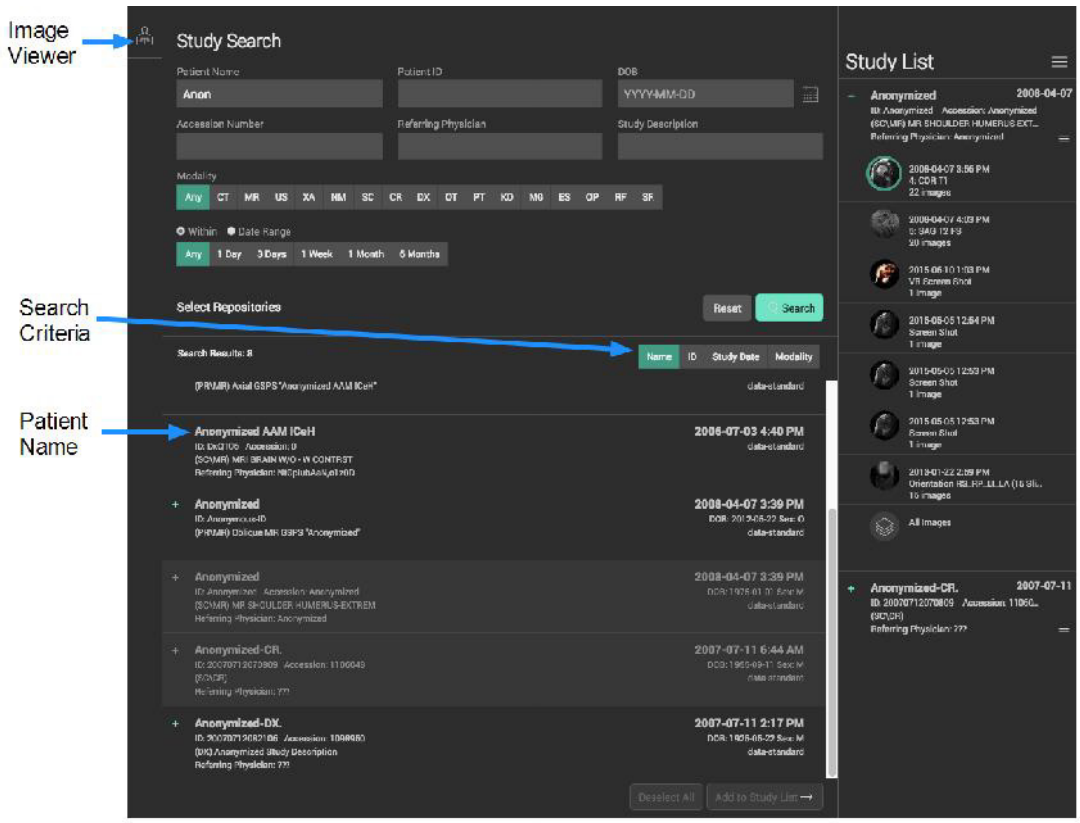
Using the Search Panel

Using the search panel, you can find, browse and add selected studies to the study list.



Performing Searches

Using the search panel, you can quickly find studies by patient name and other criteria such as patient ID, accession number, modality, and date range.

To search by patient name

1. Enter the patient name in the **Patient Name** box. You can enter the first and last name, or just the last name. You can also enter a partial last name.
2. Press the **Enter** key, or click **Search**.

To search by patient ID or other criteria

1. Enter search terms into the appropriate text boxes. If you provide only a partial patient ID (or other criteria), use asterisks before and/or after the partial number to indicate there are missing digits.
2. Press the **Enter** key, or click **Search**.

NOTE: Search criteria may be: patient name, patient ID, accession number, date of birth, referring physician, or study description.

To narrow your search

After entering search terms in the text boxes but before clicking **Search**, select your desired search criteria:

- **Within Last** enables you to narrow your search using preset date ranges.
- **Date Range** enables you to narrow your search by specifying a date range by picking a start and end date.
- **Modality** enables you to restrict your search to a specific type of study, such as computed tomography (CT) or magnetic resonance (MR).

To reset your search

- Click **Reset**.

You can also limit your search to one or more archives. See Selecting Repositories.

Selecting Repositories

If you have access to multiple repositories, you can choose which repositories to search.

To select repositories

1. Click **Select Repositories**.
2. Fill the check boxes for the data repositories you wish to search.

Browsing Search Results

Search results are displayed as a list of studies. The number of results returned is displayed above the search results.

NOTE: Studies that have already been added to the study list are greyed-out in the results.

To sort search results

- Click the search criteria you wish to sort by.

You can expand the studies to preview their contents.

To expand a study

- Click the **+**.

You can also collapse expanded studies to hide their contents.

To collapse a study

- Click the **-** to the left of an expanded study.

Adding studies to the study list

You can select studies of interest to add to the study list for viewing.

To select studies

- Click the studies you wish to select. They will appear highlighted when they are selected.

To deselect studies, do one of the following:

- Click selected studies. Their highlight will disappear when they are deselected.
- Click **Deselect All**. This will deselect all the studies in the search results.

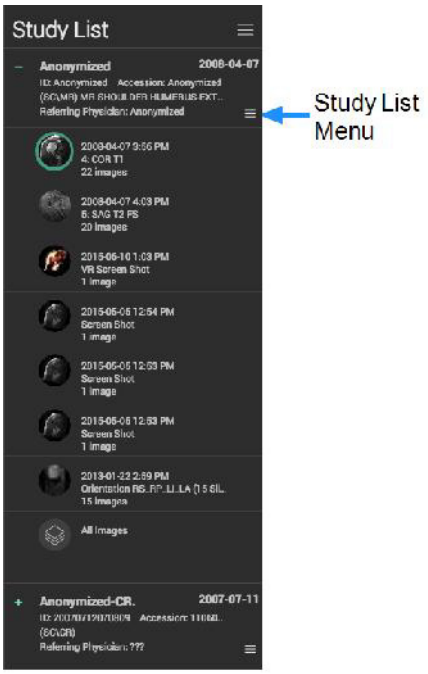
To add selected studies to the study list

- Click **Add to Study List**.

NOTE: You can also double-click a study to view it immediately in the image viewer. This will add the study to the study list and closes any open studies.

Using the Study List

The study list contains all the studies of interest added from the search panel. From here you can view their contents in the image viewer.



As in the search panel, you can expose the contents of studies by expanding them in the study list.

