SonoSim®

SonoSim LiveScan®
User Guide

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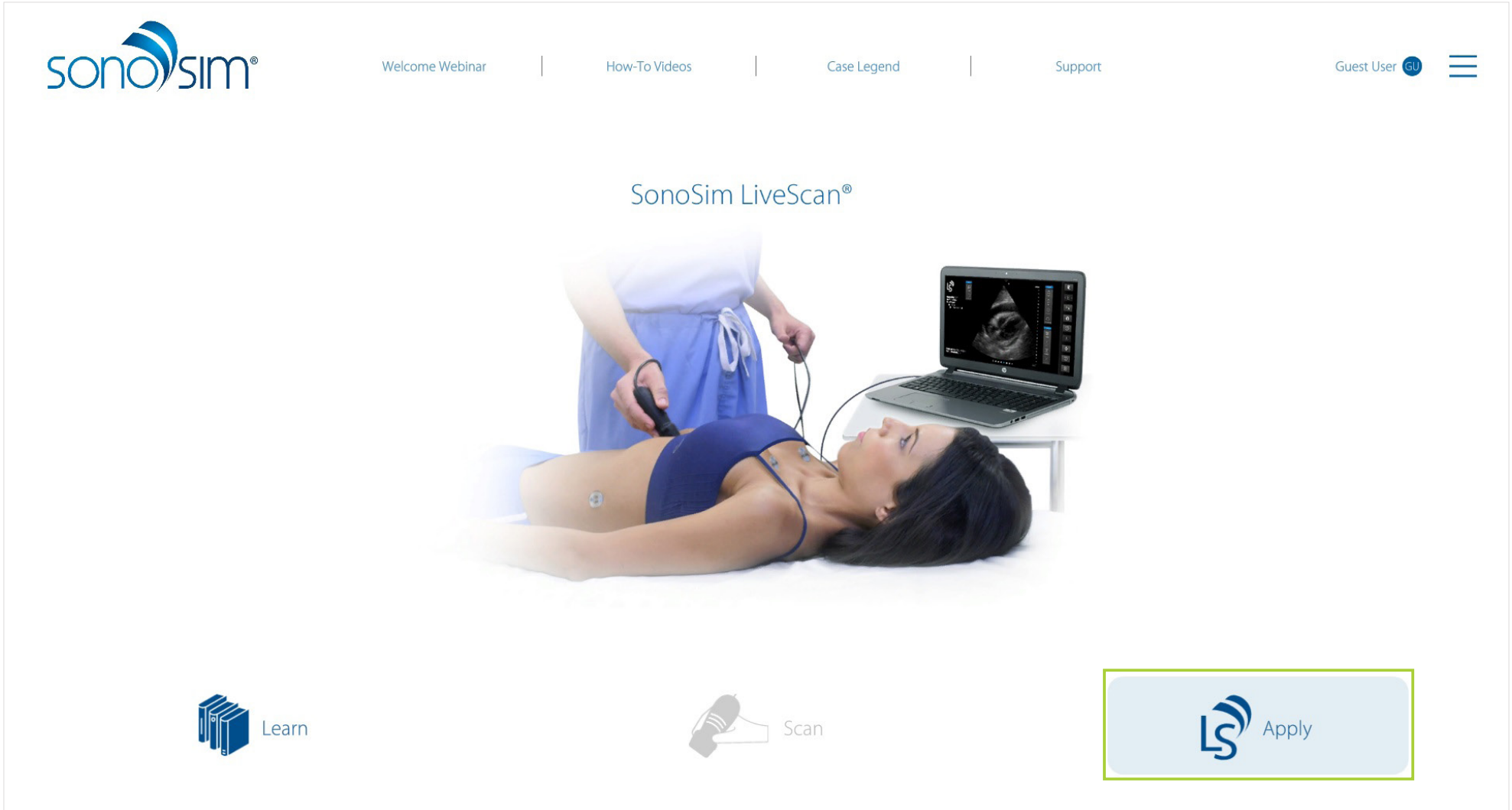
Using SonoSim LiveScan - Getting Started

To begin using SonoSim LiveScan, please follow these steps:

1- Launch SonoSim LiveScan

From the Main Menu, select the button "Apply" that displays the SonoSim LiveScan logo.



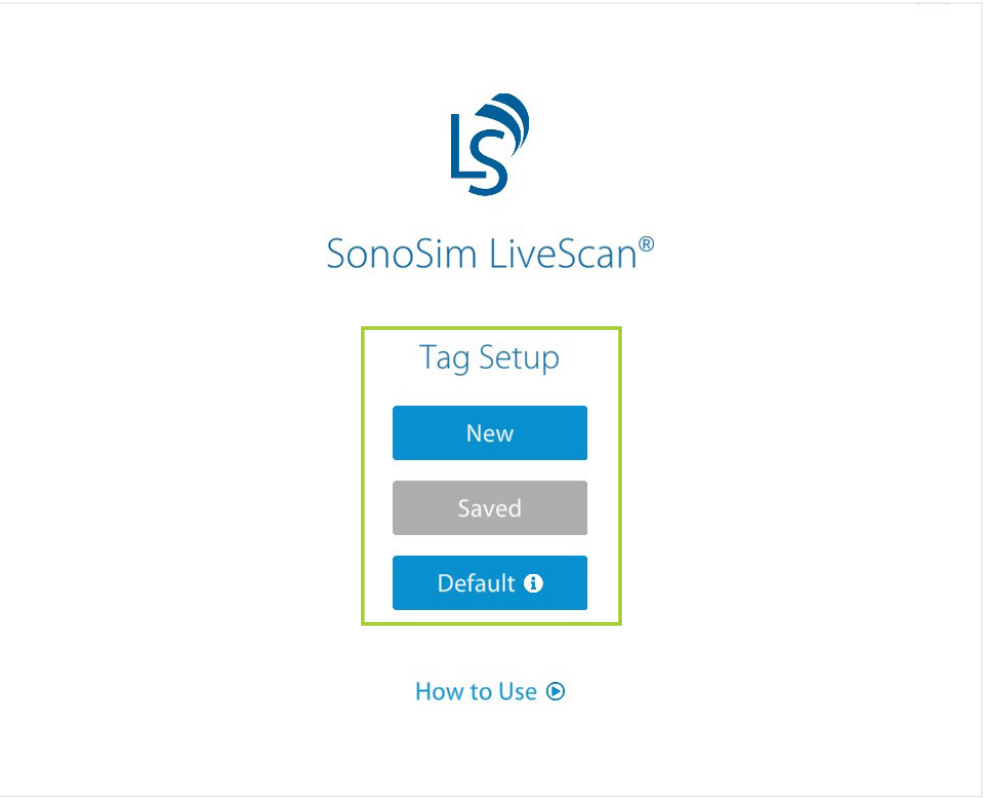
2- Tag Setup

SonoSim LiveScan tags must be precisely positioned to ensure accurate ultrasound window representation. Follow Tag Setup instructions on screen for each tag you wish to place. From the SonoSim LiveScan Tag Setup Menu you will have three options to choose from:

