Quick Reference Guide
SonoSite X-PORTÉ Ultrasound System

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 SonoSite X-Porte system. For detailed procedures, descriptions, features, and safety precautions, see the SonoSite X-Porte User Guide, available at www.sonosite.com.

Touchscreen control panel example:
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 system 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.

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.
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, calipers, and labels.
• Tap – Select modes, screens, and tools.
• Pinch & spread – Using two fingers, zoom in 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.

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.