

Viewing Images

The screenshot shows the InteleConnect Enhanced Viewer interface. At the top, there's a search bar and a message: "Searching for patients with compound names?". Below it, a "My patients" dropdown menu is open, showing three results: Pennington, Bonnie Renee (1906-Apr-12, 111 Y); Henry, Constance Esther (1965-Oct-29, 61 Y); and Battle, Howard Max (1935-May-19, 82 Y). To the right, a detailed view of the study "CR CHEST 2 VIEWS FRONTAL AND LATERAL" is shown. It includes fields for Priority (Unknown), Accession Number (1835412746), Referring Physician (N/A), Organization (IMS), Status (Unknown), Study Date (2004-Jul-12 09:22 AM), Radiologist (Unknown Radiologist), and Location. Two thumbnails are displayed: "CR PA (1 image)" and "CR LAT (1 image)".

1. Open the order that you want to view.

2. Click a thumbnail to view the images in InteleConnect Enhanced Viewer.

Using the Interface

The screenshot shows the InteleConnect Enhanced Viewer interface with several annotations:

- Prior studies list:** Click the pin icon to pin the study to the thumbnail strip.
- Show or hide the viewport text overlay (O):** A red arrow points to the "O" icon in the toolbar.
- To view images, drag images from the thumbnail strip to the viewports:** A red arrow points to the thumbnail strip.
- To navigate through a study, press the Right Arrow/Left Arrow key, or move the mouse wheel down/up, to view the next/previous page of series:**
- A yellow star indicates the current study:** Points to the star icon in the prior studies list.
- Gray outline indicates a series in an unselected viewport:** Points to a gray-outlined image in the top row.
- Prior studies are distinguished with a color scheme:** Points to a red-highlighted image in the top row.
- Viewports:** Yellow outlines indicate the selected viewport. A red arrow points to the bottom-left image.
- Yellow outline indicates the selected viewport:** Points to the bottom-right image.

Toolbar Functions

Icon	Shortcut	Function
	S	Scroll through images. Click and drag or rotate the mouse wheel, move the viewport scroll bar, or press the UP ARROW and DOWN ARROW keys.
	Tool: W Presets: ALT+3 (Chest); ALT+4 (Abd/Pel); ALT+5 (Lung); ALT+6 (Brain); ALT+7 (Bone); ALT+8 (Head/Neck)	Adjust the window level manually by using the Window Level tool, or select a window level preset* (4.14.1.EV.1.3.0 or later) for CT images.
	Z	Zoom all images in the selected viewport. Click and drag up/down to increase/decrease the magnification level.
	P	Pan all images in the selected viewport. Click and drag the viewport image to the desired location.
	I	Invert the colors for all images in the selected viewport.
	SHIFT+H / SHIFT+V	Flip all images in the selected viewport horizontally/vertically.
	, (comma) / .(period)	Rotate all images in the selected viewport 90 degrees to the left/right.
	B	Reset all images in the selected viewport.
	M	Measure straight lines. Click the start and end points for the line segment.
	SHIFT+A	Measure simple angles. Click the start, vertex, and end points for the angle measurement.
	SHIFT+C	Measure cobb angles. Click the start and end points for the first line, and then the start and end points for the second line.
	X	Measure the pixel intensity and color values. Position the mouse cursor over the image location, or click to pin the measurement to the image.
	C	Activate or deactivate the 3D Cursor tool (4.14.1.EV.1.2.0 or later).*
	R	Show or hide reference lines (4.14.1.EV.1.1.0 or later).*
	SHIFT+S	Activate or deactivate the Super Stacking tool (4.16.1.EV.1.11.0 or later)
	L	Activate or deactivate the Auto Linked Stacking tool (4.14.1.EV.1.3.0 or later)*, or use the drop-down menu to enable or disable the DICOM Registration Data option (4.16.1.EV.1.15.0 or later).
	n/a	Activate or deactivate the Manual Linked Stacking tool (4.16.1.EV.1.9.0 or later).*
	Series layouts: 1 (1x1); 2 (1x2); SHIFT+2 (2x1); 3 (1x3); SHIFT+3 (3x1); 4 (2x2); 5 (2x3); SHIFT+5 (3x2); 6 (3x3); 7 (3x4); SHIFT+7 (4x3); 8 (4x4); 9 (3x6); SHIFT+9 (6x3)	Change the series viewport layout, or the image viewport layout (US only). Image viewport layouts require version 4.16.1.EV.1.4.0 or later.
	O	Show/hide the textoverlay.
	T	Activate/deactivate Distraction Free mode to hide/show the toolbar, Study list,

Icon	Shortcut	Function
		and Thumbnail strip (4.14.1.EV.1.3.16 or later).
	F	Activate/deactivate full-screen mode.
	Y	Apply or clear presentation states, or use the drop-down menu to set whether to apply or clear presentation states by default (4.14.1.EV.1.9.3 or later).***
	n/a	Open the selected viewport dataset in Advanced Visualization mode (4.14.1.EV.1.4.0 orlater).
	SHIFT+D	Download the image in the selected viewport (4.16.1.EV.1.16.0 or later).
	ALT+P	Print the selected image (4.14.1.EV.1.3.1 or later).
	n/a	Open the About dialog, Online Help, New Features dialog (4.14.1.EV.1.3.23 or later)**, Release Notes (4.14.1.EV.1.3.18 or later), Quick Reference Card (4.14.1.EV.1.3.18 or later), and User Acceptance Testing (UAT) results (4.16.1.EV.1.7.8 orlater).
	n/a	Close InteleConnect Enhanced Viewer and return to the portal Case Viewer.

*Requires IntelePACS 4.12.1 R39 or later, 4.13.1 R20 or later, or 4.14.1 R15 or later.

**Requires IntelePACS 4.12.1 R55 or later, 4.14.1 R35 or later, 4.15.1 R20 or later, or 4.16.1 R7 or later.

***An internet connection to Amazon Web Services is required to setthe presentation-state default.