To expand a study

- Click the **+**.

To view an image or series, do one of the following:

- Double-click an image in the study list.
- Click and drag an image into the image viewer.

Images currently being viewed in the image viewer will be highlighted in the study list.

To view more than one image at a time in the image viewer, see **Viewing Multiple Images With 2D Layouts**

NOTE: A ring appears around the thumbnails of the series that have been displayed in the viewer.

Viewing Unsupported Data

The *Synapse Mobility* software will notify you if you attempt to load unsupported data. You will be able to view the data, but there will be a persistent warning in red that you are viewing unsupported data.

To view all images in a study

- Double-click the All Images entry in the study list. This will load all of the images in the study as though they were a single stack.

To view a report

- Double-click a report in the study list.

To print a report

- Click the **Print Report** tool.

To close studies, do one of the following:

- Select **Close Study** from the study list menu.
- Click the **Close All Studies** tool.

To display related studies

- Select **Related Studies** from the study list menu. (See Displaying Related Studies.)

To open the Share Study panel

- Select **Share Study** from the study list menu. (See Using Study Share.)

To shrink the study list

- Click the **Shrink Study List** tool.

To expand the study list

- Click the **Expand Study List** tool.

To access search or search results

- Click the **Data Panel** tool.

NOTE: Any study that contains DICOM images also contains a special All Images series which loads the images from all the series in the study. Cine functionality is unavailable when viewing the All Images series, but you can otherwise view it like any other series.

All Images is best suited for viewing studies that contain multiple single-image series, such as CR/DR studies, to avoid having to load single images into the view individually.

Displaying Related Studies

When you retrieve related studies, any studies with the same Patient ID as the study you are viewing will appear in the study list. This is useful when choosing series to display in split view layouts.

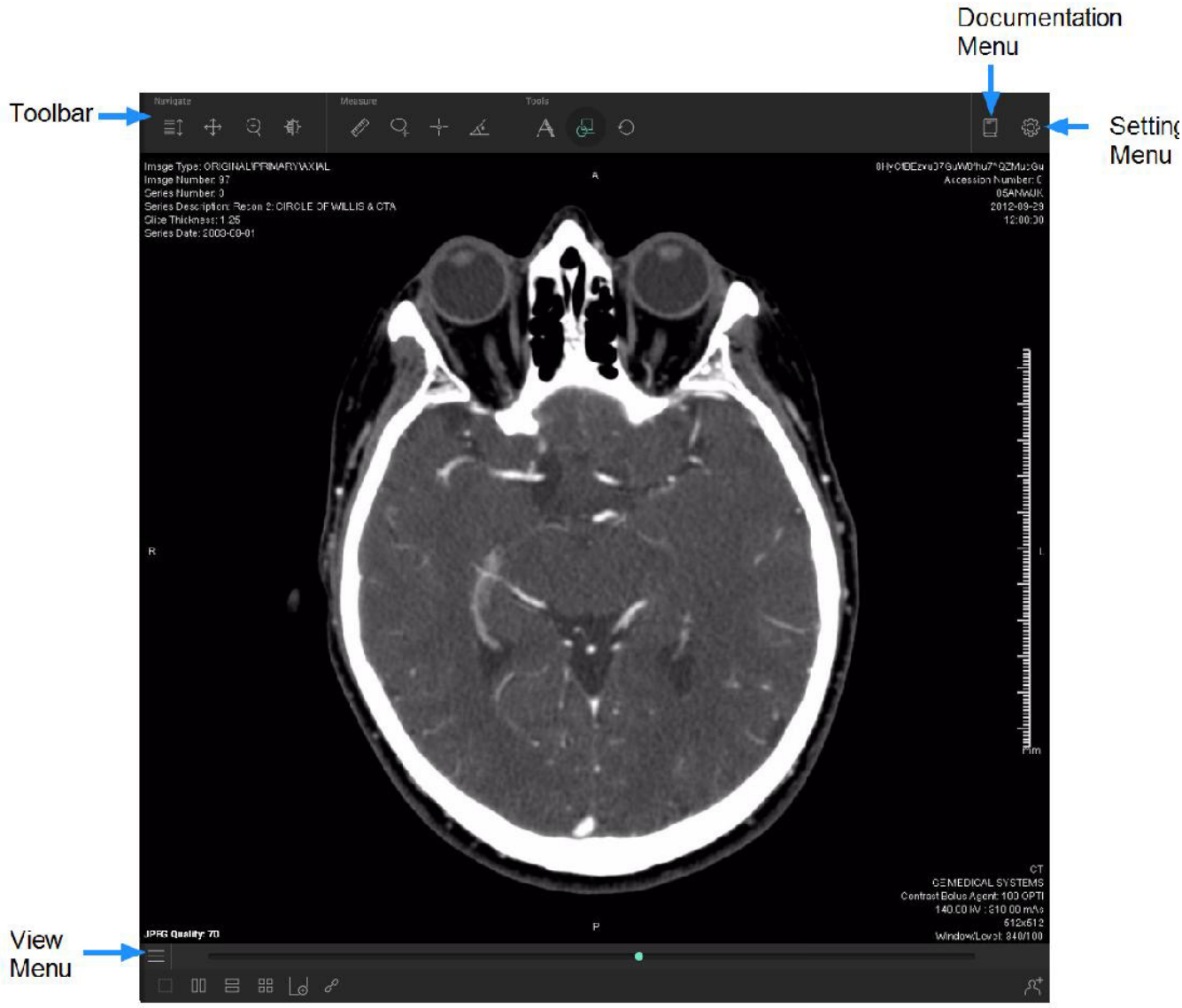
To display related studies

- Select **Related Studies** from the study list menu.

NOTE: Related studies may be automatically displayed if so configured in the server.

Using the Image Viewer

The image viewer displays images and data from the study list in 2D, MIP/MPR and 3D view modes. It also contains tools for interacting with the data. This module describes how to use the image viewer to navigate and interact with images and data in the various view modes.



To access the image viewer

- Click the **Image Viewer**

 tool.

To access search, search results or the study list

- Click the **Data Panel**  tool.

Using the Toolbar

The toolbar provides access to commonly used tools in the image viewer. On devices with smaller screens like smartphones, you will find additional tools, such as measurements, available from the settings  menu. (See The Settings Menu.)

To select a tool

- Click the tool. The tool will be highlighted when it is selected.

