

EV lite

Simplified Viewer Software (For Distribution)

Referral Disc for Other Facility - Instruction Manual

- This disc includes the personal information of patients. Please be extra cautious in handling this.
- PSP Corporation (hereinafter referred to as our company) and the distributing facilities of this disc will not be held responsible for any damage resulting from the use of this disc.
- This program can only be executed from the distribution media (CD/DVD, etc.).
- This disc was created by our company's EV Insite R viewer software for interpretation.
- Patent rights, copyrights, trademarks, and all other rights to this program belong to our company.

PSP Corporation



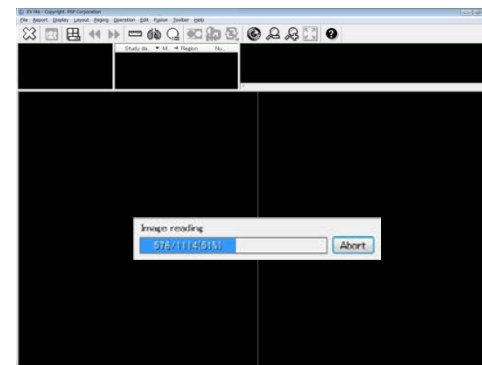
Recommended Operating Environment

OS: Windows XP SP 2 or later, Windows Vista Business, Windows 7 Professional
Memory: 2GB or more (minimum of 1GB)

How to Start

Insert the referral disc into the disk drive of your computer.

The image saved in the disc will automatically expand into an image display area.

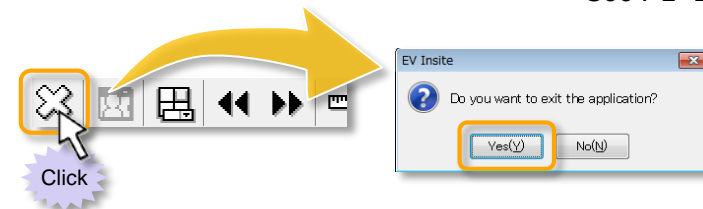


If it is not displayed automatically, open your disk drive from "My Computer", go to the "OTHER\EVLITE" folder, and double-click "EVClientLight.exe" to launch.

How to Exit

To exit, click  on the toolbar.

→ See P2 "Display Configuration"



A confirmation dialog box will be displayed once you click this. Click [Yes] to exit.



Display Configuration

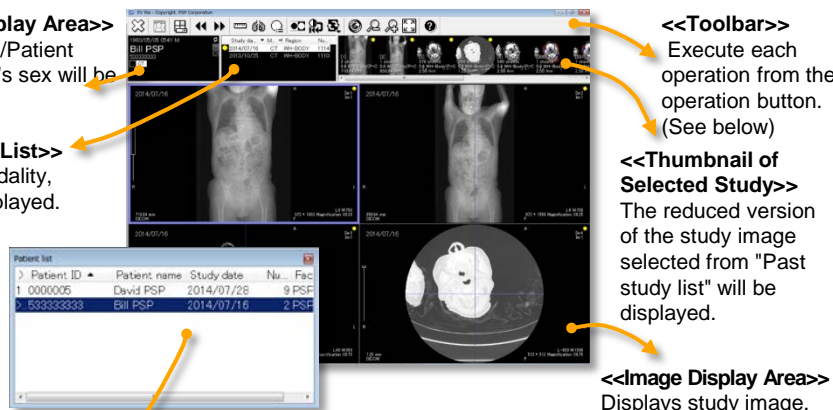
* The toolbar, number of split screens, displayed items, etc. may vary depending on the preferences.

<<Patient Display Area>>

Patient's name/Patient ID/Age/Patient's sex will be displayed.

<<Past Study List>>

Study date/Modality, etc. will be displayed.

