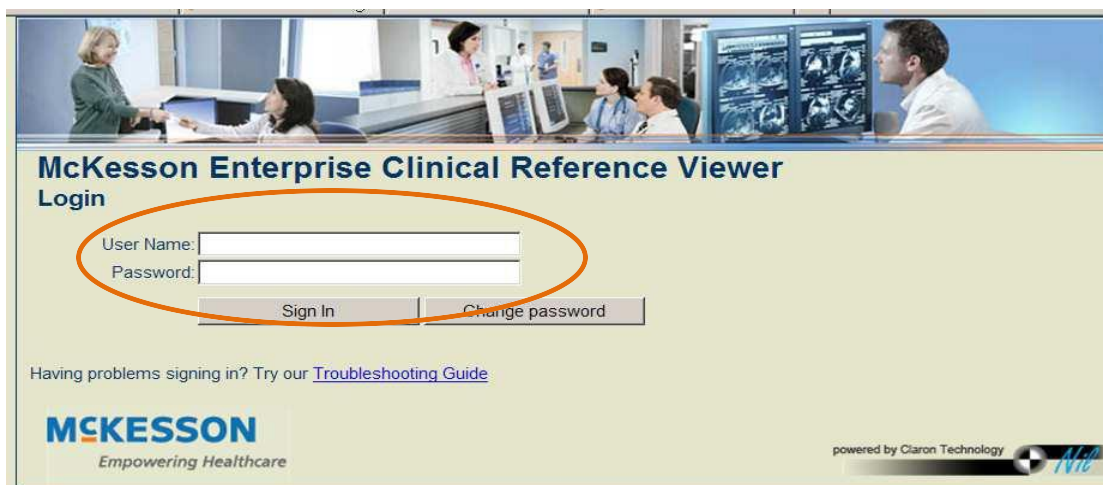# San Luis Diagnostic Center
McKesson Clinical Reference Viewer Quick Start Guide

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.

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.

3. Change the time frame to broaden your results.

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.

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

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

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.

