## 6.2.4 SLOT Radiography



**1** Select a desired protocol for the SLOT radiography on the touch panel or on the operation panel on the reference monitor.



Touch panel (RF mode)

	Acq	Thumbnail	Edit
	Procedure		
	Up	oper GI	
	Protocol ·		
Select protocol.	 SLOT	HS F	0
	→ SLOT → SLOT	HQ F HQ L	- Q- Q-

Operation panel on the reference monitor

Switching a protocol sets the X-ray condition for the SLOT radiography.		
Turn the AEC OFF for the SLOT radiography. When turning it ON, an image cannot be acquired with an appropriate dose.		
Adjust the X-ray condition according to a patient size on image acquisition.		
<ul> <li>2 Set the SID to 1200 (1500 for SID1800 column).</li> <li>3 In case of the vertical position, secure a patient with the attached belt.</li> </ul>		
The attached belt is to support a position of a patient. Keep eye on a patient during radiography.		
The message [Register First Point] is displayed on the acquisition monitor and touch panel. Move the X-ray tube and the Dynamic FPD to the first point with the Tabletop and imaging unit control lever on the remote console. Then press rest to register the first point.		
The first point can be registered by pressing $\left(\begin{array}{c} \theta \\ 0 \\ 0 \\ 0 \\ 0 \end{array}\right)$ on the X-ray diagnostic table.		

6



Acquisition Monitor



Touch panel (RF mode)

The position can be adjusted with checking fluoroscopy images.



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Pressing the "Image V-Reverse" or "Image H-reverse" button on the remote console will cancel the position registration. Start over the registration.

5 The message [Register Second Point] is displayed on the acquisition monitor and touch panel. Set the X-ray irradiation clearance button to ON, move the X-ray tube and the Dynamic FPD to the second point with the Tabletop and imaging unit control lever on the remote console. Then press for set to register the second point.



The second point can be registered by pressing  $\begin{bmatrix} \bullet g \\ \bullet g$ 

The second point can be canceled by pressing Position Set Cancel on the touch panel.



Acquisition Monitor

	K ±0° ↓ 72 K F2 16:35 Settings Table:Register Second Point SLOT Leg Elapsed Time: 1 min Support	Message
Radiography:	Program: SLOT HS F	
	Rate: Slot Width: Base Height: 3 fps <sup>™</sup> 40 mm <sup>⊥</sup> 100mm <sup>⊥</sup> 0 ▼ ▲ 70 kV	
1/1	Position Setup:	

Touch panel (RF mode)

✓ NOTE
The first point can be registered by pressing . The X-ray tube and the Dynamic FPD will move from the second point toward the first point.



Do not set up the first and the second points in the both-ends area in the movable range of the X-ray tube and the Dynamic FPD. Radiography cannot be performed in 7 cm from the both end of the movable range.

6 When two points setup is completed, the → blinks, and the message "Hold down [SET] button." is displayed on the acquisition monitor and touch panel. Hold down →.



7 The message [Ready for exposure.] is displayed on the acquisition monitor and touch panel. Check this message, and then release [-H].

After the first and second points have been registered, they can be reset until pressing  $\overline{}$ 



Even after the exposure has been prepared, pressing Postion Set Cancels registered points. Although the canceled points are stored, you can register new points.



8 Hold down the radiography button of the control lever on the remote console until you hear the short, high-pitched sound as many times as the specified number of exposure. The acquisition starts and the appears on the acquisition monitor.



The radiography will be ended when the X-ray tube and the Dynamic FPD reach the second point.





Then the long image is created and displayed on the reference monitor.



X-ray emission is stopped and image acquisition ends when the radiography button is released midway during irradiation.

To continue the SLOT radiography, perform the procedure from the step 6.

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## 6.2.5 Real-time Stitching

When the protocol with the Real-time Stitching function ON is selected, during the SLOT radiography, a simple long image is gradually created on the acquisition monitor in real time. The acquired part will be added one after another until image acquisition ends.





The Real-time Stitching function is turned ON/OFF on the radiography tab of the Procedure Preset Edit window.

"SLOT (Option)" on page 13-43

## 6.2.6 Long Image Creation

After the end of the SLOT radiography, the acquired images can be combined into one long image according to the setting different from those used in the radiography.

- Select the desired SLOT image on the [Image List] window.
   The selected file is highlighted.
   The thumbnail image selected is surrounded with the selection border.
- 2 Click [SLOT].

👗 Study List	📮 Image List		🕑 Media 📤	HD 152 GB 16.40 System	
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sr# mages 1 10	Protocol Label SPOT:Norma		<u>م</u>	Archive Batch N Send Print Exclusion: Exclusion Refease Deidte	— SLOT image
Disk Free Space: 78.5 GI	B				

The [SLOT] window is displayed.



No.	Item	Function
1	Preset list	Displays preset names currently registered.
2	Center Offset(mm) : 0.0	[Center Offset (mm)] Automatically corrects the central position, and display the correction value.
3	Frame Range : 1 1	[Frame Range] Specifies the frames to be connected. Displays the frame from the first to the second points by the default.
4	I Display Image after Process	[Display Image after Process] Selects the check box to display the created long image after the processing is completed. Clear it not to display the long image.
5	Execute	[Execute] Performs the long image creation processing.
6	Close	[Close] Close the [SLOT] window.

Please refer to the following for the details of other preset items in the [SLOT] window. 13.6.1 "SLOT Presets"

•The preset has been automatically selected according to the conditions at the SLOT image acquisition.

•Each items are temporarily changed. If you change the preset permanently, edit it in the [SLOT Preset Editor] window.

DR-300 Instruction Manual (Image Acquisition)



The long image created is displayed in the [Image Edit] window.

When the [Display Image after Process] check box is cleared, the long image is not displayed.





The created long image appears in the [Image List] window.

"SLOT\_O" indicates the SLOT image.

"SLOT" indicates the long image.