The Documentation Menu

The documentation  menu provides access to

- This user guide
- The hotkey reference
- About the software

The Settings Menu

You can configure the view via the settings  menu. On smaller screens, you can use this menu to configure the toolbar and to access documentation.

With full screen, it is possible to expand Synapse® Mobility to cover the entire screen.

To enable full screen

- Select **Toggle Full Screen** from the settings  menu

To disable full screen, do one of the following:

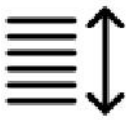
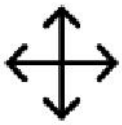
- Select **Toggle Full Screen** from the settings

 menu.

- Press the **Esc** key.

Navigating Images

You can navigate images in the image viewer with the navigation tools.

	**Scroll** (2D and MIP/MPR view modes) When selected, click and drag up and down to scroll through the images in the series.
	**Rotate** (3D view mode) When selected, click and drag in any direction to rotate the volume.
	**Pan** When selected, click and drag in any direction to pan the image.
	**Zoom** When selected, click an drag up and down to zoom in and out of the image.
	**Window/Level** When selected, click and drag left and right to adjust window width, and up and down to adjust window level.
	**Mirror Vertical / Mirror Horizontal** Select Mirror Vertical or Mirror Horizontal from the view menu.

	
	**Rotate** Select Rotate CW (clockwise) or Rotate CCW (counter-clockwise) from the view menu.
	**Invert Intensities** Select Invert from the view menu (keyboard shortcut **I** on desktop devices)
	**2D Lens** Select **Lens** from the view menu (keyboard shortcut **O** on desktop devices)

There are also device-specific methods to navigate in the image viewer regardless of the selected navigation tool.

Navigating on Desktop Devices

You can navigate images in the image viewer using the following methods on desktop devices with mouse and keyboard. These interactions work independently of the selected tool.

To scroll through single images

- Scroll up and down with the mouse wheel.
- Press the **Right** arrow key to advance to the next slice and press the **Left** arrow key to go back to the previous slice.

To zoom in, do one of the following:

- Press the **+** key.
- Hold **CTRL-SHIFT** while clicking and dragging the mouse cursor up.

To zoom out, do one of the following:

- Press the **-** key.
- Hold **CTRL-SHIFT** while clicking and dragging the mouse cursor down.

To pan the image

1. Position the mouse pointer over the image.
2. While holding **SHIFT**, click and drag the image. This will "grab" the image so that you can move it around the main view.

To adjust window width, do one of the following:

- Right-click and drag left or right.
- Hold **CTRL-ALT**, click-drag left or right.

To adjust window level, do one of the following:

- Right-click and drag up or down.
- Hold **CTRL-ALT**, click-drag up or down.

Navigating on Touchscreen Devices

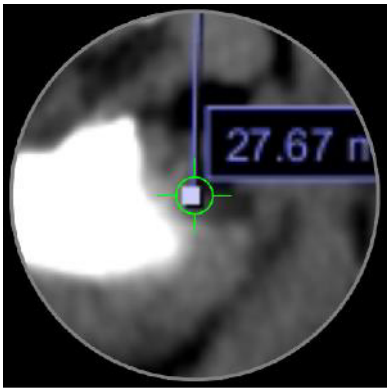
You can navigate images in the image viewer using the following methods on touchscreen devices.

Functionality	Touchscreen Interaction
Scroll with no tool selected (2D)	Drag up/down
Scroll single images (2D)	Tap near the top or bottom of the view

Functionality	Touchscreen Interaction
Rotate (3D)	Drag
Window/Level	Double-tap, then drag
Pan	Drag with two fingers
Zoom	Pinch or spread fingers

Using the Precision Loupe (touchscreen only)

The precision loupe enables touchscreen device users to interact with the view with pixel-level precision. When measurement or annotation tools are selected, the precision loupe appears as a magnification of the region directly under the user's finger, with a single pixel centered in the cross-hairs.



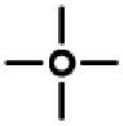
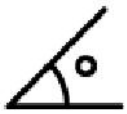
You can "click" on the view using the precision loupe to accurately place and select points for adding and manipulating measurements and annotations.

To "click" using the precision loupe

1. Position the loupe with the cross-hairs centered on the desired pixel.
2. Hold the loupe still for a moment. The cross-hairs will shrink and "click" on the pixel.

Working with Measurements

You can make various measurements in the image viewer with the provided measurement tools.

	**Linear** Measures the distance between two points in the view
	**ROI** Measures the area, mean signal intensity, and standard deviation within an ellipsoid region of interest (ROI)
	**Point** Measures the signal intensity of a selected pixel in the view
	**Angle** Measures the angle between definable segments

NOTE: In the 3D view mode, only linear measurement is available.

To make linear measurements

1. Select the **Linear** tool.
2. Click the first point on the image and drag to the second endpoint and release the mouse button.

To make ROI measurements

1. Select the **ROI** tool.
2. Click and drag to draw the ROI.
3. Click and drag the handles at the corners of the ROI to adjust the size and shape of the region.

To make point measurements

1. Select the **Point** tool.
2. Click on the point you wish to measure.

To make angle measurements

1. Select the **Angle** tool.
2. Click where you wish to measure.
3. Drag the handles to adjust the angle.

NOTE: Medical images are susceptible to magnification errors caused by differing patient sizes and projection distances. If not corrected by the modality, these errors can affect the accuracy of the calibration information contained in the image's DICOM header. Measurement values in the *Synapse® Mobility* software are dependent on the calibration information provided by the modality in the DICOM header. Accuracy also depends on the pixel spacing and slice interval values that are provided in the DICOM header for the data set. Because of this, measurements should be used for reference only until the accuracy of the DICOM header information can be verified or the image information has been calibrated through the use of a measurement instrument in the image.

Measurements rely on certain DICOM metadata to be in place, including Rescale Slope, Rescale Intercept, and Pixel Spacing. In the event that this metadata is not contained in the DICOM images being viewed, any measurements placed will be reported as "n/a".

You can select and make changes to existing measurements. For more information, see Manipulating Measurements.

Working with Annotations

You can use the annotation tool to write and edit annotations in the image viewer.

To add an annotation

1. Select the **Annotation**  tool from the toolbar.
2. Click on the image where you wish to annotate.

To edit an annotation

1. With the annotation tool selected, click in the text box of the annotation.
2. Edit text as desired.
3. Press **Enter**.

