5

Reviewing images

Images stored on the system hard disk can be played back, or saved to USB-connected media or DVDs. Images that have been saved to a USB or DVD can be played back as well as saved to other media.

5.1 Playback image display
5.2 Searching for an image using the find screen
5.3 Copying images and documents to the system hard disk
5.4 Selecting Images
5.5 Changing the Layout of Images
5.6 Deleting images
5.7 Copying Images
5.8 Outputting images
5.9 Checking free space

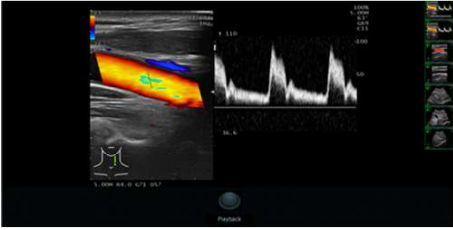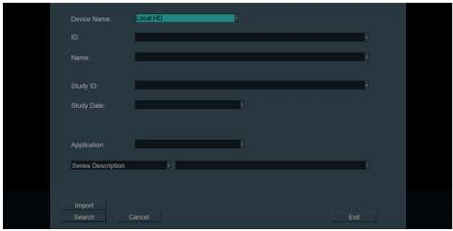# 5.1 Playback image display

Review allows you to search and play for images recorded internally or externally, as well as save or transfer them externally.

NOTE: The HOME button is not available when the Review screen is displayed.

5.1.1 Review screen

Image files saved internally or externally can be displayed on the following screen.

	Current View Display the images from the exam in progress. When an image is stored, a thumbnail of the stored image is displayed in the thumbnail area.
	Image Viewer Display a list of images selected in the Search Results View. When you select [Review] on the [Accessories] tab of the function menu or on the touch panel, a list of saved images for the patient being examined is displayed. The image number is displayed at the upper right of the image.
	Find View Search necessary patient information.
	Search Results View Display the search results in the Patient List. Thumbnails of the patient selected in the Patient List are displayed in a list.
	Details View Displays exam data for the images selected in the Search Results View. It is displayed when [Detail] from the Search Results View is selected. If you select [Close] from the Details View, it returns to the Search Results View.

	Full Screen View In this view, selected images are displayed at the same size as when saved. The playback operation menu is displayed in the function menu.

Thumbnails

An image number and an icon indicating the data type are displayed on each thumbnail. The image number is displayed even when using Image Viewer.
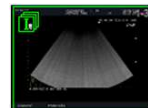
: Image type icon

Displays the type of image with an icon.

""1-1"": Image number Displayed in the top-right corner of the thumbnail.

This is a serial number that indicates the series of images within each study.

The following icons are used to indicate image type.

	Still image (Image)
	Video (Line)
	Video (Video Clip)

Green	Images stored on the system hard disk
Light Blue	Images stored on external media
Blue	Images sent to a server that supports the DICOM Storage Commitment Service Class, and for which a response from the server has been received
Orange	Images sent to a server that does not support the DICOM Storage Commitment Service Class
Yellow	Image obtained by DICOM QR

Root Menu

This menu is displayed at the bottom of a screen in the Image Viewer, Search Results View, or Details View.

Fig.1: Image Viewer

Export	DICOM	Image	Loop	Window	File Form		1 / 1
Find	Delete	Viewer	CD-R	3D Reconstruction			Exit

Fig.2: Search Results View, Details View

Find	Delete	Viewer	CD-R	3D Reconstruction			Exit

[Find]	Switch to the Find View.
[Delete]	Deletes the selected image.

Reviewing images

[Viewer]	Switches to the Image Viewer.
[CD-R]	Copies data in the CD-R Buffer to CD-R.
[3D Reconstruction]	The 3D image is reconstructed and displayed.
[Exit]	Returns to the scanning screen.
[Export]	Converts selected images in the Image Viewer to PC format and saves them to the specified destination.
[DICOM]	Outputs selected images in the Image Viewer in the DICOM format
[Image]	Zooms, rotates and/or inverts images selected in the Image Viewer.
[Loop]	Plays back the selected image in the Image Viewer.
[Window]	Sets the display layout and page switching for thumbnails.
[File Form]	Selects the image type displayed in the Image Viewer.

