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M7

Quick Reference Guide





Quick Reference Guide

Getting Started

New Patient

1. Press [Patient], fill in basic patient information.
2. Press [Exam].
3. Move [Trackball] to choose probe and exam mode.

Scanning

B Mode

1. Press [B] to enter B mode.
2. Rotate [Gain & iTouch] knob to adjust gain.

CDFI/Power Mode

1. Press [Color] to enter Color mode.
2. Move [Trackball] to change the position of ROI.
3. Press [Set], and then move [Trackball] to change the size of ROI, press [Set].

PW/CW Mode

1. Press [PW] to enter PW mode.
2. Move [Trackball] to change the position of sample volume.
3. Use related [Function Key] to change the size and angle of sample volume, press [Update] or [PW] to get the Pulse Wave Doppler.

Image Adjustment



The [Soft Key] is corresponding to the soft menu. Use left/right keys to switch the modes, use up/down keys to choose parameters and turn pages up or down.

The parameters in B mode: Frequency, iBeam, Focus Position, iClear, ExFOV, Line Density, Gray Map, Focus Number, Colorize, FOV, iTouch, Persistence, L/R Flip, Colorize Map, Dynamic Range, Acoustic Power, IP, U/D Flip, Magnify, FOV position.

The parameters in Color mode: Scale, Flow State, WF, Invert, Packet Size, Frequency, Priority, Baseline, Line Density, Dual Live, Color IP, Map, B/C Wide, Focus Position, Acoustic Power.

Special Imaging Mode (Optional)

3D/4D

1. Select the volume probe and choose the exam mode. Press [3D/4D] key on the control panel or click [3D/4D] in the soft menu of B mode to enter.
2. Move [Trackball] and press [Set] to adjust the ROI and curve VOI.
3. Press [Update] to enter the 4D image real-time status.

Free Xros M mode (Anatomical M mode)

1. Under B mode, click [Free Xros M] on the screen to enter.
2. Move [Trackball] to set the position of the sample line, and rotate [Multi-functional Knob] to change the angle of the sample line.

Tissue Doppler Imaging

1. Under B mode with phased array probe, click [TDI] on the screen to enter TDI mode.
2. Move [Trackball] to change the position and size of the ROI.
3. Press [M] to enter TVM mode; press [PW] to enter TVD mode; press [Power] to enter TEI mode.

Measurement

1. Press [Freeze] to freeze the image before the measurement.
2. Press [Measure] to enter the application measurement status.
3. Move [Trackball] to choose the measurement tool, and then go to the desired position to measure.

Post Scanning

Comments and Body Marks

Comment

1. Press [Comment] to choose the comment setting position and then add the comment to the image.

Body Mark

1. Press [Body Mark] and rotate it to choose the desired one.
2. Move [Trackball] to place the probe marker, and rotate the [Multi-functional Knob] to adjust the orientation of the probe.

Save Images or Cine

1. Press [Save] to save a single-frame image or cine to the system.
2. Press [Review] or select an exam of a patient in the [iStation] screen, and click [Review] to see the image of cine.

Report and Print

1. Press [Report], move the cursor to the comment text box and type the text.
2. Click [Image select] on the report page to add images, and then click [Print View] to preview the report, click [Print] to print the report out.

End Exam

Press [End Exam] to end one examination. You may start a new exam by repeating the instructions above.

Image Management

Image Transfer

1. Press [iStation] to enter the image management system and choose the images.
2. Click [Send to] to send the images to USB, DICOM, etc.

Note: For detailed information, please refer to the operation manual.