



# Quick Card

## Venue Go™ Ultrasound System

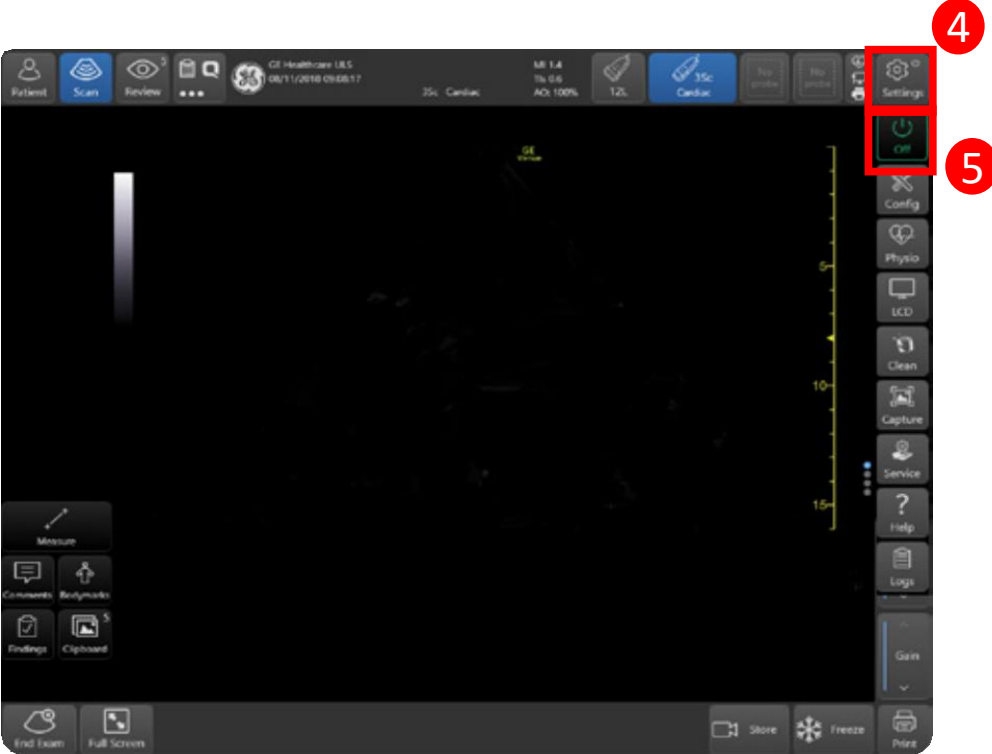
\*Probe cables not shown

The quick card is a quick reference and does not replace the Basic User Manual.  
Please refer to the Basic User Manual for more detailed information.

