


eHealthViewer®

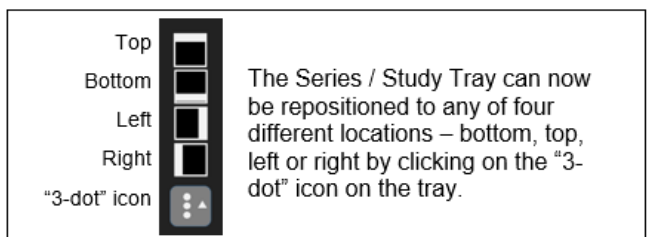
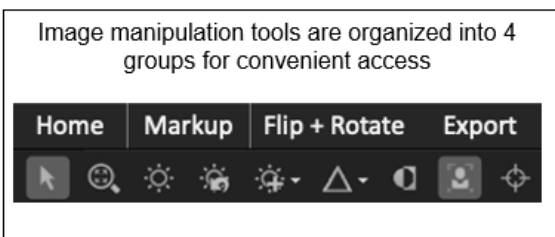
2020 Announcement and Quick Start Guide

eHealth Technologies is delighted to announce the availability of **eHealthViewer 2020**, with significant enhancements for Health Information Exchange (HIE) constituents who are using *eHealth Connect® Image Exchange*.






As before, eHealthViewer 2020 is a robust, web-based, zero-footprint medical image viewing tool. It provides HIE users with a unified platform to view medical images from all participating locations, in fully diagnostic quality. This year we have added even more capabilities while improving ease of use. Following are a few of the key improvements, but there are even more so we encourage you to explore them on your own. If you need assistance at any time, click the *Help* () icon for further detail and guidance.

Better Organized Tools with Cleaner Look & Feel

eHealthViewer 2020 has been updated and refreshed with a cleaner look and feel. Our expanding array of tools are now organized into 4 groups to enable faster access to the images and tools you need.



Expanded Array of Image Manipulation Tools and Features

	Series Reposition: Click to turn on Series Reposition mode. Select and drag it to another viewport.
	Paper Print: Now available in both Flash and HTML5 mode: Print either the selected image or up to 24 images on paper. <i>Not intended for diagnostic reading.</i>
	Free Rotate Tool: eHealthViewer users can now rotate images by arbitrary angles.
	Image Sharpening: Users can now define sharpening levels on viewed images using pre-configured defaults to apply a sharpening mask to images.
	Magnifying Glass: The magnifying glass features an adjustable zoom, and you can have up to four magnifying glasses open at a time.

The eHealthViewer may be accessed in a variety of ways from the HIE:

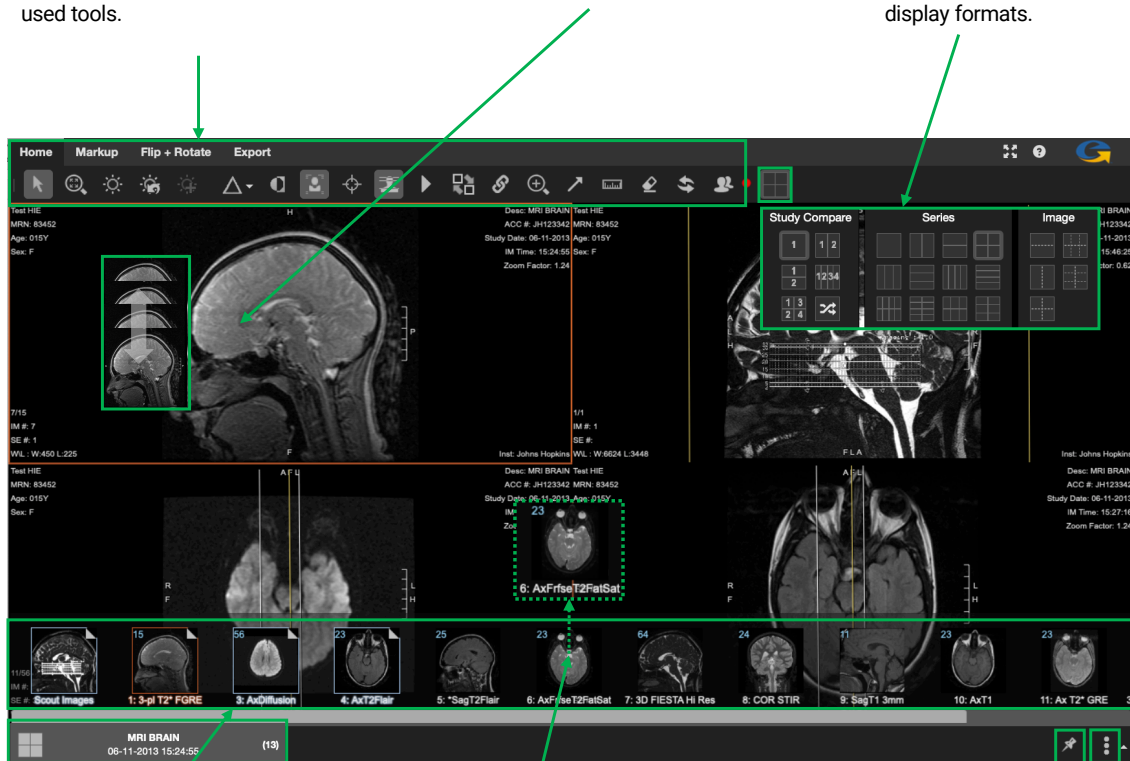
1. **Image-Enabled Results Reporting:** Navigate to a results report from an imaging provider that has been enabled with eHealthConnect Image Exchange and select the view image link or icon.
2. **HIE-Wide Patient Imaging Worklist:** Select one or more studies from the HIE-Wide Patient Imaging Worklist for rapid side-by-side comparisons, even if the studies were performed at different locations.
3. **Image-Enabled Results Delivery:** Select the view image link or URL from a report that has been delivered by the HIE to your EMR or DIRECT Inbox.