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

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

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

8. 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.
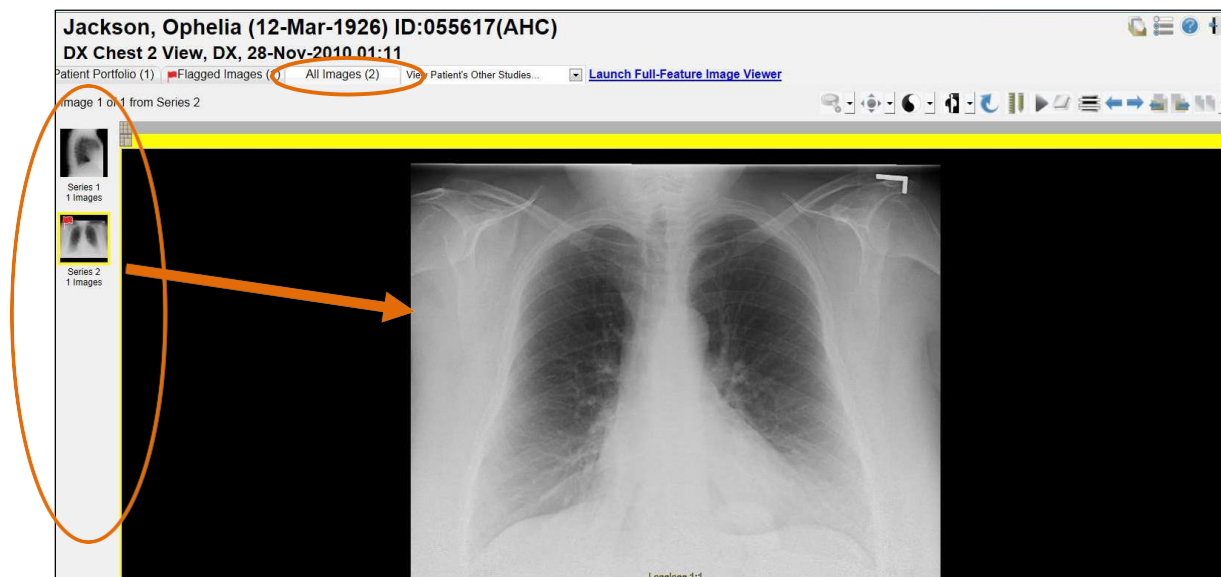
10. For non-tablet devices, to change the number of viewports displayed on your screen, click on the **Study Layout** button on the top left hand corner of the viewport(s) and click one of the four display options.
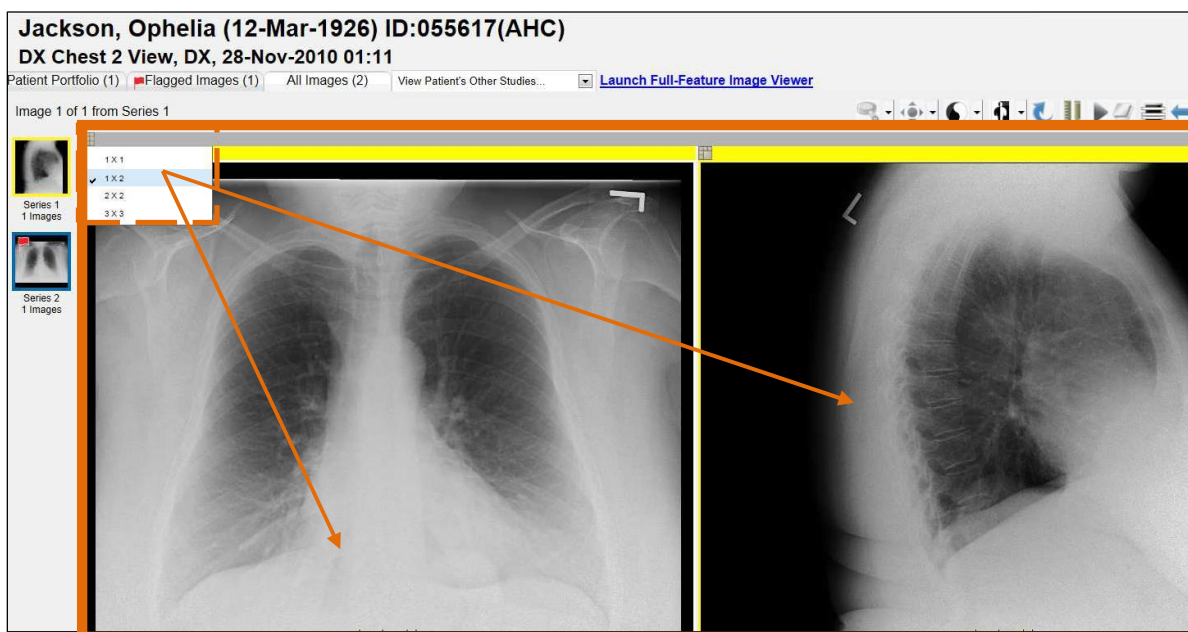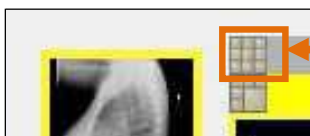
On a tablet device, tap on the **Layout** button in the Main Toolbar, and below the *Study Layout* section, tap on one of the four options.
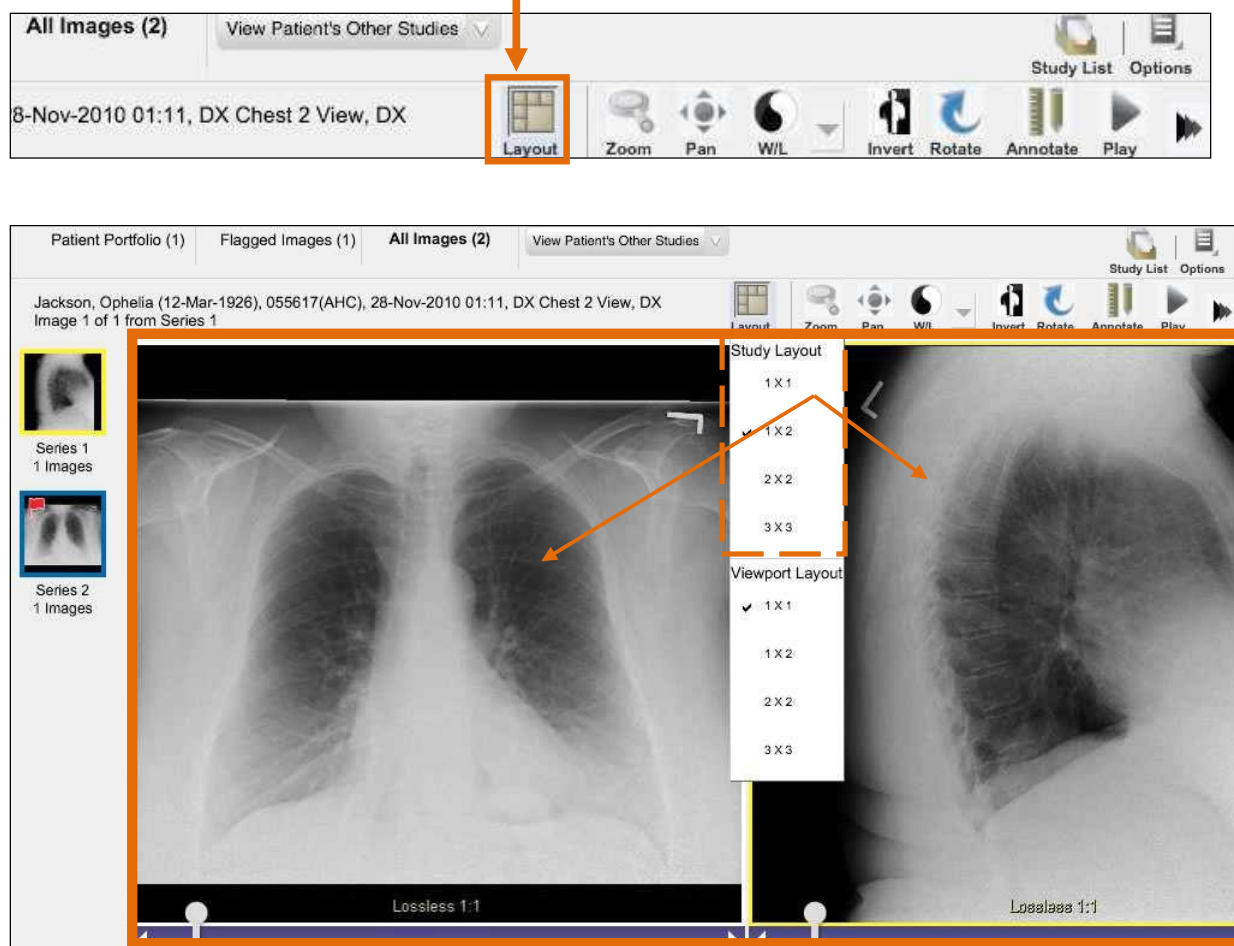
11. For non-tablet devices, to adjust the number of images displayed in a viewport, you can tile images of a series by clicking on the **Viewport Layout** button on the top left hand corner of the viewport and click on one of the four options.
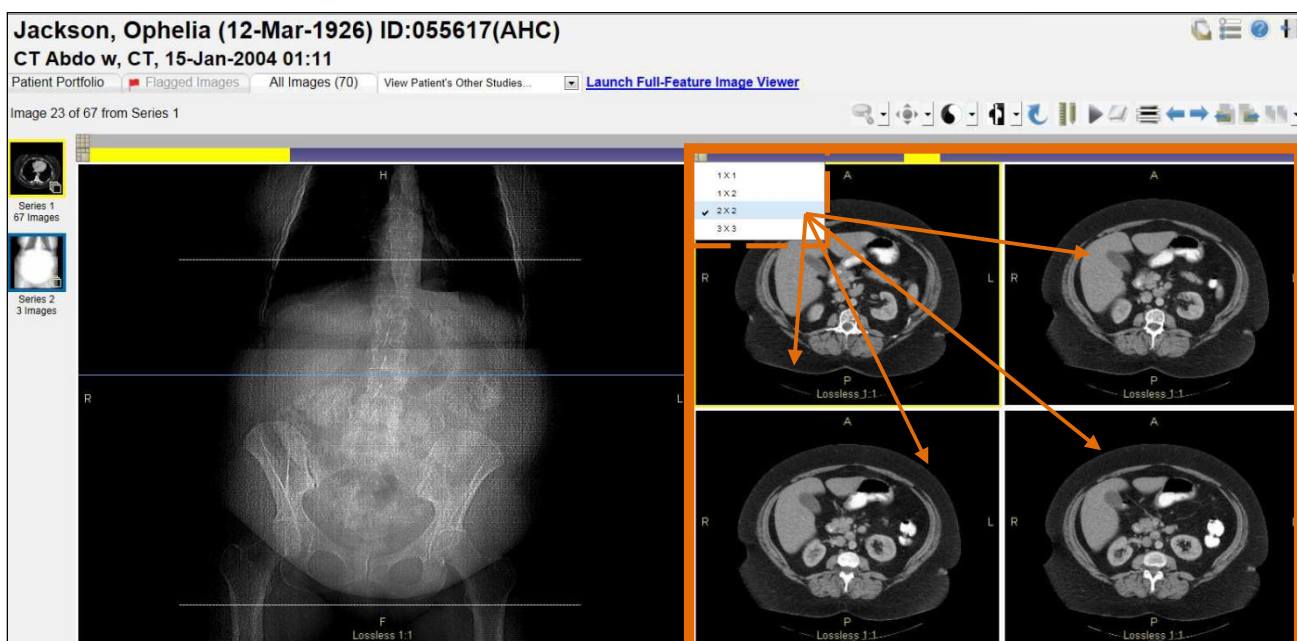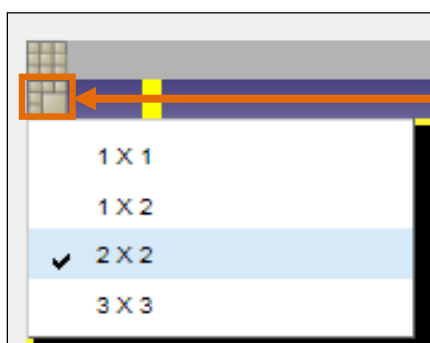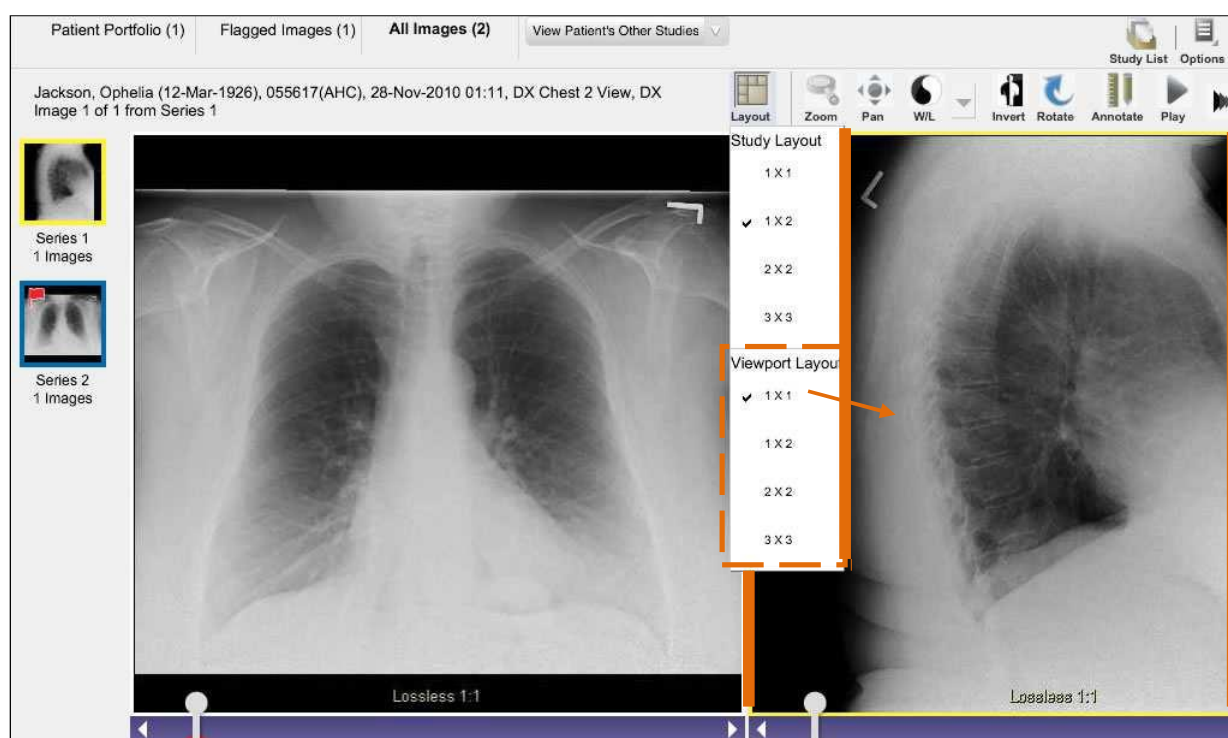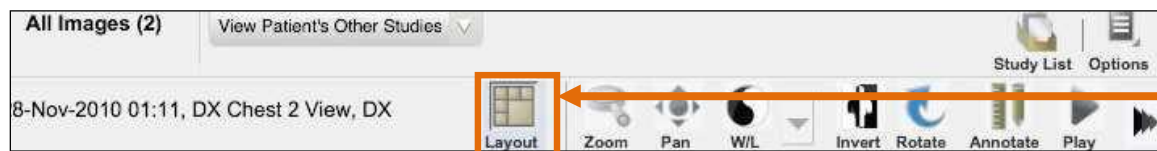
On a tablet device, to adjust the number of images displayed in a viewport, tap on the **Layout** button on the Main Tool Bar and below the *Viewport Layout* section tap on one of the four options.