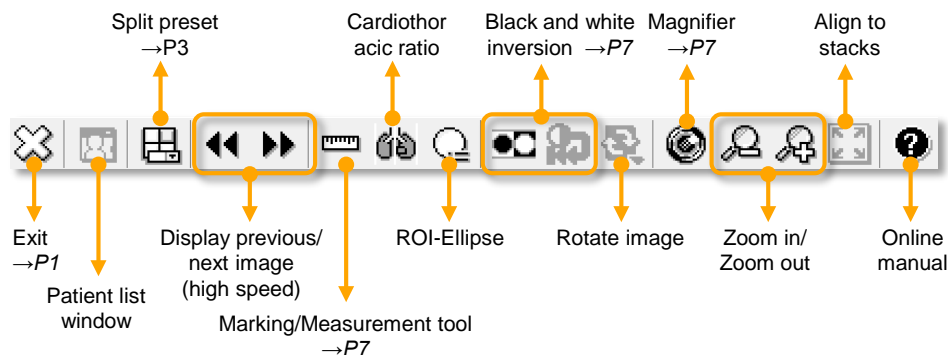


<<Patient List Window>>

It is displayed when studies from multiple patients are saved.

* The study image of the selected patient will be switched when you double-click on the patient.

Figure Toolbar functions

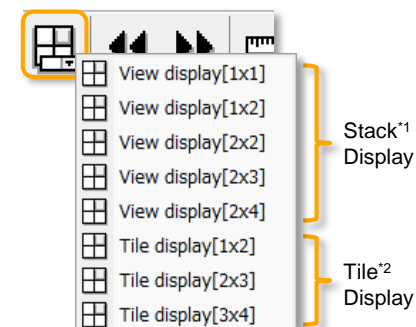


Changing the Layout

Execute by clicking the [Split Preset] button.

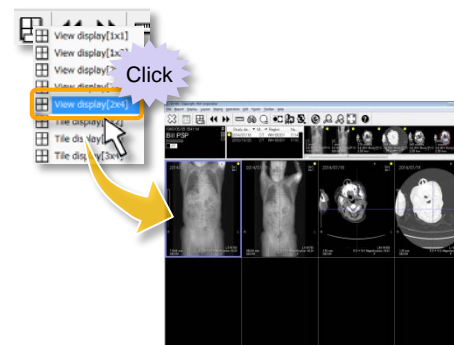
Click and select number of views.

1. Each single frame displayed when the "Image display area" is split, is called a "stack". A stack will be enclosed in a purple frame when you click and select it. This is called the "Selected stack".
2. Each single frame displayed when the series images are displayed side by sides in the selected stack, is called a "Tile". It looks like a film.



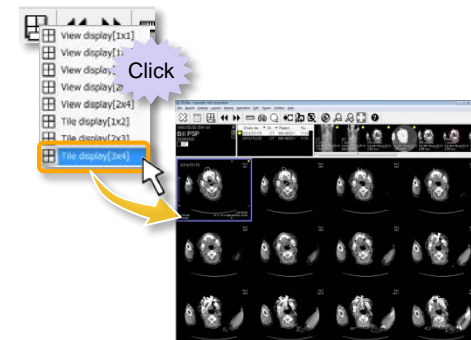
■ Stack display

Changes the number of views in "Image display area".



■ Tile display

Lines up and displays series images in the selected stack (film image).

