4.12.19 Image Processing

The images obtained can be enlarged, reduced, moved, or subjected to processes such as intensity adjustment. These image processing are performed in the [Image Edit] window on the reference monitor.

1 Click [Image List] to display the [Image List] window on the reference monitor.

Executed studies are displayed in the window.

Reference Monitor

2 Select the desired file and click [Open] on the operation panel.

The background color of the selected study is changed.

The selected thumbnail image is surrounded by the selection border.
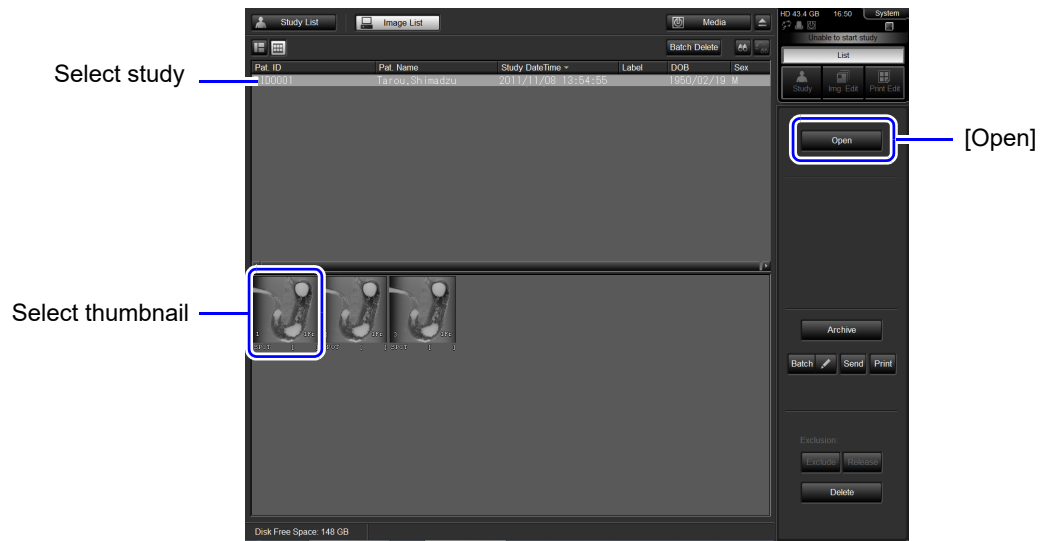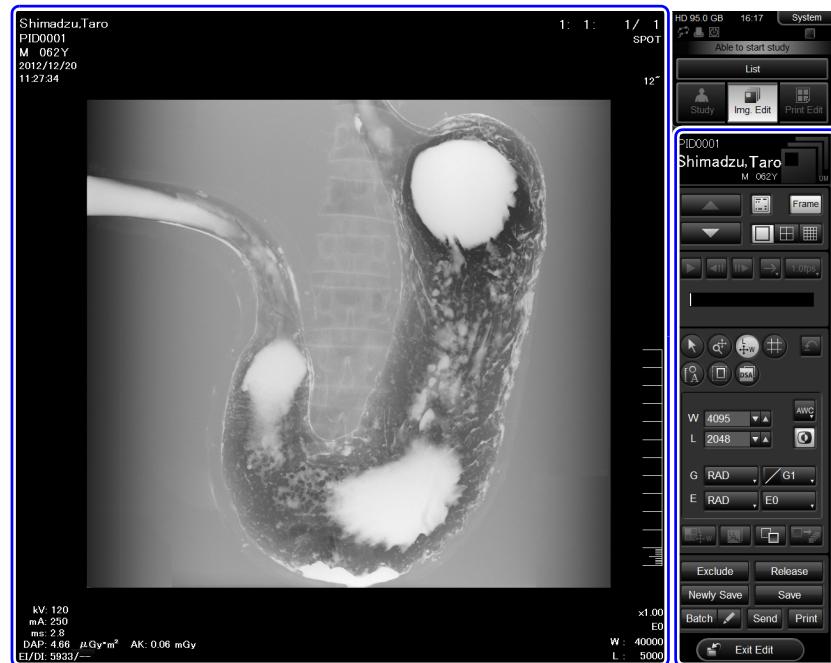
Select study

