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Cardiac Viewer 2D Mode

In the Cardiac Viewer's 2D mode, you can review original axial images as acquired by the scanner, in various layouts. Scrolling through images in the 1x1 mode is a very efficient way to quickly review a patient study.

Load Multiple Studies in Application

To load multiple studies in the application:

1. Use the **Ctrl** key when selecting studies from the Directory list.
2. Select the application from the Applications menu.
3. Confirm the studies are from the same patient.

NOTICE

2D mode functions that are not unique to the Cardiac Viewer are only summarized in the following pages.

NOTICE

When loading data into an application, ensure the orientation shown on the images is consistent with the images' appearance. This precaution is required for data that contains wrong orientation information because the data will be incorrectly presented within the application.

Cardiac Viewer 2D Viewing Tools

Use the Cardiac 2D Viewer Tools to review images as acquired by the scanner.

See **Report**, **Film**, **CT Common Processes** and **CT Common Tools** for information on using common options, tools, functions, and processes.

Orientation

Use to flip and rotate the images top-to-bottom, right-to-left and vice versa on the display.

Layout

The Layout function controls the arrangement of images displayed in the viewport. Click the Layout down-arrow to select from four image layout arrangements, 1x1, 2x2, 3x3, 4x4, and Custom. Custom Layouts allow you to define your own layouts.

Compare

The Compare function allows you to perform a side-by-side review of selected images from the series tree. When the Compare mode is active, you can click a Spread button to spread the images you are comparing across both of the system's monitors.

Relate

The Relate function helps orient yourself in the viewer. Clicking a location in one viewport marks the same location in other viewports, and other viewing modes.

Move to Next or Previous

Use this function to move to the next or previous series in the patient study. The button is enabled when more than one series has been loaded to the current application.

Combine

The basic Combine function combines groups of original thin "slices" into fewer, thicker "slices" for viewing, filming, reporting or saving. Advanced Combine allows you to manipulate the basic combined sets of images by adding them to each other or subtracting them from each other.

NOTICE

Combined images should not be used as the SOLE basis for clinical diagnosis.

Alternate

The Alternate function allows you to define two different window/level presets for an image or group of images and switch between them.

Clone

The Clone function allows you to copy the windowing, zoom, pan, enhancement, and inverse window parameters from one image (the “source”) to one or more other images (the “target”).

Duplicate

The Duplicate function creates a temporary series from the active selection.

Sort

The Sort function allows you to sort images using DICOM tags. You can use factory defined sorting protocols, or you can use the Custom sort feature to create your own sort protocol.

Selection

Use the Selection tools to select images. Selecting images allows you to perform the same manipulation on the selected images (such as zoom, scroll, pan, swivel and rotate).

When switching between selection modes, the active image in the new mode is the same image that was active beforehand.

- One image (at a time).
- A series of images.
- The screen (the whole window).
- All images loaded in the viewer.

Cardiac 2D Viewer Functions



To access additional Cardiac 2D Viewer functions, click the down arrow in the tab window, or hover the mouse over the tab window. The list of available functions displays.

Series

The Series tree displays a list of the studies and series that are loaded into the viewer, and also other elements (like batches) that have been created. Show Pictorials changes list to thumbnails

Bookmarks

While using a viewer or an application, you can use a bookmark at any time to “save the current status” of your work.

Batch

The Batch function allows you to create a series of sequential images for viewing, saving, reporting and filming purposes.

See **Report**, **Film**, **CT Common Processes** and **CT Common Tools** for information on using common options, tools, functions, and processes.