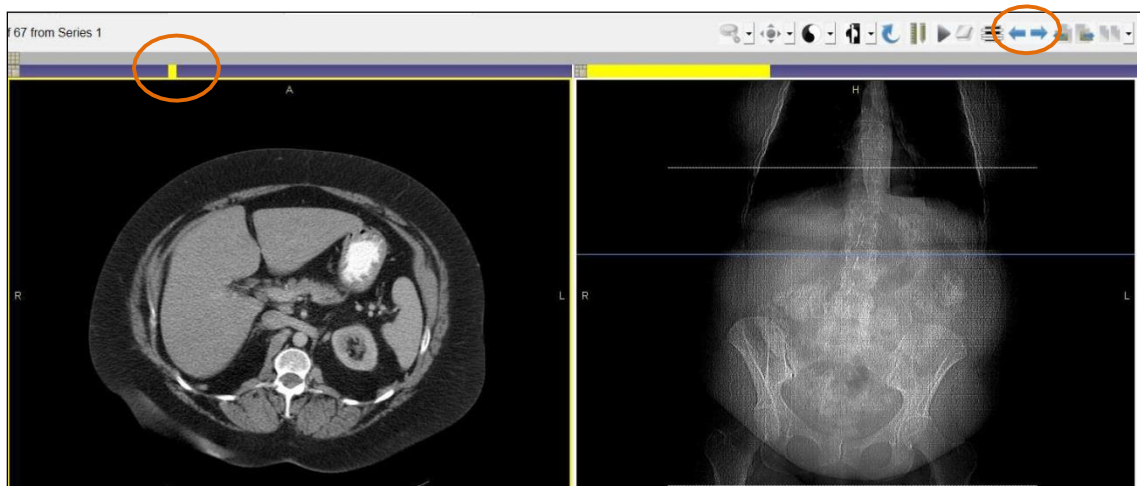12. To scroll through a series, on a non-tablet device, you can do one of the following actions:
    a. Scroll using your *mouse wheel* over the series of interest
    b. Click on the **Next Image** or **Previous Image** button on the Main Tool Bar
    c. On the *yellow chit* above the series, click 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:
    a. Tap on the viewport containing the series of interest and drag your finger down or up
    b. Tap on the *arrows* at the bottom of the viewport
    c. On the *grey tab* at the bottom of the viewport, drag the tab to the left or right direction along the bar
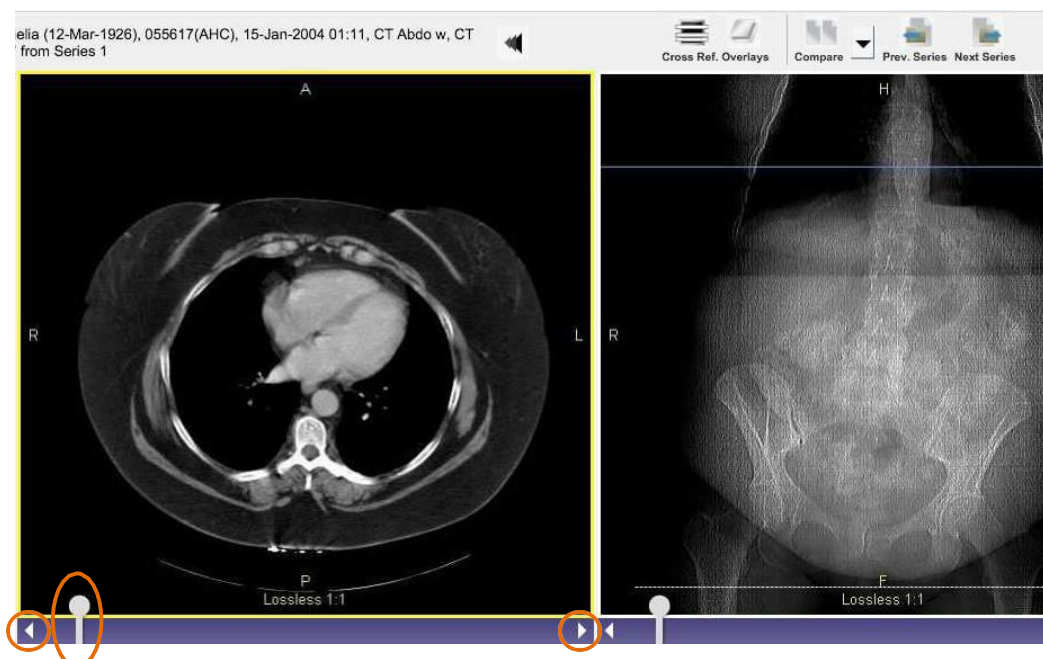
While in the *Image View,* the following table lists the *McKesson Clinical Reference Viewer* application Main toolbar image manipulation buttons:

