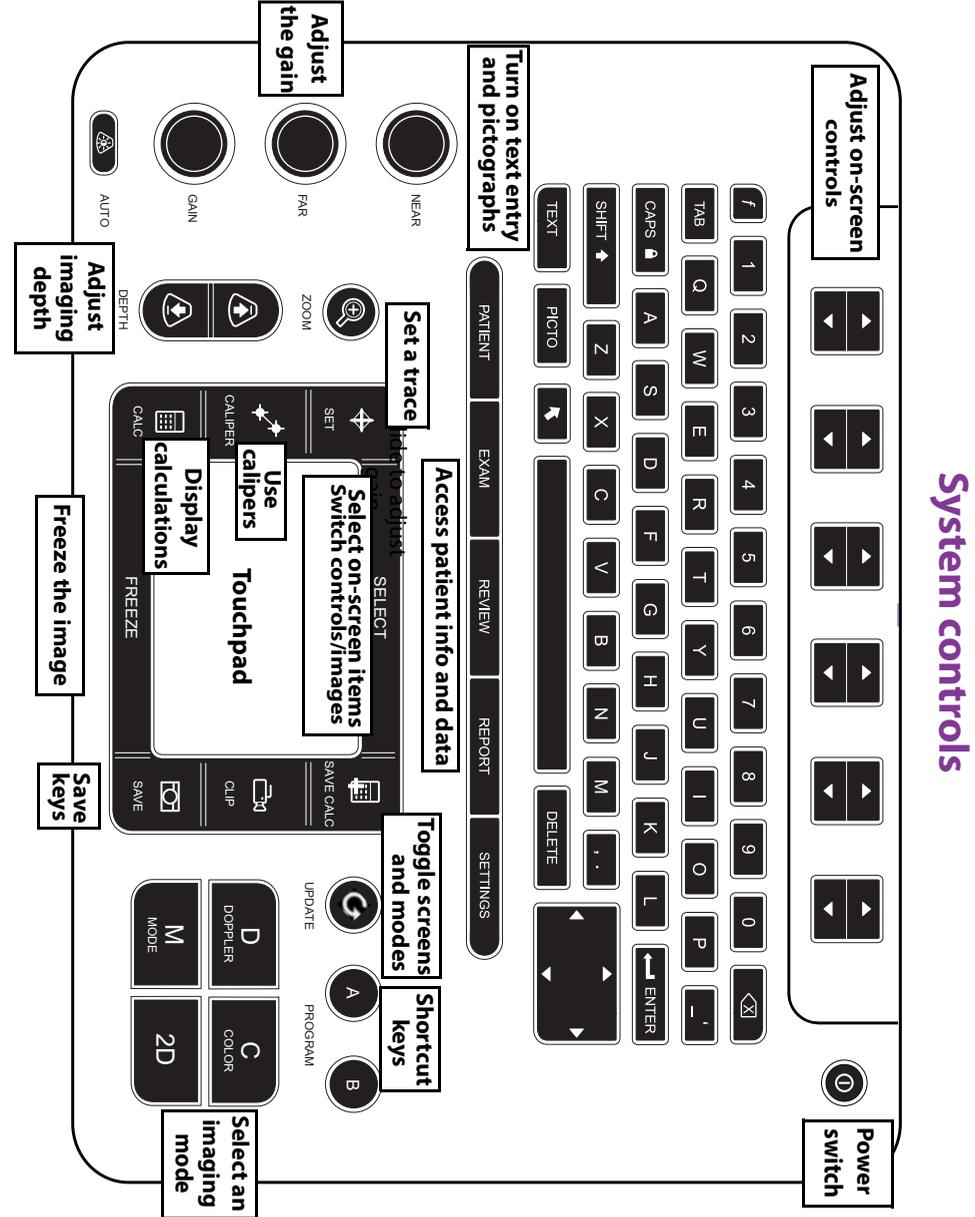
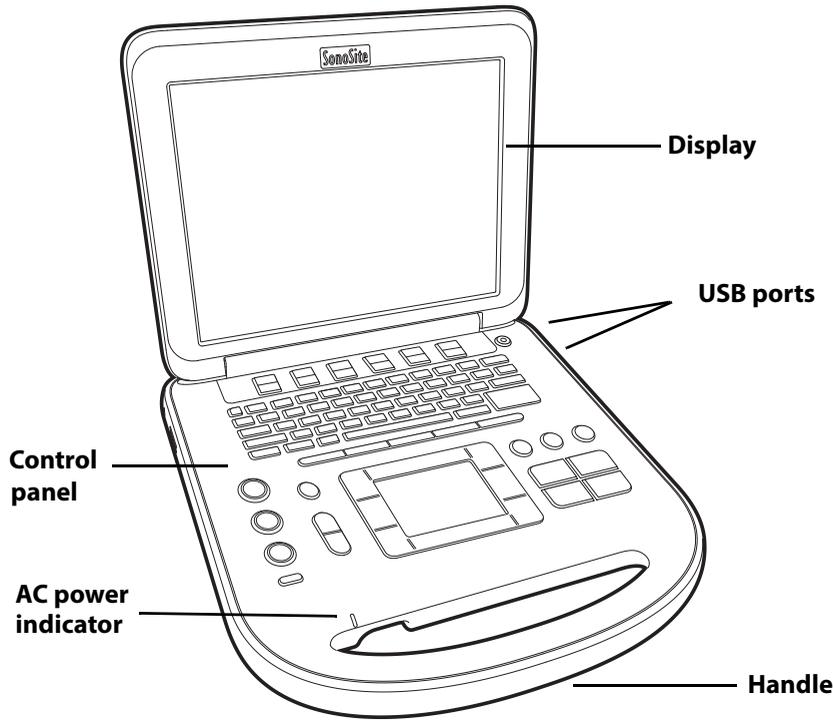