Select thumbnail

[Open]

Image List window

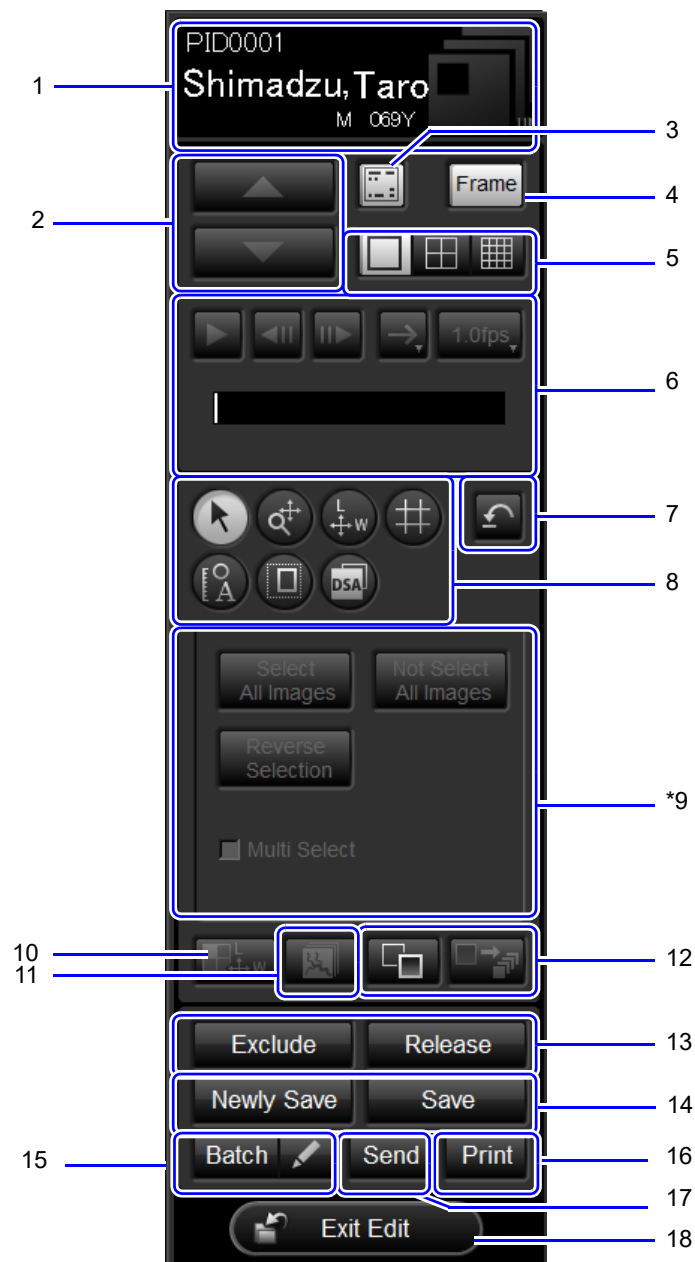The [Image List] window switches to the [Image Edit] window.

The image corresponding to the selection appears in the image display area and the image edit operation panel appears.

Image display area

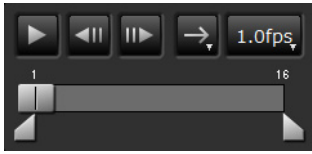Operation panel

💡 Hint   The [Image Edit] window can also be opened by double-clicking the study or image.

■ Operation Panel of Image Edit Window
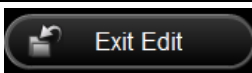
The image can be processed by clicking the corresponding buttons the operation panel.