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.
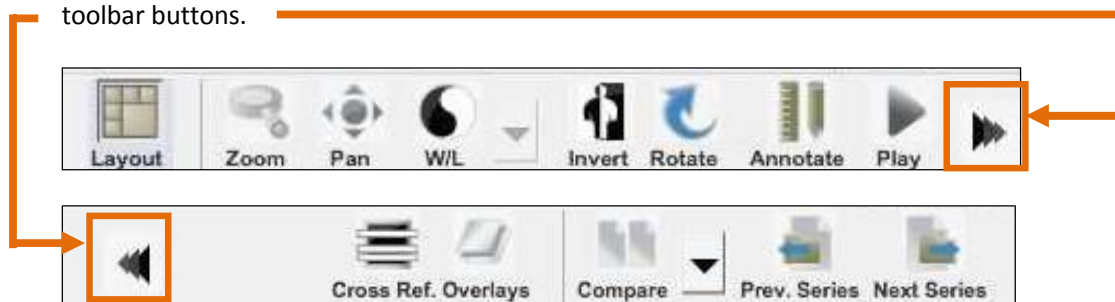
13. On non-tablet devices, to change the scope, click on the dropdown arrow to the right of the main toolbar button.
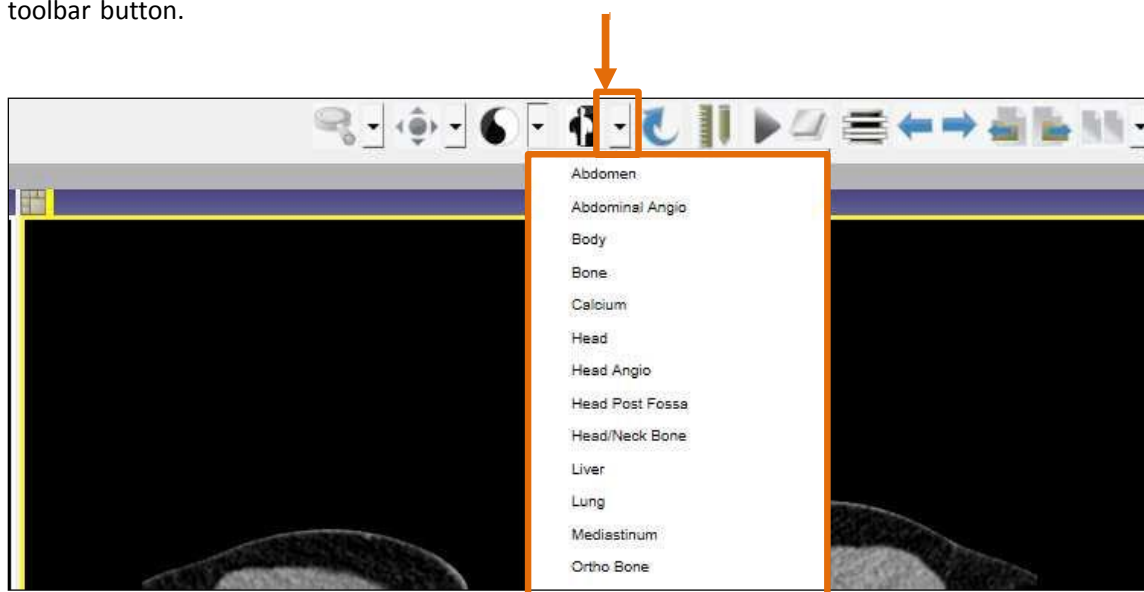
To change the scope on a tablet device, tap and hold the main toolbar icon. Tap on an option from the drop down menu.

