LeSONO

LELTEK

LeSONO Wireless Ultrasound – Quick Guide

Version: 251103
Applicable to 1.25.2.4 above revision

Quick Guide - General Functions

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General Functions:

- 【Boot up and connection】 - Connect the probe with QR code
- 【Scan】 - B, C, M, PW and PD modes
- 【Annotate, measure and save】 - Annotation, measuring length and area, saving images and videos
- 【Dual screen】 - Export and import the images to compare it
- 【DICOM support】 - Download worklist and upload DICOM file
- 【Run App on MAC M-series device】

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【Boot up and connection】

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Boot up and connection - Turn on/off the probe (LX series)

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Power & Freeze Button

Turn on: Long press the power button until the light turns blue.

Turn off: Long press the power button until the light turns off.

Power Button Indicator Light

Lights Off

The device is powered off.

Flashing Blue Light

System ready.

Steady Blue Light

System connected.

Battery Indicator Light

4 lights indicate full charge, 1 light indicates low battery

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Boot up and connection - Turn on/off the probe (128 series)

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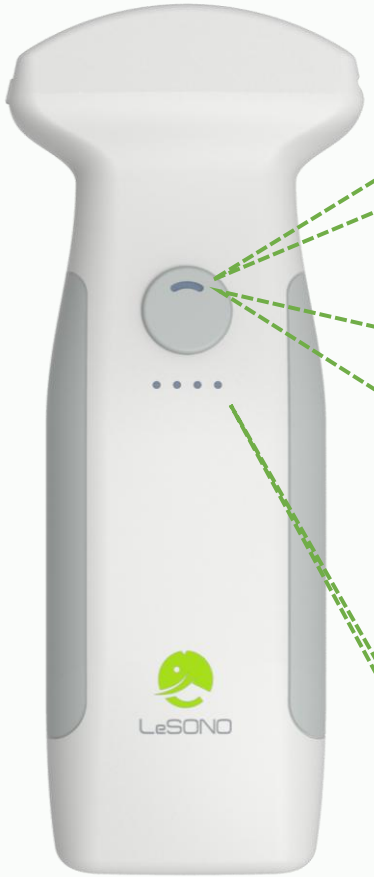

Power & Freeze Button

Turn on: Long press the power button until the light turns purple.

Turn off: Long press the power button until the light turns off.

Power Button Indicator Light

Lights Off
The device is powered off.

Purple Light
System ready.

White Light
System connected.

Battery Indicator Light

4 lights indicate full charge, 1 light indicates low battery

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Boot up and connection - Turn on/off the probe (700 / 300 series)

Step 1

Turn on: Long press the power button for 3 seconds

Turn off: Long press the power button for 3 seconds

Step 2

Blue light
<Charging>

Lights out
<Power OFF>

Purple light
<Power ON>
System ready.

White light
<Power ON>
System connected.

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Boot up and connection - Connection

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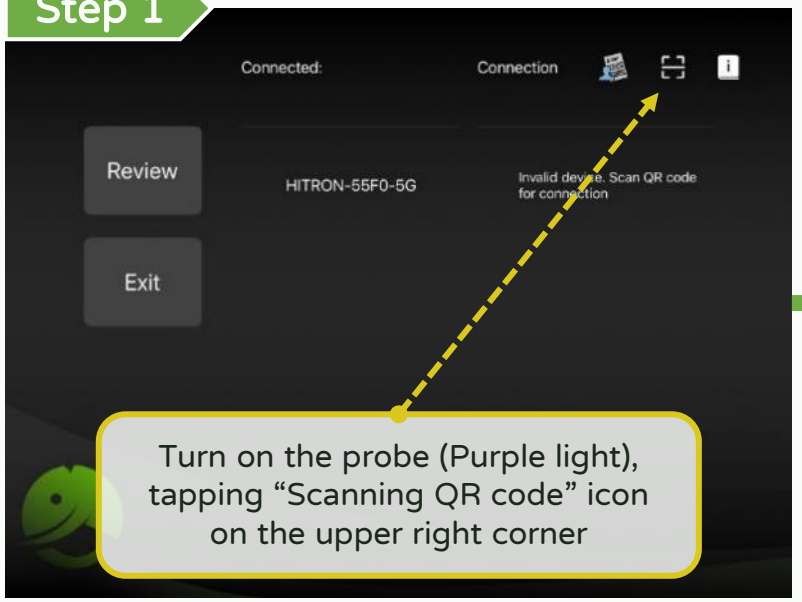
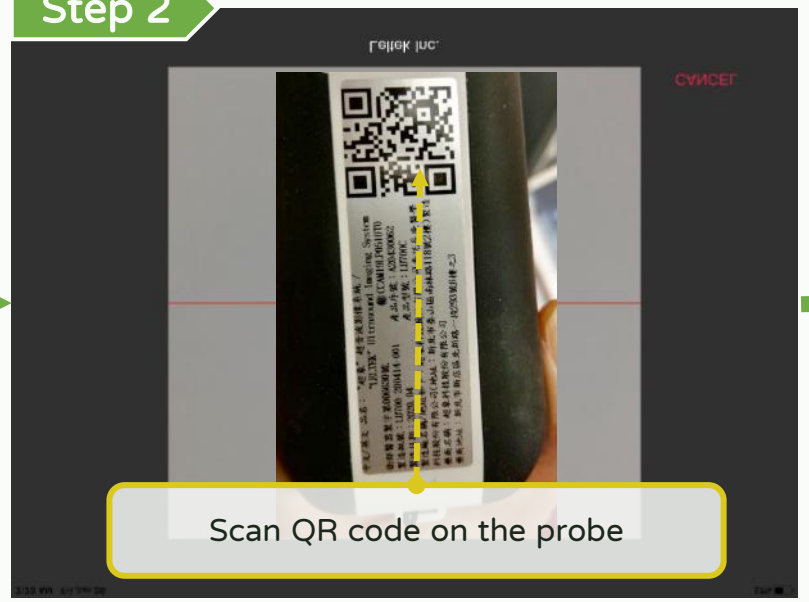
Step 1



Step 2



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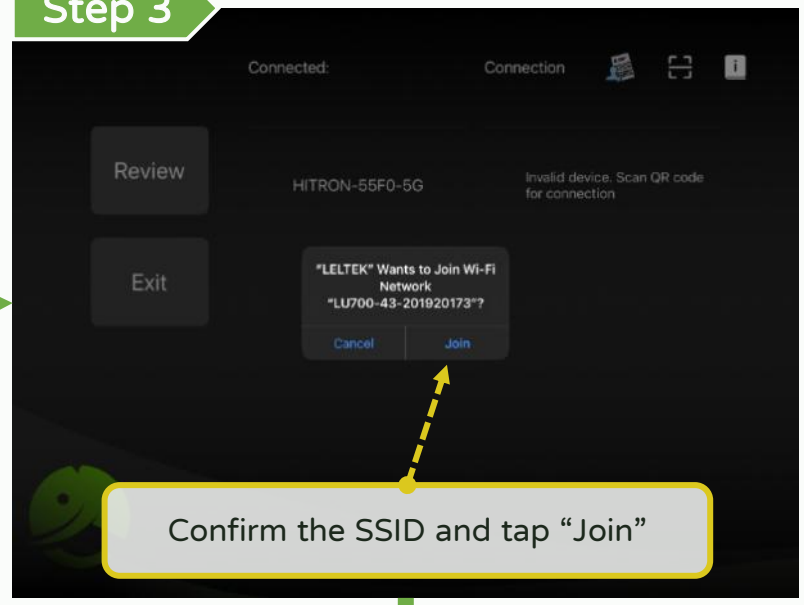

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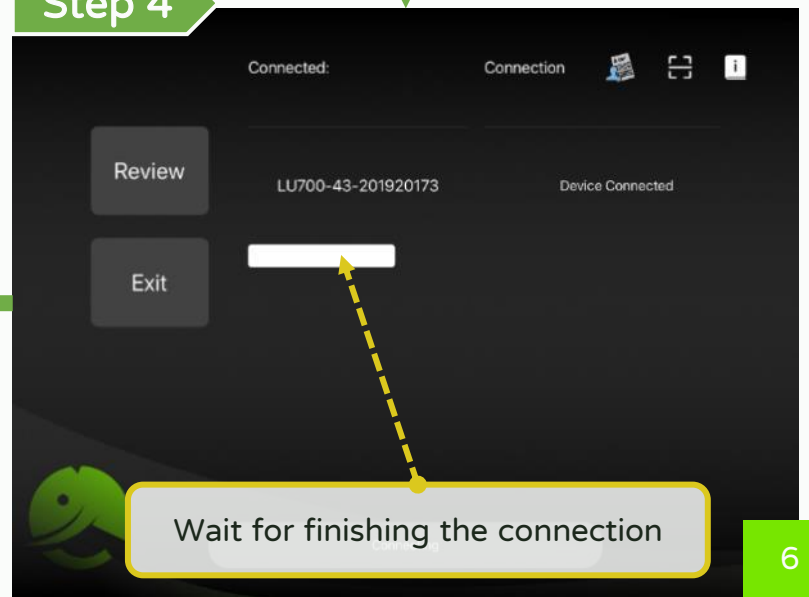

