McKesson Radiology Clinical Reference Viewer Quick Start Guide

McKesson Radiology Clinical Reference Viewer is a 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 Radiology Clinical Reference Viewer* is supported on:

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

1. To access *McKesson Clinical Reference Viewer*, open a web browser and type in https://crv.umh.edu in the address field. Login with your username and password.

2. An **Advanced Search** module will appear. Click to expand the *Advanced Search module.* Type in the search data in the appropriate fields and click on the **Search** button to update your list.

McKesson Radiology Clinical Reference Viewer 1.1 – Quick Start Guide
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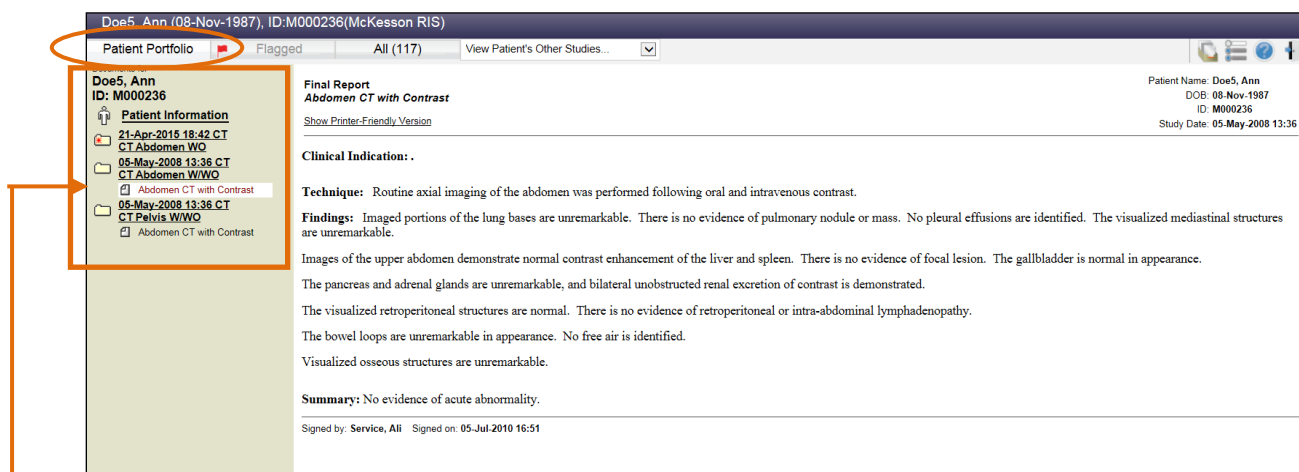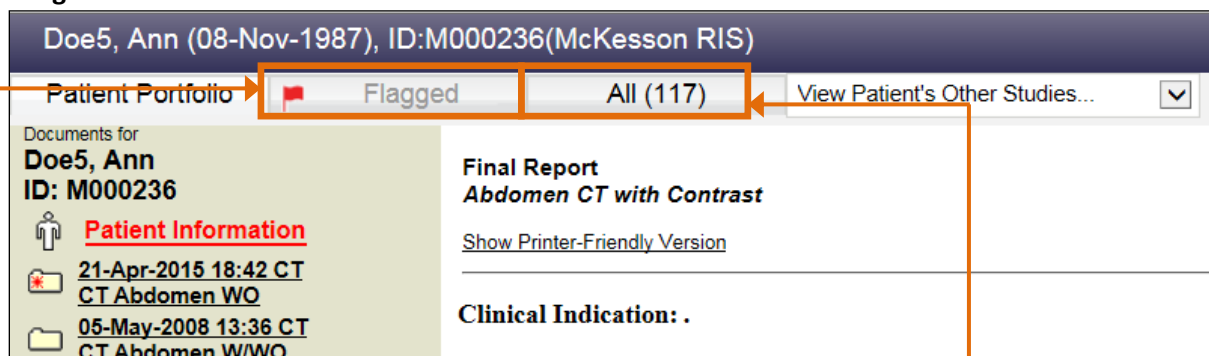Revision 1.0, 10 June, 2016
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3. All patient matches and the patient's studies will display. Click or tap on the study to view images. Images will begin loading.