# System Overview



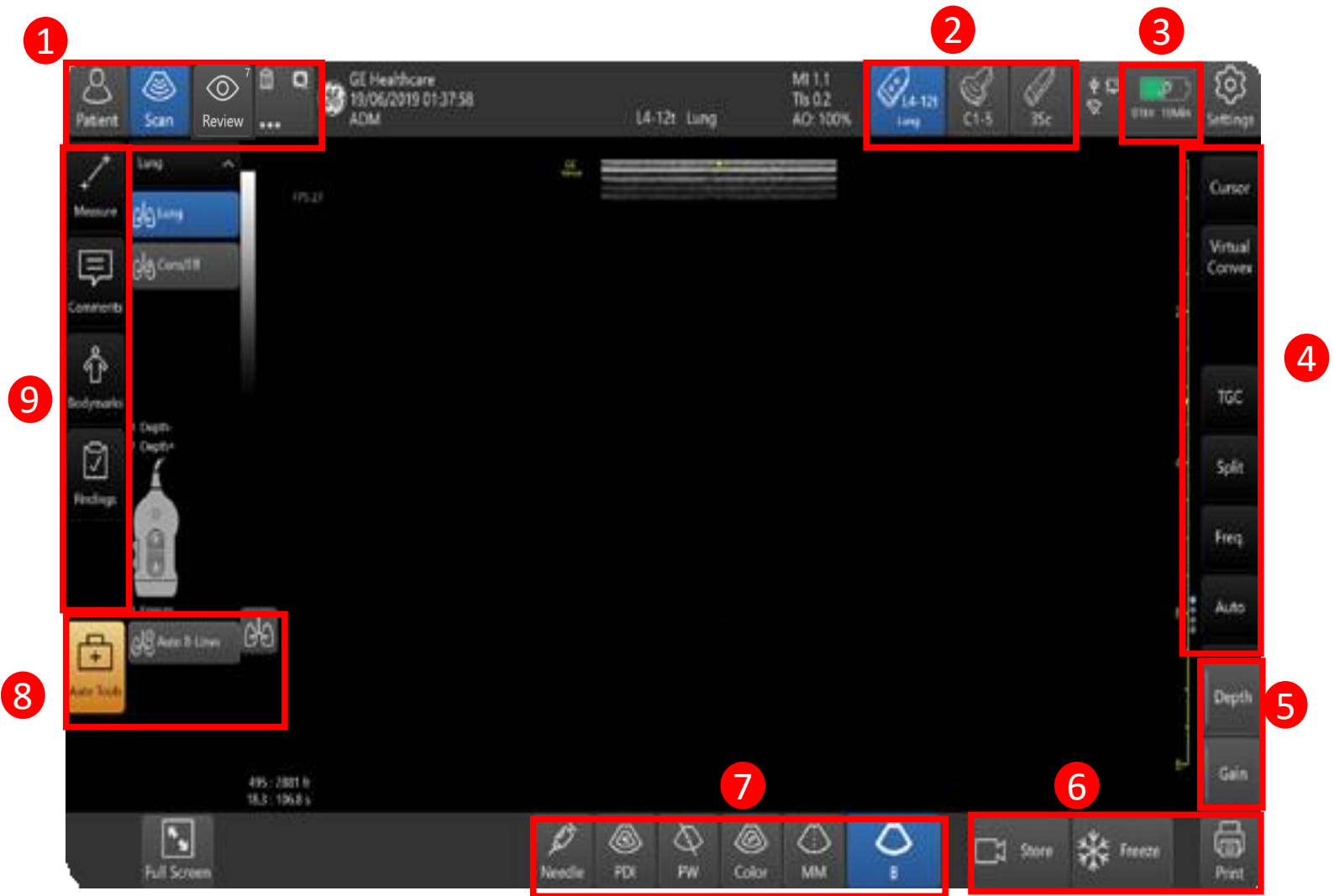
- 1. AC mains power indicator & Battery status display
- 2. System identification and power status stripe indicator
- 3. System's ON/OFF button



- 4. Press the Settings Icon
- 5. Select the Off Icon

Note: The secondary Off icon is used to shut the system down. If necessary, the main **On/Off** button may be used by accessing the **Settings** tab, then **Config**. From the **Imaging** tab, select **Global Settings**. Under the **Power Button** section, uncheck the Disable **Physical Power Button** box.

# System Overview



**1****Starting a new exam**

Tap **"Patient"** upper left corner. Using the bar-code reader, scan the patient's ID bar-code **OR** Using the digital keyboard, enter the patient's details such as:

- Patient ID
- Patient last & first names

The patient's name and ID number is retained with each patient's image and transferred with each image during archiving or hard copy printing.

**Starting a new exam on an existing patient**

- Tap **"Patient"**.
- Select patient from **"Patient List"**.
- Tap **"Begin Exam"** bottom-right corner of the patient screen.

Select either to continue the last exam or to create a new one.

**Scanning without entering patient data:**

- Tap **"Patient"**.
- Select **"Probe and preset"** (2). The scanning screen appears following preset selection OR Tap **"Begin Exam"** to step into the scanning screen while maintaining current probe and preset.
- Tap **"End Exam"** when done. A message appears, prompting you to enter Patient ID and other patient details before ending the exam.

**SCAN** - Main scan screen activation **Review** - Image review-screen activation **Worksheet**, QPath and more

**2****Probe and Preset**

- Tap once to activate probe.
- Tap twice to see all preset options
- Tap any preset to activate it.

Active probe highlighted blue including name of active preset.

**3****Battery Indication**

Battery charge level and scan time status indicator

**4****Scan Controls**

To activate scan controls tap the control. drag the related slide bar or tap up/down arrows.