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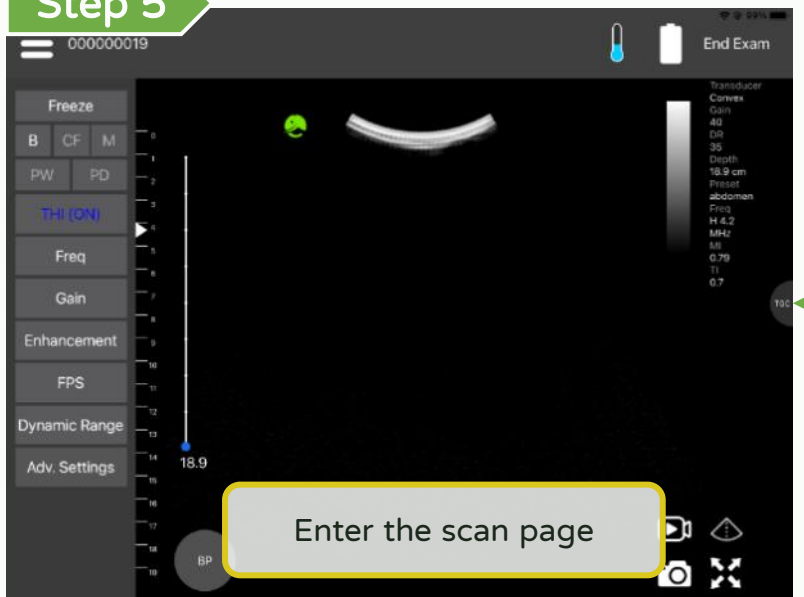

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Boot up and connection - Connection with the probe list

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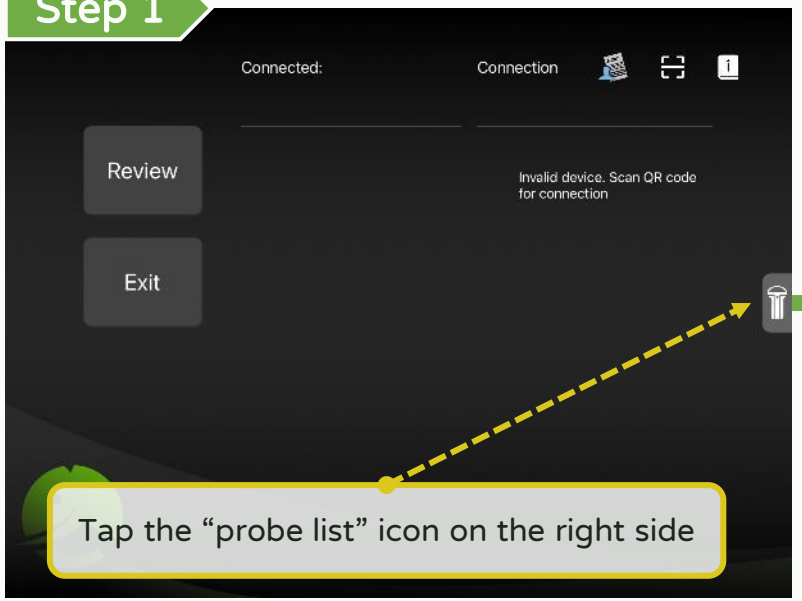
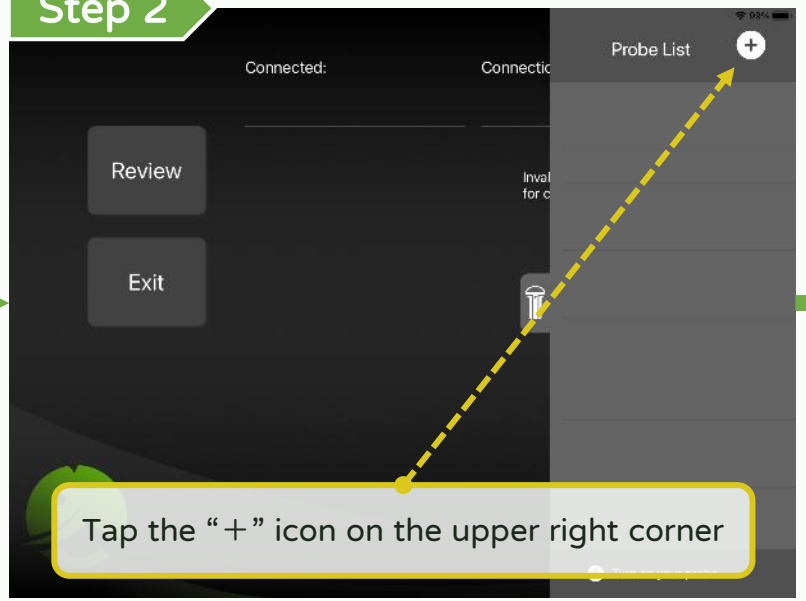
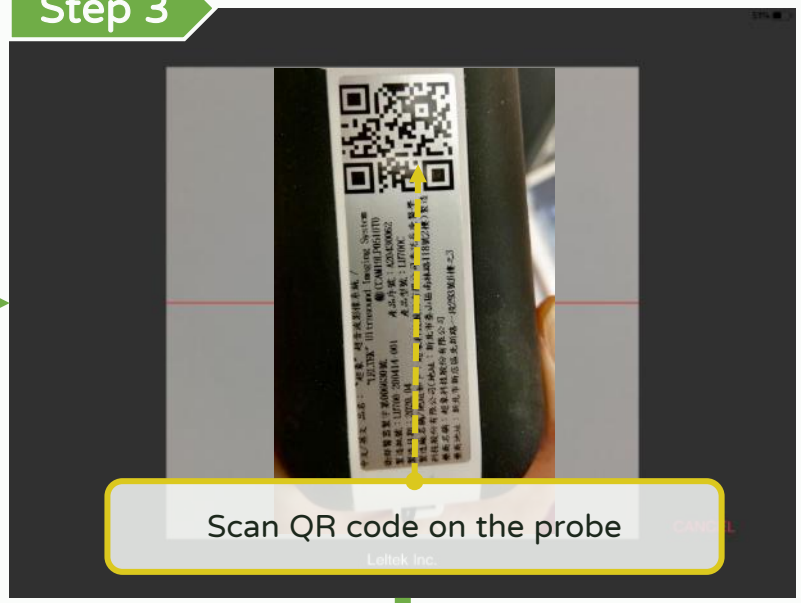
Step 1



Step 2



Step 3



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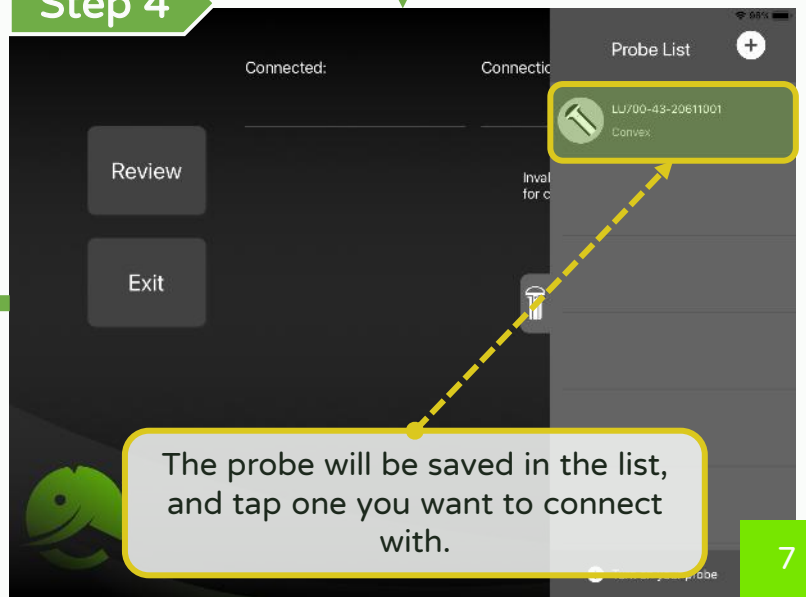

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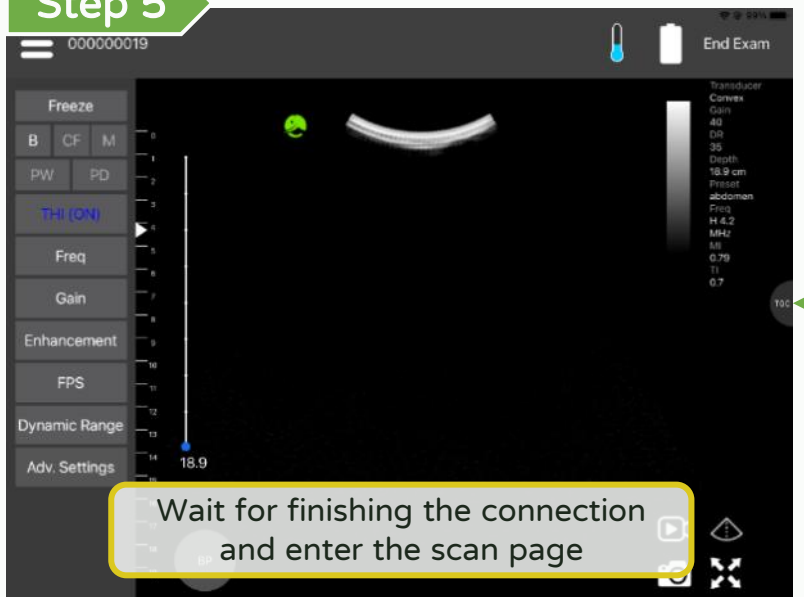