New: If you have not already set up tags for a new manikin or human volunteer select the 'New' button. You will be walked through the tag setup for each tag. Once completed, you can save your tag setup for that specific manikin or human volunteer.

Saved: Load saved setup configurations you have previously created by clicking the 'Saved' button. Once you have pressed the "Saved" button you will be brought to the list of all your saved setups.

Default *(Not Recommended)*: If you wish to bypass tag setup, you can use the default configurations. *Due to the unique shape of each model, ultrasound images in the Default Setup may not match your probe positioning. Creating a new tag setup ensures that the ultrasound images display correctly on your model and gives an optimal experience.*

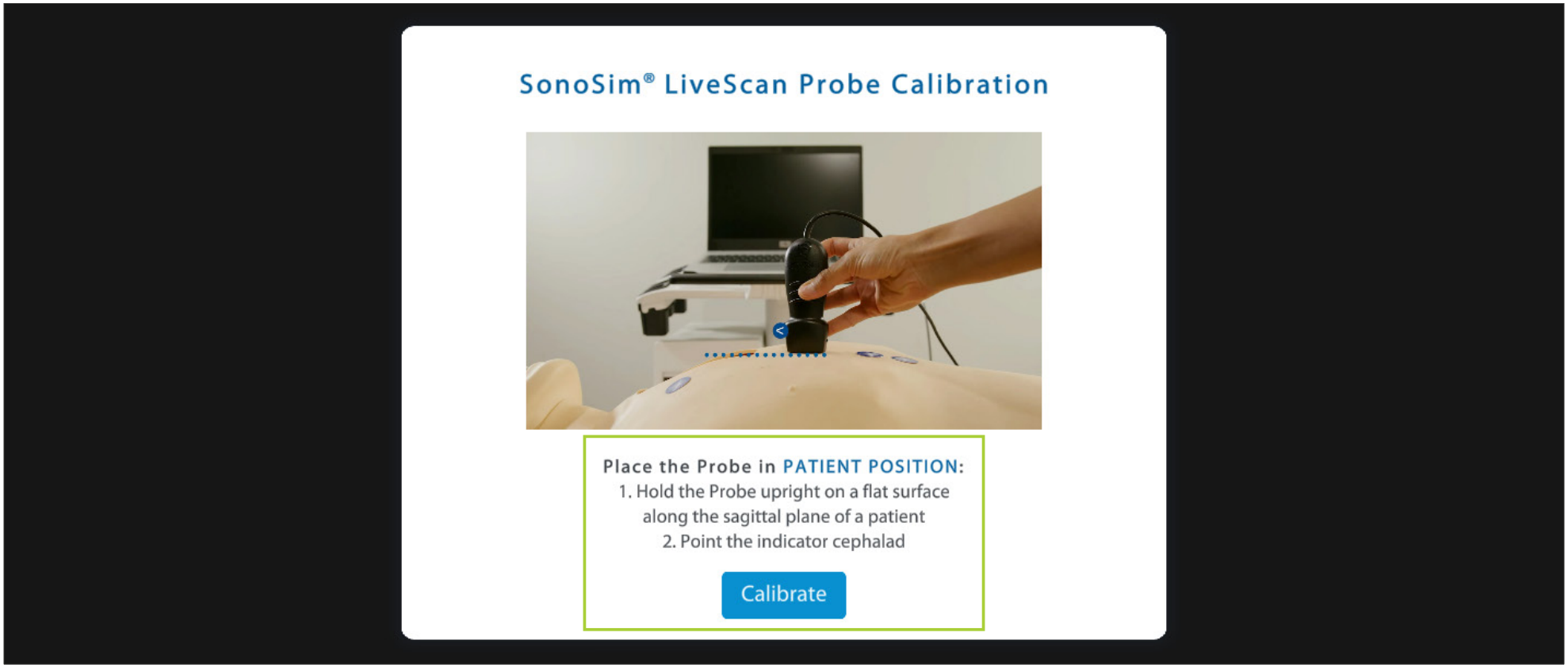


3- Calibrate the SonoSim LiveScan Probe

Step 1: Hold the Probe upright on a flat surface along the sagittal plane of the patient.

Step 2: Point the indicator cephalad.

Step 3: Press "Calibrate" or "C" key.



Note: SonoSim LiveScan tags must NOT be used on anyone with an electronic pacemaker, implantable cardioverter-defibrillator, or other implantable electronic medical device.