- Frequency
- CHI (Coded Harmonic Imaging)
- Compound ("CrossXBeam")
- Gray Map
- Focus Pos
- Reverse
- Split
- Auto
- Dynamic Range
- Reject
- SRI
- Edge Enhance
- Width
- Power
- Center line
- Up/Down
- Line Density

**5****Gain**

To make the overall image brighter or darker: • Swipe vertically (up/down) over the B-mode image **"gray scale bar"** . - or - • Tap **"Gain"** and +/- arrows or - • Tap **"Gain"**, then drag the slide bar up/down.

**Depth**

To increase or decrease scanning depth: • Swipe vertically (up/down) over the B-mode image **"depth scale"** . - or - • Tap **"Depth"** and +/- arrows or tap **"Depth"** then drag slide bar up/down.

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### **Freeze Store Print**

While scanning you may store single images or cineloop video clips in prospective or retrospective modes.

Tap “**Freeze**” while scanning to stop all movement. This allows you to add measurements, findings, and annotations. Freezing the image also allows you to store/print a single still frame. Tap “**Store**” during live scanning to store a video (cine-clip).

Tap “**Store**” when you wish to store your images or cine clips.

Tap “**Print**” when you wish to print your image. Printer must be purchased and connected for this option.

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### **Mode Controls**

Tap any mode key “**B/M/Color/PDI/PW/CW/Needle**” to activate the mode. Tapping modes will toggle between them. Available modes are dependent on probe, preset and mode in use.

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### **AUTO TOOLS**

Tap “**Auto Tools**” and the dependant upon the probe and preset selected you will see

- Auto IVC
- Auto VTI
- Auto Blines

#### **AUTO B-Lines**

While scanning the desired lung segment, tap “**B-Lines**” left lower corner of the scanning screen. • The system displays a B-mode image with the area of measurement and quality indicator on the bottom of the scanning screen. • The B-lines are marked by white lines in the image. • The B-Lines count value is indicated • Click Store to store the image and the B-line's number.

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## AUTO TOOLS

Tap “**Auto Tools**” and the dependant upon the probe and preset selected you will see

- Auto Blines
- Auto VTI B-lines
- Auto IVC

## AUTO VTI

While scanning the heart in a 3 or 5 chamber view, tap “**Auto-VTI**” left lower corner of the scanning screen

- The system displays a magnifying glass search symbol for a brief second, while it is searching for the LVOT. The system places a ROI over the LVOT
- If the ROI has not been positioned correctly, you may reposition it to a preferred location.
- 6. View the PW gate appearing and stabilizing automatically over the LVOT flow.
- The color of the ROI indicates the quality of the image.
- The blood-flow through the LVOT is traced along the PW time-line.
- The system marks the measurements outline on the PW timeline, and calculates the VTI, HR, every 2 seconds if the signal quality is acceptable. Additionally, the system may calculate CO, SV, CI or CO Flux if the LVOT diameter was measured or defined.
- When the ROI is green, indicating the PW signal quality is acceptable, Freeze the image to assess the loop.
- Click Store to archive the images and measurements.

## AUTO IVC

While scanning the IVC in a long axis view, tap “**Auto-IVC**” left lower corner of scanning screen. The system automatically calculates a CI. If the patient is ventilated tap Ventilator on the bottom menu to switch the measurement from CI to DI.

- The system displays B-mode along with Anatomical M-mode (AMM) timeline.
- The system automatically positions an AMM cursor over the IVC.
- The color of the AMM cursor indicates the quality of the anatomy presentation
- When the cursor is green, this indicates that the image is acceptable. Freeze the image to assess the loop
- Click Store to store the image and the measurement.

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## Measure

- Tap Freeze
- Tap Measure once;
- an active hand-symbol appears, with an active caliper at its center.
- Select Caliper or dedicated measurement from the folders
- Touch and drag the hand symbol and place the caliper over the start point
- To fix the start point, tap the hand-symbol
- The system fixes the first caliper and displays a second active caliper
- Repeat the steps to obtain a further measurement.

A measurement menu will appear on the left of the screen which will display the values. Here you can also adjust or remove the measurement.