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Boot up and connection - Improve the connection quality

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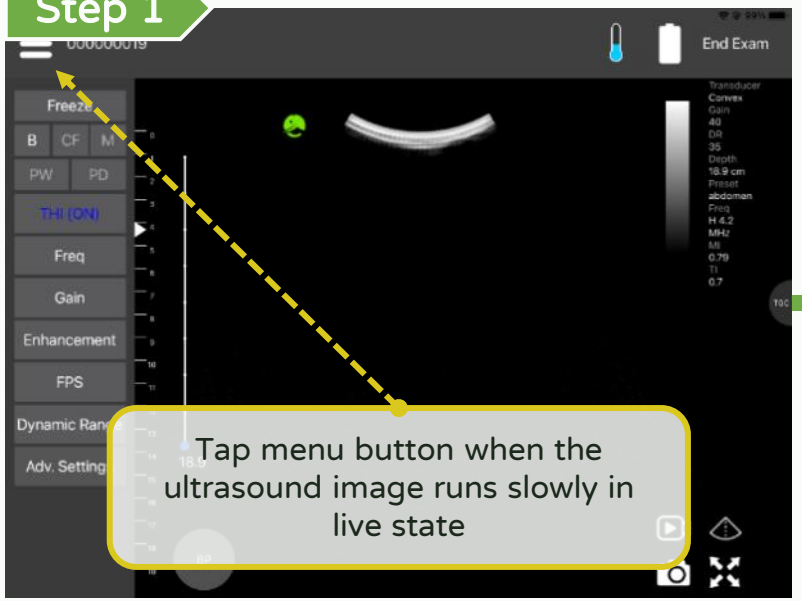
Step 1



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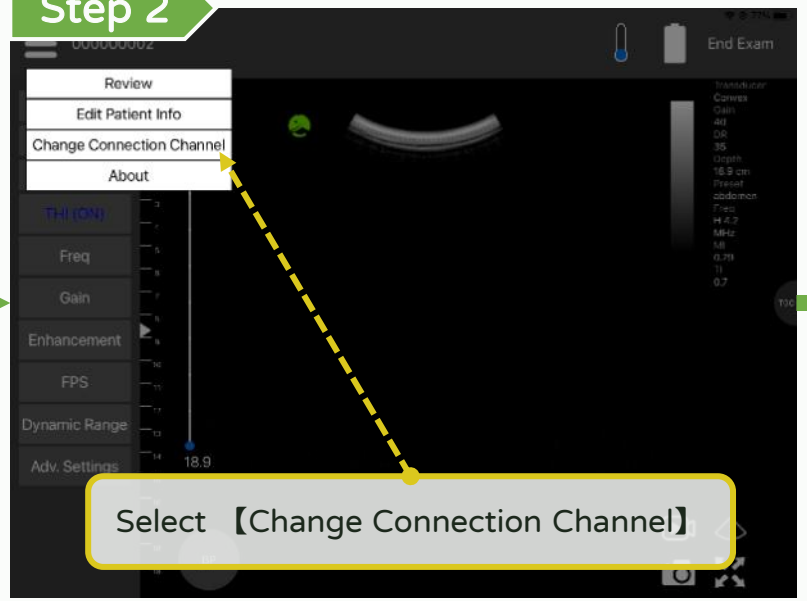
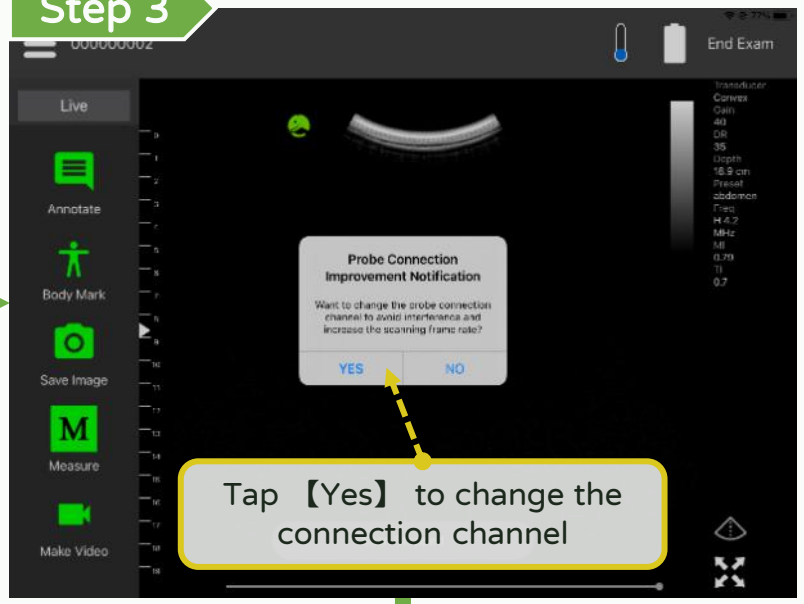
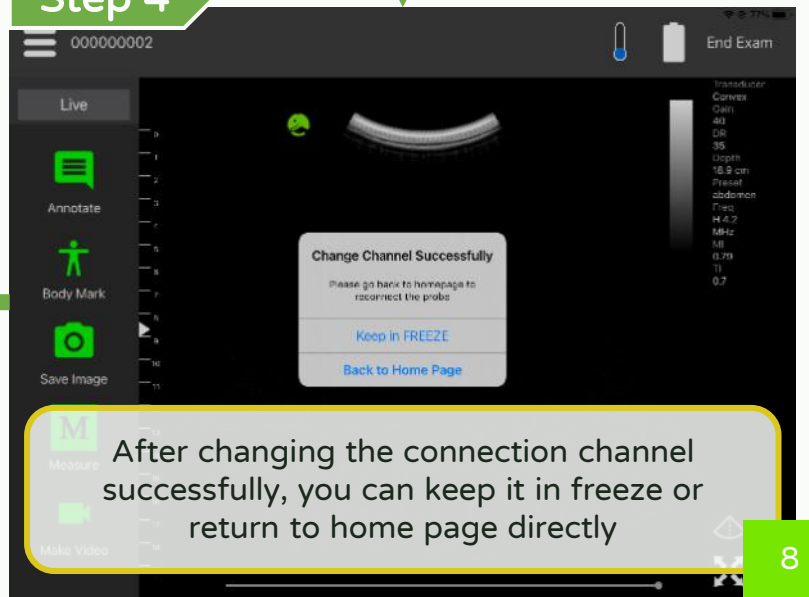


Step 3



Step 4



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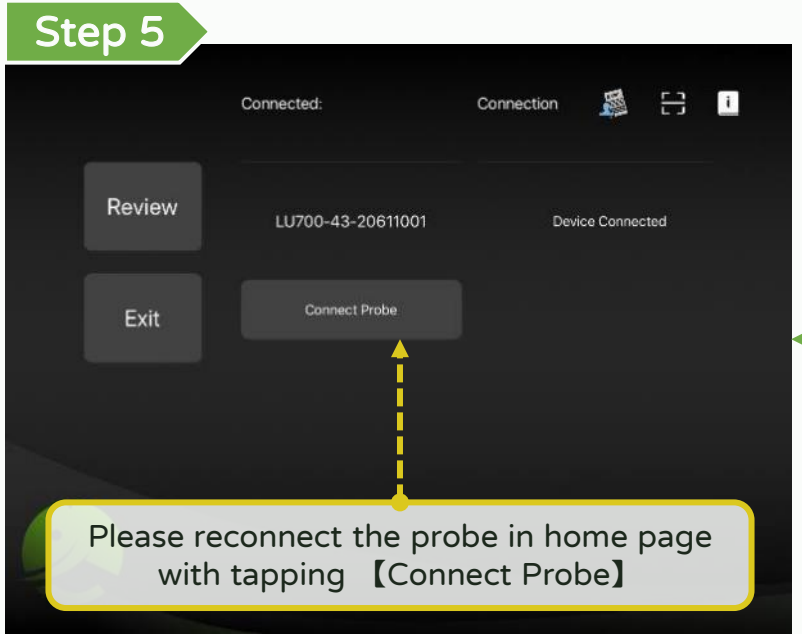

If the ultrasound image still runs slowly, please repeat the steps above

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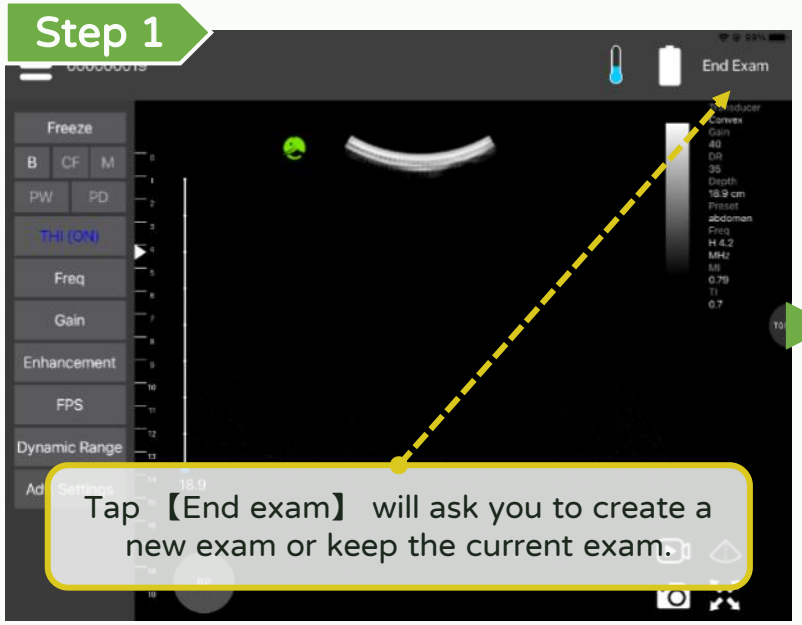
Boot up and connection - End exam