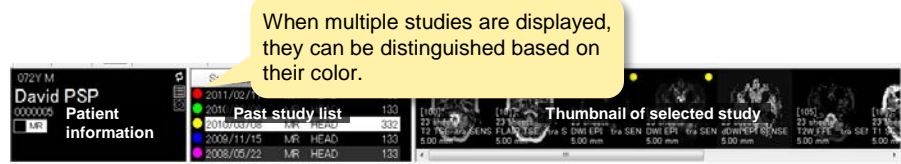




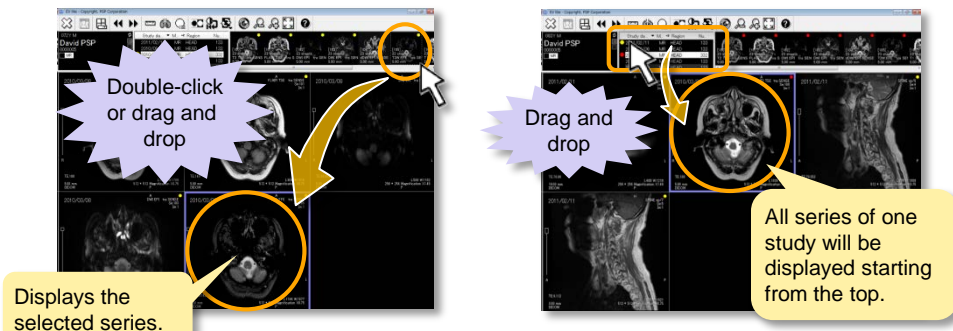
Displaying Images/Filtering by Modalities/Clearing Images

■ Displaying Past Study Images

To display past study images, click the study line displayed in "Past study list". The selected study will be displayed in "Thumbnail of selected study".

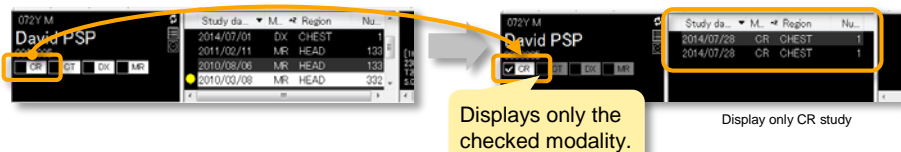


- Double-click or drag and drop the thumbnail image of the selected study : Displays selected series (see picture below)
- Double-click the study line : Expands the series in each stack
- Drag and drop the study line : All series will be displayed in the stack (see picture below)



■ Filtering by Modalities

Checking the modality button in patient information will display only the study of the selected modality in the "Past study list".



■ Clearing the Image

Select an image and press **Esc** to clear the images within the selected stack.

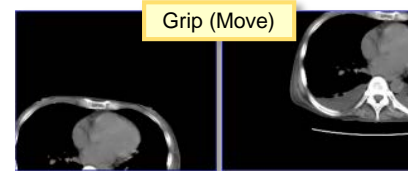


Image Manipulation Using the Mouse

Moving images

Left drag

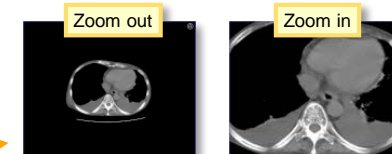
This moves the image within the stack by dragging.



Zoom in/Zoom out

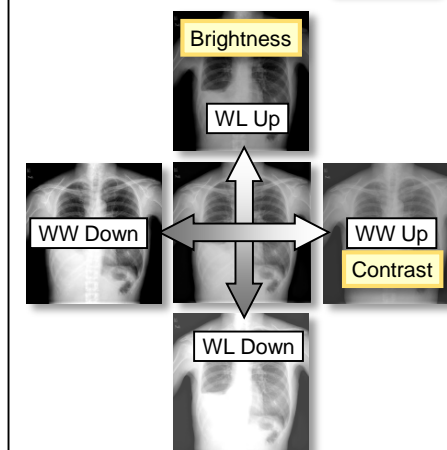
Wheel drag

Drag the mouse wheel up and down to zoom in/zoom out the image. You can also press the [↓] key (zoom in)/[↑] key (zoom out).



Change windowing

Right drag

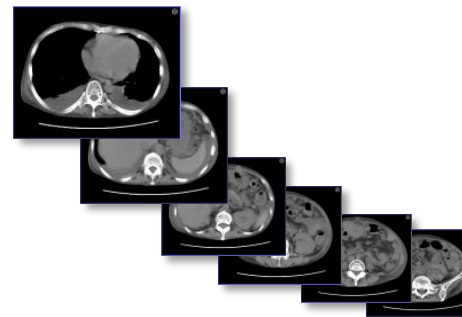


Paging of the image

Wheel rotation

Rotating the mouse wheel for paging the image.

You can also perform paging by [←]/[→] arrow keys.



Right drag up, down, left or right using the mouse to change image windowing within the stack.