## Comments

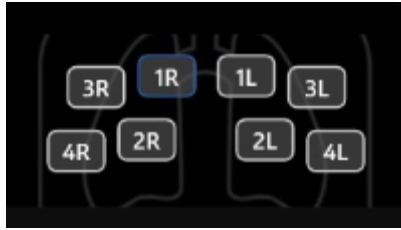
- Select Comments
- Choose comments from Annotation Library or type an annotation using the keyboard.

## Findings

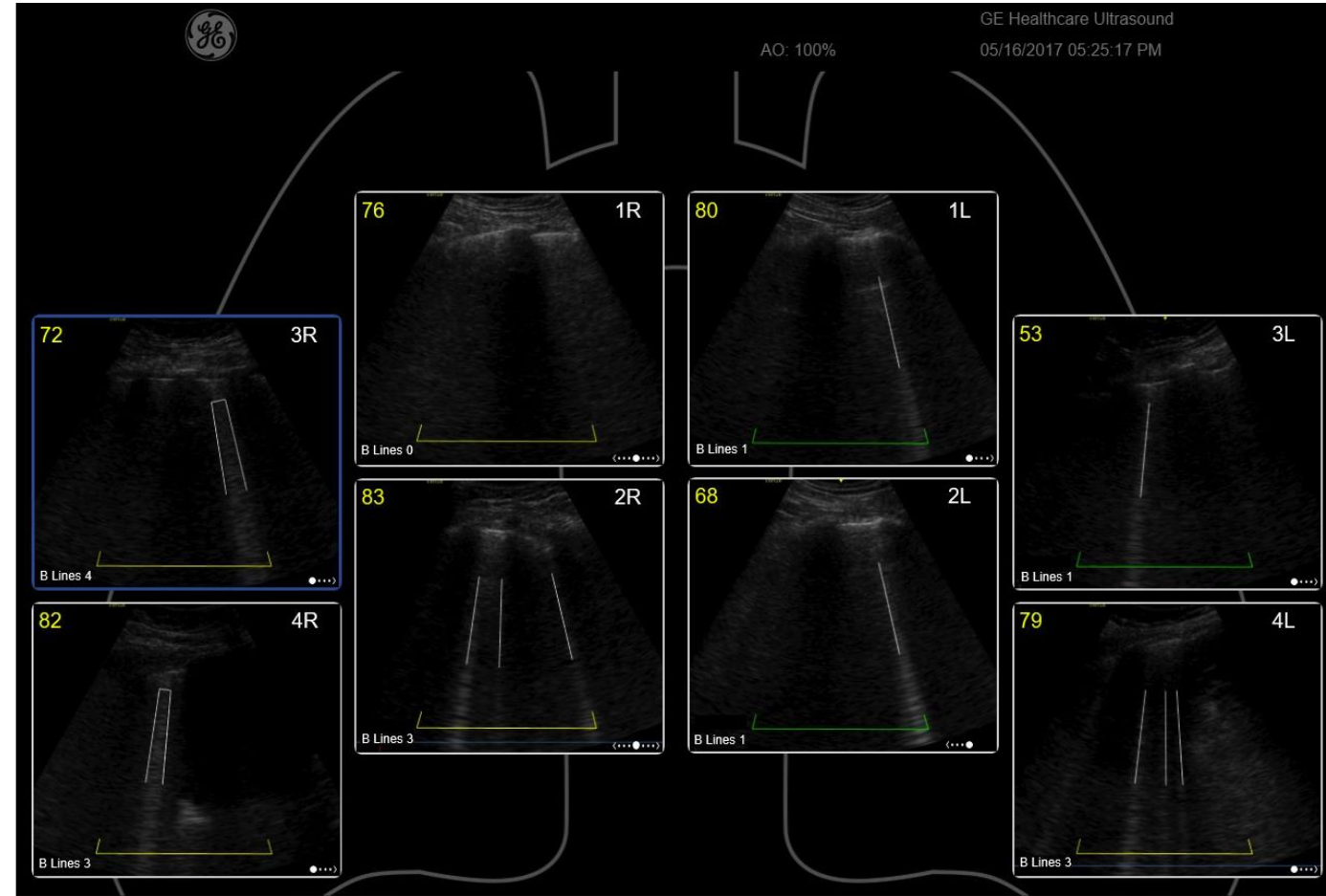
- Select Findings
- Choose finding you wish to associate to the image.