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 curser 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.
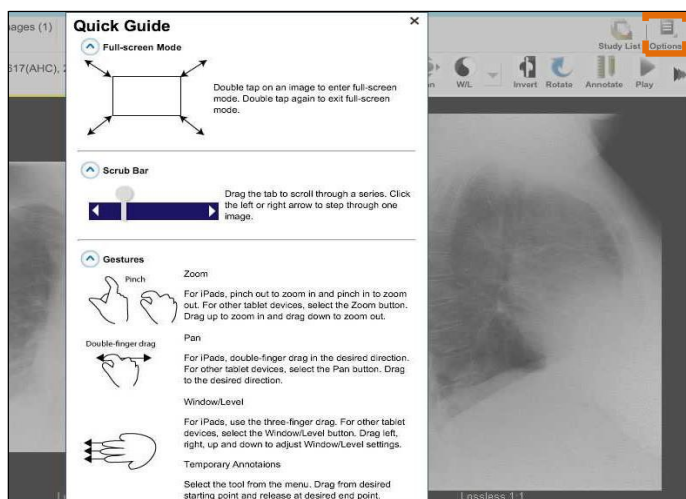
For multi-touch tablet devices, pinch or stretch your fingers over the image to zoom. With two fingers, drag the image in the direction of where you would like to pan. With three fingers drag left or right to window and level. Tap on the **Options** button in the top right hand corner on your tablet 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.
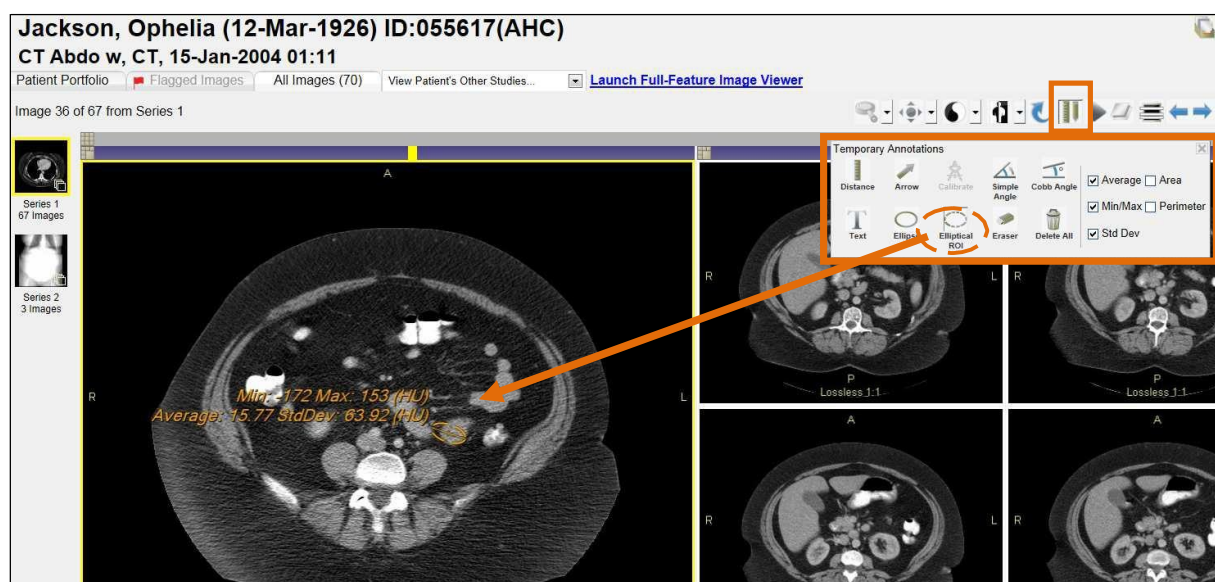
16. On a tablet device, to view the study in a *Full Screen Mode,* double tap the image/series in the viewport. Double tap again to exit *Full Screen Mode.*

