Main Line Health®

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eUnity Reference Deck

Disclaimer: eUnity is an FDA certified diagnostic quality viewer, but not intended for primary diagnosis. Zero-image studies, image reports, mark-ups and annotations are not available in eUnity.

eUnity Launch Locations

- **From Epic Hyperspace:** Clicking the image link in any radiology or cardiology report will launch eUnity*

- **From Haiku / Canto:** Clicking the image link in any radiology or cardiology report will launch eUnity in your mobile web browser

- **From Citrix:** You can log into Citrix at https://access.mlhs.org/vpn/index.html and there you will find a link to eUnity

- **From your desktop:** If you are on a Main Line workstation, you will find the eUnity icon on your desktop (pictured below)

- **Direct internet access:** You may login to eUnity directly by navigating to https://eunity.mlhs.org and looking up the appropriate patient

- **Direct intranet access:** You may login to eUnity directly by navigating to Clinical Applications → Enterprise PACS → eUnity PACS Viewer

*This will work whether you are logged into Epic on-site or remotely through Phone Factor

Search Screen

1. Log out
2. Documentation
3. Change Search screen theme
4. Sort by column
5. Search templates
6. Hide or show the search panel
7. Data Source
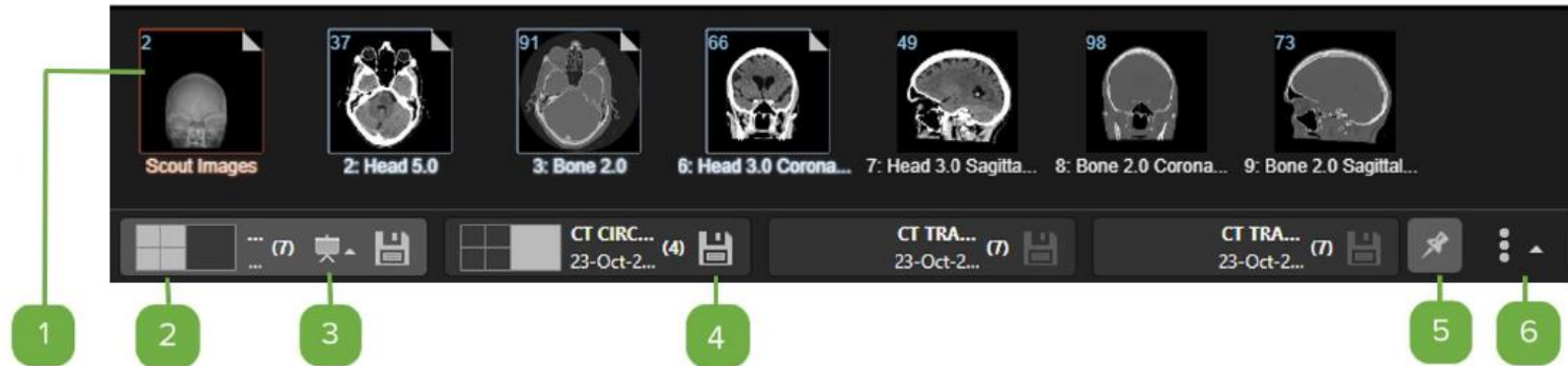8. Search fields
9. Modality filter

Image Screen
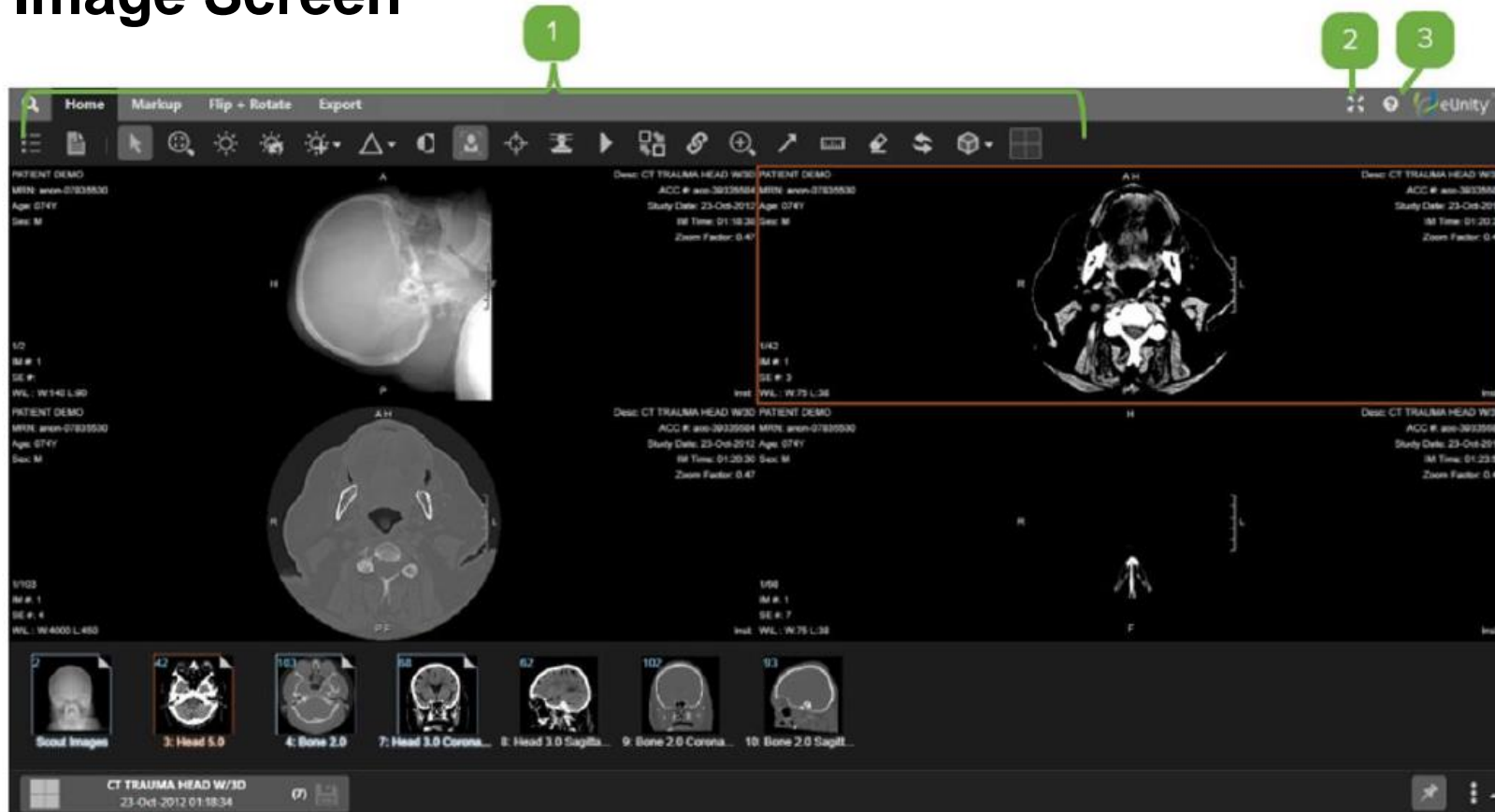
1. **Tools**
2. **Toggle fullscreen mode on and off**
3. **Launch Help – contains the default keyboard shortcuts**
4. **Series Tray**

