



PACS CD Viewer

This CD contains images that were produced at Rapid City Regional Hospital. To view the images simply insert the disk into your CD drive and it should launch the web viewer automatically. If the web viewer does not launch automatically you will have to double click on your "My Computer" icon and then double click on the CD drive. If you have problems after performing these steps please check with your local computer personnel.

If you have any further questions please contact our **Medical Imaging Computer Systems Hotline** at **(605) 719-2195**.

Scrolling through your images:

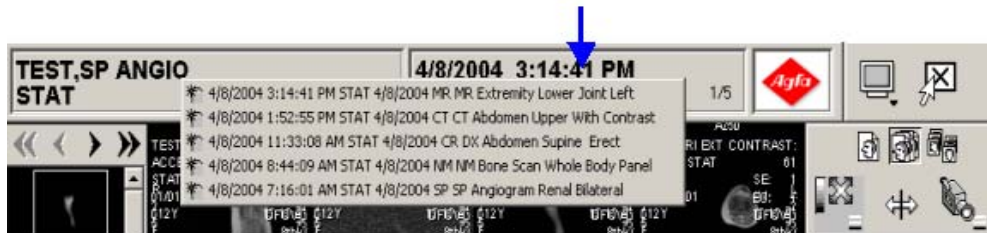
To scroll through your images you have two options:

1. You can use your scroll ball on your mouse.
2. You can hover your mouse pointer just to the right of the series window (Indicated by the blue arrow below). You should now have a scroll bar appear like the one in the picture below.



Viewing other studies on your CD:

To view all of the studies that you have on the CD for your specific patient, left click on the study window (Indicated by the blue arrow below).



Tools on the CD Viewer:



Select Screen Format - Displays your images in different formats (ie: 1x1, 2x2, 4x4).



Exit - Exits you out of the CD Viewer.



Image/Series/Study - Allows you to affect an image, a whole serie, or a whole study at one time. ie: You can window level just one image at a time or the whole series or study at the same time.



Window Level - Adjusts your brightness and contrast.

Directions: Select your Image/Series/Study by clicking and holding down your left mouse button. Move your mouse left/right and up/down.



Zoom - Magnifies your Image/Series/Study.

Directions: Select your Image/Series/Study by clicking your left mouse button and use your mouse wheel to magnify.



Markup Caliper - Measures a specified distance in centimeters.

Directions: Left click on your image where you want your measurement to start. Left click again where you want your measurement to end.



Invert - Inverts your contrast.

Directions: Left click on the Image/Series/Study that you want to invert.



Collimate - Crops your image to eliminate any unnecessary matter.



Markup Region Of Interest - Identifies an area of interest by drawing an ellipse around the region.
Directions: Left click on your image to identify the center of the elliptical area. Move your mouse left/right to size the length of your ellipse and left click when it's the proper size. Move your mouse up/down to size the width of your ellipse and left click when it's the proper size.



Study Information - Displays your study information.



Demographics Toggle - Hides/Unhides your demographic information.



Undo - Undoes the last change that you made.



Redo - Redoes what you just undid.



Flip Vertical - Flips your image 180 degrees vertical.



Flip Horizontal - Flips your image 180 degrees horizontal.



Rotate Right - Rotates your images 90 degrees.



Smooth Rotation - Rotates your image by a specified degree.



User Image Calibration - Calibrates an image, series or study from pixels to real-world measurements.



Markup Angel - Measures an angle in degrees between two specified lines.

Directions: Left click to start your base line. Left click a second time to set your base line. Left click a third time to start your secondary line. Left click a fourth time to set your secondary line.



Retrieve Report - Displays the report for the current patient.



Display Markup Toggle - Hides/Unhides any markups that have been performed on the image.



Cine Viewer - Animates a series of images.



Display Scout - Displays the scout.



- Used within the Scout to display all of the slice locations.



Cursor Mode - Presents a 3D context for images in MR studies. You can view the exact slice location of an image, based on a reference image. To use this tool, the current screen format must show at least two series. The lines displayed indicate the slice location.

Directions: Click on the image that you want to reference. The other series automatically update to match the reference image and to show the slices. To exit the cursor mode simply select the tool again.



Link Series - Synchronized two or more studies. The Link Series mode has three modes: Navigation, Window level and Zoom. You can use the link feature to scroll through multiple series at the same time, or to window level or magnify series at the same time.



Help - Displays the knowledge base for various help topics.



Reset Images - Resets your image back to the original.