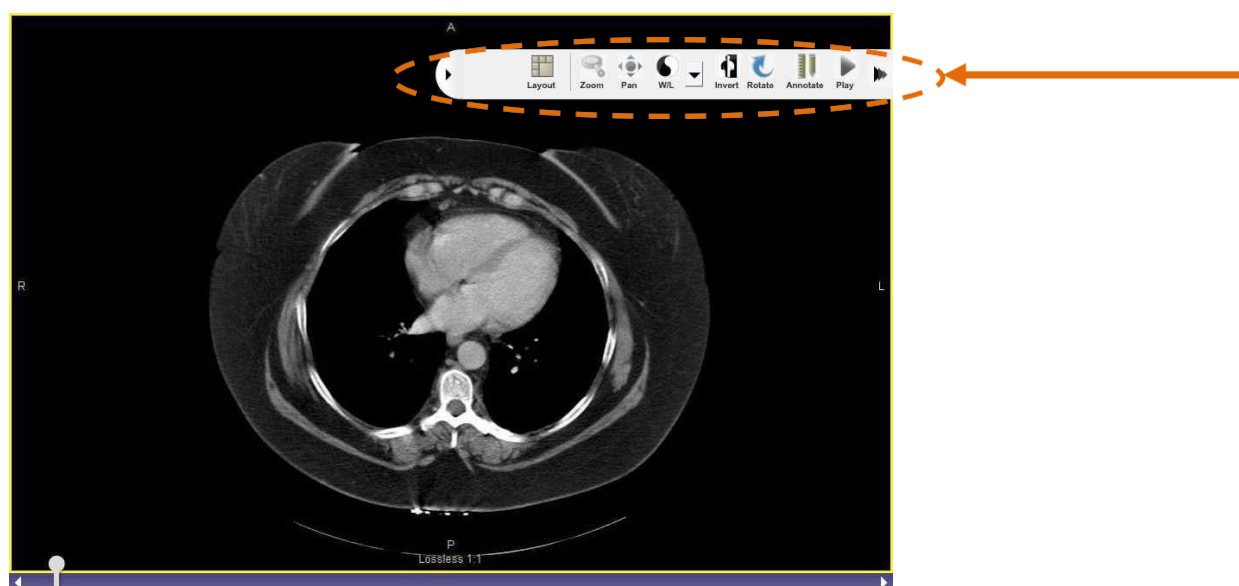17. Once in a *Full Screen Mode* on a tablet device, to hide the image manipulation toolbar, swipe the toolbar away from the screen. To display the toolbar away, swipe the toolbar into the   screen.

