Synapse 5.7 Viewer Window
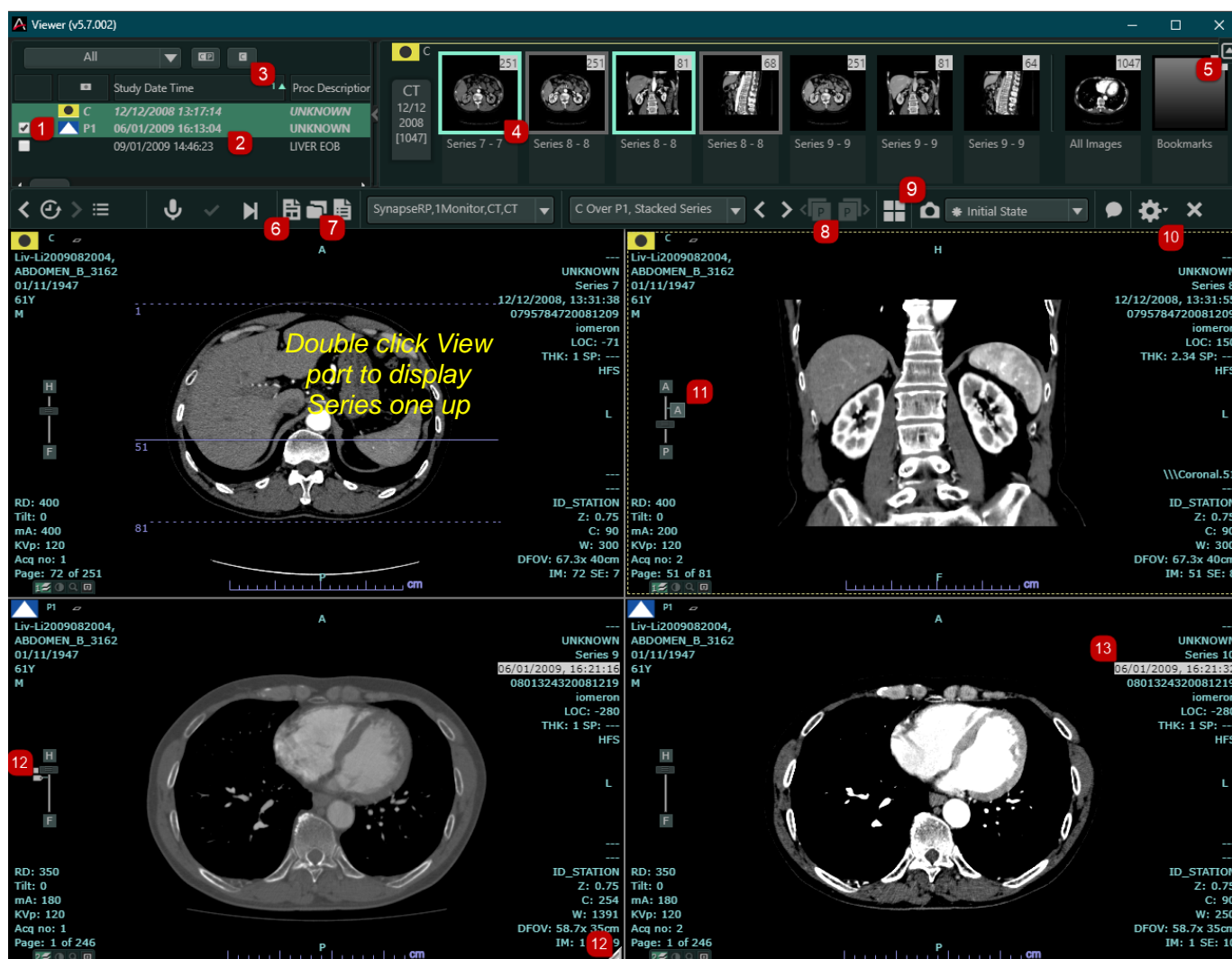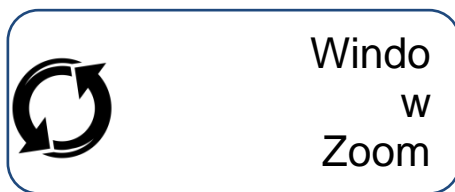

1. Study Icons, ⬤ is always the current study.
2. Double click history items to compare.
3. ▣ Compare off (return to 'Current' study only).
4. Series thumbnails; Drag into viewport or double click for independent series viewer.
5. ▲ Show/Hide thumbnail and history pane.
6. View Radiology Report.
7. Open Power Jacket.
8. Show next or previous "Prior Study".
9. Page Layout options.(see page 3 Synapse Reading Protocols)
10. Close Study.
11. Annotation Indicator (click Marker on slide bar to jump to Annotated image)
12. Bookmark Indicator (click marker on slide bar to jump to Bookmarked image)
13. Comparison or "Prior" study date-time stamp highlighted.