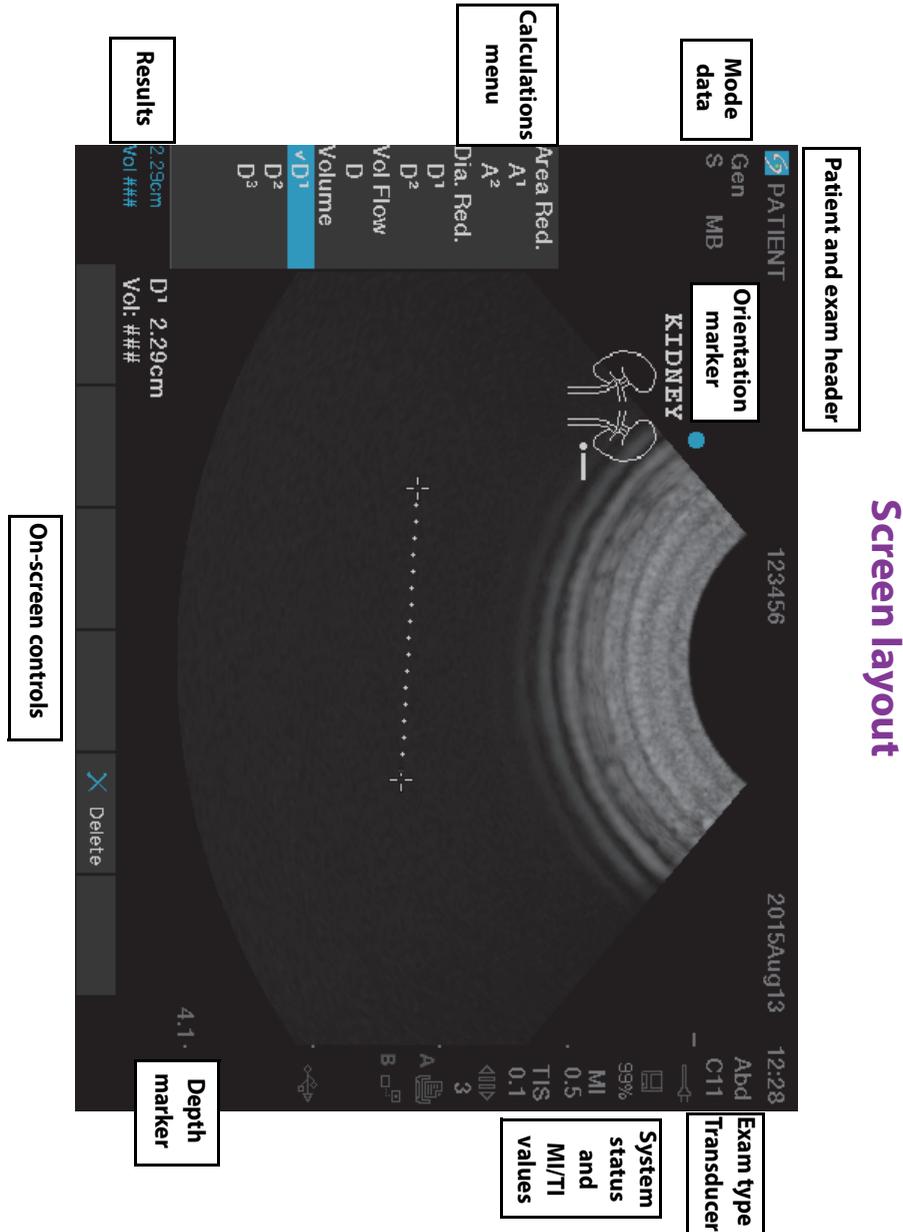