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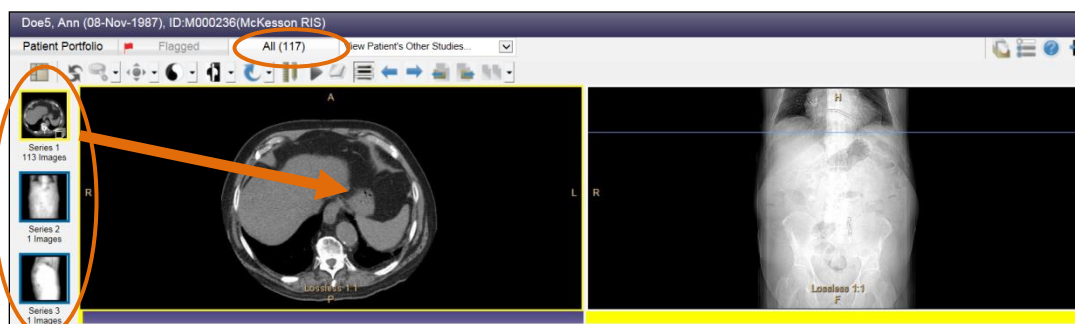

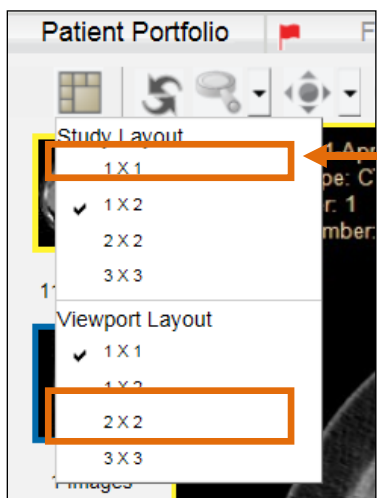Select the document (e.g. reports) of interest by clicking or tapping on it.

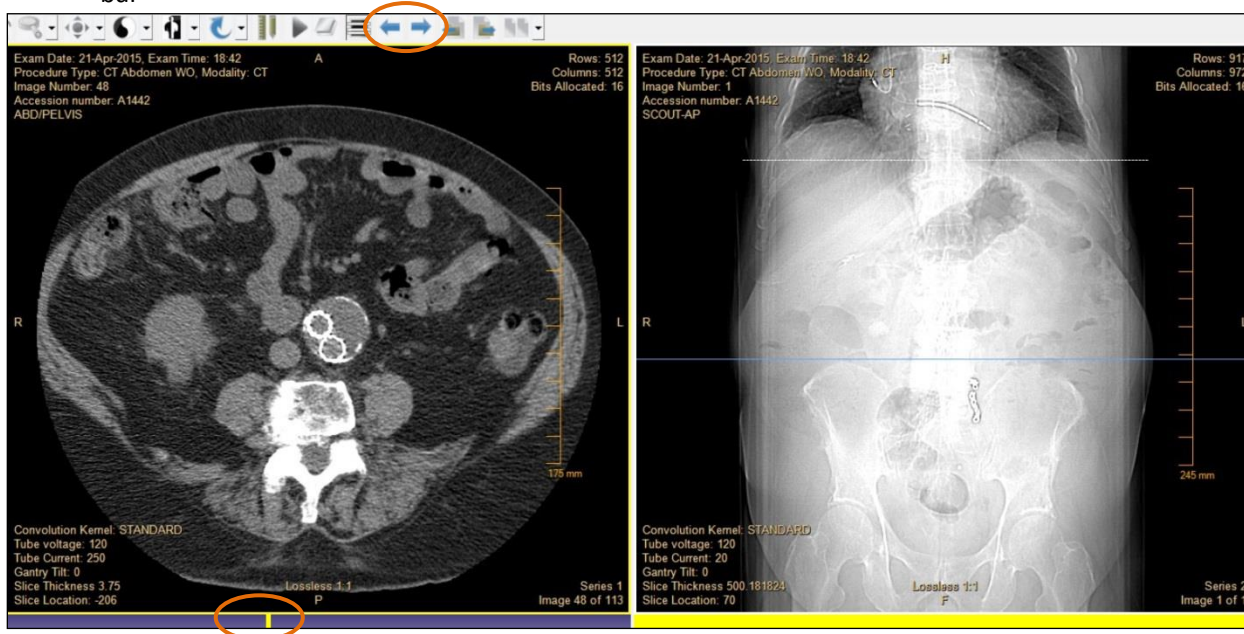5. If the study has flagged images, to view all flagged images within a study, click or tap on the **Flagged Images** tab.