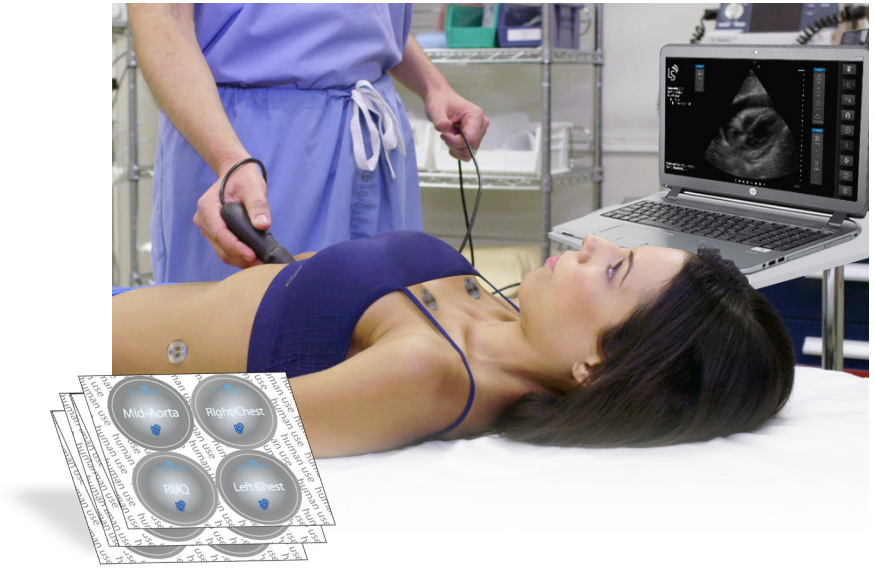
4- Choose your SonoSim LiveScan Tags

Choose either semi-permanent or disposable SonoSim LiveScan tags, depending on whether the tags will be applied to a manikin or human volunteer.

The disposable tags (silver) have a hypoallergenic adhesive and are specifically designed for single use application onto human skin.

The semi-permanent tags (blue) are designed for long-term application onto manikin.

Semi-permanent manikin SonoSim LiveScan tags



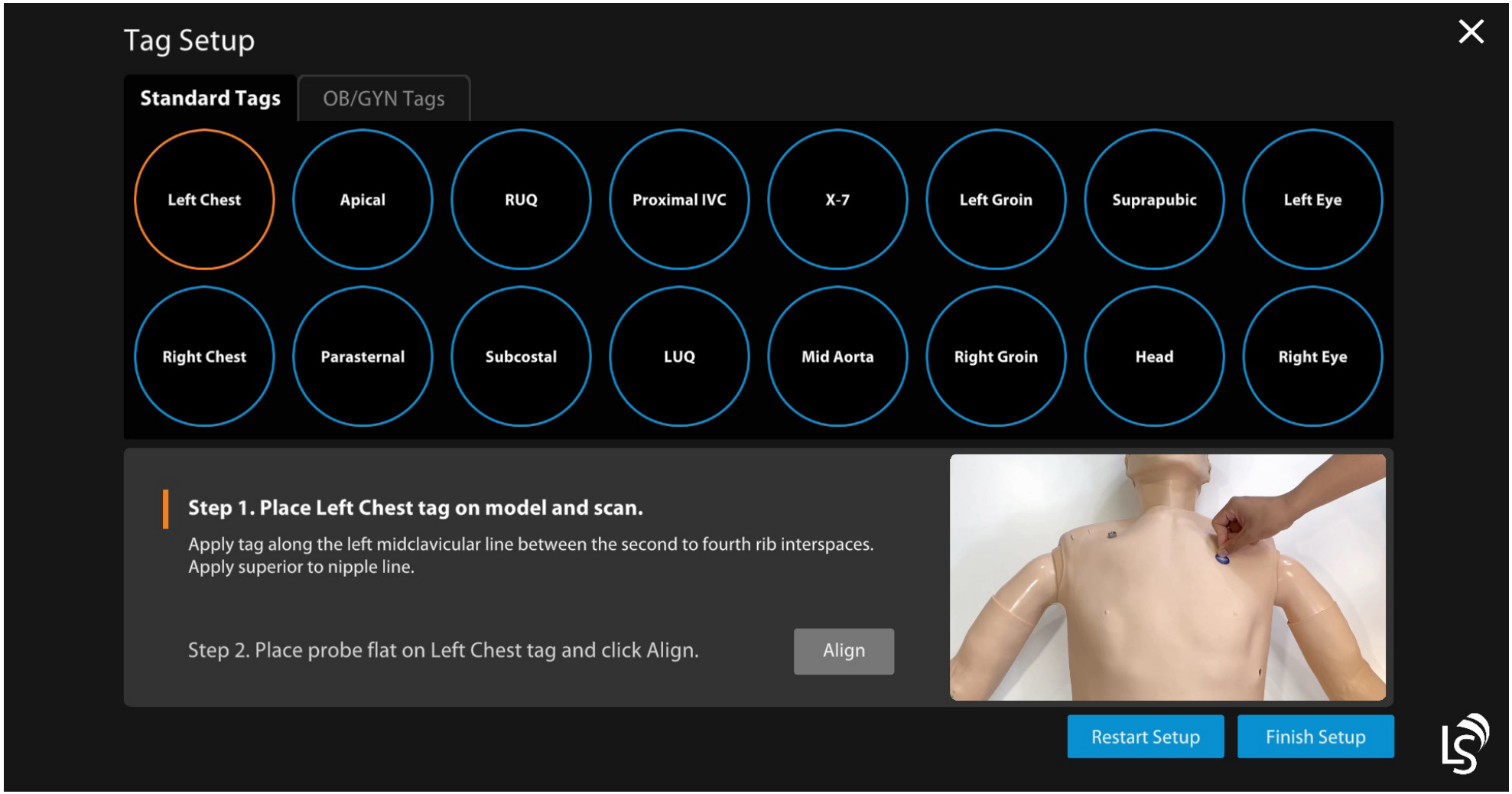
Disposable human SonoSim LiveScan tags

Note: SonoSim LiveScan tags must NOT be used on anyone with an electronic pacemaker, implantable cardioverter-defibrillator, or other implantable electronic medical device.