5.1.2   Playing images

Plays back the selected image full screen in the Image Viewer.

Procedure

- Select the desired images and press [Enter] key twice to play back.
- Select [Window > Image Layout] from the Root menu, or [Full Screen] on the touch panel.
  The image is played back. If multiple images are selected, the first image is played.

Function menu

The following menu items can be used from the [Full Screen] tab when the function menu is opened in the Full Screen View.

Menu	Description
Playback Start/Stop	Plays back images on loop. Alternatively, this stops image playback.
Frame Prev/Next	When a video is stopped, this displays the previous or next frame of the displayed frame.
Loop Speed Down / Up	Reduces or increases loop playback speed.
Full Screen View	Returns to Image View.
Image Prev/Next	Plays the previous/next image when multiple images are selected.
Original	Discards images adjustments and reverts to the original image.
Return to US	Returns to the scanning screen.

Adjusting Images in the Full Screen View

For adjusting images displayed in full screen from video data acquired in the Line format. By using the operation panel keys and the preset ([Preset Set-Up Menu > Menu-Function]), make adjustments from the menus assigned to the Other tab of the function menu. The menus are shown below.
Operation panel keys

- [Gain] key

- [CF] key: Displays or hides color modes (Flow, Power Doppler, eFlow)

Function menus

- [Dynamic Range]

- [Gamma Curve]

- [Saturation]

- [Rejection]

- [Graymap]

- [Baseline Shift (Color)]

- [Invert Color Map]

- [Priority Level]

- [Rejection (Color)]

- [Color Map (B/M)]

- [Color Map (Color)]

- [Display Priority]

Procedure

1. Display an image Full Screen.

2. Set [Playback] from the [Full Screen] tab on the function menu to "Stop".

3. Switch to the Other tab on the function menu, and select the adjustment menu.
   Make adjustments to the image. If you switch to another image or return to the Image Viewer, any image adjustments up to that point are discarded. Images that have been adjusted cannot be saved.

5.2 Searching for an image using the find screen

This function searches for images stored inside or outside the system.

Prior confirmation

If necessary, assign [Review] to a software button by using the preset ([Preset Set-Up Menu > Software Button]).

Procedure

1. Select [Review] from the [Accessories] tab in the function menu, or select the [Review] software button.
   Image Viewer is displayed.

2. Select [Find].
   The display switches to the Find View.

   The screen differs according to the Auto Input (Review) setting of the Presets ([Common Preset > Common2]).

When it is "Off"   When it is "On"

3. Set the search conditions.
   Table 2: Search condition parameters

Device Name	Local HD
ID	Specifies the Patient ID. Enter "*" after a keyword for wildcard searching.
Name	Specifies the Patient Name. Enter "*" after a keyword for wildcard searching.
Study ID	Specifies the Study ID. Enter "*" after a keyword for wildcard searching.
Study Date	If [Today], [Yesterday], [Last one week], [Last one month], or [Date spec] is [On], you can specify the date.
Application	Specifies the Application
Referring Phys	When these parameters are selected from a list, they are set as search conditions
Reporting Phys	
Sonographer	
Study Description	
Series Description	

Setting search conditions from the search history

Select ▼ from the conditions fields.

The drop-down list displays the text string of the latest 6 entries in each condition field.

Erasing the search history

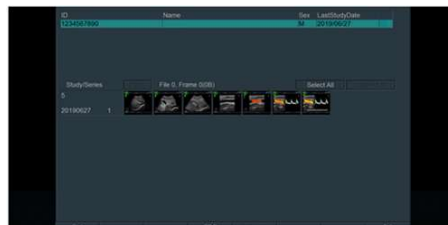Press the [Cancel] key on the Find View to display the pop-up menu and then select [History Clear].

4. Select [Search].
   Search results are displayed in the Patient List of the Search Results View.

5. Select the desired patient in the Patient List.
   Saved images of the selected patient are displayed in a list.

When you select an image, it is displayed with a green frame.

Reviewing images

If one or more images are selected, the details of the Study/Series of that image can be displayed. When you select [Detail], the Details View is displayed.

Select [Close] and it returns to the Search Results View.

