar, swipe the toolbar away from the screen. To display the toolbar away, swipe the toolbar into the screen.

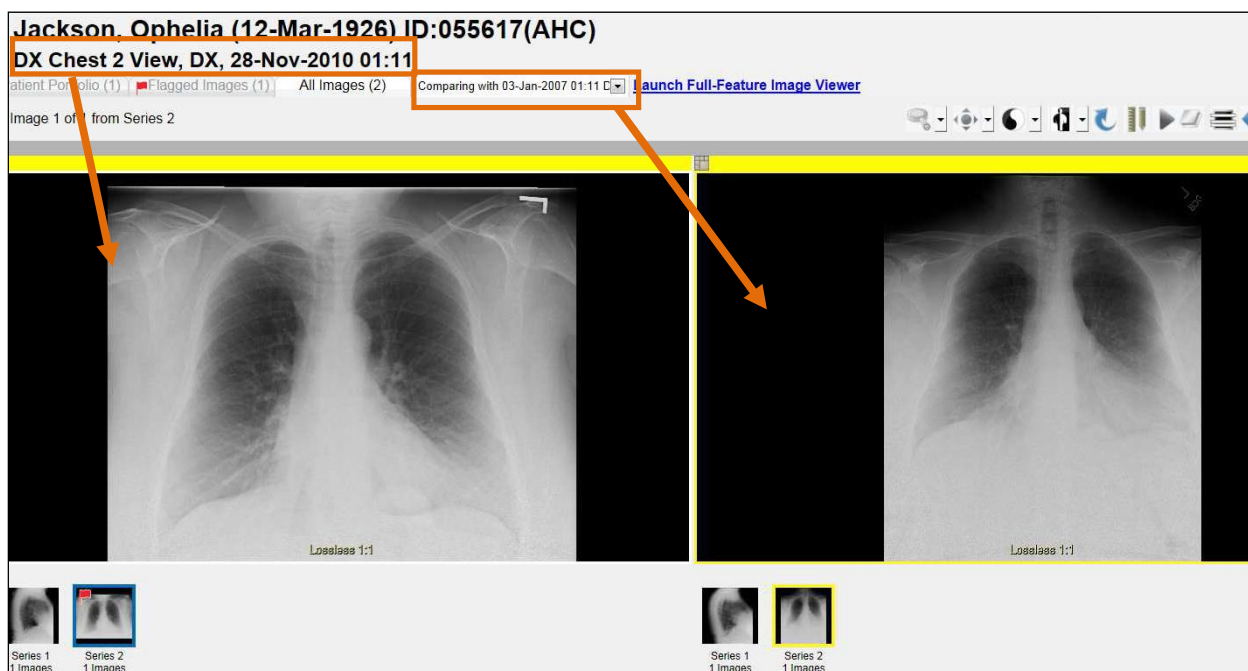
18. To access other studies for this patient, click or tap on the **View Patient's Other Studies** tab. Click or tap a study to view from the drop down list. The study selected will be displayed in the screen.



19. To compare an anchor and prior study side by side, click on the drop down button beside the **Compare Studies** button. Select the study you wish to display and compare.



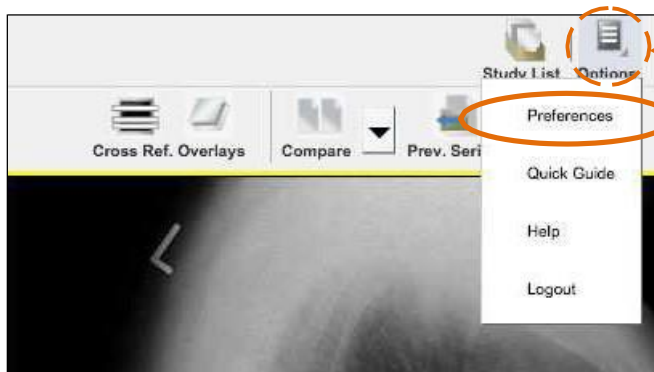
The current study will be displayed on the left viewport and the comparison study chosen will be displayed on the right viewport.



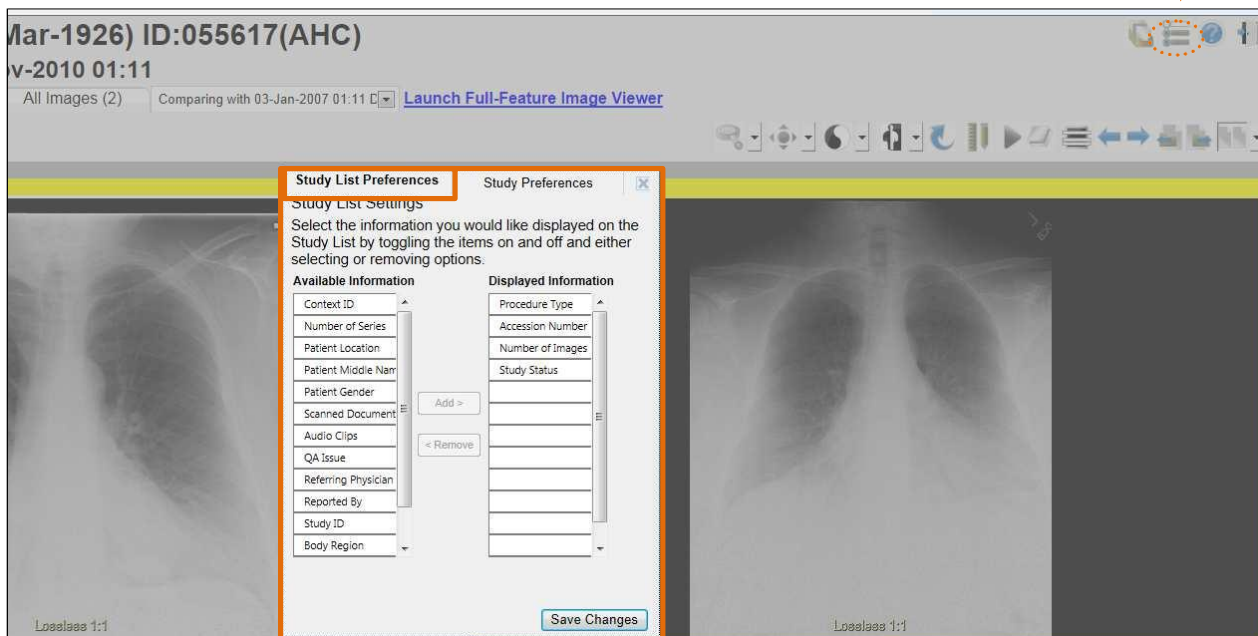
20. On a non-tablet device, to customize the Study List Setting or Start Page Settings, click on the **Preferences** button in the top right hand corner of your screen.