5- Apply your SonoSim LiveScan Tags

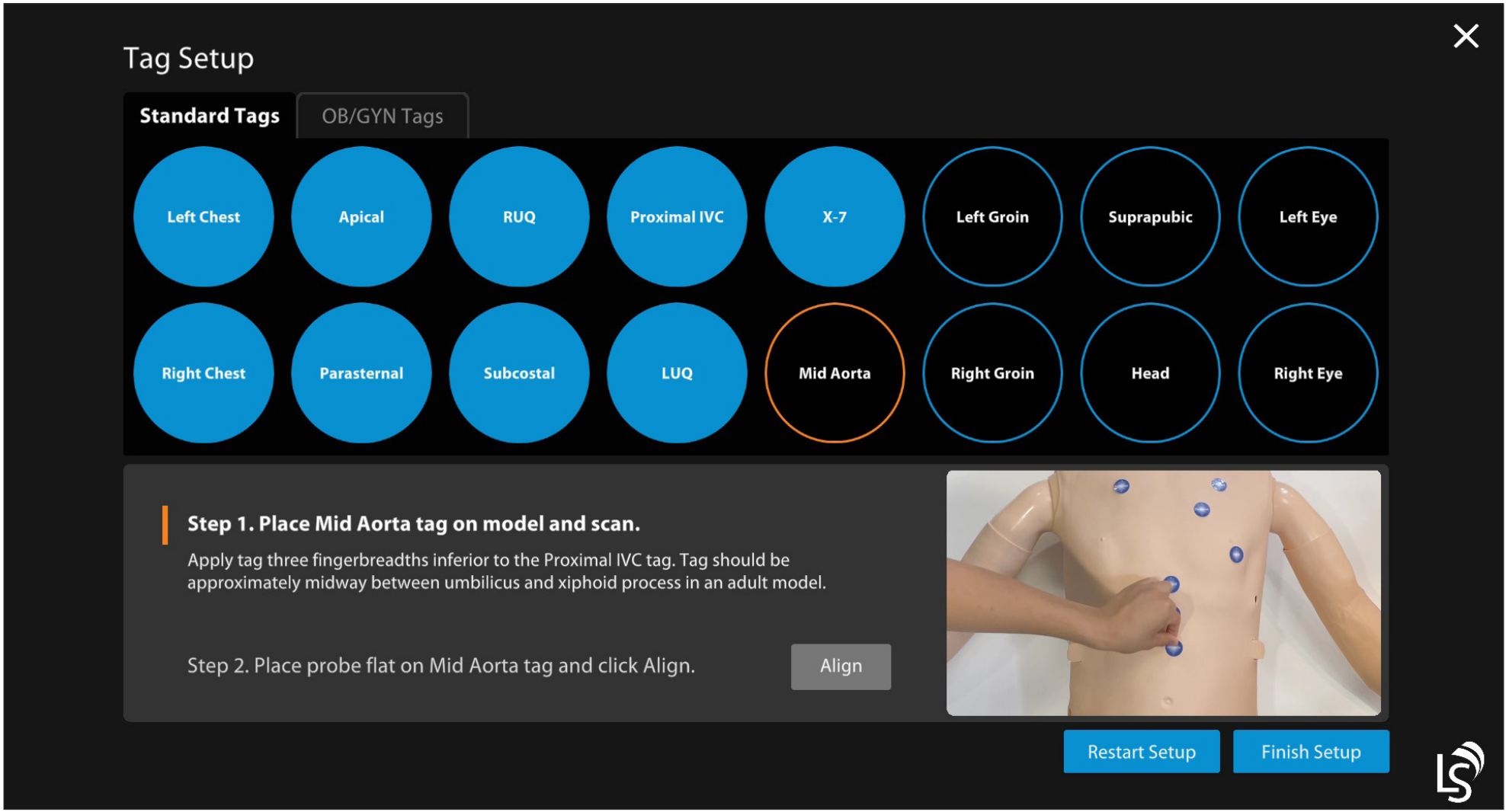
Step 1: Begin by placing the first tag on your manikin or volunteer, according to the instructions on screen.

Step 2: Place the probe flat on the SonoSim LiveScan Tag and click 'Align'.



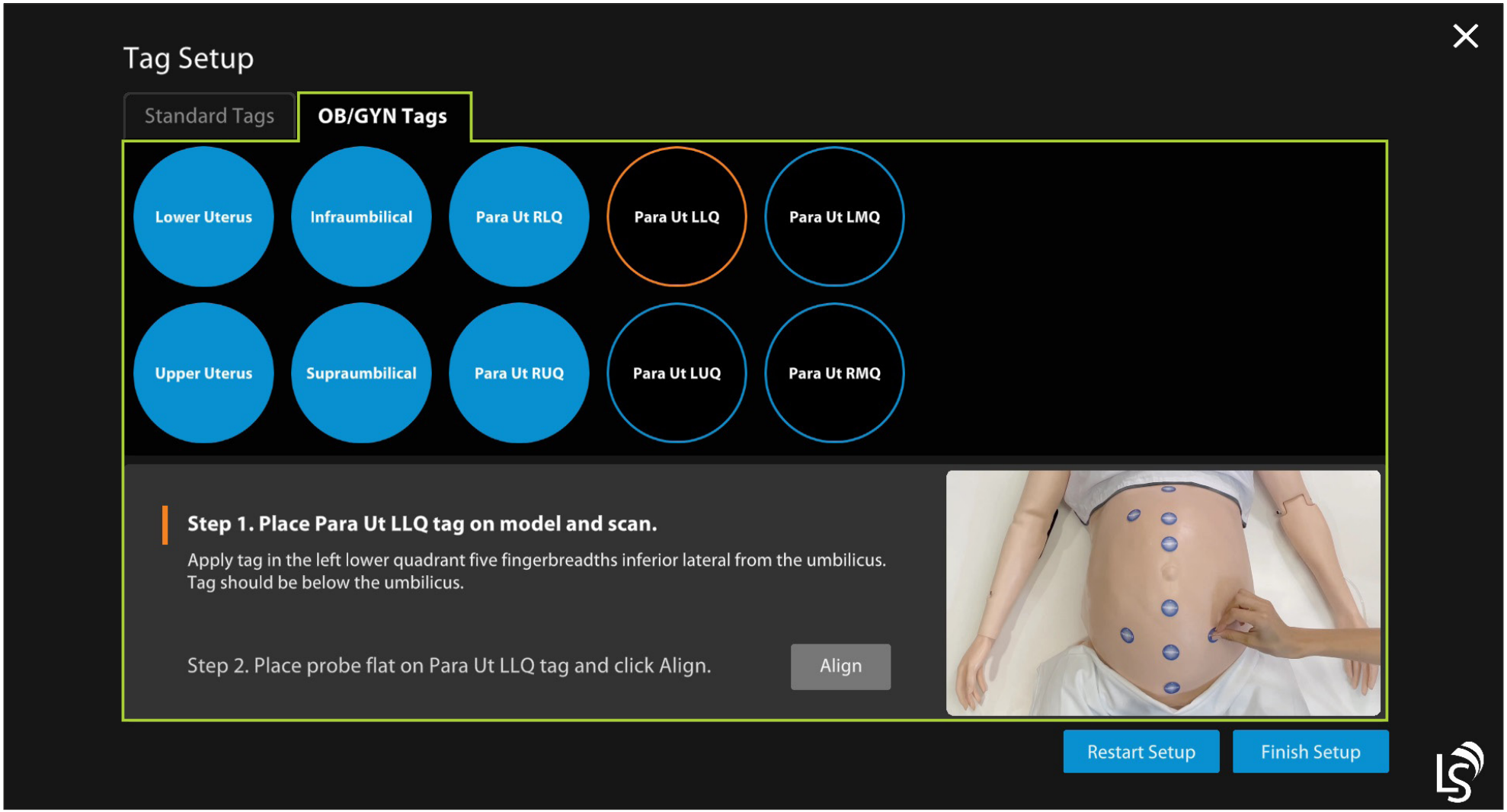
Apply and setup each tag you plan to use. It is not required to set up all tags available.