Series Tray

1. **Thumbnail view** – the series that is currently active will be outlined in orange, the series that are in view but not active are outlined in blue. The folded corner indicates that at least one image was viewed in the series
   - Loading study from Study List
     - Double-click on a series or image on the Series Tray to load it on the active viewport (the viewport outlined in orange in the viewing area)
     - Alternatively, drag the series or image to the desired viewport
2. **Study position indicator** – shows the position of the study in the screen. If the study is not displayed on the screen, then it will not have a position indicator
3. **Presentation State** – allows users to toggle between different presentation states
4. **Save Presentation State** (if enabled) – allows the user to save markups
5. **Toggle Series Tray docking** – pins the available series so that they are always displayed
6. **Control Bar Location Selection** – The Series Tray can be located at the bottom, top, right, or left side of the screen.

Tools – Home tab

Once a study is selected, the images will display on the screen. There are several tabs along the top left corner of the screen, the tabs are listed below along with the tools in each tab. Image adjustments and markups are not saved by eUnity.


Icon	Tool	Description
	Study List	• Lists studies available for the patient (if configured)
	Report/Comment	• Report (if available and if configured) • Study comments
	Navigate	• Default tool • In Navigate mode, left-click and drag to scroll thorough images
	Zoom/ Pan	• In Zoom/Pan mode, use the mouse wheel or other scrolling tool to zoom into content • Left-click and drag to pan
	Window Level	• In Window Level mode, left-click and drag to adjust Window Level
	Reset Window Level	• Click the tool to reset Window Level
	Window Level Presets	• Click the dropdown for modality-specific Window Level Presets

Tools – Home tab (continued)

Icon	Tool	Description
	Toggle Demographics	• This tool is on by default to display patient demographics and study data • Toggle off to remove demographics and study data
	Triangulation	• In Triangulation mode, hold down the left mouse button. The crosshair will indicate the corresponding point on other series within the study
	Toggle Reference Lines	• Reference Lines mode can be used with triangulation or alone to provide a reference line
	Series Reposition	• In Series Reposition mode, drag the series into different ports
	Navigation / Zoom and Pan Linking	• Select the tool to link multiple series together. Scroll, pan and zoom the series in unison • Hold the Alt key to scroll linked series independently • Series need to be within 5mm of each other to be linked

Tools – Home tab (continued)

Icon	Tool	Description
	Magnifying Glass	• Click to magnify an area of an image.
	Arrow	• Select the tool, left-click to start and left-click to end the arrow or hold the left-click and drag
	Linear Measurement	• Select the tool, left-click to start the measurement and left-click to end the measurement or hold the left-click and drag
	Eraser	• Select the Eraser tool and click on a markup to delete it • Alternatively, select the measurement and hit the Delete key
	Revert to Original	• Click the tool to reset the active series to its original state
	Share This Session	• Collaboration tool used for screen sharing • Once Collaboration mode is activated, the connection indicator will turn green. Other users can see the cursor and changes made to the study if they 1) login to eUnity 2) view the same study and 3) activate "Share This Session" • Click to exit collaboration. When the indicator turns red, you are no longer in collaboration mode.
	Screen Layout	• Allows the user to change the layout from single to double monitor (if enabled) and to select how each monitor is split • Each monitor can be split by images, series or studies • Use this tool to activate Study Compare mode