Step 1



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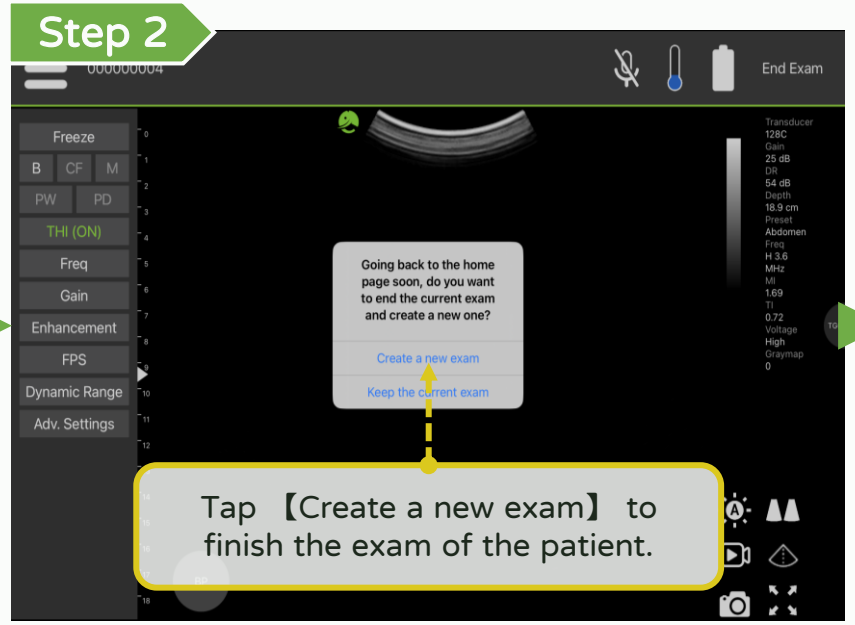
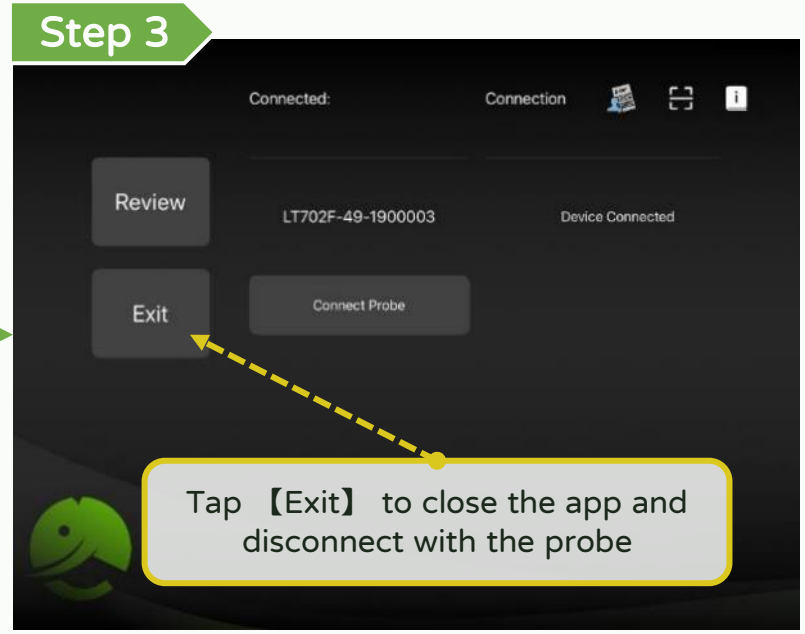


Step 3



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General Functions

【Scan】

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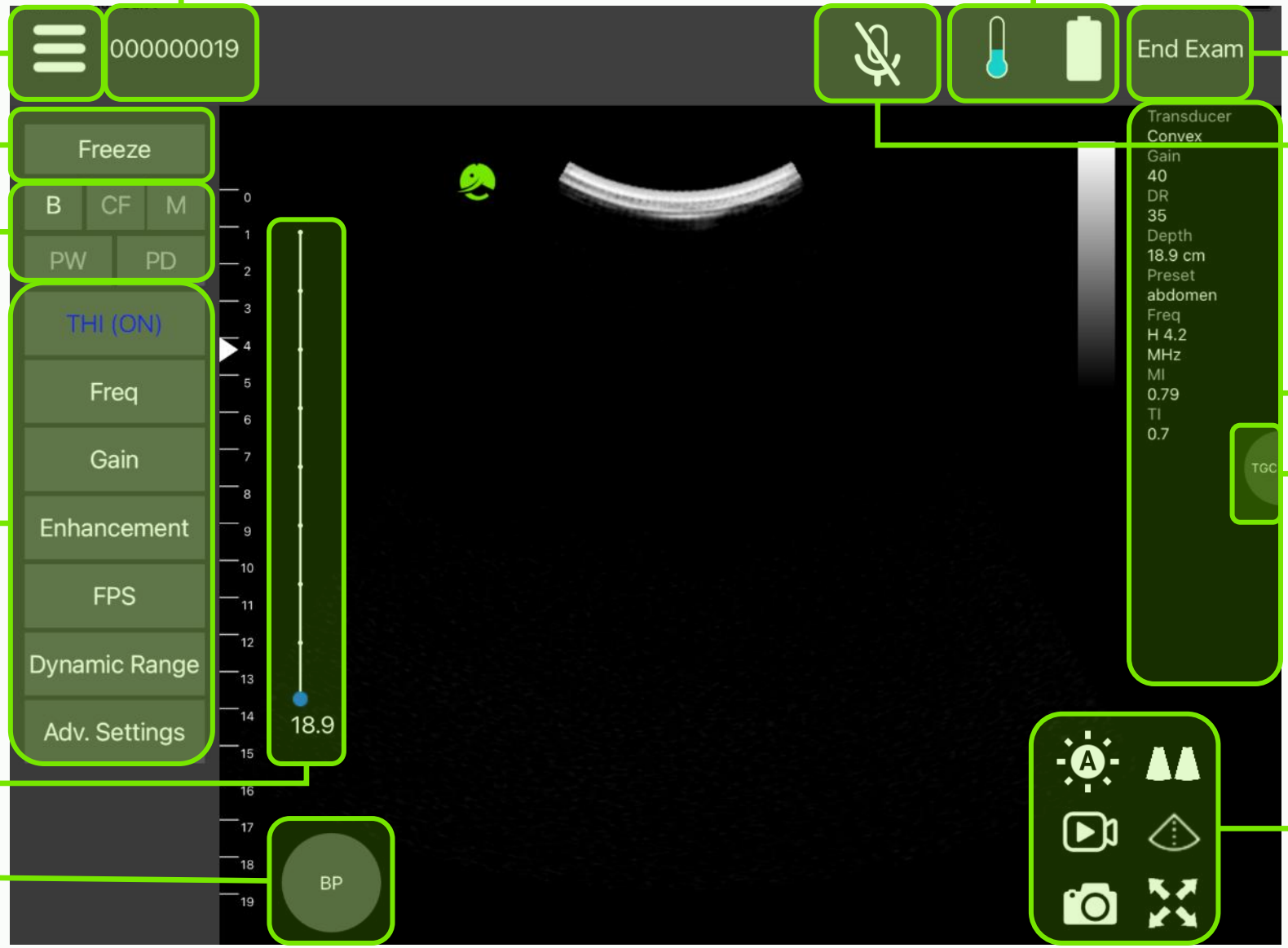
Scan - Interface



MRN

Review, export

Freeze / Live

Select mode

Adjust parameter

Adjust depth

Select preset

Probe info

End exam

Voice control

Scan info

Adjust TGC

Dual screen, IQ scan, save image and video, center line, full screen

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Scan – Switch Probe (LX 系列)