After you complete each tag setup, the image of the tag on the screen will fill in blue to indicate you have aligned the tag to your manikin or volunteer.



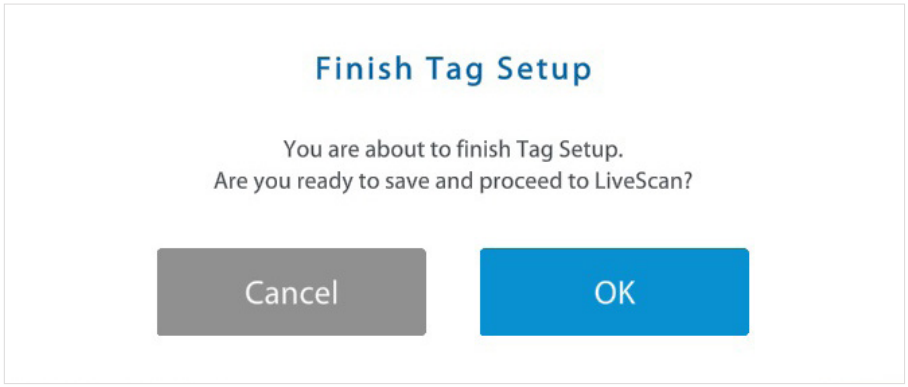
If you need to place OB/GYN tags, select the 'OB/GYN Tags' tab.

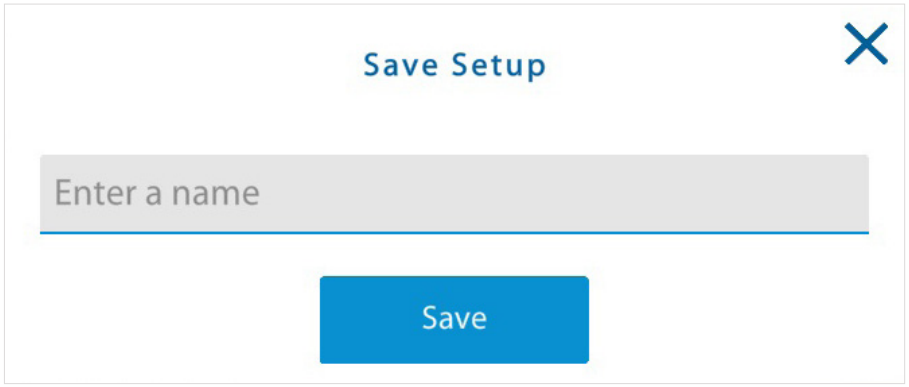
Note: After setting up Standard Tags you will automatically be directed to OB/GYN tag setup. It is not required to setup all tags - only the ones you wish to use. Skip any unwanted tags by selected the next tag you wish to set up.



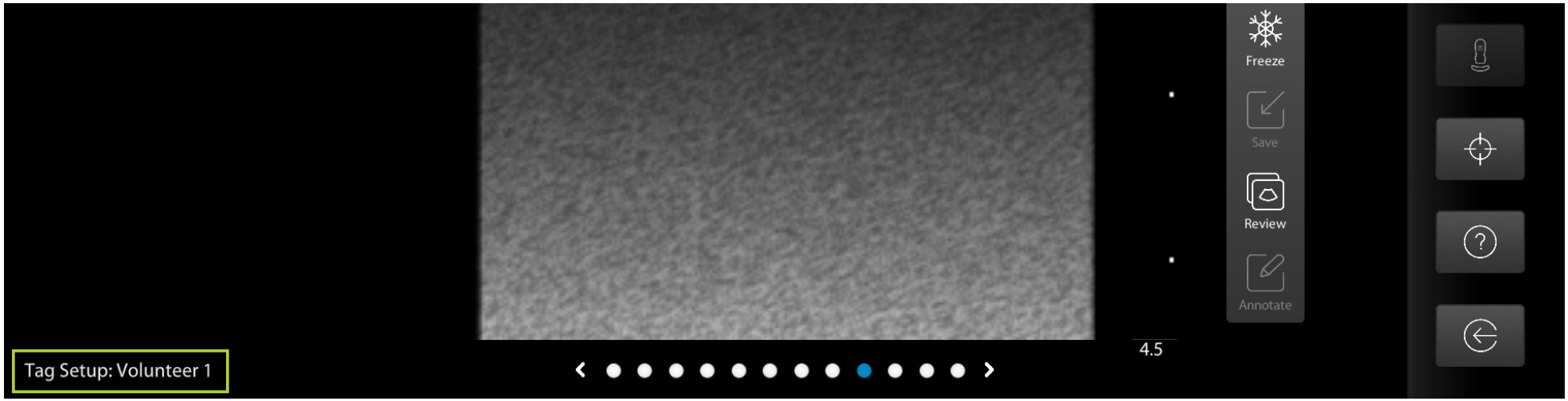
6- Save Setup

Once you have placed and setup all of the tags that you will use for your simulation, click "Finish Setup" and the simulator will prompt you to name and save your template.