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

7. Once images for the study have loaded, you can view any of the smaller thumbnail representation of the images by clicking/tapping on it and dragging it into a viewport.

8. To change the number of viewports displayed on your screen, click or tap on the **Study Layout** button on the top left hand corner of the monitor and select or tap one of the four display options for Study Layout. To change the **Viewport Layout**, select or tap the viewport you wish to change, and then select the desired **Viewport Layout** from the options below.

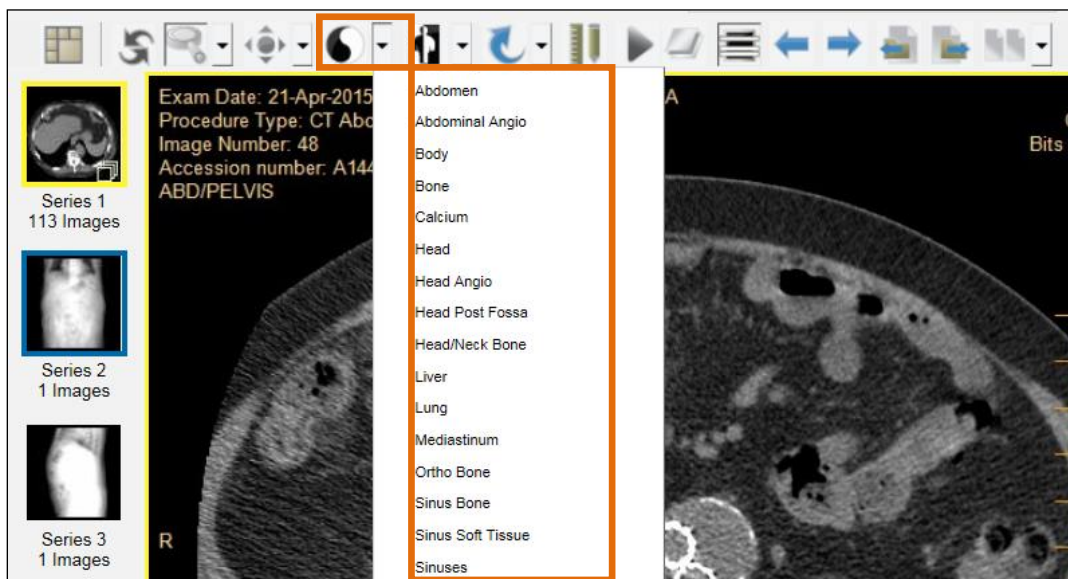9. To scroll through a series, you can do one of the following actions:
   a. Scroll using your *mouse wheel* over the series of interest
   b. Click or tap the **Next Image** or **Previous Image** button on the Main Tool Bar
   c. On the *yellow chit* below the series, click or tap and drag to the left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