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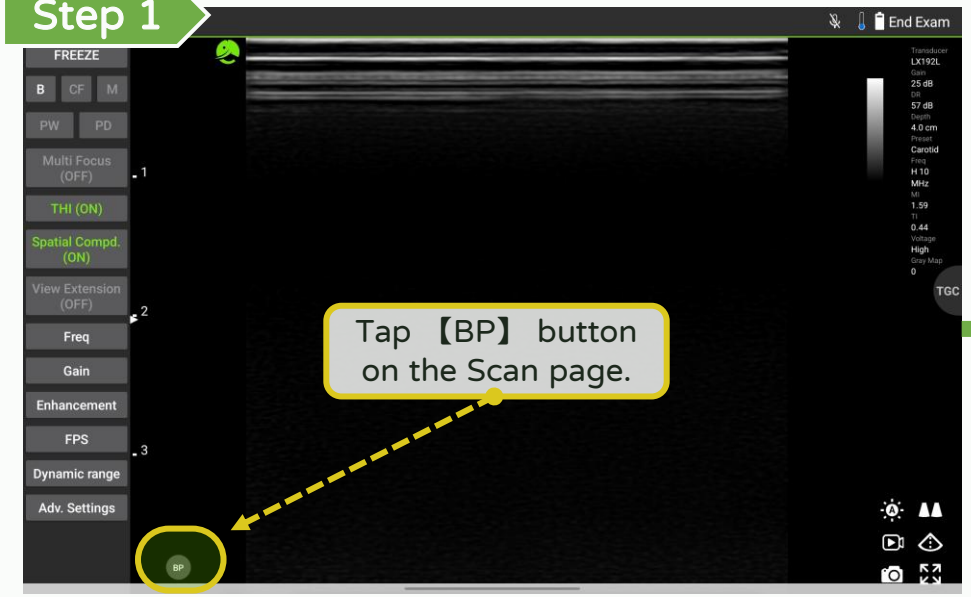
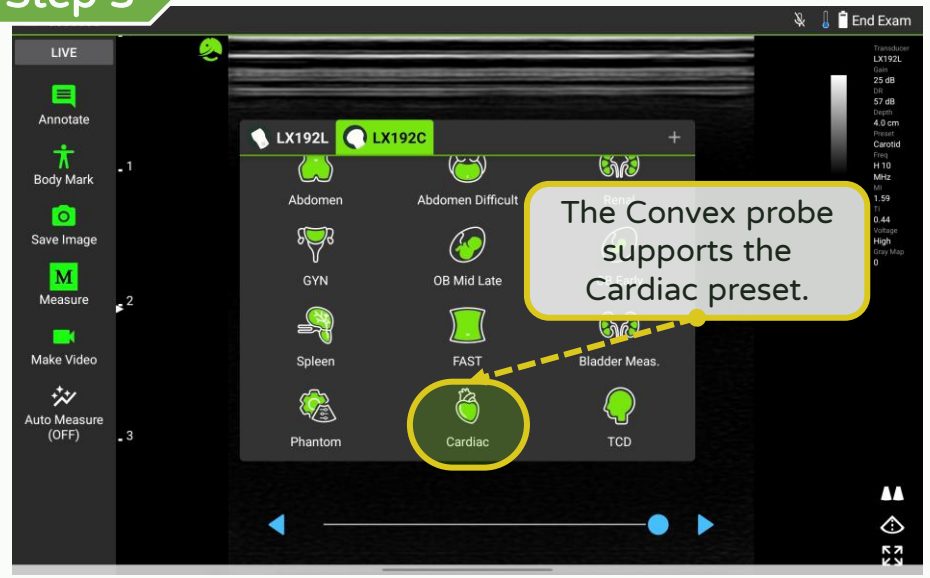
Step 1



Step 2

Step 3



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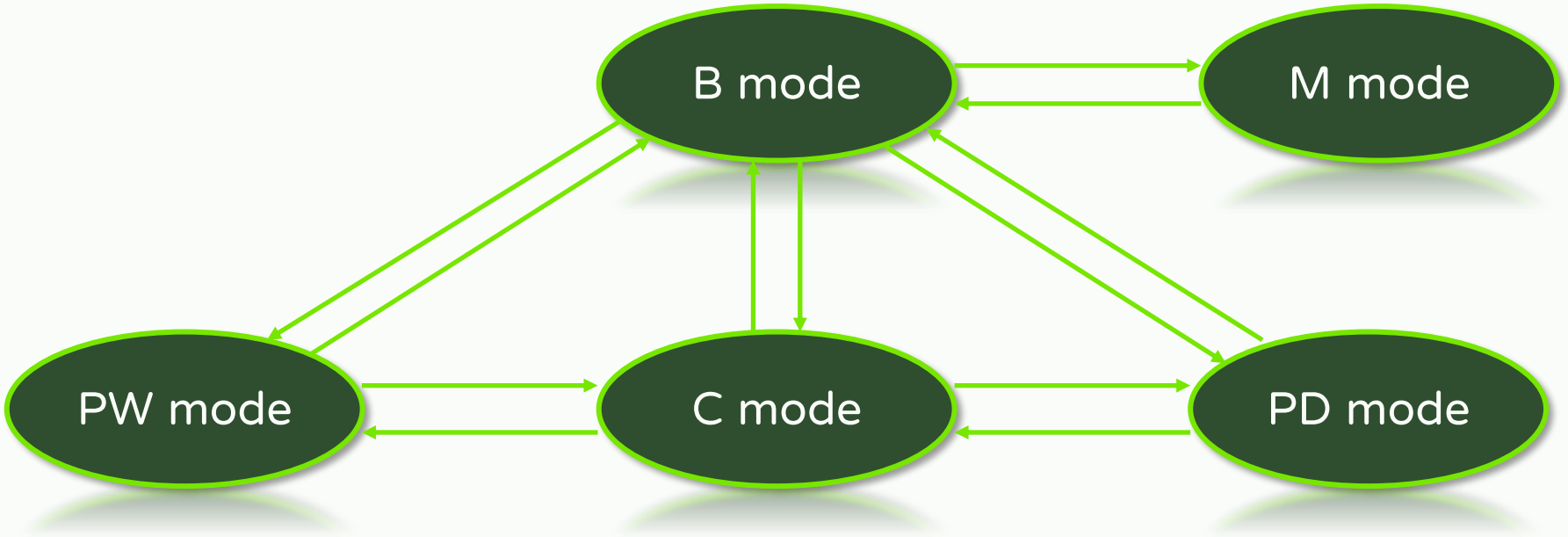
Scan - The rule of switching between modes



“The orientation of arrow”: It can be switched directly to the mode

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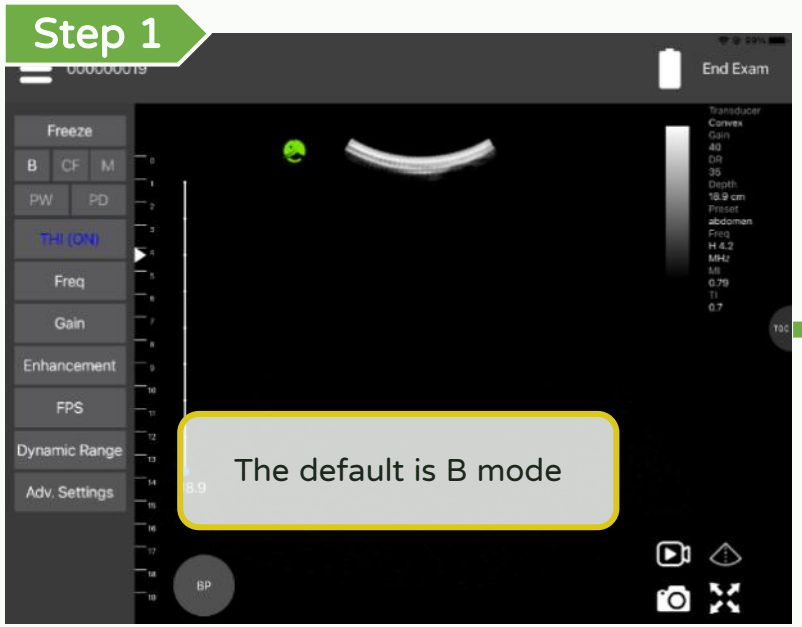
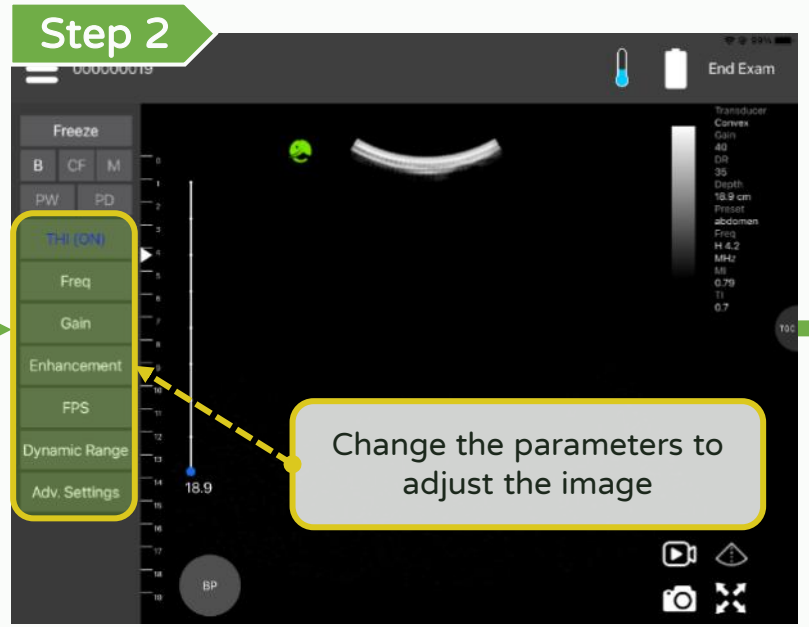
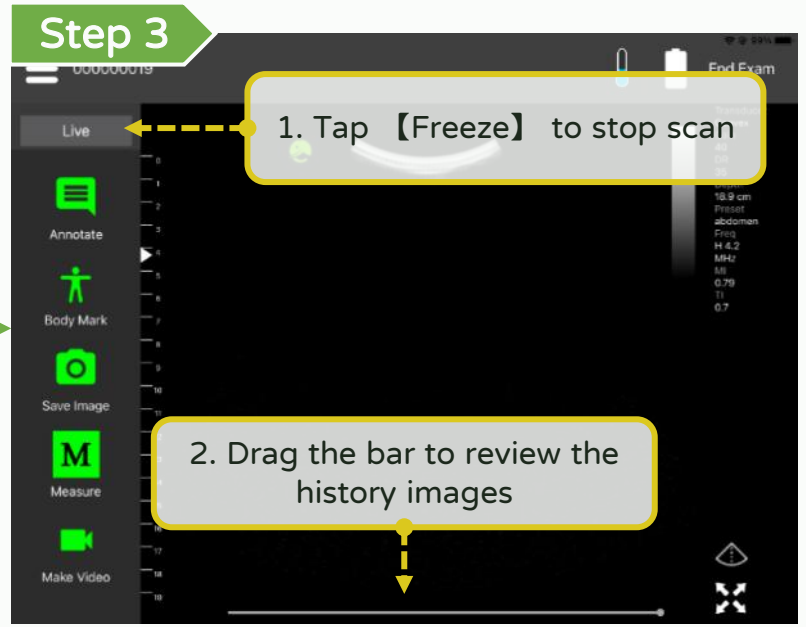
Scan - B (Brightness) mode