On a tablet device, tap on the **Options** button in the top right hand corner of your screen and tap on **Preferences** in the drop down menu.



21. Click or tap on the **Study List Preferences** tab to customize the **Study List Settings**. Add the columns to be displayed on the study list and click or tap on the **Save Changes** button.



22. To customize the Start Page and Image Page layout for each modality, click or tap on the **Study Preferences** tab.
23. Update as needed and click or tap on the **Save Changes** button. Then click or tap the **X** in the upper right hand corner to close the Preferences window.

Study List Preferences | **Study Preferences** [X]

Start Page
Select the start page you would like to open each study with.

Flagged Images | All Images | Patient Portfolio

Image Layout
The Image Layout preference determines the layout that each study will open on, based on the study's modality.

Modality: CR

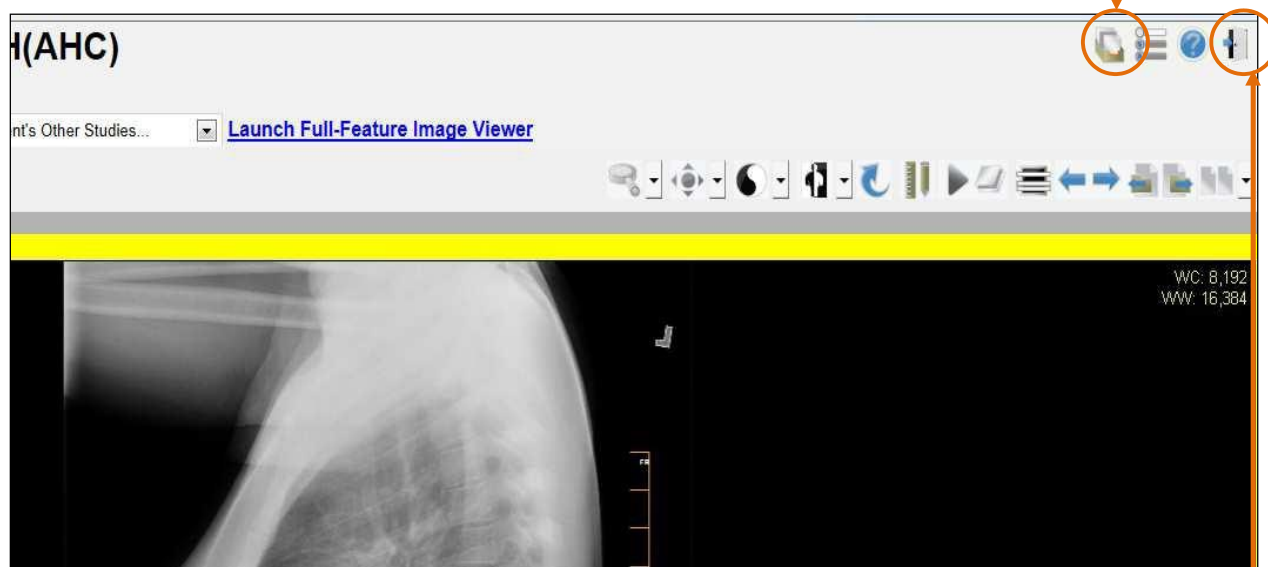
Layout Type: All Images Study Layout

Layout:

1 X 1 | 1 X 2 | 2 X 2 | 3 X 3

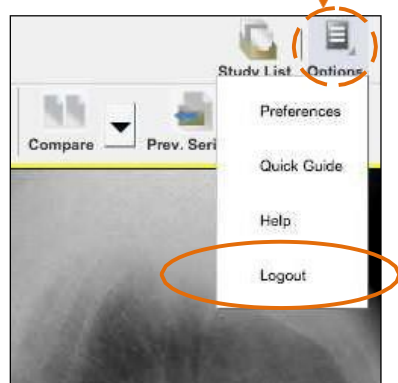
Save Changes

24. To close the study and return to the Study List, click or tap on the **Study List** button in the upper right hand corner of your screen.



25. On a non-tablet device, to exit the *McKesson Clinical Reference Viewer* application, click on the **Logout** button.

On a tablet device, to exit, tap on the **Options** button and tap on the **Logout** option in the drop down menu.



- ⑩ If you have any further questions or need additional support with respect to the application, please contact Michael Blankinship, PACS Administrator at (805) 542-6695 or Barbara Porcher, Market Development at (805) 450-3322.