You can select and make changes to existing annotations. For more information, see **Manipulating Measurements**.

Manipulating Measurements

While any measurement tool is selected, you can select and make changes to existing measurements.

To select a text box

- Click on the text box.

To select measurements

- Click anywhere on the measurement or markup. (Ensure that the mouse cursor becomes a hand before clicking.)

To select endpoints on measurements

- Click on an endpoint.

To move text boxe

1. Select the text box.
2. Drag to your desired location.

To move endpoints

1. Select an endpoint.
2. Drag to your desired location.

To move measurements

1. Select the measurement.
2. Drag to your desired location.

To delete measurements or markups (mouse and keyboard only)

1. Select the measurement. (You may select the text box.)
2. Press the **Delete** key or click the **Delete** tool.

Resetting the View

You can reset the image to the default view at any time.

To reset a single view, do one of the following:

- Select **Reset** from the view menu.
- Press the **Home** key.

To reset all views

- Click **Reset** in the toolbar.

Configuring Metadata Display

You can configure the desired level of metadata displayed in the image viewer.

To configure the metadata display

1. Select **Display Settings** from the settings menu.
2. Select the desired level of metadata display:

	Auto Metadata Display
	Full Metadata Display
	Limited Metadata Display
	No Metadata Display

NOTE: The default display setting will automatically set the metadata display level based on the size of the image view.

About View Modes

There are three different modes to view data: 2D, 3D, and MIP/MPR. The 2D view mode displays data in a two-dimensional format, the 3D view mode displays data in a three-dimensional format, and MIP/MPR view mode enables you to display data simultaneously in different orientations.

Images are initially displayed in the 2D view mode, but you can switch view modes at any time in the image viewer.

To switch view modes, do the following:

- Select a view mode from the view menu.

Viewing Data in 2D View Mode

In this view mode, you can view a study and its contents in a two-dimensional format. The orientation of the image is labeled at the sides of the viewer: Superior, Inferior, Anterior, Posterior, Left, Right.

Scrolling With the Image Slider Bar

You can scroll using the image slider bar located below the image regardless of the selected tool.

To scroll through images using the image slider bar

- Click the slider and drag left or right.

You can also "jump" to an image by clicking directly on the image slider bar.

Viewing Measurements and Annotations Saved as GSPS

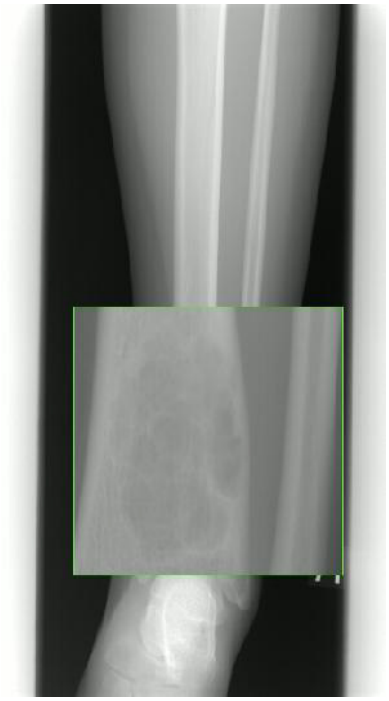
Some data sets contain measurements and annotations saved from another viewing system as GSPS (Greyscale Softcopy Presentation State) information. GSPS is displayed by default.

To toggle GSPS display

- Click the **GSPS Data** tool  .

Magnifying Part of an Image

You can magnify a region of an image with the **2D Lens** tool.



To toggle the 2D Lens tool

- Select **Lens** from the view menu.
- Press the **O** key.

To move the lens over the image

- Click on the magnified region and drag to reposition the magnifying glass.

Viewing Multiple Images With 2D Layouts

With 2D layouts, you can view several images simultaneously in multiple 2D views:

1x1 Single Layout

1x2 Side-by-side Layout


2x1 Top-Bottom Layout


2x2 Grid Layout

To select a 2D layout

- Click one of the 2D layout tools.

To display selected images in 2D layouts, do one of the following:

- Drag the desired series from the study list into each of the panes in the layout. (Desktop only)
- Double-click the desired series.
- Tap the desired series in the study list and tap the pane you wish to view the image in. (Touchscreen only)

Yellow reference lines appear when viewing and interacting with orthogonal images in other views.

NOTE: Reference lines are to be used for clinical reference only.

When scrolling is linked, images in different views that share a common frame of reference will scroll together.

To link scrolling

- Click the **Link Scrolling** tool  .

Working With Presets

You can select preset window and level using the presets panel.

To display the presets panel

- Select **Presets** from the view menu located beneath the view.

To select a preset from the presets panel

1. Select **Window/Level Presets**  from the view menu.
2. Select a preset.

Applying CT Presets (desktop only)

You can quickly apply CT presets to the image using the following shortcut keys on the number row.

Shortcut Key	Preset	Window Width	Window Level
1	Body Soft Tissue	350	50
2	Body Lung	1600	(-)500
3	Body Bone	1500	300
4	Body Liver	200	60
5	Head Post Fossa	200	40
6	Head Mid Brain	80	40
7	Head Blood	700	80
8	Head Bone	4000	600
9	Head IAC	3200	250
0	CTA MIP	700	250

Playing Through Images With Cine

Cine mode automatically scrolls through images at the current window/level and zoom settings. Motion studies, such as cardiac ultrasound or X-ray angiography, will automatically open in cine mode at the frame rate specified in the DICOM header.

NOTE: Image viewer interactions such as pan, zoom, window/level etc. are disabled while cine mode is activated.

To activate cine mode

- Select **Cine** from the view menu. The image slider bar will fill with color indicating data buffering progress.

To start scrolling

- Click the **Play** button . (You may start scrolling even while the data set is being buffered.)

To stop scrolling

- Click the **Pause** button .

To adjust maximum framerate

- Click the **fps** button and adjust the slider to the desired framerate.