- Left/right: Increase/decrease contrast
- Up/down: Increase/decrease brightness

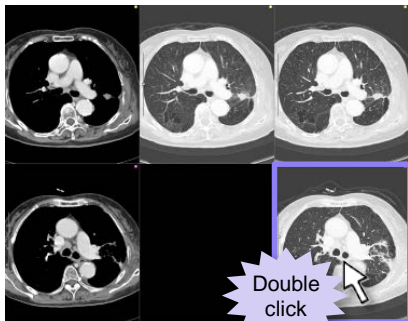


Maximizing/Sorting Images

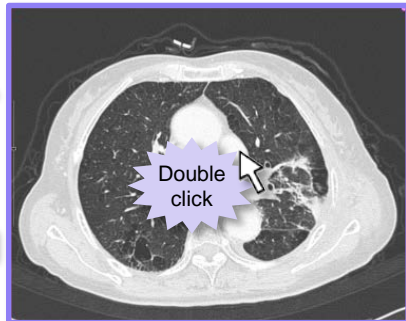
Maximizing image

Double-click the stack to display the images full screen on the "Image display area". Double-click again to cancel maximized display.

[Select image]

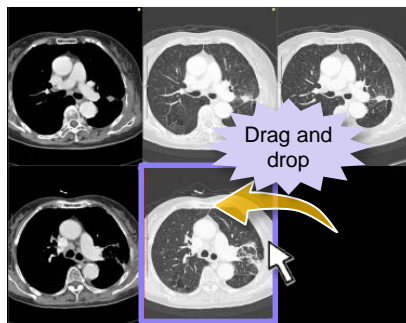
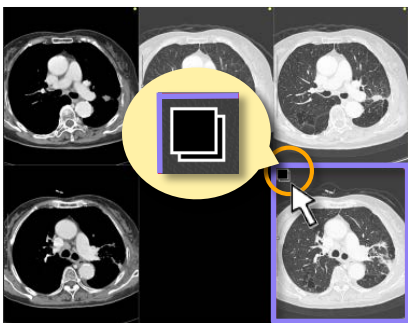


[Maximized display]



Sorting within Image Display Area

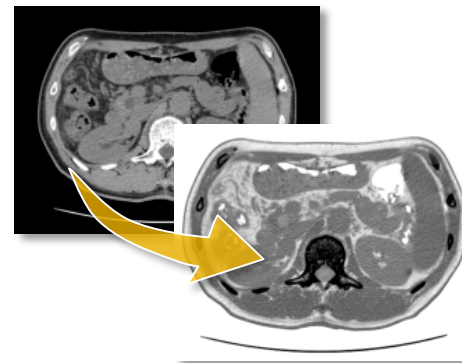
When you place the cursor on the top left part of the image to be moved, a square such as the one shown in the figure will be displayed. Drag and drop this mark to the target stack. Images will be switched between the two stacks if images are displayed in the stack of the move destination.




Black and White Inversion

You can invert images into black and white, and display it.

Click  in the toolbar.

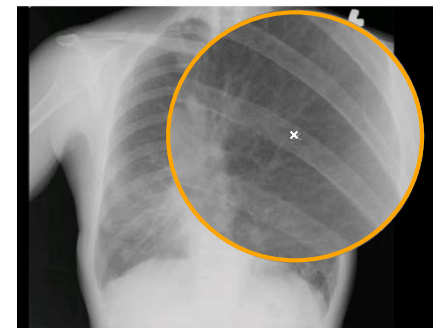


*Return to the windowing value of the initial display state by clicking .

Magnifier


You can zoom in one part of an image.

Click the  in the toolbar and drag the image using the mouse.



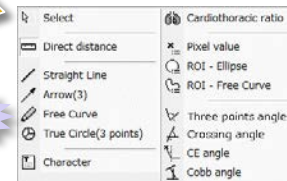
Marking/Measurement tool

This tool allows you to draw arrows, etc., and take notes and perform various measurements.

Click  in the toolbar. The "Operation palette" will be displayed in the "image display area".

Click the upper left button on the "Operation palette" and select the operation you wish to perform from the menu.

The selected tool will be displayed.



Operation palette

- * By default, "Direct distance" is selected.
- * The drawing data will not be saved.