5.3 Copying images and documents to the system hard disk

This function copies images or documents from the DICOM server to the system hard disk.

Procedure

1. Select [Import] in the Find View.
   The following screen is displayed.
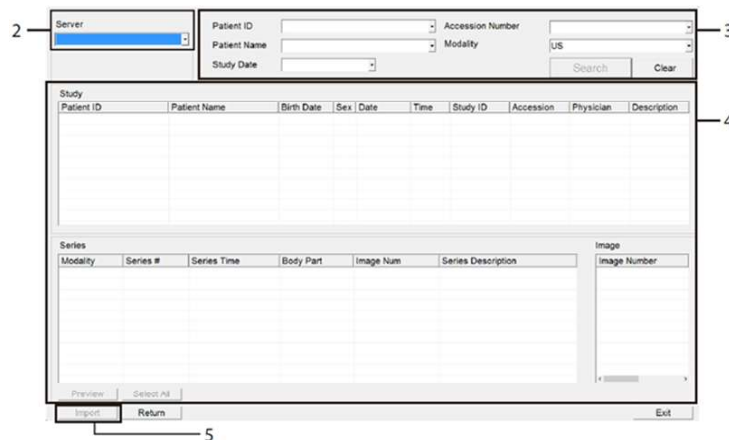
2. Select the desired server (AE name).

3. Input search conditions, such as Patient ID, name, etc. and select [Search].
   The search results are displayed.

4. Select what you wish to copy.
   To copy a Study

   a. Select the Study name in the Study field.

   To copy a Series

   a. Select the Study name in the Study field.

   b. Select the desired Series name from the Series field.

   To copy an Image

   a. Select the Study name in the Study field.

b. Select the desired Series name from the Series field.

c. Select the desired Image name from the Image field.

To verify images before copying
If you select [Preview] you can preview the selected image(s).

5. Select [Import].
This copies the content to the system hard disk.

5.4 Selecting Images

Selects the images to be played, copied, deleted, or printed.

Selecting One Image at a Time

Images can be selected one by one in either the Image Viewer or the Search Results View.

Procedure

- Select the desired image.
  The selected thumbnail is displayed with a green frame. Information on the selected images in the Patient List of the Search Results View is displayed in green.
  To cancel a selection, re-select the image. When selection is canceled, the green frame on the thumbnail disappears.

Selecting Images via the Study ID or a Series

In the Search Results View, images can be selected in units of Study ID or Series.
Information on the selected images in the Patient List is displayed in green.

- Selecting the images in a specific Study

  a. Select the desired Study name.
  All the images saved in that study are selected. With all the images selected, if you select the Study name again, it unselects all the images.

- Selecting a Series of images

  a. Select the desired Series name.
  All the images saved in that Series are selected. With all the images selected, if you select the Series name again, it unselects all the images.

- Selecting all images for a patient

  a. Select [Select All].

- Canceling all selected images

  a. Select [Unselect All].

  b. To unselect the selected images for all patients, select [Unselect All Patients]. To unselect all selected images of a patient whose images are displayed, select [Unselect This Patient].

5.5 Changing the Layout of Images

The following screen displays can be changed in the Image Viewer.

- Changes to the display layout
- Zoom the selected image.
- Rotate the selected image.
- Invert the selected image.

5.5.1 Changing the Display Layout

Procedure

1. From the Root menu, select [Window > Image Layout].

2. Select the display layout.

   ◦ [1×2], [2×2], [3×3], [4×4], [5×5], [6×6]: Displays the number of rows x number of columns.

   ◦ [Full Screen]: If an image is selected, it is displayed in the Full Screen View.

5.5.2 Zooming images

Procedure

1. Select images.

2. From the Root menu, select [Image > Zoom]. Alternatively, select [Zoom In] or [Zoom Out] on the touch panel.

3. If you use the Root menu, select the zoom size.
   Zoom size
   Zooms in the range of X1/4, X1/3, X1/2, X1, X2, X3, X4 relative to the image display size.

   ◦ [Zoom In]: Enlarges the selected image 1 step.

   ◦ [Zoom Out]: Shrinks the selected image 1 step.

   ◦ [Original]: Displays the select image at the original size.