Important : *Synapse Viewer window and power jacket are considered popups by the browser. If the viewer does not display, ensure the popup blocker policy allows popups from your Synapse server.*

Synapse 5.7 Mouse Button Controls

- Right Click: Context Tools menu
- Double left click: One Up Series
- Hold Right button: Window level
- Hold Left Button: Drag to Swap
- Scroll Wheel: Scroll through a stacked series
- Press the Wheel + move: Dynamic scroll
- Double click the wheel: Intelilink (triangulation)
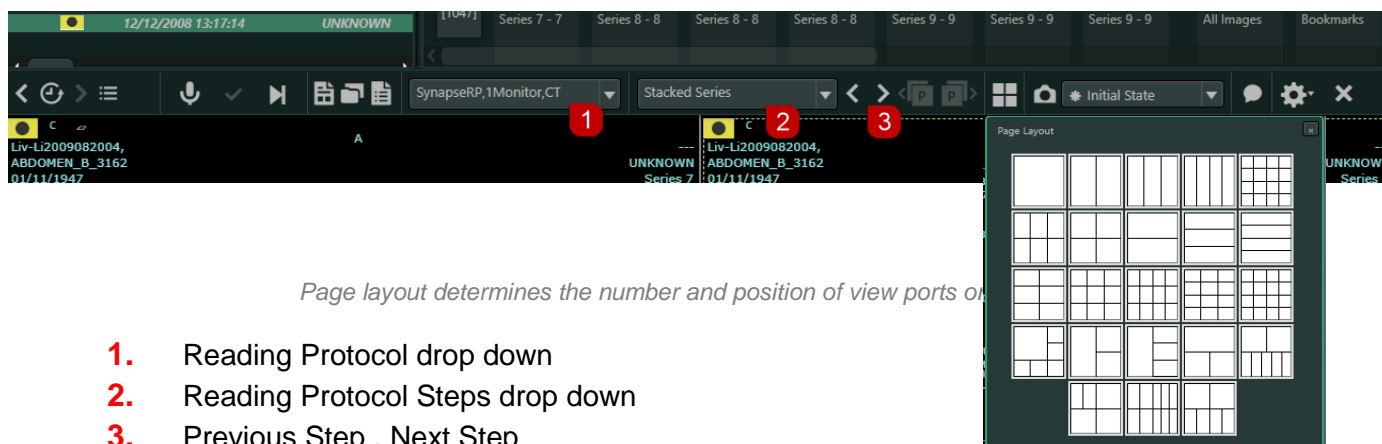
Mouse Button shortcuts;

tap
hold

Windo
w
Zoom

Popular Keyboard Shortcuts
(comprehensive list is available through the online user guide)

R+ Left Click	*Ruler*
G + Left Click	*Angle*
E + Left Click	*Elliptical ROI*
M + Left Clicks	*2 Point ROI (CT&MR)*
(Letter) i	*Toggle Intelilink (triangulation cross hair)*
Space	*Cine Loop*
(Letter) O	*Magnifier*
D + Left Click	*Density Value*
Hyphen "-"	*Zoom to Fit (default)*
Alt + 1	*Hide / Show Series Picker*
Shift +A	*Toggle Annotations*
Shift +R	*Image Reset*
Alt G	*Auto compare Same Series*
# 3	*3D MPR On / Off* *(Interactive overlay Axial, Coronal, Sagittal, Oblique)*
# 4	*3D quadrant view (# 3 to turn off)*
Back Slash "\"	*Zoom to Breast boundary*
Q	*Mammography quadrant view*

![Fujifilm Healthcare / SYNAPSE 5 logos]

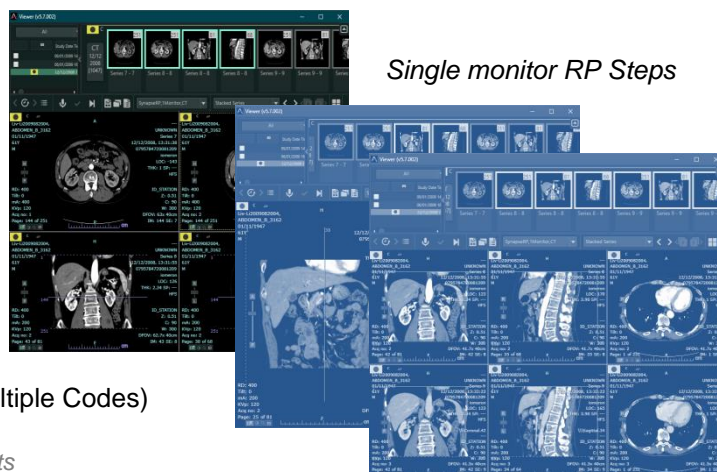# Synapse 5.7 Reading Protocols

Page layout determines the number and position of view ports o...

