

ProSolv Toolbar Definitions



From left to right the following describes the buttons on the toolbar.

Load

The Load button initiates a series of messages instructing how to load images into memory. (See “Loading A Study”)

Patient Records

The Load From Database button is another way to load images into memory. This option accesses the searchable database of patients.

Transfer Images

The Add Study To Database button permits the transfer or copy of a study from one medium to another. It also permits optional compression of images, converting DICOM images to non-DICOM, or converting non-DICOM images to DICOM. The images may be translated from a magneto-optical or CD disk to the local hard drive or to a network. (See “Translating Studies or Images”)

Show Thumbnails

Clicking the Show Thumbnails button will display the thumbnail images if they are obscured by one of the windows. Clicking this button will also toggle the thumbnails from one study to another if there are thumbnails from multiple studies. For example if one had two studies loaded onto the Echo Viewer, the thumbnails from both studies will be available for review. Clicking the Show Thumbnails button will alternate the thumbnail display from one study to the other.

Next Image (Double Arrow to the Right)

Clicking on Next Image places into memory the images that follow the one currently being displayed in the viewing window. If the next image is not already loaded into memory, then clicking on this button will load the image. If the image is already in memory, then clicking on this button will retrieve this image from memory. (See “Loading A Study” and “Thumbnails”)

Previous Image (Double Arrow to the Left)

Previous Image is just the reverse of Next Image. If the images are not yet loaded, the Previous Image button will load the image that precedes the one currently in memory. If the image is already in memory, it will be retrieved from memory. (See “Loading A Study” and “Thumbnails”)

Move Images

The Move Images button moves images from the “Primary” viewing windows to the other viewing windows and back again. This window is used for viewing multiple images from “Study One.” Images transferred from the “Primary” window to the “Secondary” window are returned to the “Primary” window by activating the “Secondary” window and clicking the Move Images button. (See “Lateral Transfer of Images”)

Full Screen

This Full Screen button will enlarge the image to fill the entire screen except for the toolbar buttons. (See “Magnifying Images”)

Enlarged

This Enlarged button permits an image to be enlarged but still leave room for up to three smaller images to be displayed next to it. (See “Magnifying Images”)

Expanded Side by Side

Same as Side by Side but only shows one row of images instead of two.

Side by Side

The Side by Side button places the viewing window display back to its default dual screen arrangement. This arrangement also permits three or four equal but reduced images to be displayed simultaneously. (See “Magnifying Images”)

Fill Window

Start (Green Arrowhead Pointing to the Right)

This button starts a cine loop to cycle if it is stopped. If the cine loop is already moving, then this button does not function. (See “Manipulating the Image”)

Stop (Red Square)

This button will stop a moving cine loop wherever it happens to be in the cycle. (See “Manipulating the Image”)

Next Frame (Blue Arrowhead Pointing to the Right)

If the cine loop is moving, this button will automatically stop the cine loop on the first frame. Clicking on this button when the cine loop

is stopped will advance the loop to the next frame. (See “Manipulating the Image”)

Previous Frame (Blue Arrowhead Pointing to the Left)

Clicking on this button when the cine loop is moving will stop the cine loop on the last frame. If the cine loop is already stopped, then clicking on this button will move the view to the previous frame. (See “Manipulating the Image”)

Faster (Blue Arrowhead Pointing Up)

The Faster button increases cine loop playback speed. (See “Manipulating the Image”)

Slower (Blue Arrowhead Pointing Down)

The Slower button decreases cine loop playback speed. (See “Manipulating the Image”)

Trim (Scissors)

The Trim button permits one to modify a cine loop. One can choose the first and last frame of a cine loop. One can also choose reverse animation. (See “Manipulating the Image”)

View Demographics

Re-displays patient study information, if that screen has been closed.

Lab

Lab Comments

Report

Show Report

Auto Compare

Compare

The Compare button permits quad view images to be re-organized. The Compare button also is referred to as “Shuffle” in some other viewer systems. This button essentially takes the views in the upper left quadrant from two to four “quad view” images and puts them side-by-side in a new “quad view” image. The upper right quadrant views are also displayed side-by-side, as are the other lower quad views. A “quad view” image is also sometimes known as a “quad screen” image. (See “Stress Echo, Quad Screen Images and Shuffle”)

Undo Compare

Undo Compare reverses the compare process and reassembles the quad view images as they were originally loaded. (See “Stress

Echo, Quad Screen Images and Shuffle”)

Loop Controls

The Bitmap Controls button will control image contrast, brightness and cine loop playback speed using a quantitative and variable approach. Clicking the button generates a dialogue box that quantitatively displays the changes in contrast, brightness and playback speed. The changes can affect only the image being displayed or all of the images already in memory. (See “Brightness and Contrast”)

Increase Contrast

The Increase Contrast button increases image contrast. The amount of change in contrast can be noted on the Bitmap Controls window. (See “Brightness and Contrast”)

Decrease Contrast

The Decrease Contrast button decreases image contrast. The amount of change in contrast can be noted in the Bitmap Controls window. (See “Brightness and Contrast”)

Brighten

The Brighten button increases image brightness. The amount of change in brightness or intensity can be noted in the Bitmap Controls window. (See “Contrast and Brightness”)

Darken

The Darken button decreases image brightness. The amount of change in darkness or intensity can be noted in the Bitmap Controls window. (See “Contrast and Brightness”)

Close Study Images

The Close Study Images button will eliminate the images from memory. Clicking on this button will close or remove all images from the active viewing window. If other windows have images, clicking the Close Study Images button will automatically eliminate the images in the other windows. (See “Removing Images from Memory”)

Close All Windows

Closes all study windows that are open and will return you to the “Select Patient” screen.

Log OFF

Logs off current user.