

Exa® PACS/RIS

Feature Summary

Viewer Toolbar Tools

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Viewer toolbar tools

The following table lists toolbar tools that are available in the viewer. See the Exa PACS/RIS user's manual for related topics.

Tool	Name	Function
	2D volume	Calculates the area, length and volume of the selected area.
	3D ray	Draws a 3D ray on an image. Select to place a vertex on one plane, and the ray extends through the image on all planes.
	3D cursor	Displays a cursor in other open planes that follows the motion of the cursor in the active plane.
	AR	Plots points to represent angular rotation.
	Actual image size	Displays images in their real-life anatomical dimensions.
	Angle marker	Measures and annotates an angle.
	Arrow	Draws an arrow.
	Auto W/L	Automatically optimizes the W/L.
	Bone enhance	Controls contrast between bone and other tissues.
	Change slice thickness	Sets the slice thickness.
	Circle	Draws a circle.
	CLAHE	Contrast limited adaptive histogram equalization. Turns CLAHE mode on/off. Improves image contrast.
	Cobb angle	Measures a Cobb angle.
	Context menu	Displays the view shortcut.
	Context tool	Displays a linked image at the same X, Y, Z angle as the current image.
	Cutlines	Shows/hides cutlines, if present.
	Default	Selects the standard pointer tool.
	Delete all image annotations	Deletes all annotations.

Tool	Name	Function
	DICOM values	Display a list of DICOM values associated with the current image.
	DM settings	Display management.
	Dot	Draws a dot.
	Edit	Turns Edit mode on/off. Edit mode allows editing of previously set annotations.
	Ellipse	Draws an ellipse.
	External tools	Reserved for opening an external application.
	Fit to window	Restores original zoom level.
	Flip horizontal	Flips the image across its vertical axis.
	Frames	Selects the number and arrangement of frames to display in the viewing area.
	Free ROI	Freehand-draws an ROI.
	HO angle	Draws a HO angle.
	Horizontal line	Draws a horizontal line.
	HU	Displays the pixel value in Hounsfield Units.
	Invert color	Inverts black/white values.
	L symbol	Adds an L (left) marker.
	Line	Draws a straight line.
	Link auto	Links two or more series that are open.
	Link manual	Links user-specified frames between panels.
	M compare	Measurement compare. Displays the distances from one hover over one or more other points.
	Magnifying glass	Displays a movable zoomed area.
	Measure	Measures between two specified points.

Tool	Name	Function
	MPR	Multiplanar reformation. Select to generate and display coronal, sagittal, and MIP (maximum intensity projection) stacks from an axial image.
	One to one	Displays the image in its original DICOM size.
	Overlay	Turns overlays on/off.
	Pan	Drags the image any direction.
	Patient documents	Opens an independent window for viewing, scanning in, and attaching patient documents. Turns blue when documents are available.
	Pencil	Freehand-draws a line.
	Play frames	Starts cine looping.
	Print images	Sends images to a non-DICOM printer.
	Prior reports	View reports. Turns blue when reports are available.
	R symbol	Adds an R (right) marker.
	Radial angle	Draws a radial angle, which is the angle of the distal radial surface with respect to a line perpendicular to the shaft.
	Radial length	Draws a radial length.
	Rectangle	Draws a rectangle.
	Reset frame	Undoes all unsaved changes to the image within the active viewing cell.
	Reset linked series	Removes any linkages.
	Reset stack	Restore images in a stack to their last-saved ordering.
	Reset viewer	Reverts non-permanent modifications to images in the viewer (zoom, rotation, Window/Level etc.) to their original state.
	ROI	Draws an ellipse to specify an ROI.
	Rotate right	Rotates the image 90 degrees clockwise. Hover over the rotate button to reveal the rotate left button.

Tool	Name	Function
	Rotate left	Rotates the image 90 degrees counterclockwise. Hover over the rotate button to reveal the rotate left button.
	Save annotations	Saves the current state of annotations.
	Scroll/span images	Switches between scrolling and spanning.
	Settings	Displays the settings dialog box.
	Show prior list	Opens a dialog box with a list of priors that you can select to display in the priorbar.
	Shutter	Adds an image shutter.
	Span Images	Scrolls at an accelerated rate.
	Spine label	Adds vertebrae labels to spinal images.
	Spine label short	Adds vertebrae labels from common starting points.
	Spine label 3D short	Adds 3D vertebrae labels from common starting points.
	Spine label quick 3D	
	Spine label 3D	Adds 3D vertebrae labels.
	Study notes	Displays a dialog box for reading/writing notes.
	Text	Draws text.
	Transcription	Opens an independent dictation and transcription window.
	Vertical line	Draws a vertical line.
	Window/level	Adjusts the window/level.
	Zoom	Zooms the image in/out.