   To display images to fit the size of the layout display
   From the Root menu, select [Image > Reset Image]. Alternatively, select [Reset Image] on the touch panel.
   Displays at a size that fits the original layout.

5.5.3 Rotating Images

Procedure

1. Select images.

2. From the Root menu, select [Image > Image Rotate]. Alternatively, select [Image Rotate ###] (where ### indicates an angle) on the touch panel.

3. If you use the Root menu, set the rotation angle.

   ◦ [Rotate 180]: Rotates the selected image 180°.

   ◦ [Right 90]: Rotates the selected image 90° to the right.

   ◦ [Left 90]: Rotates the selected image 90° to the left.

   To revert to original orientation
   From the Root menu, select [Image > Reset Image]. Alternatively, select [Reset Image] on the touch panel.
   Displays the image in its original orientation.

5.5.4   Inverting Images

Procedure

1. Select images.

2. From the Root menu, select [Image > Image Direction]. Alternatively, select [Image Direction Up Down] or [Image Direction Right Left] on the touch panel.

3. If you use the Root menu, set the rotation angle.

   ◦ [Up Down]: Inverts the selected image vertically.

   ◦ [Right Left]: Inverts the selected image horizontally.

   To revert to original orientation
   From the Root menu, select [Image > Reset Image]. Alternatively, select [Reset Image] on the touch panel.
   Displays the image in its original orientation.

5.6   Deleting images

5.6.1   Deleting Images in the Image Viewer
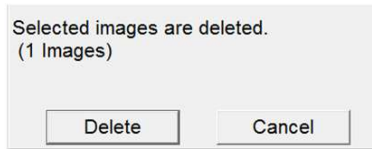
Prior confirmation

If necessary, assign [Review] to a software button by using the preset ([Preset Set-Up Menu > Software Button]).

Procedure

1. Press the [Freeze] key.
   This freezes the image.

2. Select [Review] from the [Accessories] tab in the function menu, or select the [Review] software button.

3. Select images.

4. From the Root menu or the touch panel, select [Delete].

The following message is displayed.

Selected images are deleted.
(1 Images)

[Delete]   [Cancel]

5.   Move the pointer to [Delete], and press the [Enter] key.
   The selected images are deleted.

## 5.6.2   Deleting Images in the Search Results View

Prior confirmation

If necessary, assign [Review] to a software button by using the preset ([Preset Set-Up Menu > Software Button]).

Procedure

1.   Press the [Freeze] key.
     This freezes the image.

2.   Select [Review] from the [Accessories] tab in the function menu, or select the [Review] software button.

3.   Select [Find].

4.   Enter information on the patient you wish to select and press [Search].
     The Search Results View screen opens.

5.   Delete the selected image.

     ◦   Deleting selected images:
         Select images and then select [Delete] from the Root menu or the touch panel.

         Selected images are deleted.
         (1 Images)
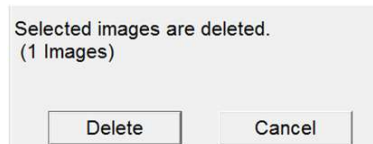
         [Delete]   [Cancel]

     ◦   Deleting multiple sets of patient information:
         Select multiple images to delete, and then select [Delete] from the Root menu or the touch panel.

         Selected images of other patient are also deleted.
         (3 Images)
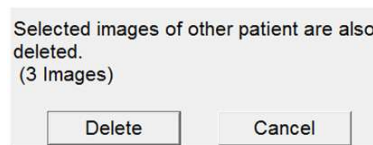
         [Delete]   [Cancel]

     ◦   To delete all images including information for other patients:
         Select thumbnail and Press [Cancel] key to open the pop-up menu and select [Delete All Patients].

         All images of all patients are deleted.

         [Delete]   [Cancel]

Reviewing images
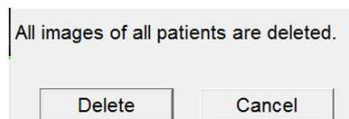
○ To delete all images within the selected patient information:
Select thumbnail and Press [Cancel] key to open the pop-up menu and select [Delete This Patient].

> All images of selected patient are deleted.
>
> Delete   Cancel
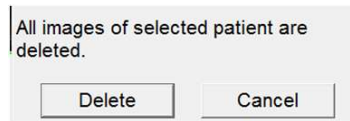
6. Select [Delete] on the confirmation message.
The selected images are deleted.