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

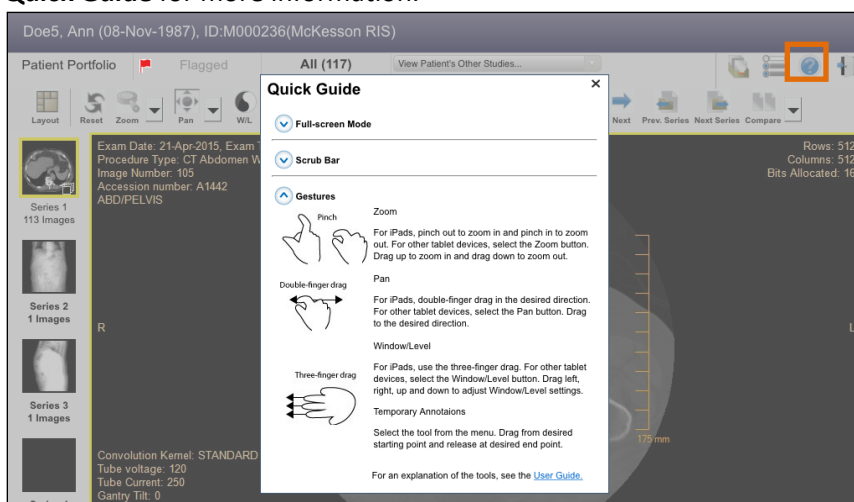| Component	Description
	Layout
	Reset
	Zoom
	Pan
	Window and Level
	Invert
	Rotate
	Temporary Annotations
	Cine Loop
	Show Overlays
	Toggle Reference Marker
	Show Previous Image
	Show Next image
	Show Previous Series (Thumbnail)
	Next Series (Thumbnail)
	Compare Studies

10. To change the scope, click on the dropdown arrow to the right of the main toolbar button.

Additionally, click or tap the Main Tool Bar Button of interest to activate an image manipulation function.
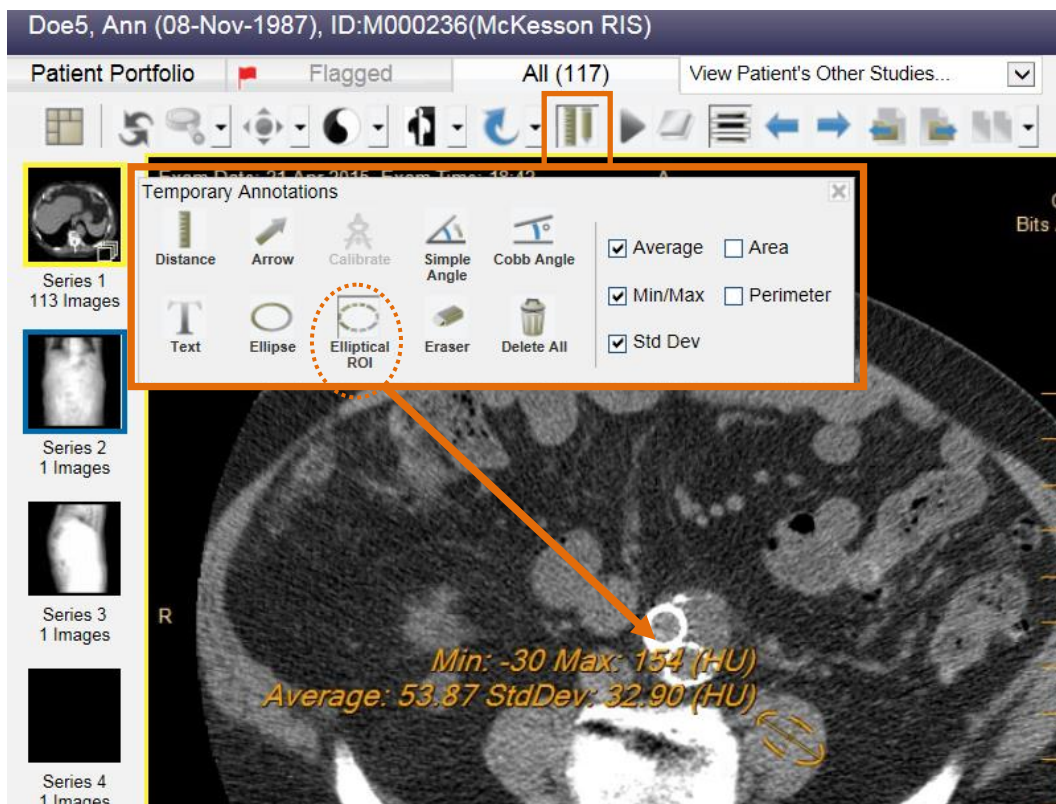
11. For non-tablet devices, when using the **Zoom**, **Pan** or **Window and Level** options, click and drag the mouse curser over the image to interactively use these three functions. On a tablet device, tap on **Zoom**, **Pan** or **Window and Level** option and drag your finger over the image.

