



STARTING A NEW PATIENT

NEW PATIENT

- Press the Patient key.
- Select New/End. Fill in the form fields as desired.
- Press Done to return to live scanning.

When you create a new patient information form, all images, clips, and other data you save during the exam are linked to that patient.

EXAM TYPES

- Press Exam – Choose your desired exam type* by sliding your finger on the Track Pad or by using arrows.
- Press Select to make your selection.

*Exam type available depends on transducer

IMAGE OPTIMIZATION

DEPTH

- Depth Up – Decreases imaging depth (more shallow)
- Depth Down – Increases imaging depth (more depth)

The vertical depth scale is marked in 0.5 cm, 1 cm, and 5 cm increments, depending on the depth. As you adjust depth, the maximum depth number changes in the lower right screen.

GAIN

- Near – Adjusts the gain applied to the near field.
- Far – Adjusts the gain applied to the far field.
- Gain – Adjusts the overall gain applied to the entire image.
- Auto – Automatically balances image when pressed.

MODES

2D

- 2D is the system's default imaging mode.
- Press 2D to return to the default imaging mode.

COLOR DOPPLER

- Press Color – Move ROI Box to area of interest.
- By using the Track Pad and Select, the size and position of the ROI Box can be adjusted.
- Solid = Position of ROI can be adjusted.
- Dotted Line = Size of ROI can be adjusted.
- Press Soft Key Color to change to Color Power Doppler (CPD).
- Soft Keys: Scale, PRF, Invert, and Wall Filter can be adjusted.

PW & CW DOPPLER

- Press Doppler.
- Place Doppler Angle in desired location using Track Pad.

- Press Doppler again to start live trace.
- Press Update to change between image and Doppler trace.
- Use Soft Keys to adjust type of Doppler (PW-CW), Angle, and Gate size.
- During live trace, Scale, Baseline, and Invert can be adjusted.
- Press Freeze to perform measurements or save image.

M-MODE

- Press M-Mode.
- Using Track Pad, place M-Mode line to desired area.
- Press M-Mode again to start live trace.
- Press Update to change between image and M-Mode.
- Press Freeze to perform measurements or save image.

TO MEASURE AND PERFORM CALCULATIONS

FREEZE

- Press the Freeze key.

On a frozen image, the CINE icon and frame number appear in the system status area. Use the Track Pad, gain knob, or arrow buttons to scroll through the frame numbers.

MEASURE

- Press Caliper button. Use Track Pad to move active green cursor.
- Use Select to change between active cursors.
- To select another measurement, press Caliper again. Measurements will be displayed at bottom of screen.

CALCULATIONS

- On a frozen image, press the Calc key. The Calculation menu appears. Appropriate calculation for exam preset and mode appear: 2D calculations in B-Mode, Doppler calculations when Doppler is activated, and M-Mode calculations when M-Mode is activated.

- Using the touchpad or arrow keys, highlight the desired measurement name.
- Press Select. Perform the desired calculations.
- Press Save Calc to save measurement to report page. A checkmark will appear next to desired calculation indicating that the measurement was saved to report.

SAVING AND REVIEWING IMAGES

TO SAVE IMAGE/CLIP

- Press Save Image for still image.
- Press Clip for Video Clip. Length can be adjusted in Soft Key Clip menu.

REVIEW REPORT

- Press Report. All advanced Calculations performed and saved will be shown.

REVIEW IMAGES

- Press Review.
- Use Soft Key menu to scroll through saved images and clips.
- Select Soft Key list to display list of exams.
- Highlight the desired exam, Press Soft Key Review to review images.

TO EXPORT IMAGES TO USB STICK

- Images can be exported by JPEG, BMP or DICOM format.
- In Setup under USB Devices, choose how you want the images to export. Do this prior to exporting.
- Images will need to be closed in order to be exported.
- To close exam, press Patient and then New/End.
- To export, press Review.
- Choose desired exams to export by selecting the exam. A checkmark will appear next to exams you want to export.
- Insert compatible USB Stick.
- On Soft Key, select Export USB.