1. Reading Protocol drop down
2. Reading Protocol Steps drop down
3. Previous Step , Next Step

Synapse Reading Protocols (RP's) determine how a study or studies (Current ± Priors) are displayed within the synapse image viewer window. Reading protocols are made up of multiple steps, each step refers to one Synapse 5.x Viewer window. Subsequent steps can display different page layouts and series. By reviewing all the auto generated steps in a Synapse Factory RP, users can be certain they have reviewed all available series within a study.

Synapse 5 reading protocols fall into the following categories, and can be available to all, or selected users.

Single monitor RP Steps

1. Synapse Factory RP's
    1. Modality Based
    2. Current ±Prior cases

2. Custom Template RP's
    1. Modality Based
    2. Procedure Code Specific (Single or Multiple Codes)

Synapse RP steps can easily display different series or layouts

3. Current ±Prior cases

Synapse Reading protocols are also categorized by monitor count
and will be selected based on the workstation monitor count (or viewer window width*).

Custom template reading protocols are able to determine the series content of the view ports based on the following series criteria within the selected study.

- *Index* (the order the series are sent to PACS)
- *Series [description] contains* (any length alphanumeric text)
- *Image type* (primary / secondary)
- *Image orientation* (sagittal, coronal, oblique, transverse)
- *Contrast value* (true/false)
- *Rules target* (select from un-displayed series, or all series)

View ports can also specify factors such as Study reference (Current or prior), tile formats, inital zoo , text overlay (On/Off) and Image presets to apply automatically. For more details on advanced Reading Protocol functionality, please refer to the online user guide under [Image Layout / Reading Protocols]

* Monitor count is determined either by selection in Synapse 5 user settings, or based on automatic window width

Synapse 5.7 Worklist Page

1. Expand and collapse worklists.
2. Viewing history.(default last 7 days)
3. Right click a worklist to add it to your "favourites"
4. Global worklists (access VNA and PACS).
5. Default worklist; right click a worklist to make it your '*Default worklist'.*
    This will be your first view when opening the worklist page or refresh the page with F5.
6. Chevron to hide/show worklist pane
7. Your private Collection folders (See over for details on Collections)
8. Public Collections; collections that other users have shared with you.
9. Current logged on user, (click to Logoff)
10. Synapse Chat ICON opens chat window
11. Comprehensive Online user guide
12. Synapse user setting and configuration.
13. Adjust worklist font size
14. Worklist columns and QBE field, NB: QBE search is now a type ahead instant filter..
15. Show / Hide worklist thumbnails
16. Save your custom QBE filter.
17. Refresh the worklist with filter in place
18. Work list item, Double click to launch, right click for options.

Synapse 5.7 Collections

You can create Collections folders to provide a location in which to group quick references to specific studies, without relocating actual data. Examples of collections are: teaching files, legal cases, conference studies, or even studies that require additional follow-up.

The Collections folder that you create:

❖ *Removing items from a Collections folder does not remove or delete the items from the database.*

❖ *Collection folders, including nested folders, are always sorted alphabetically. To force Collections folders to display in a specific order, prefix a number to the folder name.*

❖ *If you have migrated from Synapse 4.x to Synapse 5.x, the image and study shortcuts in your User folders are now available in private Collections folders.*

❖ *If you migrate conference and nested folders from Synapse 4.x to Synapse 5.x, all of the migrated folders display at the same level.*

❖ *You can add any study or Snapshot to more than one Collections folder, but you can only add them to one folder at a time.*

       ❖ Is only visible to you
       ❖ Can be renamed and deleted
       ❖ Contents can be moved from one Collections folder to another
       ❖ Consistent with the Worklist and PowerJacket, Collections folders display the Lock (concurrency) icon to indicate that other users with dictation privileges currently have the unread study open.

Creating Collections

Synapse provides a default folder labeled as My Collection. You can add and delete contents from this folder, but unlike the Collections folders you create, this default folder cannot be renamed or deleted.

To create a Custom Collection Folder:

1. Right-click on the Collections header in the Worklists pane and select *New*.
2. Enter a name for the Collection folder in the *Name* text field and Click *Save*.
3. Right Click cut and Paste to '*nest*' a collection into an existing collection folder,
4. Right click on a collection folder to set permissions and sharing options.

   NB: Nested folders (up to 5 layers) are public or private based on parent folder permissions.

Adding and reviewing Content

Study shortcuts can be added from a worklist by simply dragging and dropping from the worklist onto the collection folder in the worklist pane, or by right clicking on a study entry and selecting "Add to Collection". Choose the collection from the subsequent list.

Studies can be added to a collection from with the viewer window, by right clicking on the snapshot 📷 n and saving a snapshot to the collection location.

This has the added advantage of capturing the current presentation state of the study including; windowing, annotations and scroll positions. The Snapshot will be named with a date time stamp by default, or can be given a Meaningful name.

Review content of a collection by double clicking on entries like any other worklist, Synapse Viewer window will open and display the study