There are 8 sliders to adjust TGC

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Scan - M (Motion) mode

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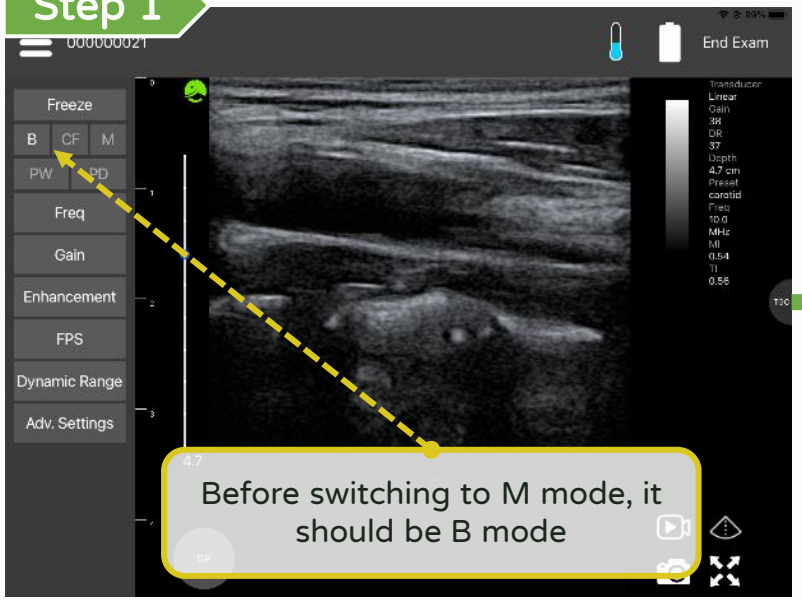
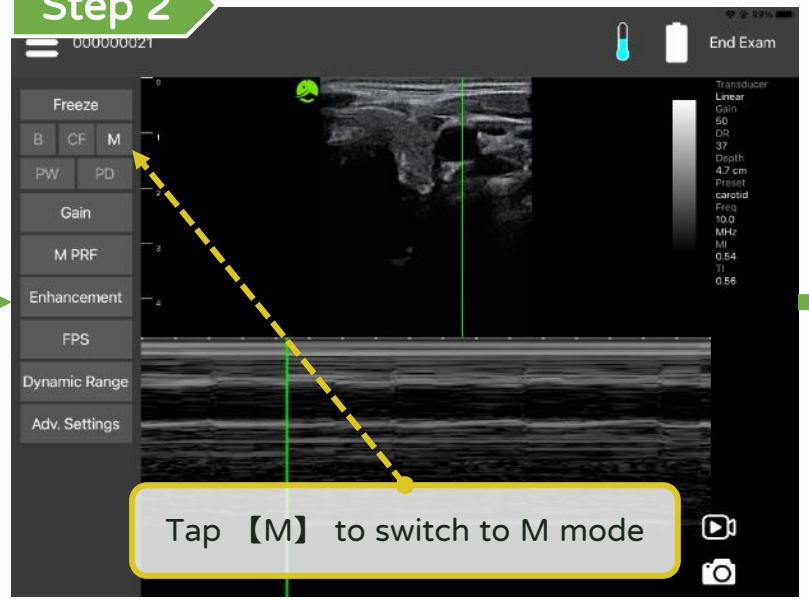
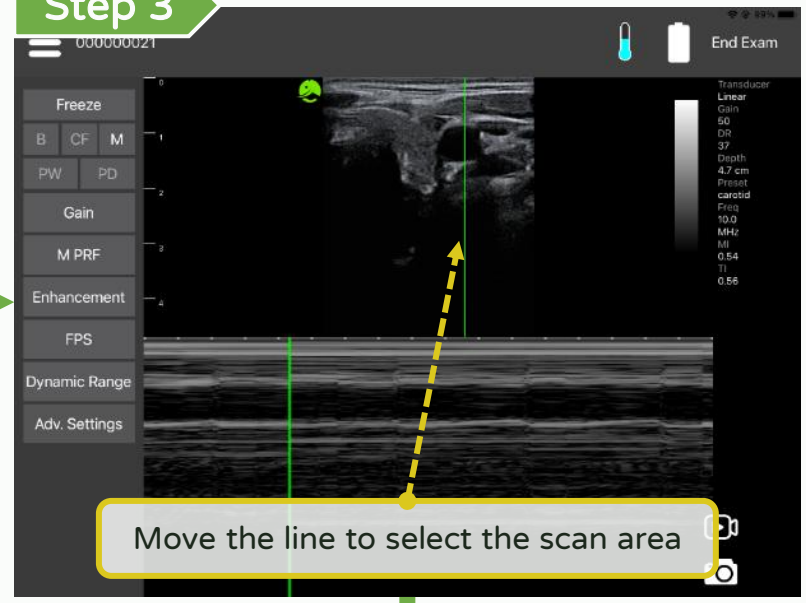
Step 1