To reverse scrolling direction

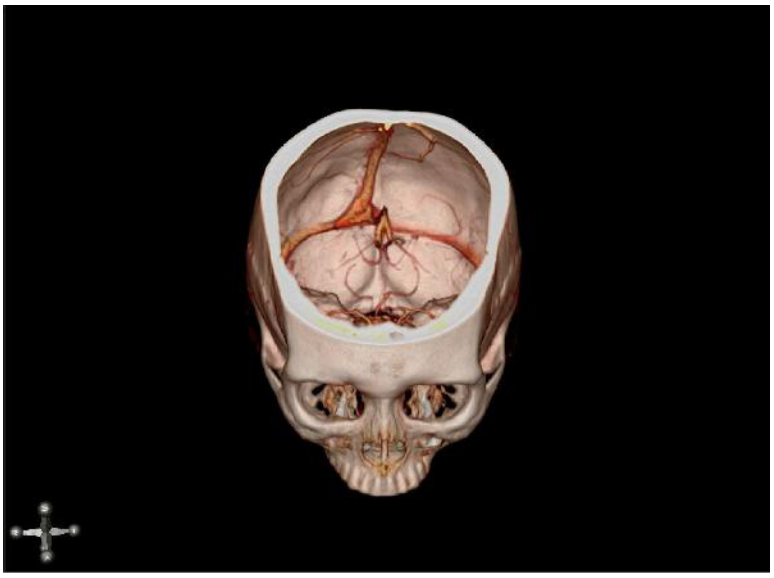
- Click the **fps** button and click to fill the **Playback Reversed** check box.

To deactivate cine mode

- Click the **X** button.

Viewing Data in 3D View Mode

In this view mode, you can view a study and its contents in a three-dimensional format.



All of the methods of navigating the data described in **Navigating Images** apply in 3D view mode.

In addition to those interactions, you can snap the volume to any of the six standard orientations by clicking the spheres on the orientation axis. The following shortcuts are also available on devices with a keyboard.

Keyboard shortcuts

You can use keyboard shortcuts to quickly snap the volume to any of the six standard orientations.

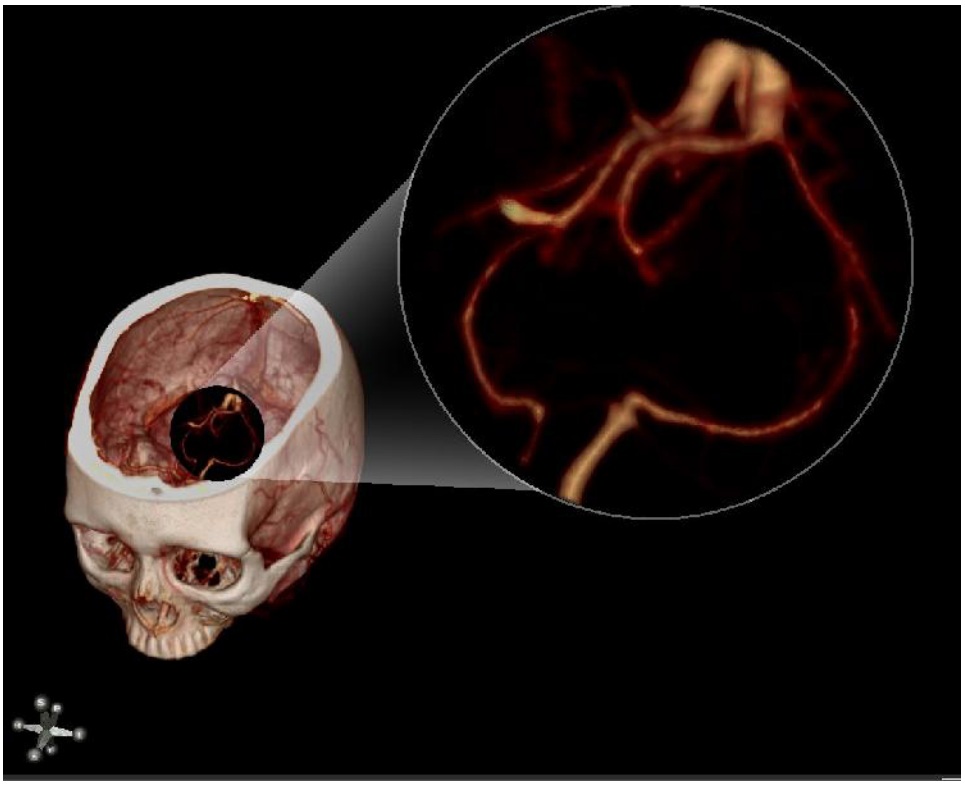
Orientation	Keyboard Shortcut
Left Lateral	**L**
Right Lateral	**R**
Posterior	**P**

Orientation	Keyboard Shortcut
Anterior	A
Superior	S
Inferior	I

Magnifying Part of a Volume with the Lens Tool (desktop only)

You can use the lens tool to magnify a selected portion of the volume in the 3D view mode while keeping the entire volume in the main view. A magnified view is displayed in the upper-right corner.

The lens tool is made up of a lens and a magnified view. The magnified view shows a close-up of the area covered by the lens.



To enable the lens tool

- Press the **O** key.

NOTE: The lens tool is only available in the 3D view mode.

To move the lens over the volume

1. Position the pointer over the lens to select the lens.
2. Click and drag to reposition the lens.

To move the lens through the volume

1. Position the pointer over the lens.
2. Scroll the mouse wheel up to push the lens deeper into the volume or down to move the lens in the opposite direction.

To adjust the magnification of the lens view

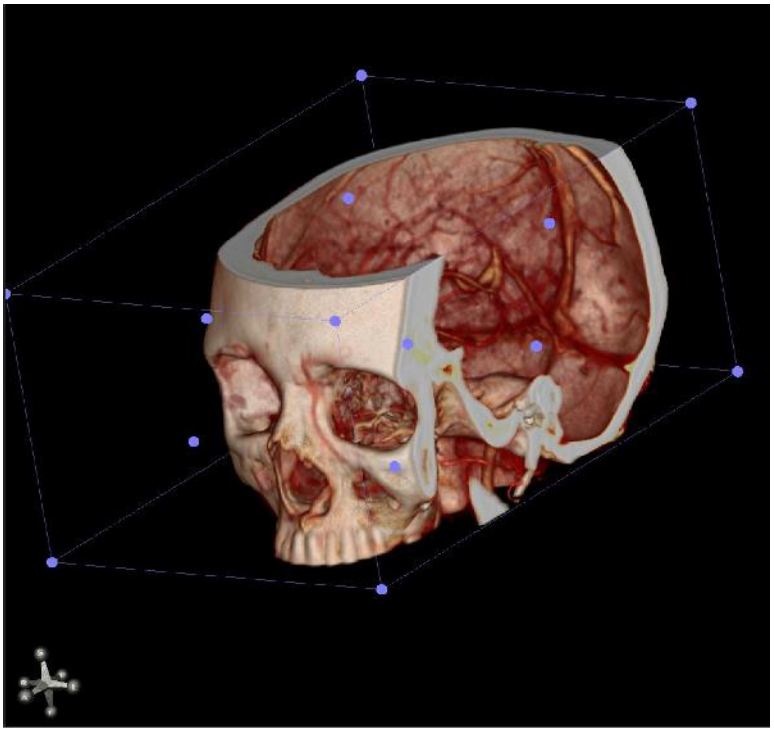
1. Position the mouse pointer over the magnified view. This selects the magnified view.
2. Do one of the following:
   - Scroll the mouse wheel up to increase magnification.
   - Scroll the mouse wheel down to decrease magnification.