5.7 Copying Images

Selected images in the Search Results View are saved to the specified device in the DICOM format.
If there are many images, use [Disk Remain] to check that there is sufficient capacity remaining in the destination.

Procedure

1. Select images in Search Results View.

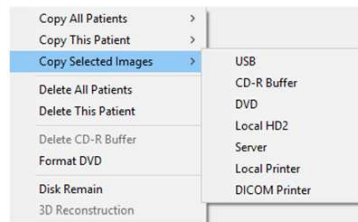2. Select the thumbnail and press the [Cancel] key.
A pop-up menu opens.

Copy All Patients	>	
Copy This Patient	>	
Copy Selected Images	>	USB
Delete All Patients		CD-R Buffer
Delete This Patient		DVD
		Local HD2
Delete CD-R Buffer		Server
Format DVD		Local Printer
		DICOM Printer
Disk Remain		
3D Reconstruction		

3. Select a menu from the pop-up menu.
Pop-up Menus

[Copy All Patients]	Copies all patient images in the Patient List.
[Copy This Patient]	Copies all images of the selected patient.
[Copy Selected Images]	Copies all selected images.

4. Select the storage destination.
Storage Media

[USB]	Saves to USB flash memory.
[CD-R Buffer]	Save to CD-R Buffer. The maximum capacity is 640 MB. Before saving, check the disk capacity using [Disk Remain]. When the image file is larger than the capacity of the buffer, divide it and adjust to 640 MB or less.
[DVD]	Save to DVD.
[Local HD2]	Saves to the Local Storage2 area.
[Server]	Outputs data to a server.
[Local Printer]	Outputs to a local printer.

Reviewing images

[DICOM Printer]   Outputs to a DICOM printer.

Images meeting the specified conditions are saved to the specified storage destination.

NOTE: Some characters in the Patient ID included in a file name might be converted.
The characters that are converted are as follows:

Original characters		Output characters	Original characters		Output characters	Original characters		Output characters
(SP)*1	→	-_	+	→	-R	@	→	-j
!	→	-H	,	→	-S	[	→	-k
"	→	-I	-	→	--	\	→	-l
#	→	-J	.	→	-U	]	→	-m
$	→	-K	/	→	-V	^	→	-n
%	→	-L	:	→	-W	_	→	-o
&	→	-M	;	→	-X	`	→	-p
'	→	-N	<	→	-Y	{	→	-q
(	→	-O	=	→	-g	|	→	-r
)	→	-P	>	→	-h	}	→	-s
*	→	-Q	?	→	-i	~	→	-t

*1.
(SP) indicates a half-width space character.

Reference information

5.9 Checking free space on page 167

5.8   Outputting images

You can output images selected in the Image Viewer.
There are four ways to output images.

- Convert and save in PC format.

- Save or send in the DICOM format.

- Write data in the CD-R Buffer to a CD-R.

- Print the images.

This system can output images to media and to networks in the following formats.

Reviewing images

Storage formats using Store	Storage format	Storage Media		Remarks
		Media	Server	
Still image Image	DICOM Palette	Yes	Yes	Some viewers do not support image playback with Palette. [*1] The following 3 types of data compression are possible. • Implicit Little Endian (non-compressed) • Explicit Little Endian (non-compressed) • Run-Length Encoding (reversible compression)
	DICOM RGB	Yes	Yes	The following 3 types of data compression are possible. • Implicit Little Endian (non-compressed) • Explicit Little Endian (non-compressed) • Run-Length Encoding (reversible compression)
	DICOM Monochrome2	-	Yes	
	DICOM JPEG	Yes	Yes	The JPEG compression ratio can be changed using JPEG Q Factor in Presets ([Common Preset > Common1]).
	JPEG	Yes	-	The JPEG compression ratio can be changed using JPEG Q Factor in Presets ([Common Preset > Common1]).
	BMP	Yes	-	
	TIFF	Yes	-	