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 **Help** button in the top right hand corner on your tablet device and select **Quick Guide** for more information.
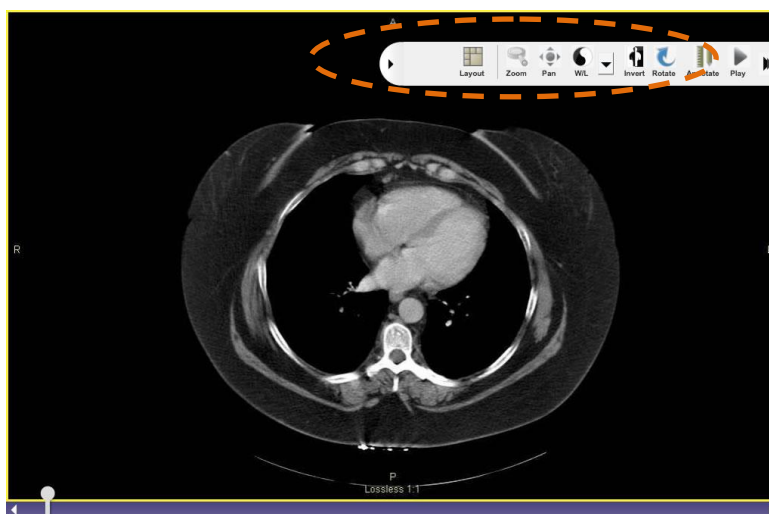
12. To access the measuring tools, click or tap on the **Annotate** button and select one of the measuring tools. Then click or tap and drag over the image to display the measurement.
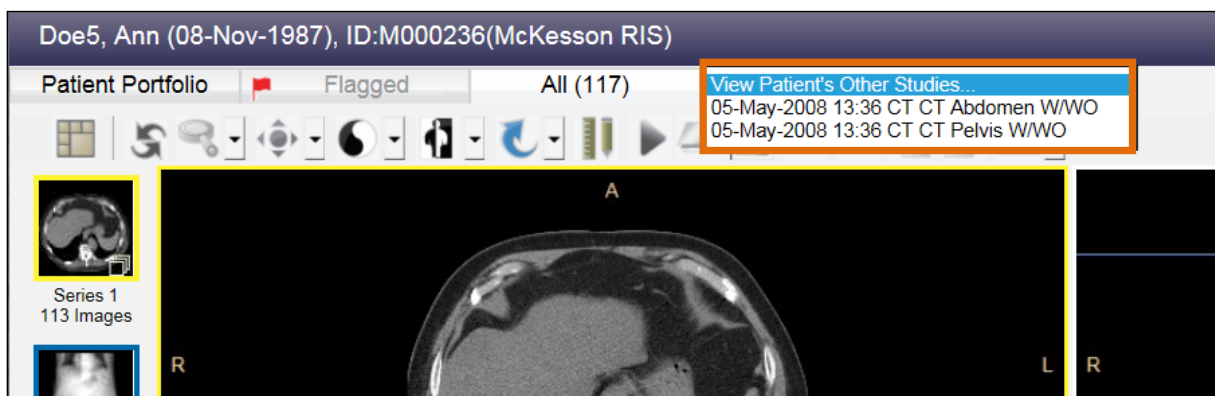

13. To view the study in a *Full Screen Mode,* double click or double tap the image/series in the viewport. Double click or double tap again to exit *Full Screen Mode.*