Removing Obscuring Anatomy

This topic describes how to remove obscuring material from the volume.

Using Clipping Planes

You can slide clipping planes into the volume to cut away obscuring features. Clipping planes appear as a box drawn around the outside of the volume with spherical “handles” located on the corners and sides.



To toggle the clipping planes, do one of the following

- Select **Clipping Planes** from the view menu.
- Press the **C** key.

To rotate the clipping planes, do one of the following:

- Click on an edge of the clipping planes and drag.
- Click on a corner of the clipping planes and drag.

To resize the clipping box

- Click a “handle” located in the side of the clipping planes and drag.

To rotate the volume when clipping planes are enabled

- Click outside the clipping planes and drag.

To reset the volume’s clipping planes and orientation, do one of the following

- Click the **Reset** tool.
- Press the **HOME** key.

To reset the volume's clipping planes (desktop only)

- Press the **G** key.

Using the Scalpel Tool

You can use the scalpel tool to cut away obscuring anatomy with a much greater degree of precision than using clipping planes.

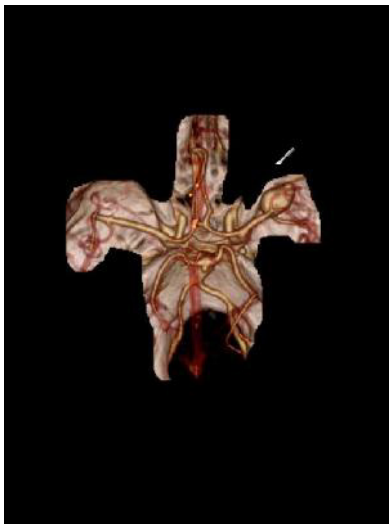
To toggle the scalpel tool

- Press the **X** key.

To cut away obscuring features

1. Left-click and drag the scalpel around the region of interest to create an outline.
2. When satisfied with the shape of the outline, release the mouse button. Position the mouse cursor over the region you wish to highlight and remove.

3. Press **Delete** to remove the region.

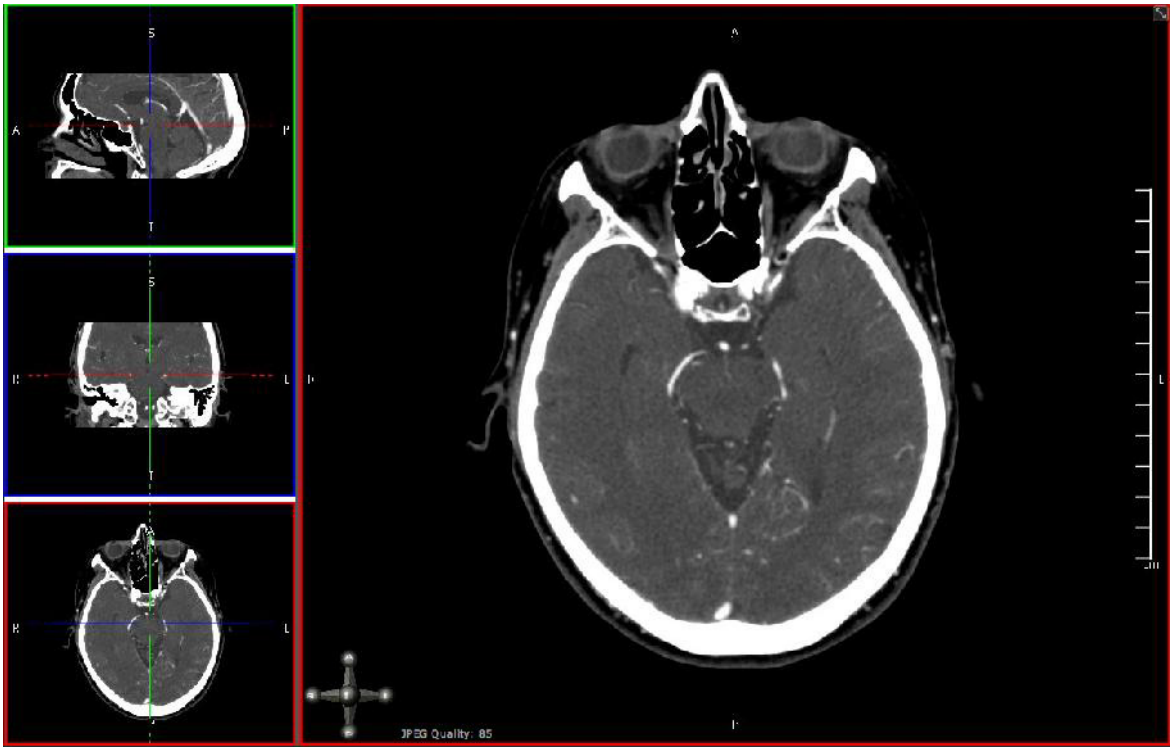


To undo cuts made with the scalpel tool

- While the scalpel tool is enabled, press **Z**.

Viewing Images in MIP/MPR View Mode

In this view mode, you can view a series in any arbitrary orientation or thickness.



Each of the colored positional lines in the orthogonal strip views represents the plane of one of the other views. For example, the red positional lines in the top and middle strip views represent the position of the bottom strip view with the corresponding red border. In this image, the plane represented by the bottom strip view is assigned as the main view.

To assign an orthogonal view as the main view

- Double-click the desired strip view.

All of the methods of navigating the data described in **Navigating Images** apply in MIP/MPR view mode.

In addition to those interactions, you can snap the volume to any of the six standard orientations by clicking the spheres on the orientation axis.

NOTE: For colorblind users, the three orthogonal strip views are framed in green (top), blue (mid), and red (bottom).