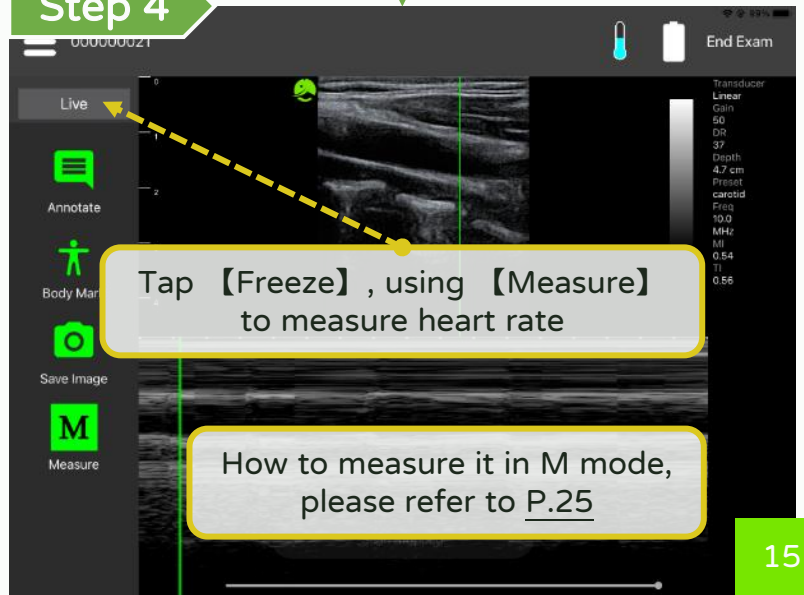
Step 2



Step 3



Step 4



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Scan - CF (Color Flow) mode

*Optional function

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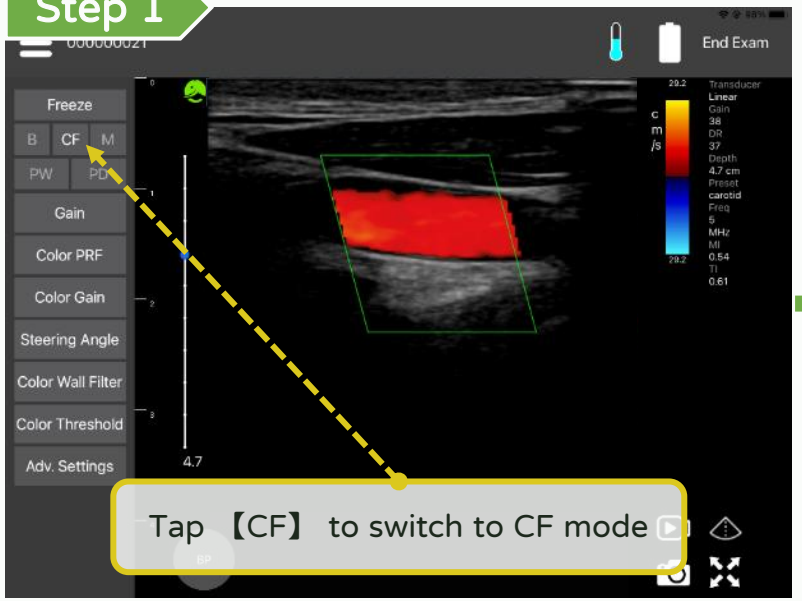
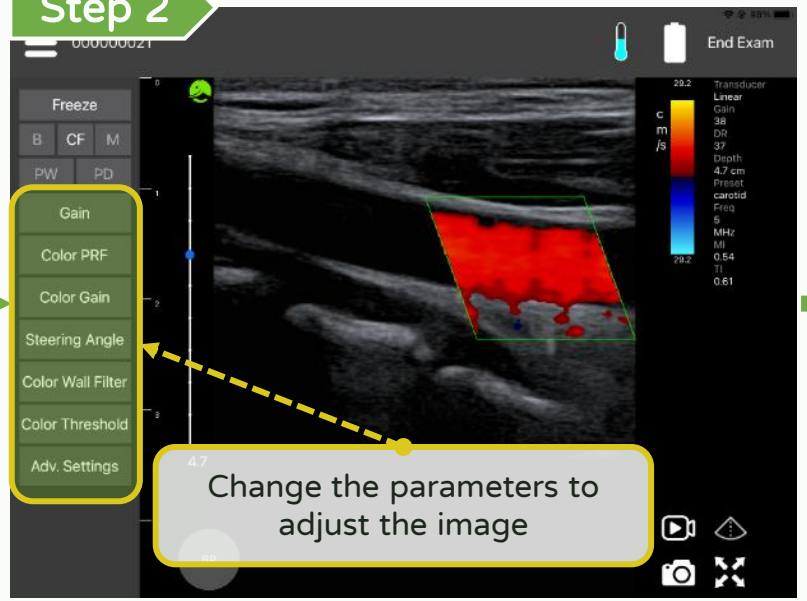
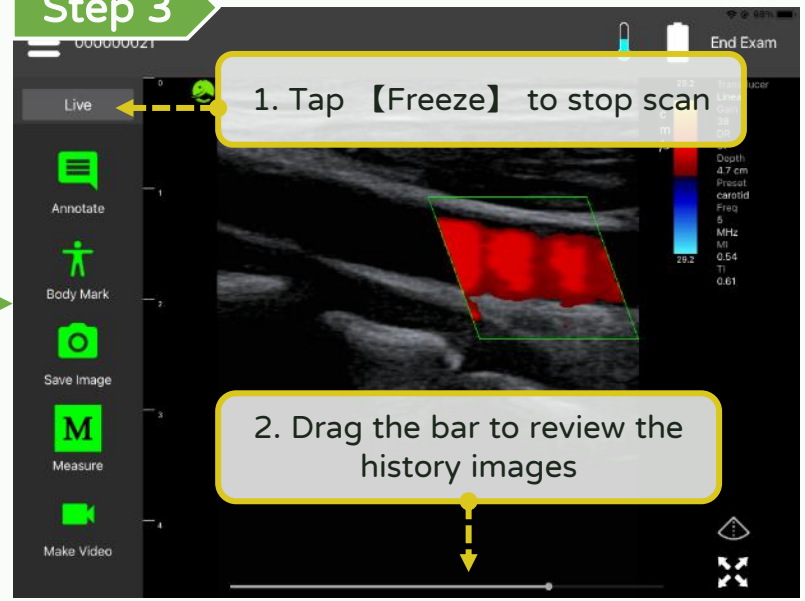
Step 1



Step 2



Step 3



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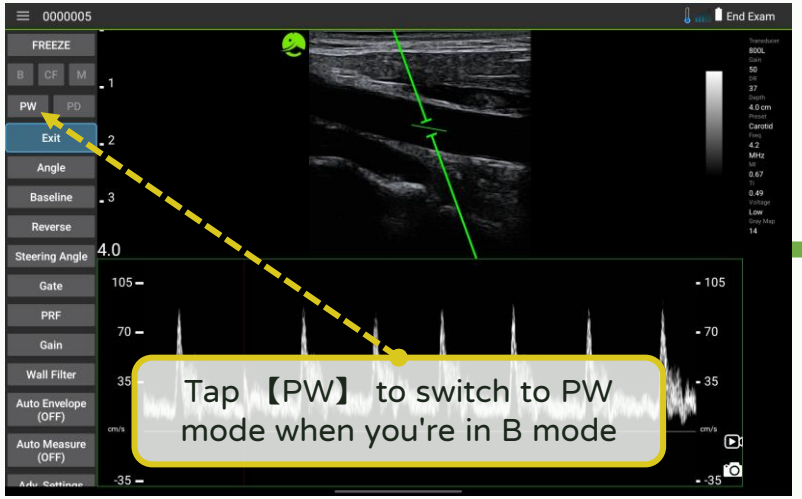
Scan - PW (Pulse Wave) mode without color

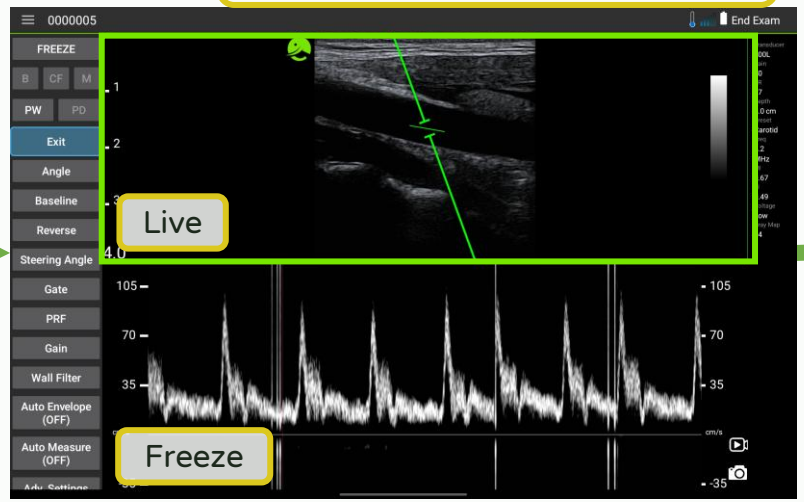
*Optional function

Step 1



Step 2

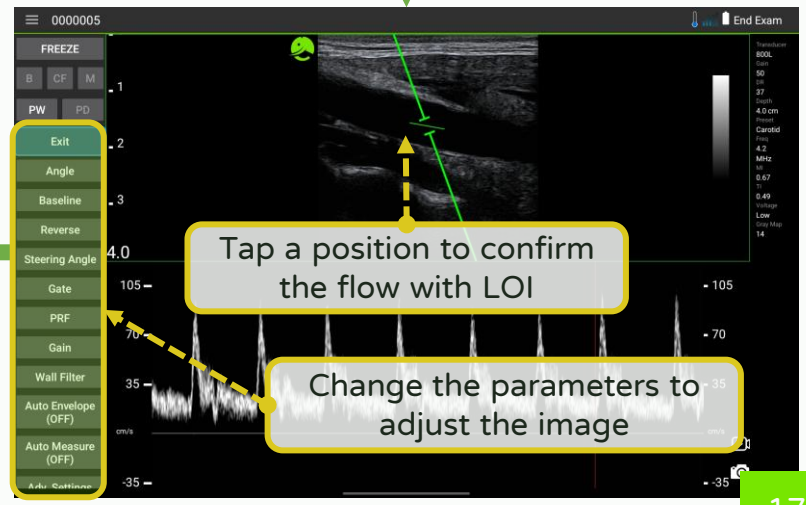
The live image will be highlighted with a green frame



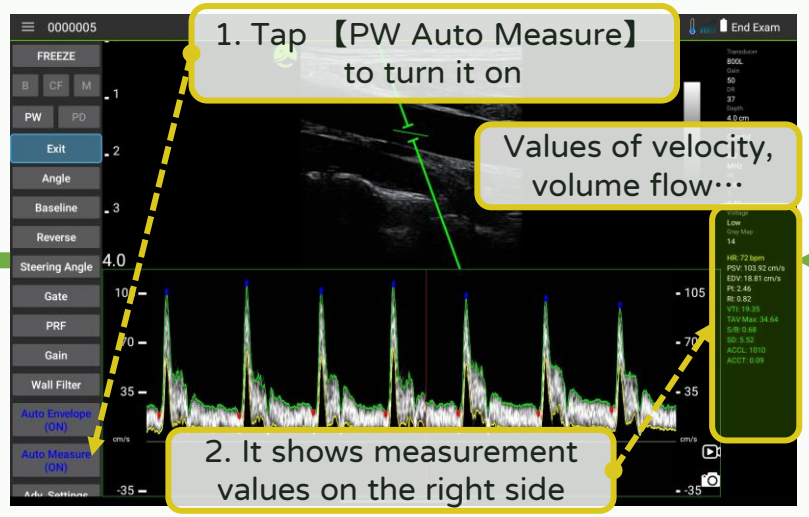
Step 3

The live image will be highlighted with a green frame

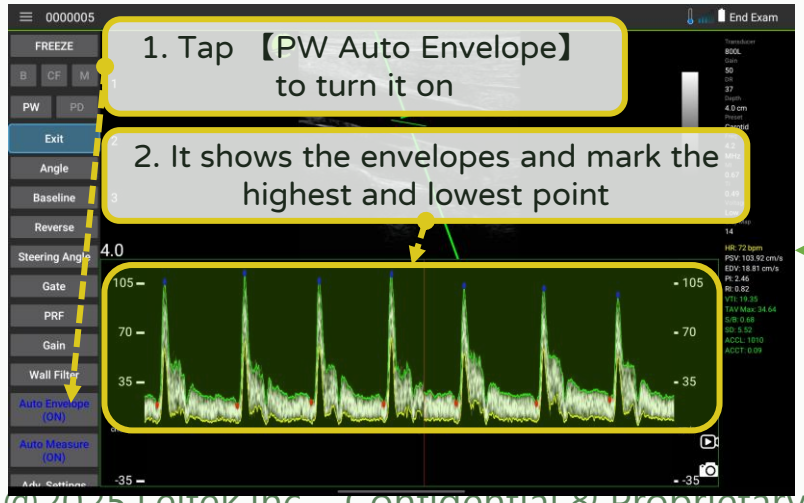
Step 4



Step 5



Step 6



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Scan - PW (Pulse Wave) mode with color