### Overview

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 Edge II system. For detailed procedures, descriptions, features, and safety precautions, see the *SonoSite Edge II User Guide*, available at [www.sonosite.com](http://www.sonosite.com).





Screen layout

## Getting Started

### Using the controls

Use the touchpad or arrow keys to adjust and move objects on-screen.

Use the on-screen controls to make adjustments and select settings. Adjust the on-screen controls by using the pair of keys below it, located on the keyboard.

### 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 screen show the power and battery status.

### Setting up the system

To fill out information fields in setup pages and forms, use the touchpad to position the cursor. Press the **SELECT** key to activate the field and enter text.

- 1 Press the **SETTINGS** key to display **Setup Pages**.
- 2 Select a setup page to change audio, account, security, devices, connectivity, and calculations settings.

## Imaging

### Imaging modes

- ▶ **2D** (default) – Shows the basic 2D imaging 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.

### Using basic imaging

- 1 Press an imaging mode key, and perform a scan.
- 2 Adjust controls to optimize the image and display features.
- 3 Save images and other data using the save keys.
- 4 Press the **PATIENT** key and select  **New/End** to end the exam.
- 5 Fill out the patient information form, and select **Done**.

### Using M Mode imaging

- 1 Press the **M** key to display M Mode. Use the touchpad to position the M-line.
- 2 To display the M Mode trace, press the **M** key again.
- 3 Select sweep speed ; press **PATIENT** to toggle between the M-line and trace; in M Mode and Doppler duplex layout, press **M** to toggle between duplex and M-line.

### Using color imaging

- 1 Press the **C** key, and select **CPD** or **Color**.
- 2 Use the touchpad to position or resize the ROI box. Press the **SELECT** key to toggle between position and size.

## Imaging

### Using Doppler imaging

The default Doppler imaging mode is PW Doppler.

- 1 Press the **D** key to display the D-line.
- 2 Use the touchpad to position the D-line and gate.
- 3 Adjust the angle: press the **SELECT** key, then use the touchpad, or freeze the image and use the **FAR** gain knob.
- 4 To display the spectral trace, press the **D** key again. Press the **UPDATE** key to toggle between the D-line and spectral trace.

You can use PW/CW Doppler and CPD/Color simultaneously. The **SELECT** key cycles among ROI box position; ROI box size; the D-line and gate location; and (in PW Doppler) angle correction.