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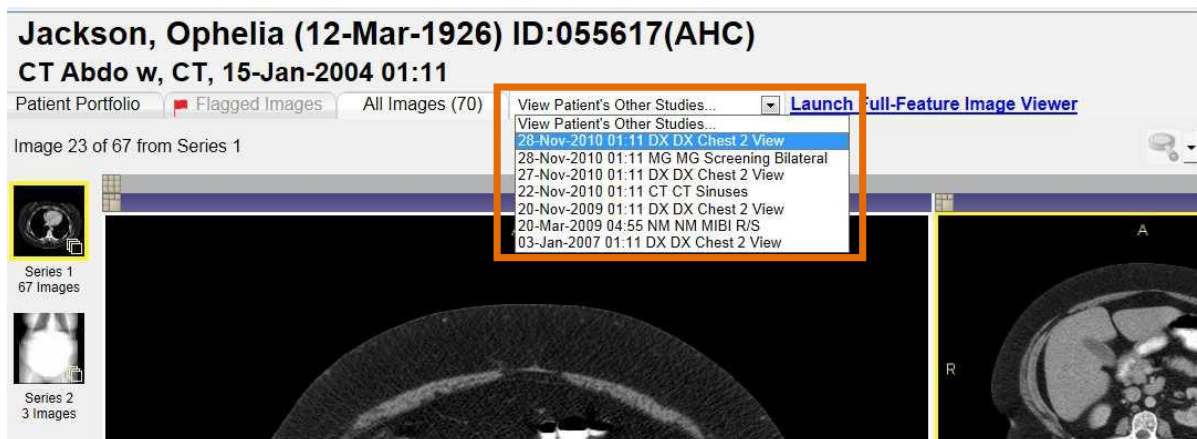
19. To compare an anchor and prior study side by side, click on the drop down button beside the **Compare Studies** button. Select the study you wish to display and   compare.

 The current study will be displayed on the left viewport and the comparison study chosen will be displayed on the right viewport.
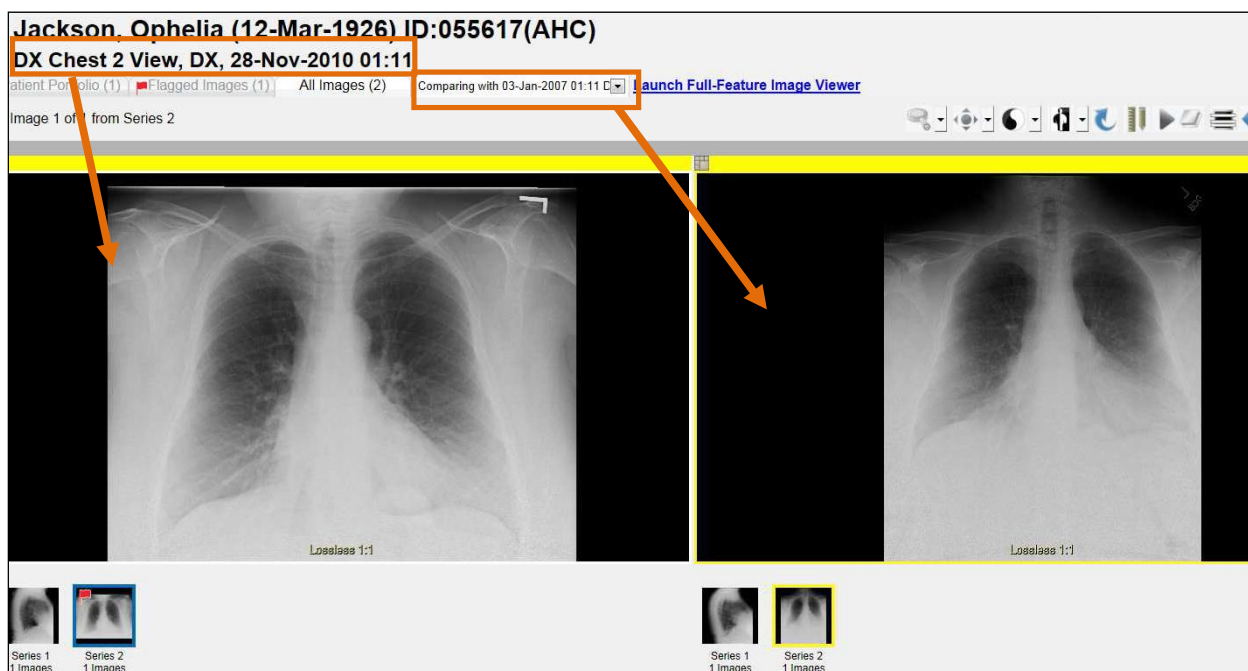
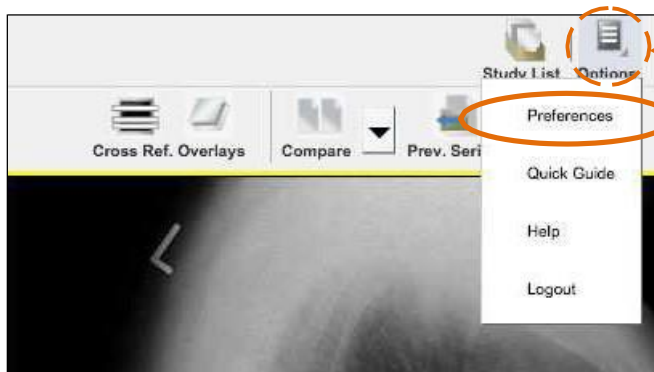20. On a non-tablet device, to customize the Study List Setting or Start Page Settings, click on   the **Preferences** button in the top right hand corner of your screen.