Manipulating Planes

The following procedures describe how to manipulate the planes in the strip views.

To move a plane orthogonally

- Click a solid part of a positional line and drag.

To rotate a plane

- Click a dashed part of a positional line and drag.

To freely move a set of positional lines

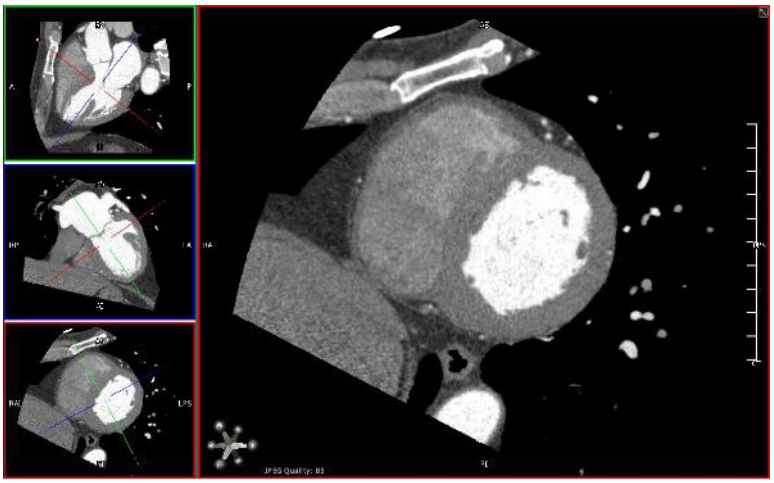
- Click in the center of the “cross hair” formed by the positional lines and drag.

  You can also instantly center the positional lines on a region of interest by directly triangulating a point.

To directly triangulate a point

- Hold **CTRL** and click on a desired point in any of the strip views. (Hold **CMD** and click on Mac)

The following double oblique view was created using these methods.



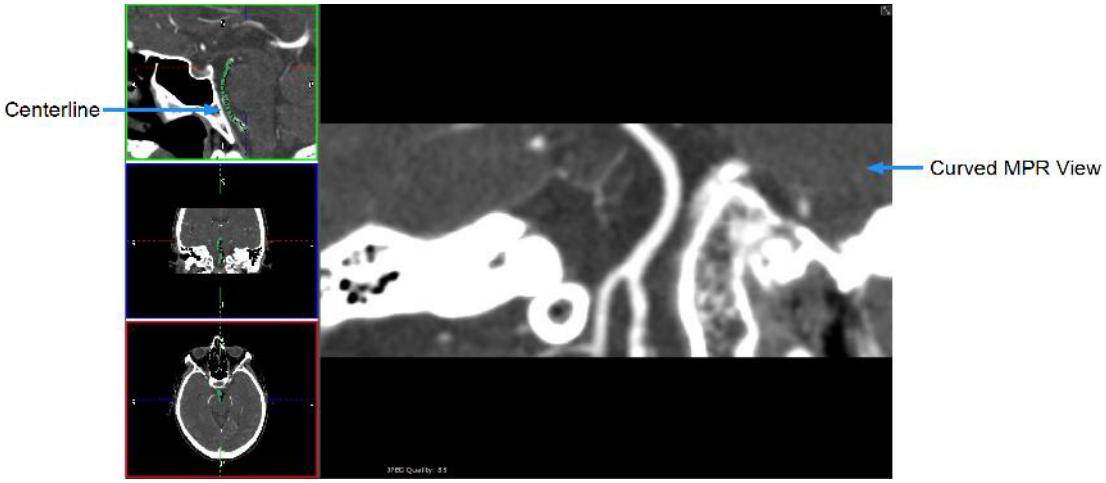
Applying CT Presets (desktop only)

You can quickly apply CT presets to the image using the following shortcut keys on the number row.

Shortcut Key	Preset	Window Width	Window Level
1	Body Soft Tissue	350	50
2	Body Lung	1600	(-)500
3	Body Bone	1500	300
4	Body Liver	200	60
5	Head Post Fossa	200	40
6	Head Mid Brain	80	40
7	Head Blood	700	80
8	Head Bone	4000	600
9	Head IAC	3200	250
0	CTA MIP	700	250

Using Curved MPR

You can assign the curved MPR view to the main view by double-clicking the curved MPR view, as seen in the following example.



The following procedures describe how to use the curved MPR view.

To enable curved MPR

- Select **CMPR** from the view menu.

By default, the bottom left pane becomes the curved MPR.

To define a centerline, do one of the following:

- Hold down the left mouse button and draw the centerline in any of the views. (desktop only)
- Draw the centerline by dragging your finger on any of the views. (touchscreen only)
- Define a centerline by clicking points in any of the views.

NOTE: You can zoom and scroll through slices while defining a centerline.

To adjust the centerline

- Click and drag any of the handles along the centerline.

To rotate the curved MPR view

- Click and drag anywhere in the curved MPR view.

To reset curved MPR (desktop only)

- Press the **D** key.

To undo changes to the centerline (desktop only)

- Press the **Z** key.

NOTE: Pressing the **Z** key repeatedly will undo successive changes.

Working with Thick Slabs

Thick slabbing is useful for viewing a thicker portion of the data in a single image.

To enable thick slab

- Select **Thick Slab** from the view menu. The thickness of the slab will be displayed in the view.

