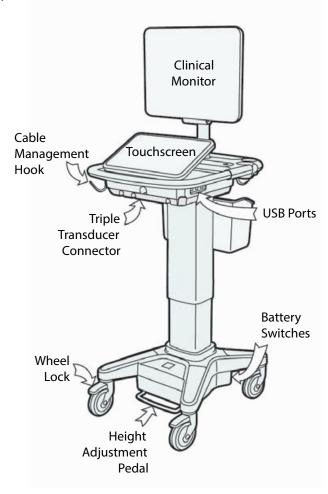


# SonoSite

## **Overview**

This Quick Reference Guide is for reference and refresh only and is not intended as a substitute for the User Guide that came with your X-Porte system. For detailed procedures, descriptions, features, and safety precautions, see the *X-Porte User Guide*, available at http://www.sonosite.com/sites/default/files/support\_docs/xporte/.



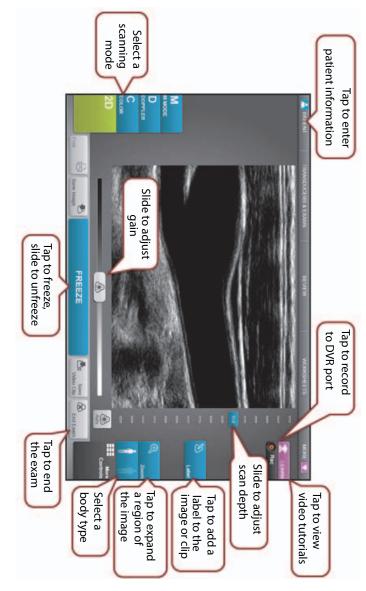
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#### **X-PORTE Ultrasound System**



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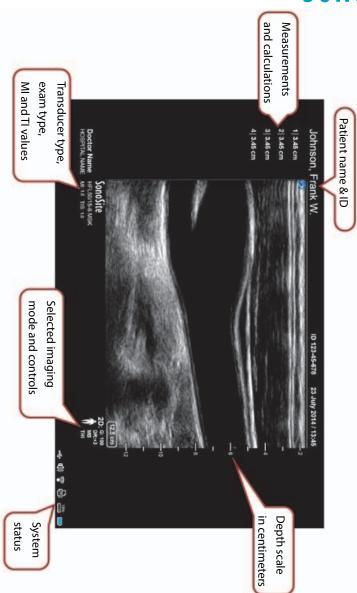
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**Clinical monitor example:** 



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# **Before Scanning**

If a control you need does not appear on the screen, tap **More Controls** to bring up a menu of controls. If you want, you can then drag controls to empty slots on the right side so they appear on the main screen.



## **Connecting Transducers**

- 1 On the transducer connector, pull the latch up, and rotate it clockwise.
- 2 Firmly seat the connector into the port on the bottom of the unit.
- 3 Turn the latch handle counterclockwise.
- **4** Secure the connector to the system by pressing the latch up.

## **Checking the battery charge**

- Icons in the connectivity status area on the clinical monitor show the power and battery status.
- The system beeps to warn you that battery charge is below 14%.



## **Scanning**

## Simple scan

- 1 On startup, tap **Scan using default transducer and exam**.
- 2 To end the exam, tap **End Exam**.



## **Patient-specific scan**

- 1 On startup, tap Enter patient info.
- **2** Using the on-screen keyboard, enter the relevant patient information, and tap **Done**.



#### **Imaging modes**

- 2D (Default) Basic 2D scanning mode
- **M Mode** Displays motion within the 2D image. Commonly used to measure structures in the heart.
- **Color** The area within the box displays blood flow in color. Commonly used to show the presence and direction of blood flow.
- Doppler Displays a spectrum of flow velocities over time. Commonly
  used to display any type of motion, including blood flow and tissue
  movement.

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## **Scanning**

### **Exam types**

- 1 On startup, tap Select Transducer and Exam.
- 2 Under the transducer that you want to use, tap the type of exam that you want to conduct, and then tap **Scan**.





## **Record to DVR port**

- 1 Insert a USB memory stick in the DVR port.
- **2** Tap **®** Rec .
- 3 Tap **Rec** again to stop recording.

## Label an image

- 1 Tap **Label**, and either enter text at the top of the form, or choose a standard label from the list.
  - You can also tap **Picto** to choose from a list of graphic labels.
- **2** Tap **Done** and then drag the label to the desired location on the image.

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## Tips on using the touchscreen interface

#### Gestures

- **Swipe** Scroll pages and images; steer the D-line and the color box.
- **Drag** Change depth; adjust gain; move buttons, markers, and tools.
- **Tap** Select modes, screens, and tools.
- **Pinch & expand** Zoom or expand an image or a Color Doppler scan.

## Freezing and unfreezing

Using two fingers, tap the screen twice quickly.

## **Gain and depth**

Adjust gain and depth by dragging the associated sliders.

#### Zoom

- 1 Tap Zoom.
- **2** Drag the zoom box to a location on the screen.
- **3** Using two fingers, pinch or spread the zoom box to the desired size.
- **4** Double-tap the zoom box to expand the selected area.

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## Measuring

## **Measuring distance**

- 1 On a frozen image, tap **Distance**.
- **2** Drag the caliper to the first point.
- **3** Drag the second caliper to the second point.

## **Measuring heart rate**

- 1 On a frozen M Mode or scrolling Doppler trace, tap **Heart Rate**.
- **2** Drag the caliper to the peak of the heartbeat.
- **3** Drag the second caliper to the peak of the next heartbeat.

## **Displaying calculations**

- To display a list of calculations, tap **Calcs**.
- To display a list of acute care calculations, tap **Acute Care**.



## Managing images and clips

## Reviewing

Tap **Review** to see the images and clips in the current exam, or tap **Patient List** to view a different exam.

## **Labeling**

- 1 Tap More Controls, and then tap Label.
- 2 Tap **Text**, and then enter the text of the new label at the top of the form.
- **3** Tap **Done**, and then drag the label to the desired location on the image.

## **Exporting**

You can save an exam, including images and clips, to a USB memory stick for easy export.

- 1 Insert a USB memory stick into a USB port on the device.
- 2 Tap Review, and then tap Patent List.
- **3** Select a finished exam to export. Open exams cannot be exported.
- 4 Tap Export USB.
- **5** Select the USB memory stick from the list, and choose whether to include patient information.
- 6 Tap Export.

## **Printing**

With the image displayed, tap **Print**.

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## **Contact information**

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**Fax**: 425-951-6700

**E-mail**: service@sonosite.com

Web: www.sonosite.com

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