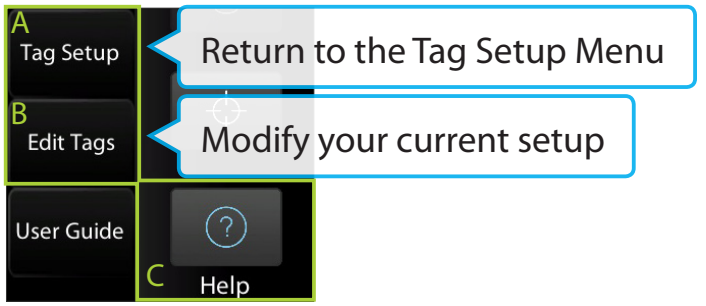


Once you have entered the SonoSim LiveScan Simulator, you will see the name of the setup in use, in the lower left corner of the screen.

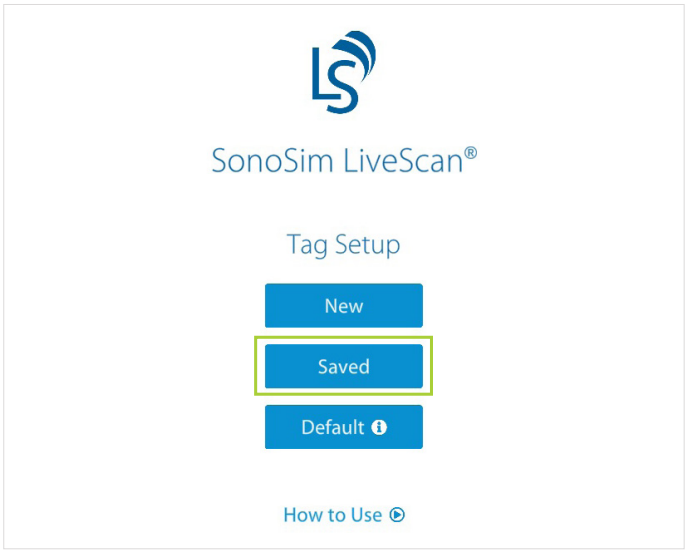


7- Edit Tag Setup

If you wish to create a new setup (A) or edit your current tag setup (B), navigate to the ⓘ button (C) on the bottom right side of the simulator.



From the SonoSim LiveScan Tag Setup menu you can also load and edit configurations you have previously created by clicking the 'Saved' button. Once you have pressed the "Saved" button you will be brought to the list of all your saved setups.

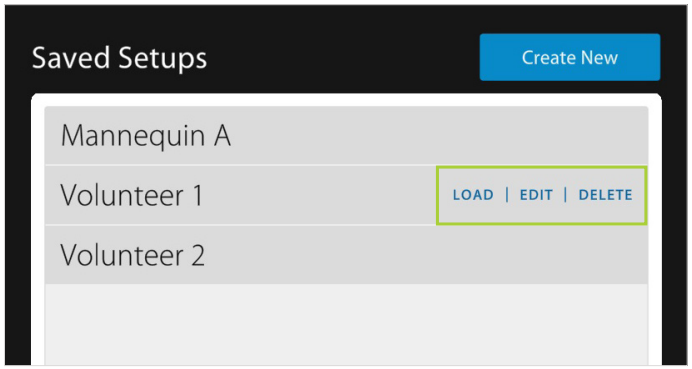


Once you are in the saved set up menu, hovering over each setup will give you the option to "Load", "Edit", or "Delete" any setup.

"Load" will bring you directly to the simulator with the setup you selected.

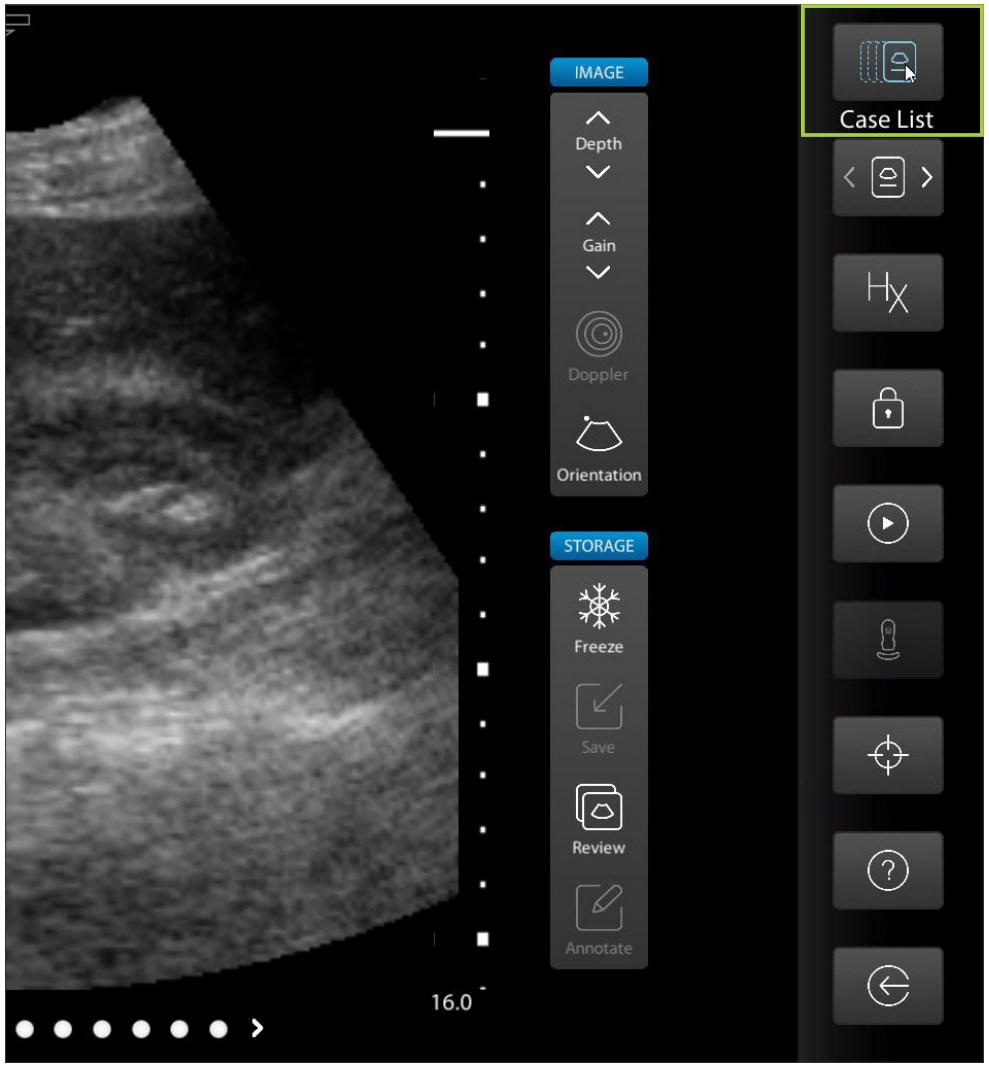
"Edit" will allow you to re-align the tags in the selected setup.