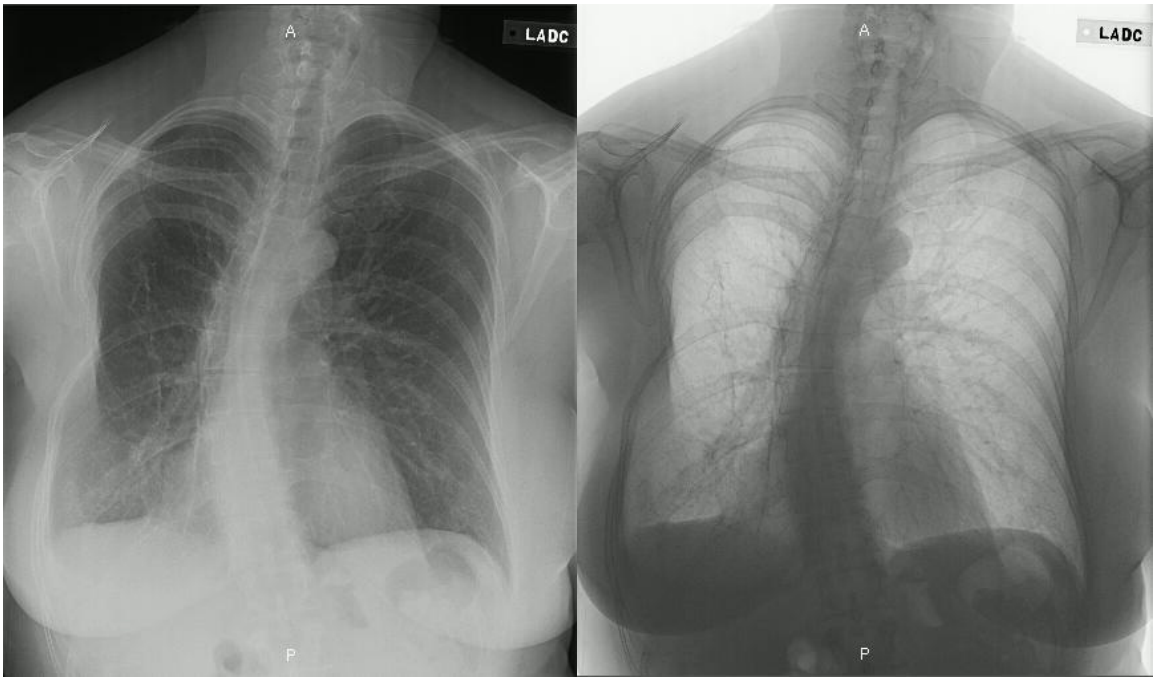
To adjust the thickness of the slab

- Click the **+** or **-** buttons.

NOTE: Enabling slabbing automatically creates a thick slab with a thickness of ten times the acquisition slice thickness.

Inverting Intensities

You can invert images in any of the view modes.



To invert intensities, do one of the following:

- Select **Invert Intensities** from the view menu.
- Press the **I** key.

Using Multi-Monitors

The Synapse® Mobility software supports the configuration and use of multi-monitors with a workstation by opening a new window which can be viewed on a separate monitor. This allows users to fully utilize the workspace of a multi-monitor workstation for viewing medical images and reports.

NOTE:

- Collaboration while using multi-monitor can be initiated from either monitor and will share the contents of that monitor with session participants.
- You can only view one 3D view or one MIP/MPR at a time.

To open a second window

1. Select the **New Window** tool .
2. Drag and resize the second window as desired.

Alternatively,

1. While in the image viewer, select **Display Settings** from the settings menu.
2. Select the **New Window** tool .
3. Drag and resize the second window as desired.

NOTE: Synapse Mobility supports a maximum of two windows.

To save the multi-monitor configuration

1. While in the image viewer, select **Display Settings** from the settings menu.
2. Select the **Save Displays** tool.

NOTE: Firefox and Internet Explorer 11 will launch, position and resize the second window. Chrome and Safari will launch the second window, but you will need to position this window as desired.

Adjusting Image Quality

Depending on the quality of your network connection, you can adjust the image quality to fine tune performance. Your adjustments are saved on your device and will be used in the future.

The interactive quality slider adjusts the image quality during interaction with the volume and reduces the amount of network bandwidth used. The final quality slider adjusts the quality of the image after interaction.

To adjust image quality

1. Select **Display Settings** from the settings menu.
2. Adjust the quality sliders.

NOTE: User-selected quality settings may result in information loss from the original imagery. Diagnostic interpretation should not be formed from the interactive images but only from the static, final-quality resulting image.

Getting Around With Keyboard Shortcuts (desktop only)

You can quickly get around the interface with the following keyboard shortcuts:

General Navigation

Keyboard Shortcut	Function
SHIFT-W	Move focus to study list
SHIFT-V	Open image viewer
SHIFT-R	Open search results
SHIFT-S	Open and move focus to search panel
SHIFT-X	Toggles study list panel if the screen is large enough to show both the viewer and study list

Image Viewer

Keyboard Shortcut	Function
HOME	Reset view
-	Zoom out
+	Zoom in
SHIFT-Click and Drag	Pan/Translate

Keyboard Shortcut	Function
DELETE	Remove selected markup or node. Removes selected area in 3D scalpel
Right-click and Drag	Window/Level
V	Reset Window/Level
CTRL-SHIFT-Click and Drag	Zoom

2D

Keyboard Shortcut	Function
Click+Drag	Scroll
CTRL-SHIFT-Click and Drag	Zoom
Right-click and Drag	Window/Level
ALT-Mouse Wheel	Zoom
D	Reset Pan and Zoom
S	Return to default slice
1-0	Window/Level presets
I	Invert intensities
T	Invert intensities

Keyboard Shortcut	Function
O	Toggle magnifying glass
LEFT ARROW	Scroll up
RIGHT ARROW	Scroll down
UP ARROW	Navigate one image stack up in a multi-stack series
DOWN ARROW	Navigate one image stack up in a multi-stack series

MIP/MPR

Keyboard Shortcut	Function
Click+Drag	Scroll
ALT-Mouse Wheel	Zoom
ALT-click and Drag	Auto Scroll
CTRL-click	Triangulate
E	Toggle extents
S	Toggle slabbing
C	Reset pan and zoom in current view
D	Reset pan and zoom in all views

Keyboard Shortcut	Function
I	Invert intensities
T	Invert intensities
LEFT ARROW	Scroll up
RIGHT ARROW	Scroll down
UP ARROW	Navigate one image stack up in a multi-stack series
DOWN ARROW	Navigate one image stack up in a multi-stack series

3D

Keyboard Shortcut	Function
Click+Drag	Rotate
ALT-Mouse Wheel	Rotate about horizontal axis
L	Left Lateral view
R	Right Lateral view
P	Posterior view
A	Anterior view
S	Superior view

Keyboard Shortcut	Function
I	Inferior view
G	Reset clipping panes
O	Toggle lens tool
C	Toggle clipping planes
X	Enable scalpel
Z	Undo scalpel
LEFT ARROW	Rotate left about the vertical axis
RIGHT ARROW	Rotate right about the vertical axis
UP ARROW	Rotate up about the horizontal axis
DOWN ARROW	Rotate down about the horizontal axis

Accessing Documentation

This user guide and other information are accessible from the *Synapse® Mobility* software.

To access documentation

1. Click the **Documentation** tool  .
2. Click the document you wish to view.