   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.
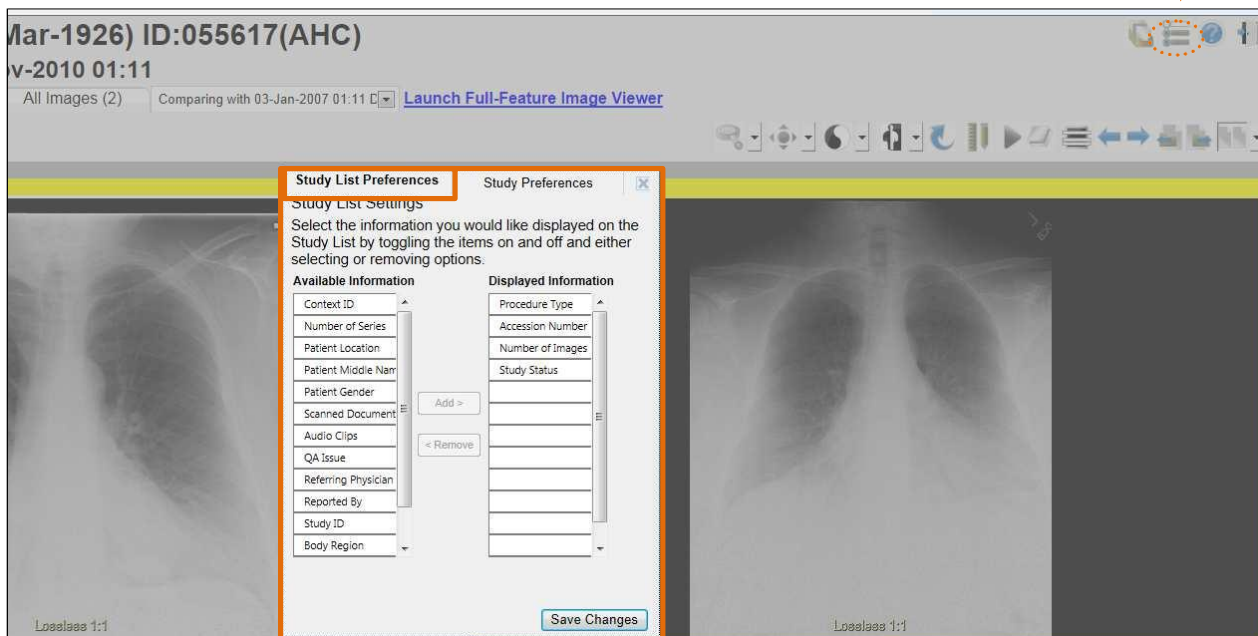
22. To customize the Start Page and Image Page layout for each modality, click or tap on the **Study Preferences** tab.

23. Update as needed and click or tap on the **Save Chang**es button. Then click or tap the **X** in the upper right hand corner to close the Preferences window.

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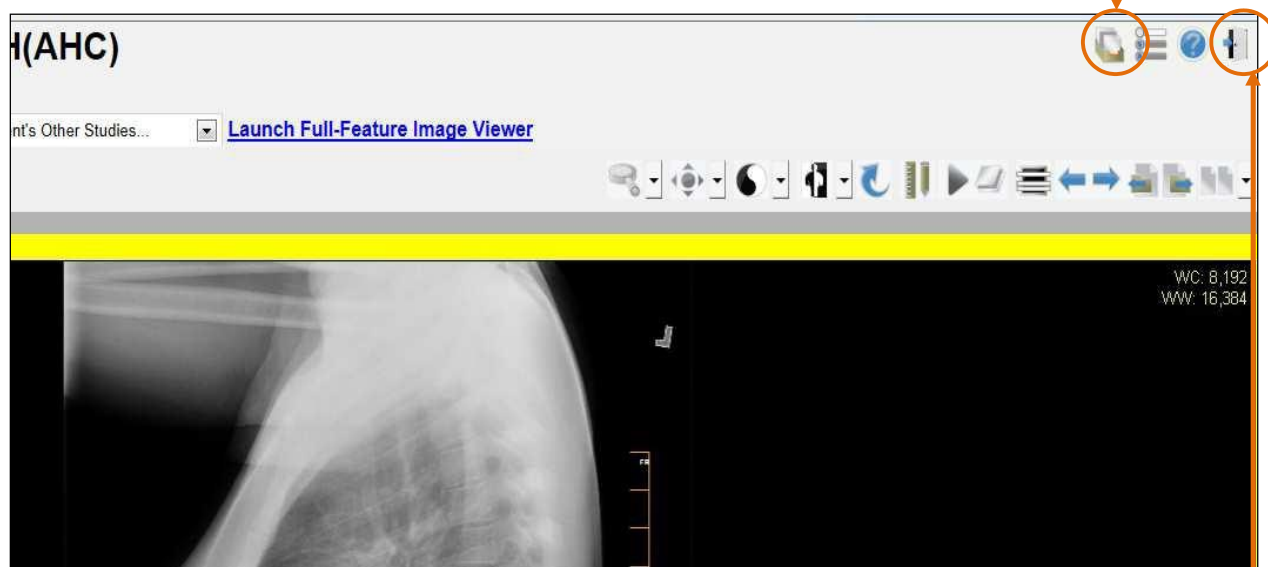
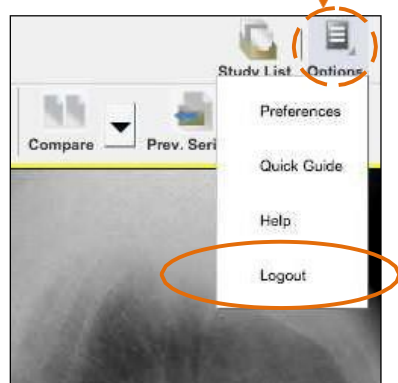25. On a non-tablet device, to exit the *McKesson Clinical Reference Viewer* application, click on the **Logout** button.

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.**