Reviewing images

Storage formats using Store	Storage format	Storage Media		Remarks
		Media	Server	
Video Line	Line	Yes	Yes	Cannot be displayed with DICOM Viewer software available on the open market. Images can only be displayed on the system. Varies with the server. For more details, contact your system administrator (IT personnel) for the hospital network.
	DICOM Palette	Yes	Yes	The following 3 types of data compression are possible.
	DICOM RGB	Yes	Yes	• Implicit Little Endian (non-compressed) • Explicit Little Endian (non-compressed) • Run-Length Encoding (reversible compression)
	DICOM JPEG	Yes	Yes	The JPEG compression ratio can be changed using JPEG Q Factor in Presets ([Common Preset > Common1]).
	AVI, MP4, MOV	Yes	-	
Video Video Clip	DICOM JPEG	Yes	Yes	The optional SOP-AR50-10 software is required. The compression ratio can be changed by using JPEG Q Factor in the preset ([Common Preset > Common1]). [*2]
	DICOM Monochrome2	-	Yes	The following 3 types of data compression are possible. • Implicit Little Endian (non-compressed) • Explicit Little Endian (non-compressed) • Run-Length Encoding (reversible compression)
	AVI, MP4, MOV	Yes	-	

*1

When saving still images with DICOM Palette, brightness, flow velocity, dispersion, and color information are saved separately. The colors might not be displayed correctly in some Viewers in the Flow mode.

*2

Video Clip videos can be saved in the DICOM format as a JPEG compressed MultiFrame file. However, to measure images saved when "Manual" is selected for [Acquisition Mode], it is necessary to confirm that the setting of the device used when
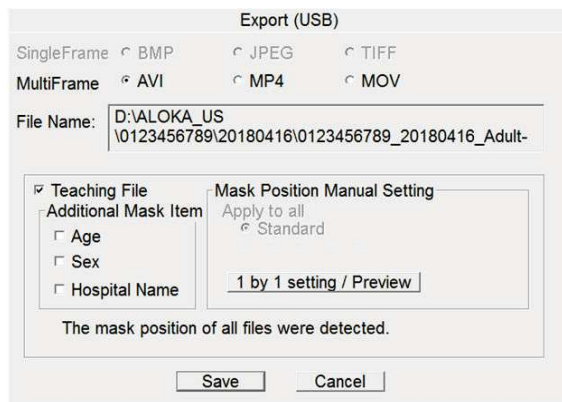
saving the images is the same as the setting of the device to display the images. If the settings are different, the measurement values may differ as well.

5.8.1   Converting and Saving Images in PC Format

This function is for converting the file format of images selected in the Image Viewer to a PC format and saving them to a specified device.

Procedure

1. Select images in Search Results View.

2. Select [Viewer] to switch to the Image Viewer.

3. Select images.

4. Select [Export] from the Root menu and then select the storage destination ([USB], [CD-R Buffer], [DVD], [Network Folder]). Alternatively, select [Export(###)] (where ### indicates the storage destination) on the touch panel.
    The Export dialog box is displayed.

Export (USB)

    SingleFrame ○ BMP   ○ JPEG   ○ TIFF
    MultiFrame   ⦿ AVI   ○ MP4   ○ MOV

    File Name: D:\ALOKA_US
    \0123456789\20180416\0123456789_20180416_Adult-

    ☑ Teaching File   Mask Position Manual Setting
    Additional Mask Item   Apply to all
      □ Age   ⦿ Standard
      □ Sex
      □ Hospital Name   1 by 1 setting / Preview

    The mask position of all files were detected.

    Save   Cancel

5. Set the image file conversion format.
    Still image file formats
    Select one of the following: [BMP], [JPEG], or [TIFF].
    Video file formats
    Select one of the following: [AVI], [MP4], or [MOV].