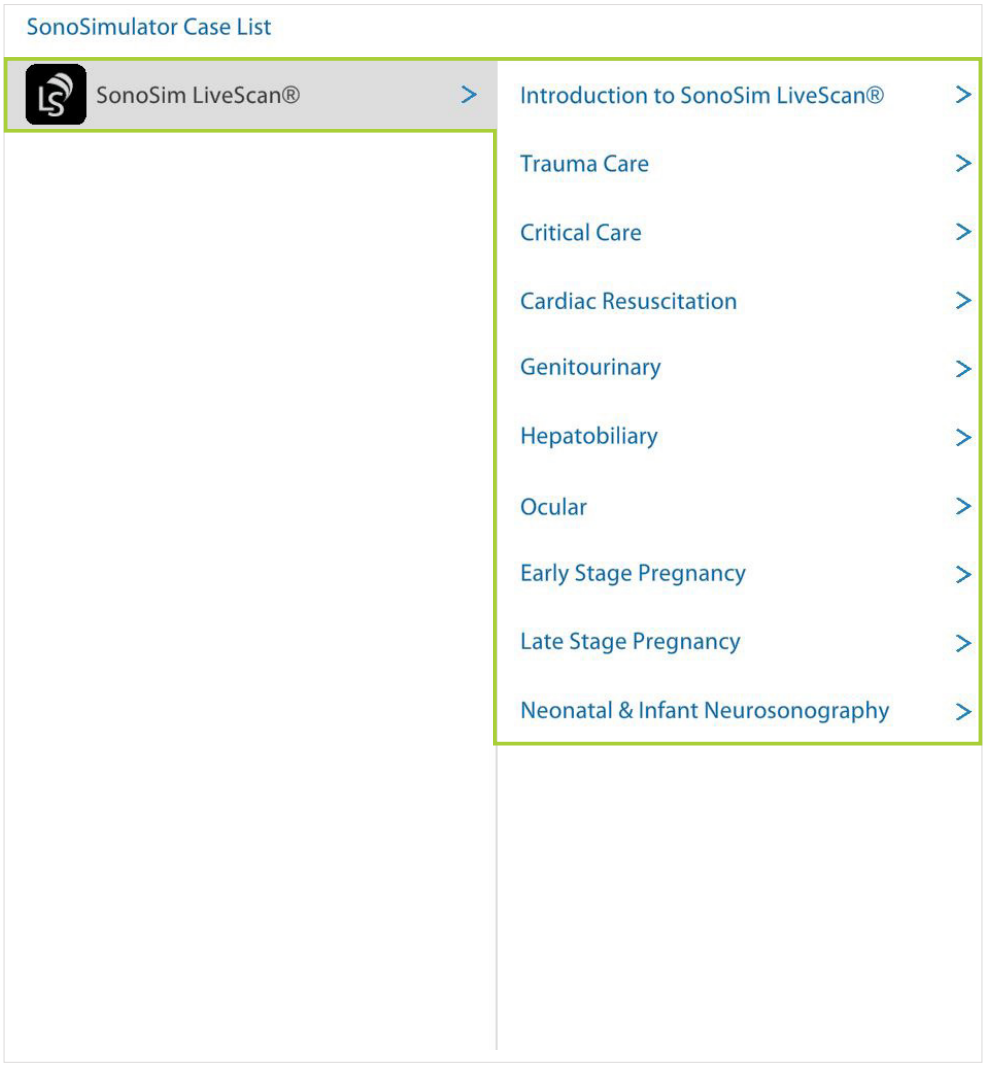
"Delete" will allow you to delete the selected setup.



8- Select a case

Select the button and select a SonoSim LiveScan Category.