* indicates that the display varies with the selected button.

| No.	Item	Function
1	Patient information display section	Displays the patient information for the displayed image.
2	▲ / ▼	Switch page buttons If the selected study contains multiple images, these buttons are used to switch to the previous/next image.
3		Display Image Information button Specifies whether or not to display the image information over the displayed image.
4	Frame	Switch Display Mode button Switches the display mode between the all frame display and the representative frame display.
5		Select Display Format button Switches the image display format (number of subdivisions).
6	▶ ◀‖ ‖▶ → 1.0fps 1 16	Image Sequence buttons Plays sequences of multi-frame images.
7		Undo button Cancels previous operations and returns to the state that was saved.
8		Select Image button Selects an image. Enlarge/Reduce/Move button Enlarges, reduces, or moves an image. Adjust Intensity button Adjusts the image intensity. Shutter button Adjusts an image display area. Annotation button Inserts footnotes, arrows, lines and other annotations anywhere in an image. Trimming button Cuts a designated area out of an image. DSA button Performs DSA post-processing.
* 9	Process menu display section	The display changes in accordance with selection of the button in "8" row above, enabling the process or operation allocated to it.
10		Edit Divided Image button Changes the intensity of each frame of a combined image when a combined image is displayed. When a SERIAL image is displayed, this button creates a new combined image.

No.	Item	Function
11		Peak Hold button Creates one image showing a flow of the contrast medium from the DSA image.
12		Copy Processing Information button Copies the processing information of the selected image. Paste Processing Information button Pastes the copied processing information to the selected image.
13	Exclude Release	[Exclude] Registers an image as the excluded shot. [Release] Cancels the registration of exclusion.
14	Newly Save Save	[Newly Save] Saves a frame registered in a file as a new image file. [Save] Saves the results of image processing.
15	Batch	[Batch] Sends or registers images to a preset destination. Batch Output Setting button Sets a image sending or printing destination.
16	Print	[Print] Registers images to a print destination different from that set up in the Batch output settings.
17	Send	[Send] Sends images to a destination different from that set up in the Batch output settings.
18	Exit Edit	[Exit Edit] Closes the [Image Edit] window.

3   Select the image to be processed with   .

4 Select the desired button among the Image processing buttons and apply desired processing to the image selected.

The process menu display section shows the processing menu or buttons specific to the button selected.

Refer to "M517-E211 Digital Radiography System DR-300 Instruction Manual (Post Processing)" for details on procedures.
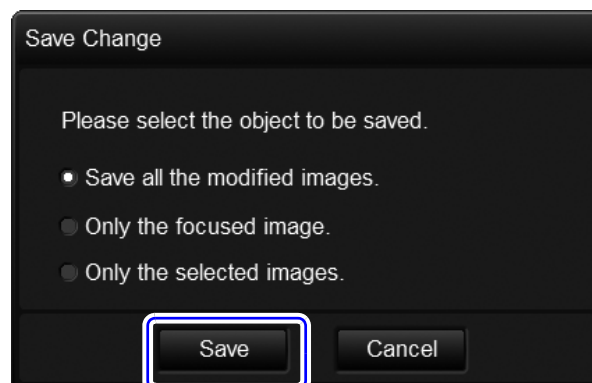
Image processing buttons

[Undo]

4

The processed image appears on the reference monitor.

💡 Hint   If you cancel the image processing, click [Undo]. The image processing applied are cancelled to restore previously saved state.

5 Save the results of image processing. Select the image to be saved and click [Save] on the operation panel.
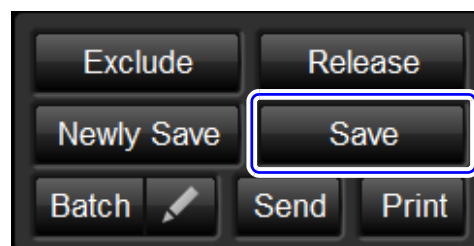
The [Save Change] window appears.

No.	Item	Function
1	Save all the modified image.	All changed files are saved.
2	Only the focused image.	The single image selected with the focus border is saved.
3	Only the selected image.	The images selected with the selection border is saved.

6 Select the desired option and click [Save].

The image is saved.

7 Exit the image processing. Click [Exit Edit] on the operation panel.

The [Image Edit] window closes and the [Image List] window returns.