6. If the image is in the system ([Local HDD]), configure the patient data display.
    To perform the conversion while displaying patient data
    Uncheck the Teaching File.
    To mask patient data before converting:

    a. Select the check box next to Teaching File.
        Patient ID and Patient Name are set to be masked.

    b. Select the check boxes next to other items to mask under Additional Mask Item.

    c. To check images or if some images are not to be converted (reports, etc.), select [1 by 1 setting / Preview].
        The image and Mask Position Manual Setting dialog box opens.
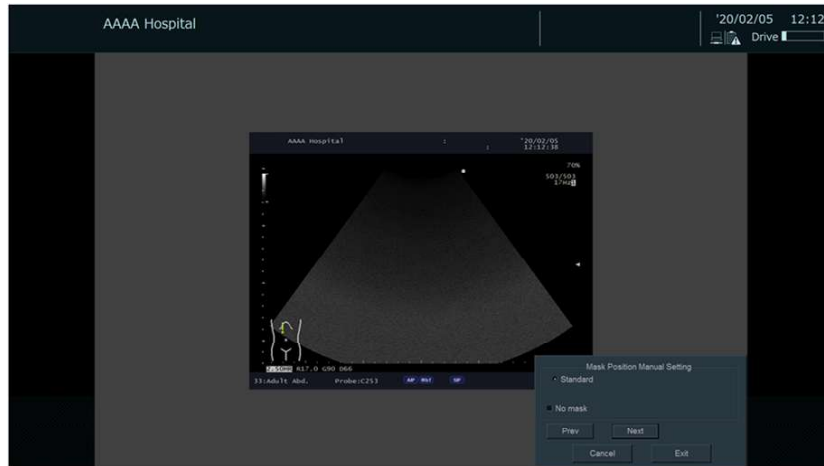
d. Check positions to delete. If mask settings are not necessary, select the [No Mask] check box.

e. Check images one at a time by flipping through images with [Prev] or [Next].

f. Select [Exit].

7. Select [Save] from the Export dialog box.
    The images are saved.

NOTE: Some characters in the Patient ID included in a file name might be converted.
The characters that are converted are as follows:

| Original characters		Output characters	Original characters		Output characters	Original characters		Output characters
(SP)[*1]	→	-_	+	→	-R	@	→	-j
!	→	-H	,	→	-S	[	→	-k
"	→	-I	-	→	--	\	→	-l
#	→	-J	.	→	-U	]	→	-m
$	→	-K	/	→	-V	^	→	-n
%	→	-L	:	→	-W	_	→	-o
&	→	-M	;	→	-X	`	→	-p
'	→	-N	<	→	-Y	{	→	-q
(	→	-O	=	→	-g	|	→	-r
)	→	-P	>	→	-h	}	→	-s
*	→	-Q	?	→	-i	~	→	-t

*1.
     (SP) indicates a half-width space character.

5.8.2   Converting and Saving Images in the DICOM Format

This function is for converting the file format of images selected in the Image Viewer to the DICOM format and saving them to a specified device.

Procedure

1. Select images in Search Results View.

2. Select [Viewer] from the Root menu or the touch panel to switch to the Image Viewer.

3. Select images.

4. Change the file format of Line videos if necessary.

    a. From the Root menu, select [DICOM > DICOM File Type].

    b. Select the file format.

5. Select [DICOM] from the Root menu and then select the storage destination ([USB], [CD-R Buffer], [DVD], [Local HD2]). Alternatively, select [DICOM(###)] (where ### indicates the storage destination) on the touch panel.
    If [USB], [CD-R Buffer], [DVD], or [Local HD2] are selected, the Store Data on Disk dialog box opens.
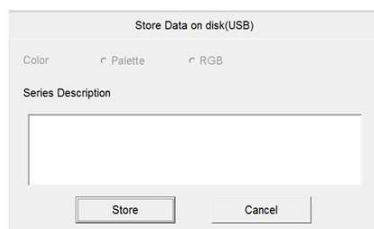
6. Check the dialog box.

    ◦   Color: Configure the method for displaying color on still images.

    ◦   Series Description: Use the keyboard to enter comments about the exam series.

7. Select [Store].
    The images are saved in DICOM format.

5.8.3   Transferring Images to Servers

This function is for converting the file format of images selected in the Image Viewer to the DICOM format and transferring them to a network device.

Procedure

1. Select images in Search Results View.

2. Select [Viewer] from the Root menu or the touch panel to switch to the Image Viewer.

3. Select images.

4. Change the file format of Line videos if necessary.

    a. From the Root menu, select [DICOM > DICOM File Type].

    b. Select the file format.

5. From the Root menu, select [DICOM > Server]. Alternatively, select [DICOM(Server)] on the touch panel.
    The Send Data to File Server dialog box is displayed.