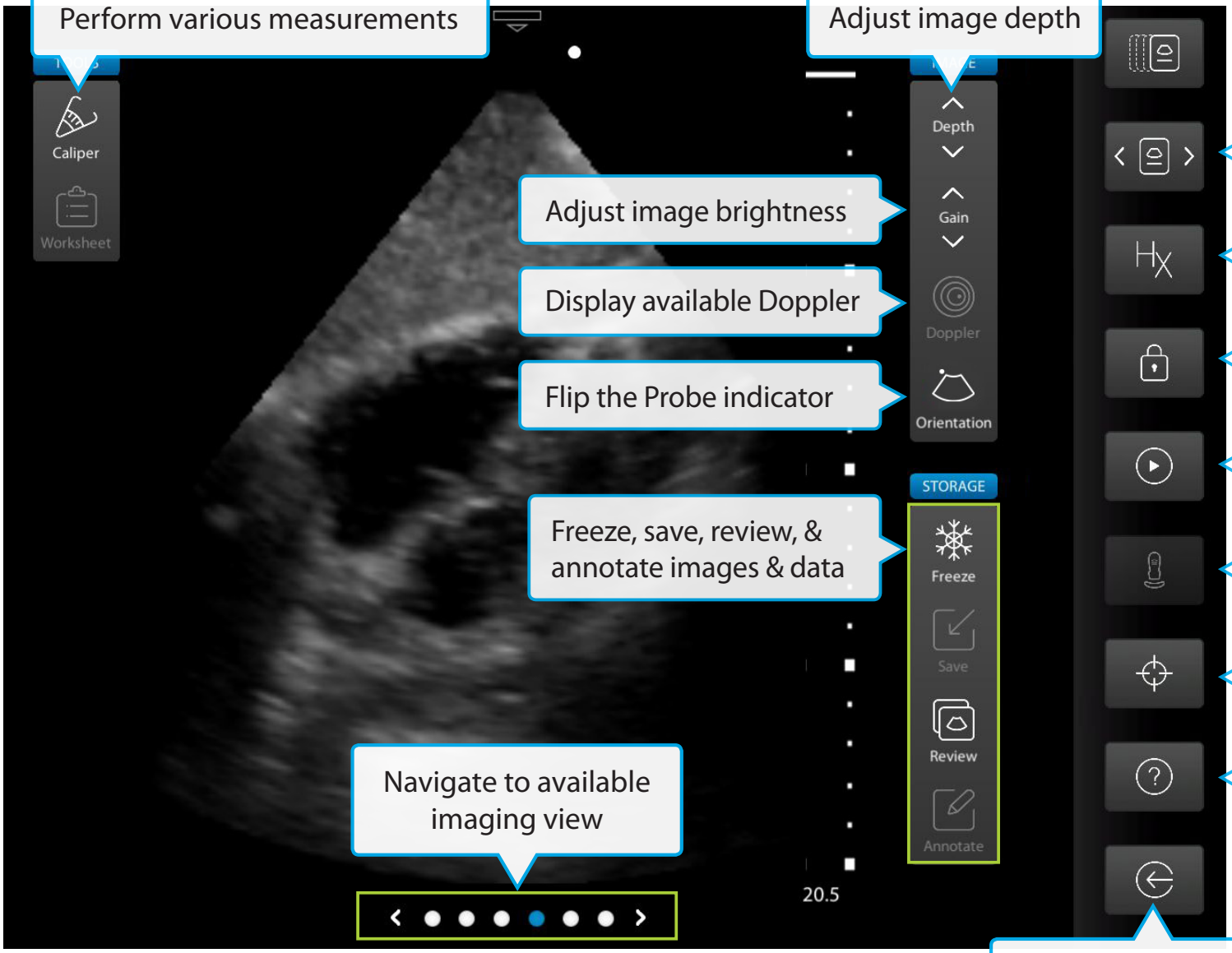


9- Start scanning

Place the SonoSim LiveScan Probe on a tag and start scanning. To change the image window, simply lift and position the probe on another SonoSim LiveScan tag.

If your images do not show as expected when you put the probe down, modify your tag setup (see Edit Tag Setup instructions).

SonoSim LiveScan Features



Perform various measurements

Adjust image depth

Adjust image brightness

Display available Doppler

Flip the Probe indicator

Freeze, save, review, & annotate images & data

Navigate to available imaging view

Navigate to next case

Case history

Lock Probe

Image interpretation by an expert instructor

Compress a target vessel

Calibrate Probe for optimal scanning experience

Return to the tag setup menu, edit your tags, or access the user guide

Exit to the Main Menu

Cleaning & Disinfection

To clean your SonoSim LiveScan Probe:

1. Damp a small piece of dry cloth with 70% Isopropyl Alcohol (IPA)
2. Wipe the exterior of the Probe gently, ensuring no liquid enters the seams

Caution: Never submerge the probe in liquid.

To clean your SonoSim LiveScan Tags:

1. Damp a small piece of dry cloth with 70% Isopropyl Alcohol (IPA)
2. Wipe the top of the tags gently

Caution: Never apply any cleaning agent to the adhesive side of the tags.

Member Support & Personal Onboarding

Online Resources

For online service and support information, please visit **sonosim.com/support** and watch tutorials at **sonosim.com/videos**

SonoSim Member Support

For a personal demonstration or technical help using the features, please contact **membersuccess@sonosim.com** or call us at 855.873.7666 (M-F 6am-6pm, Sat 8am-4pm PT). Enjoy your ultrasound training journey!

Regulatory Compliance

Federal Communications Commission Statement

This device complies with Part 15 of the FCC Rules and RSS-210 of IC rules. Operation is subject to the following two conditions:
1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
– Reorient or relocate the receiving antenna
– Increase the separation between the equipment and the receiver
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
– Consult the dealer or an experienced radio/TV technician for help.

The term "IC" before the equipment certification number only signifies that the Industry Canada technical specifications were met.
Changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Déclaration de la Commission Fédérale des Communications

Cet appareil est conforme à la section 15 des règles de la FCC et RSS-210 des règles IC. Son fonctionnement est sujet aux deux conditions suivantes :
1. Cet appareil ne doit pas causer des interférences nuisibles, et
2. Cet appareil doit accepter toute interférence reçue, y compris les interférences qui peuvent provoquer un fonctionnement indésirable.
Cet équipement a été testé et jugé conforme aux limites d'un appareil numérique de classe B, conformément à la section 15 des règles de la FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. Cet équipement génère, utilise et peut émettre une énergie radiofréquence et, s'il n'est pas installé et utilisé conformément aux instructions, peut causer des interférences nuisibles aux communications radio. Cependant, il n'y a aucune garantie que des interférences ne se produiront pas dans une installation particulière. Si cet équipement provoque des interférences nuisibles à la réception radio ou télévision, ce qui peut être déterminé en allumant et en éteignant l'équipement, l'utilisateur est encouragé à essayer de corriger l'interférence par une ou plusieurs des mesures suivantes :
- Réorienter ou déplacer l'antenne réceptrice.
- Augmenter la distance entre l'équipement et le récepteur.
- Connecter l'équipement à une prise sur un circuit différent de celui sur lequel le récepteur est branché.
- Consulter le revendeur ou un technicien radio/TV expérimenté pour obtenir de l'aide.

Le terme "IC" avant le numéro de certification de l'équipement signifie uniquement que les spécifications techniques d'Industrie Canada ont été respectées.
Les changements ou modifications non expressément approuvés par la partie responsable de conformité pourrait annuler l'autorité de l'utilisateur à utiliser l'équipement .

Waste Handling

Dispose of in accordance with local requirements and regulations.

Certification

CE

The product is in compliance with the essential requirements of Council Directive 1999/5/EC on radio and telecommunications terminal equipment (R&TTE). The product is in compliance with Council Directive 2011/65/EU on restriction of the use of certain hazardous substances (RoHS).