### Selecting an exam type

To select an exam type, do one of the following:

- ▶ Press the **EXAM** key, and select from the menu.
- ▶ Press the **PATIENT** key. On the patient information form, select from the **Type** list under **Exam**.

### Adjusting gain and depth

- ▶ Use the **DEPTH** keys to adjust depth.
- ▶ Press the **AUTO** key to adjust gain automatically. Use the gain knobs to adjust gain manually.

### Freezing and viewing frames

- 1 Press the **FREEZE** key.
- 2 View frames by turning the **GAIN** knob, using the touchpad, or pressing the arrow keys.

## Imaging

### Zooming

- 1 In 2D or Color, press the **ZOOM** key. An ROI box appears.
- 2 Use the touchpad to position the ROI box and press **ZOOM** again to magnify.
- 3 If the image is frozen, use the touchpad or arrow keys to pan the image.
- 4 Press **ZOOM** again to exit.

### Labeling an image

- 1 Press the **TEXT** key.
- 2 Move the cursor with the touchpad or arrow keys.
- 3 Use the keyboard to enter text or select **Label** to choose a predefined label.

You can also add arrows  or pictographs (**PICTO**). Select  **x/x** to display the desired pictograph, and then press the **SELECT** key.

### Using clips

- 1 In 2D mode, select **Clips** on-screen to set the controls.
- 2 Press the **CLIP** key to save or edit the clip, depending on the settings.
- 3 Press the **CLIP** key again to stop saving a clip.

## Measuring

### Performing measurements and calculations

- ▶ Perform basic measurements in any mode, and press **SAVE** to save an image displaying the measurement.
- ▶ Press the **CALCS** key, then **SELECT** to choose a calculation.

You can save a measurement to a calculation or begin with a calculation and then measure. Press **SAVE CALC** or select **Save** on-screen to save a calculation.

## Measuring

### Measuring distance

- 1 On a frozen 2D or M Mode image, press the **CALIPER** key.
- 2 Position the caliper with the touchpad, then press **SELECT** and position the second caliper.

### Measuring area or circumference

- 1 On a frozen 2D image, press the **CALIPER** key.
- 2 Select **Ellipse**, and use the touchpad to adjust size and position. Press the **SELECT** key to toggle between position and size.

### Measuring heart rate

- 1 On a frozen M Mode trace, press the **CALIPER** key.
- 2 Select **HR** on-screen. A vertical caliper appears.
- 3 Use the touchpad to position the caliper at the peak of the heartbeat, and press the **SELECT** key. A second vertical caliper appears.
- 4 Position the second caliper at the peak of the next heartbeat.

### Tracing

You can trace manually (2D or Doppler) or automatically (Doppler).

- 1 On a frozen image, press the **CALIPER** key.
- 2 On-screen, select **Manual** to trace manually or **Auto** to trace automatically.
- 3 Use the touchpad to position the caliper, and press **SELECT**.
- 4 Complete the trace:
  - ▶ (Manual) Use the touchpad to complete the trace, and press the **SET** key.
  - ▶ (Auto) Use the touchpad to position the caliper at the end of the waveform, and press the **SET** key.

## Managing images and clips

### Reviewing patient exams

- 1 To display the patient list, press the **REVIEW** key.
- 2 If there is an active exam, select **List** on-screen.  
You can select a patient and view exams or edit patient information.
- 3 Select **Review** on-screen then select  **x/x** to choose an image or clip. To play a clip, select **Play**.

### 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 In the patient list, select the patient exam you want to export.
- 3 To display a list of devices, select **Exp. USB** on-screen.
- 4 Select the USB memory stick from the list, and choose whether to include patient information.
- 5 Select **Export**.

### Printing, deleting, and archiving

- ▶ To print a displayed image, select **Print**.
- ▶ To delete, select a patient exam or display an image or clip, and select  **Delete**.
- ▶ To archive, select one or more patients from the patient list, and select **Archive**.

## Contact information

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