# Lung Diagram

- Select a lung assessment under Shock, eFAST or Lung application (2).
- A scanning screen appears with a lung diagram navigation control on the bottom left of the screen.



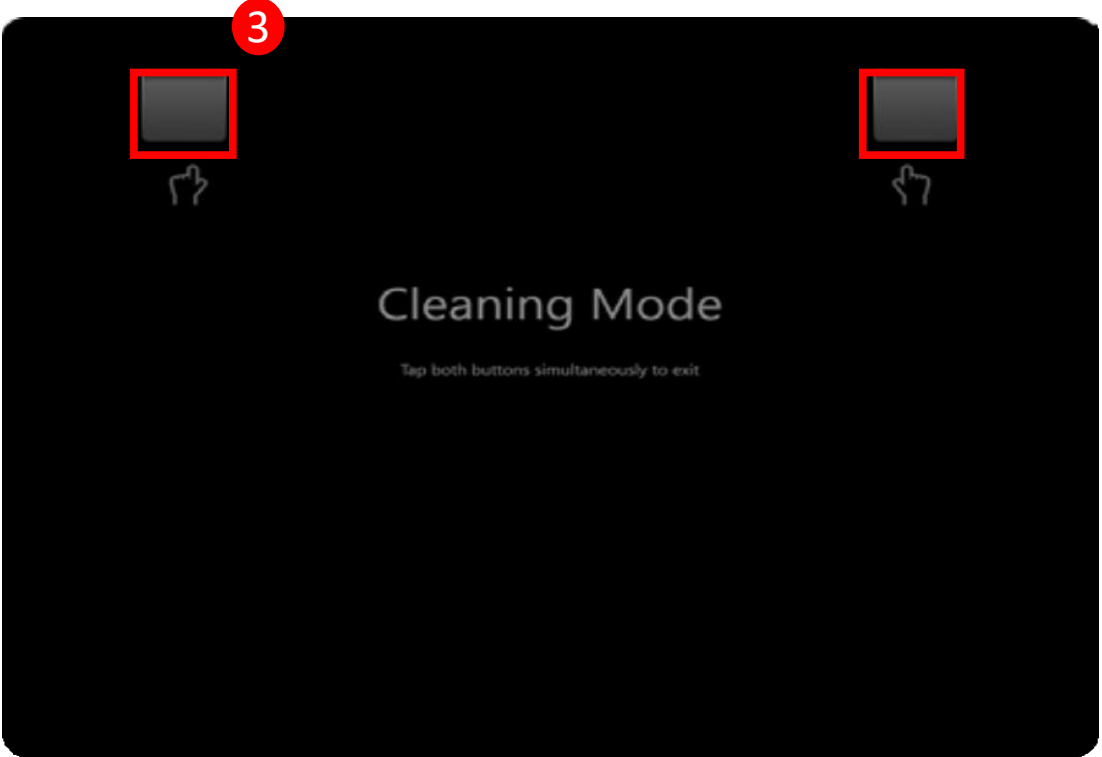
- The navigation control contains an anatomical diagram of the lungs with a set of buttons representing the various lung zones.
- One of the buttons is framed in blue to represent the current lung-zone being scanned.
- Tap on any other button to label the correct lung zone being scanned. You can turn on the Auto B-Line tool to measure the B-Lines.
- You can add Findings, comments or do any measurements before storing the image or loop (9)
- To display the Lung review Tap **“Review”** (1)
- Tap the **“Lung icon”** at the bottom of the screen.



If Auto lung zone increment has been configured The active button advances by default to the next zone following Image store. • You may still tap on any other button to select any desired lung zone. • If Auto lung zone increment is OFF, select the current lung zone manually. • Continue to store images for the various lung zones.