eHealth Viewer 2020 Screen Layout

Tools are organized into 4 groups. Each tool will function differently depending on the type of study being viewed. See the next page for more information on commonly used tools.

Navigate through images within a series by using the mouse wheel, up and down cursor keys, or by left-clicking the mouse on the image and moving it up and down.

Display formats are available from the toolbar. Icons with a dotted line represent image level display formats. Icons with a solid line represent series or study level display formats.



Select the study button at the bottom to display the available series or studies

To change the series being displayed, scroll through the Series Tray using the left and right cursor keys. Left-click the series thumbnail and drag it into the display view.

Click the "push pin" to keep the series tray open and the "3-dot" icon to reposition the series tray.

Commonly Used Tools



Select the **Help** icon in the upper right corner for additional information and assistance. Not all functions depicted in the Help screens will be available on the eHealthViewer user interface.

	Fullscreen: Select this icon in the upper right corner of the display, to enable full screen viewing.		Cine: Allows a series to be displayed like a movie. The speed and subset of images displayed may also be adjusted.
	Navigate: The Cursor tool allows users to enter image paging mode.		Linear Measurement: Provides the ability to make length measurements.
	Zoom/Pan: The mouse wheel or other scrolling tool permits zooming in and out. Hold the left mouse button to pan the image.		Angle Measurement: Allows for the measurement of angles.
	Window/Level: The Window/Level tool changes window width and level center (image contrast and brightness).		Ellipse ROI Tool: Selects an elliptical region and provides a variety of measurement characteristics.
	Invert Brightness: This tool inverts the polarity of an image (black -> white, white -> black).		Freeform ROI/Doppler Envelope: Selects a freeform region and provides a variety of measurement characteristics including Doppler Envelope.
	Flip: Flips an image on its vertical axis (left-to-right).		Cobb Angle Measurement: Enables capabilities such as measuring spinal curve progression to quantify scoliosis.
	Rotate: Rotates an image 90 degrees clockwise or counterclockwise.		Magnifying Glass: Magnifies an area of an image without markups and overlays. You can have up to 4 magnifying glasses open at one time.
	Toggle Demographics: Toggles the display of patient and study-related meta data ON and OFF.		Eraser: Allows the user to select and erase measurements and markup.
	Triangulation: Displays an overlay on a corresponding point on another series in a different plane. Hold and drag to reposition.		Layout: Allows the user to define how images, series, and studies are presented in the viewing windows.
	Toggle Reference Lines: Toggles Scout/Reference lines on and off.		Revert to Original: Allows the user to reset a series of images to their original state.
	Link Series: Enables common operations (Navigate, Window/Level, Zoom/Pan) to be performed on a group of series. Navigation linking will adjust automatically to anatomical		Collaboration (Share This Session): Users viewing same patient exam(s) can collaborate in real-time with one-click.

Note: If you initially receive a message that your browser has blocked pop-ups from your HIE's server location, change your desktop or mobile browser setting to "always allow pop-ups for this site"