14. 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.
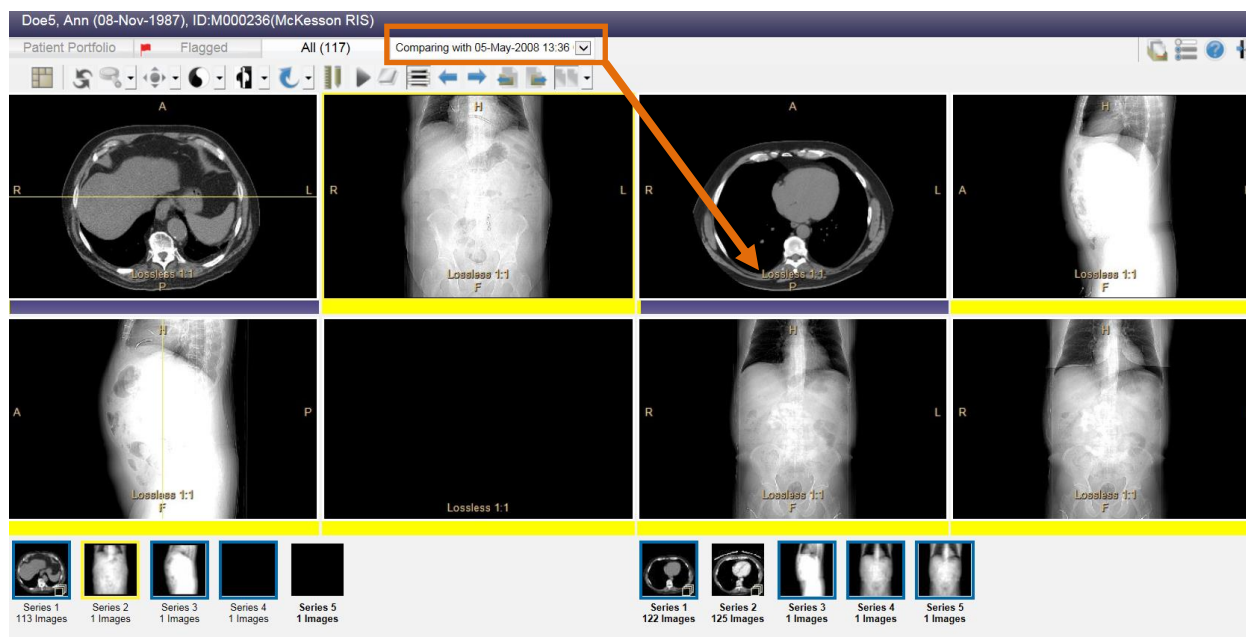
15. To access other studies for this patient, click or tap on the **View Patient's Other Studies** tab. Click or tap a study to view from the drop down list. The study selected will be displayed in the screen.

16. 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.
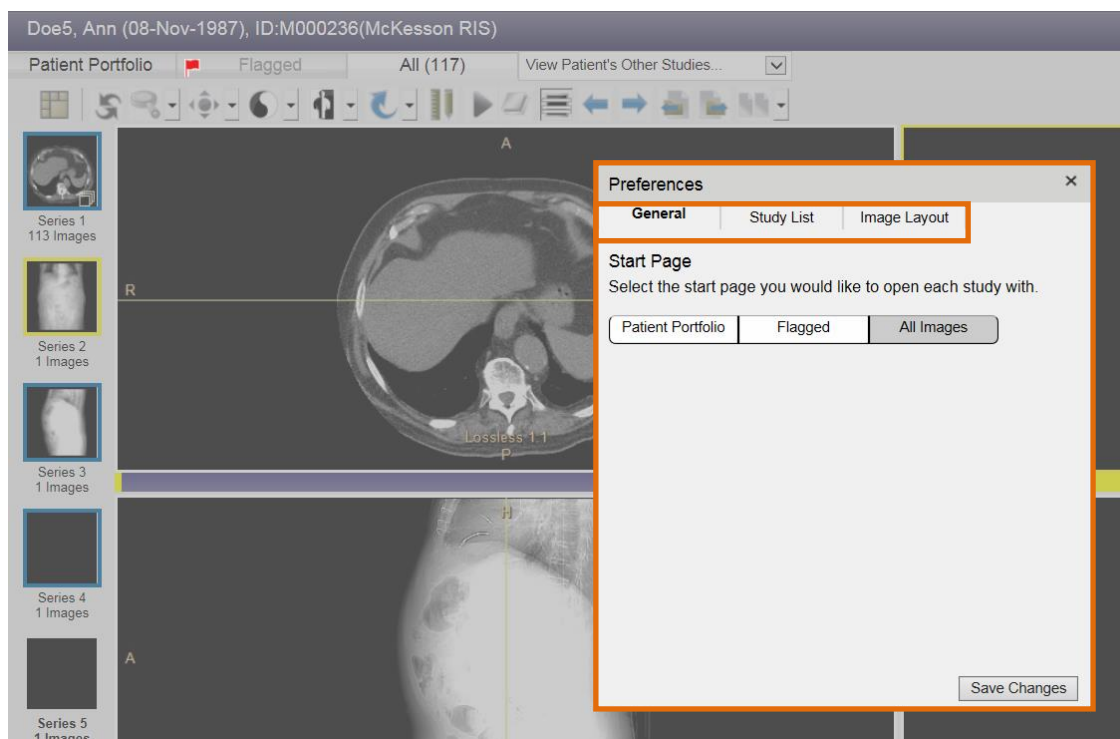