# Cleaning Mode

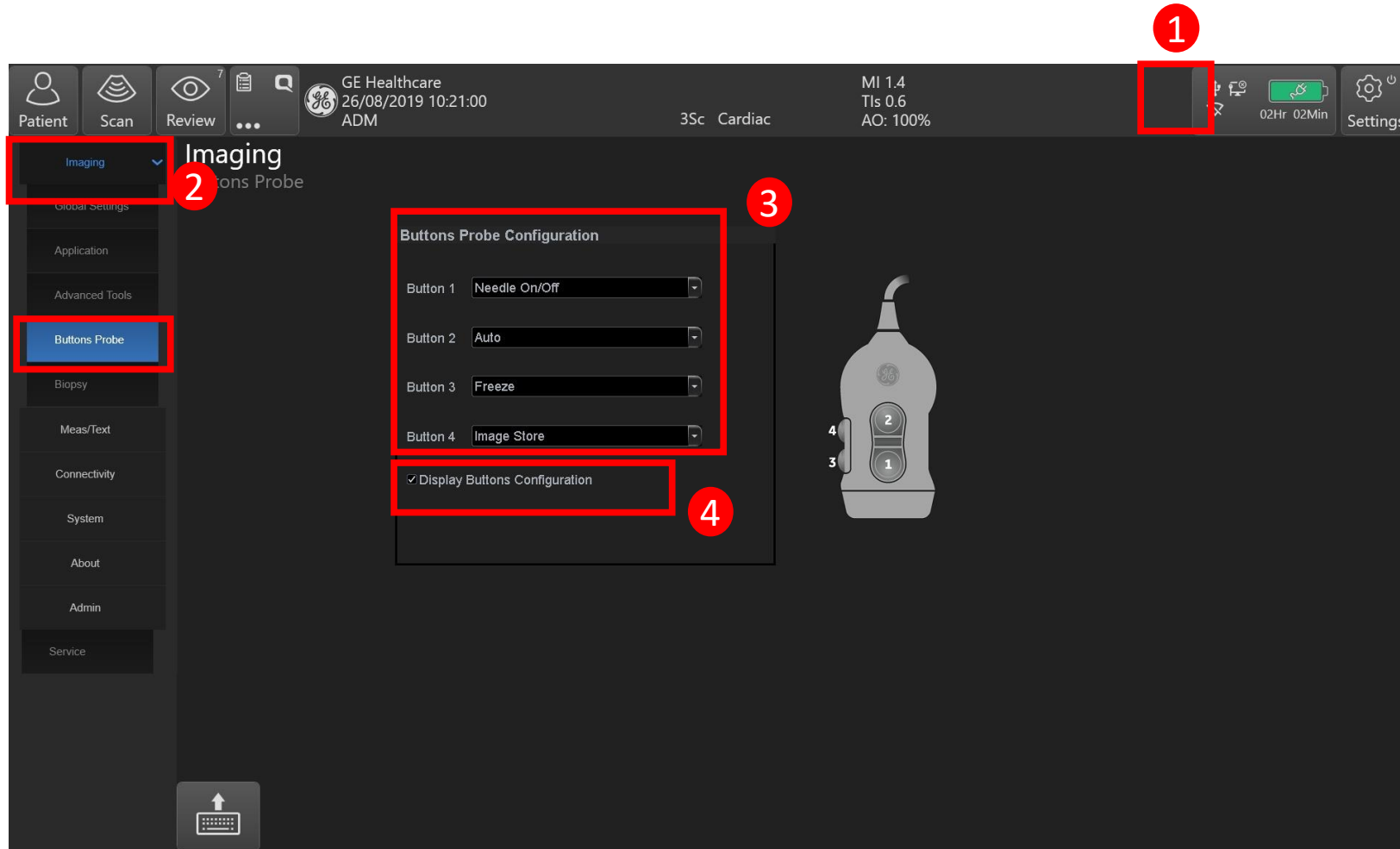
To allow cleaning of the touch panel display without affecting the system operation



- 1 Press the **Settings** icon
- 2 Select **Clean** (Monitor locked)
- 3 Tap both buttons at same time to unlock monitor



# Configure your Button Probe



1. Tap Settings/Config. and log on if required
2. Select Imaging/Application/L12n Buttons
3. Select the functionality from the drop-down menu for each of the buttons. Their number on the menu matches the numbers written on the probe
4. Display Buttons Configuration setting allows to view a small picture of the probe and the buttons labels while scanning with it.

## Enable/disable

Press 2 buttons simultaneously to disable the four probe control buttons. Repeat this to enable the four buttons.

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## Imagination at work

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Data subject to change

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