6. Check the dialog box.

- Color: Configure the method for displaying color on still images.

- Series Description: Use the keyboard to enter comments about the exam series.

7. Select [Store].
   Selected images are sent in the DICOM format.

5.8.4 Writing to CD-R

This function writes images in the CD-R Buffer to a CD-R.
NOTE: Examinations cannot be performed during the CD writing process.

Procedure

1. Place a CD-R in the CD-R drive.

2. From the Root menu or the touch panel, select [CD-R].
   The CD-R Writing dialog box is displayed.

```
                CD-R Writing
   Capacity      640M/640M

   CD Name       [          ]

   Buffer Erase  ⊙ On    ● Off
        [  Start  ]      [  Cancel  ]
```

3. Enter the CD Name.

4. Set up the Buffer Erase.

   - [On]: Data in the buffer is deleted after the images are written to the CD-R.

   - [Off]: Data in the buffer is saved as is. If making multiple copies of the CD, select Off.

5. Select [Start].
   Writing to the CD starts. A progress bar is displayed during the write process.
   NOTE: Do not turn off power to the system during the CD writing process (while the progress bar is displayed). It may cause damage to the CD drive connected to the system.

5.8.5 Printing images

You can output still images to a printer from those selected in the Image Viewer.

Procedure

1. Select images in Search Results View.

2. From the Root menu or the touch panel, select [Viewer].
   The display switches to the Image Viewer.

3. Select images.

4. Select [DICOM] from the Root menu, and select a printer ([DICOM Printer] or [Local Printer]). Alternatively, select [DICOM (Local Printer)] or [DICOM (DICOM Printer)] on the touch panel.

Configuring printer properties

Use the steps below to configure local and DICOM printer properties.

Procedure

1. Switch to the Image Viewer.

2. From the Root menu, select [DICOM > Printer Property]. Alternatively, select [Printer Property] on the touch panel.
    The Print Property dialog box is displayed.

3. Configure parameters as desired.

4. Select [OK].
    The settings are saved.

Local Printer

Item	Options	Description
Printer Name		For selecting Local printer.
Num of Copies	1 to 9	Sets the number of copies to print.
Paper Size	A4, B5, Letter	Sets the paper size.
N-up	Note, 1, 2, 4, 6, 9, 16	Sets the number of images to print on each page.
Orientation	LANDSCAPE	Sets the paper orientation.
	PORTRAIT	
Trim	NO	Sets to no margins between images.
	YES	Sets the margins between images when printing multiple images on a single page.

DICOM Printer

Item	Options	Description
Model Name		For selecting a DICOM printer.
Num of Copies	1 to 99	Sets the number of copies to print.
Medium type	BLUE FILM, CLEAR FILM, PAPER	Selects the print media.
Film size		Sets the paper size.

Item	Options	Description
Orientation	LANDSCAPE	Sets the paper orientation to vertical
	PORTRAIT	Sets the paper orientation to horizontal.
Display Format	1×1 - 9×9	Sets the display format when multiple images are printed on a single page.
Magnification		Sets the type of magnification process to use.
Smoothing		Sets the type of data smoothing process.
Trim	NO	Sets to no margins between images.
	YES	Sets the margins between images when printing multiple images on a single page.
Configuration		Enter a comment by using the keyboard. (Up to 64 characters)
Appl. Entity		Displays the name of the DICOM standard application.
Print priority	HIGH, MED, LOW	Sets the priority for processing print jobs.
Destination		Sets the printer to be used.
Min density		Enter the minimum brightness value for printing.
Max density		Enter the maximum brightness value for printing.
Border density		Sets the brightness of borders between images
Empty density		Sets the brightness of areas with no image to print
Image polarity		Sets the polarity of the printed image.

5.9   Checking free space

You can check the free space on the system hard disk or connected media.

Procedure

1. Switch to the Search Results View.

2. Select the thumbnail and press the [Cancel] key.
    A pop-up menu opens.

3. Select [Disk Remain].
    The Disk Free Size dialog box is displayed.
    If the media is changed while the dialog box is displayed, the remaining capacity of each media is updated when [Reload] is selected.

4. After checking the capacity, select [OK].

Reference information

5.2 Searching for an image using the find screen on page 151