The current study will be displayed on the left viewport and the comparison study chosen will be displayed on the right viewport.
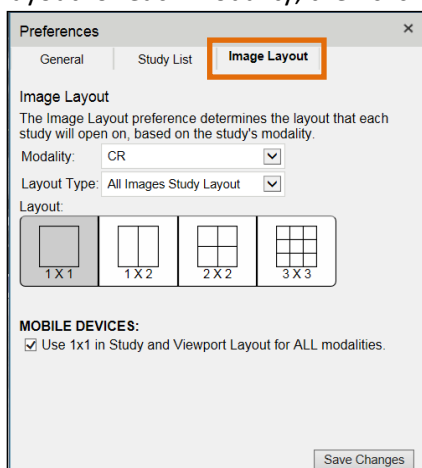

17. To customize the General, Study List Setting or Image Layout Settings, click or tap on the **Preferences** button in the top right hand corner of your screen.

18. 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.
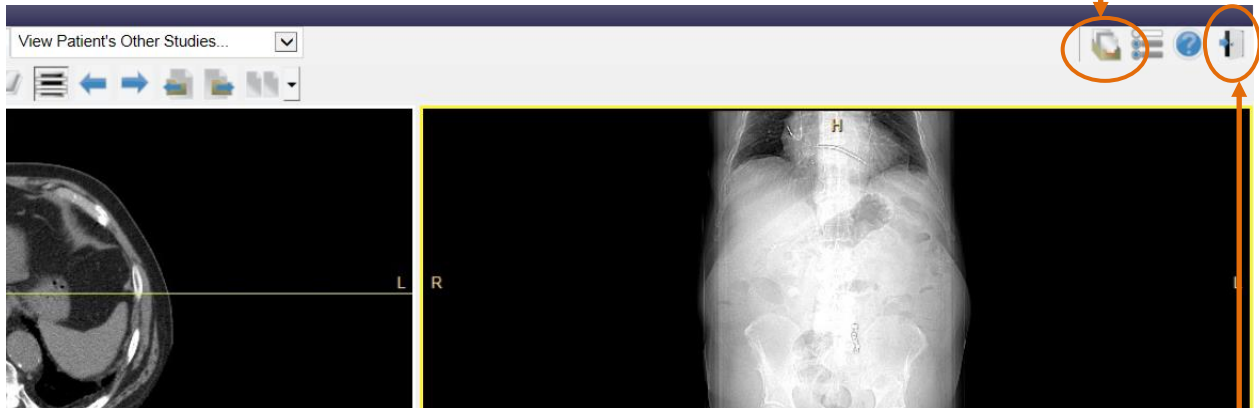

19. To customize the Start Page, click or tap on the **General** tab. Update as needed and click or tap on the **Save Changes** button.

20. To customize the Study List, click or tap the **Study List** tab, add or remove columns as needed and click or tap the **Save Changes** button.

21. To customize the Image Layout, click or tap the **Image Layout** tab, select the desired viewport and study layout for each modality, then click or tap the **Save Changes** button.

22. To close the Preferences window, click or tap the **X** in the upper right hand corner.

23. 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.

24. To exit the *McKesson Radiology Clinical Reference Viewer* application, click or tap the **Logout** button.

❖ **If you have any further questions or need additional support with respect to the application, please contact your PACS Administrator.**