*Optional function

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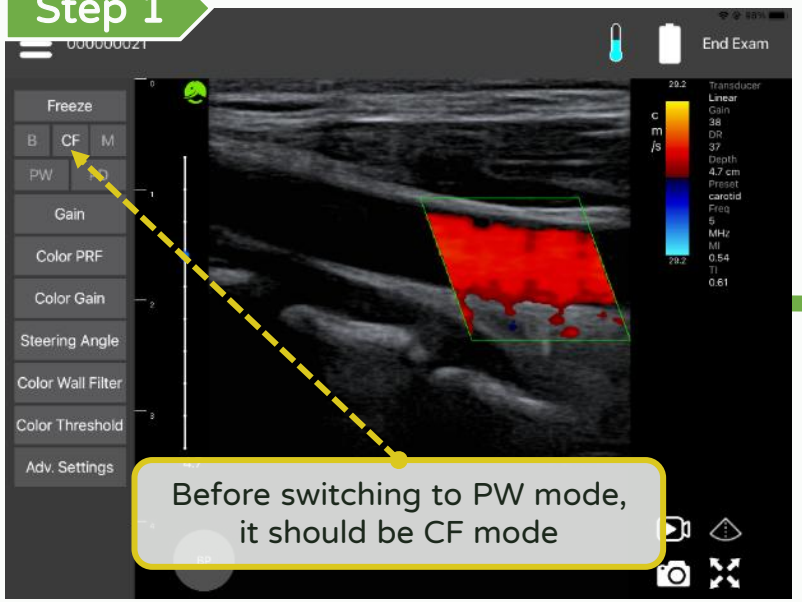
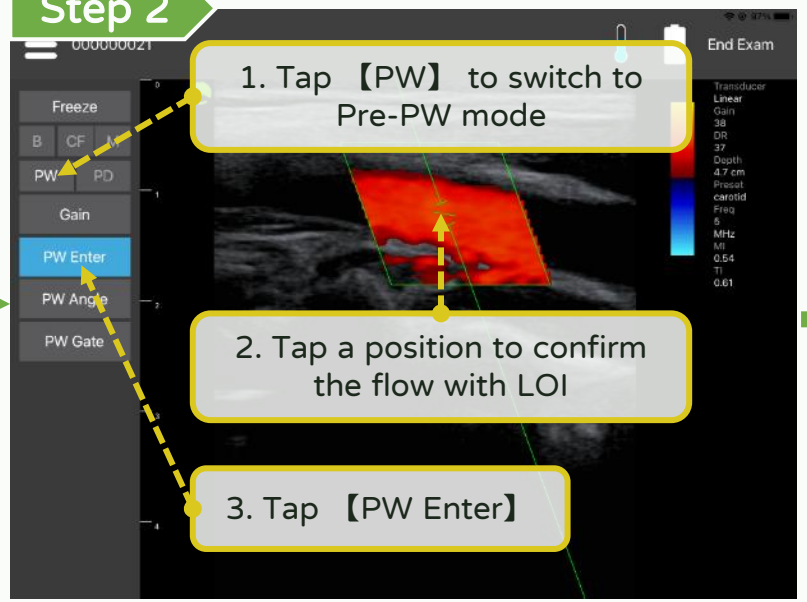
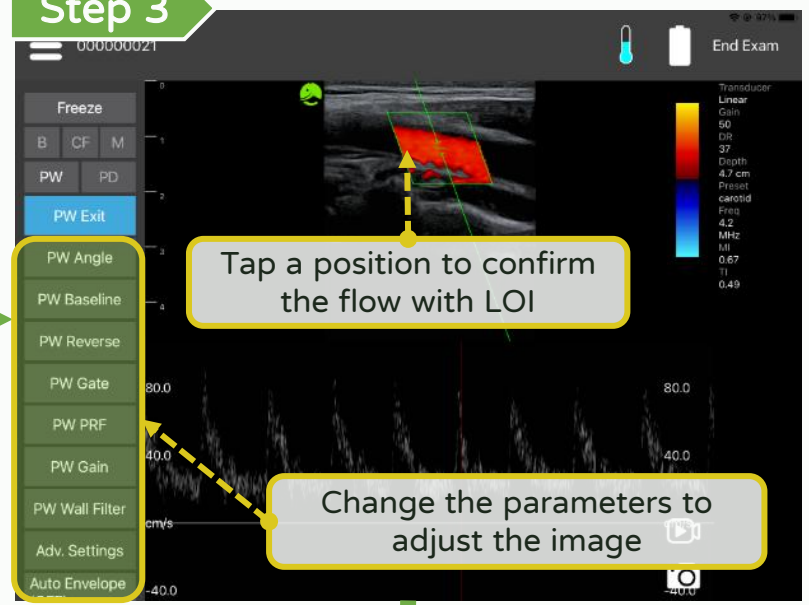
Step 1



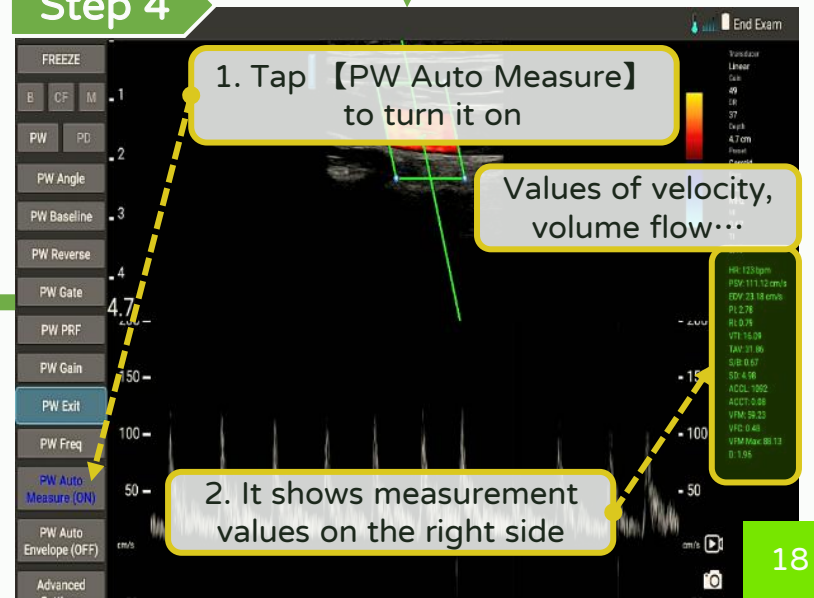
Step 2



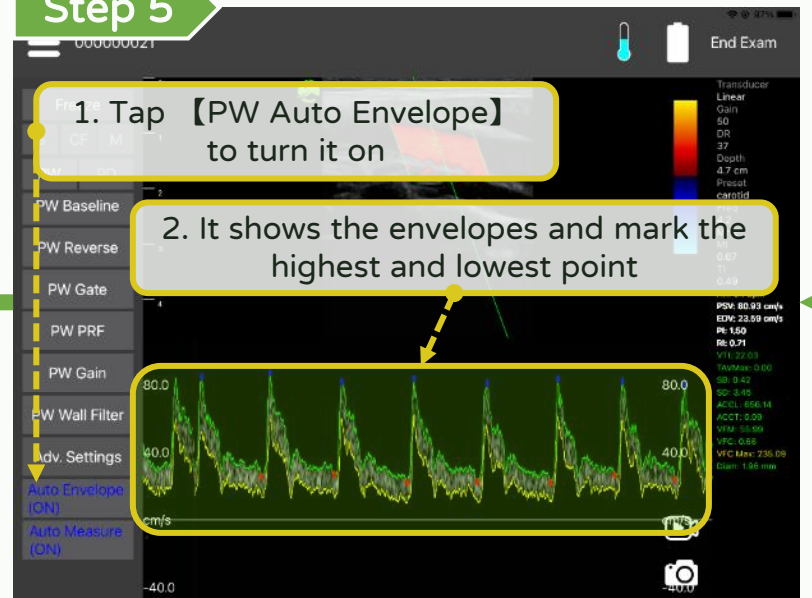
Step 3



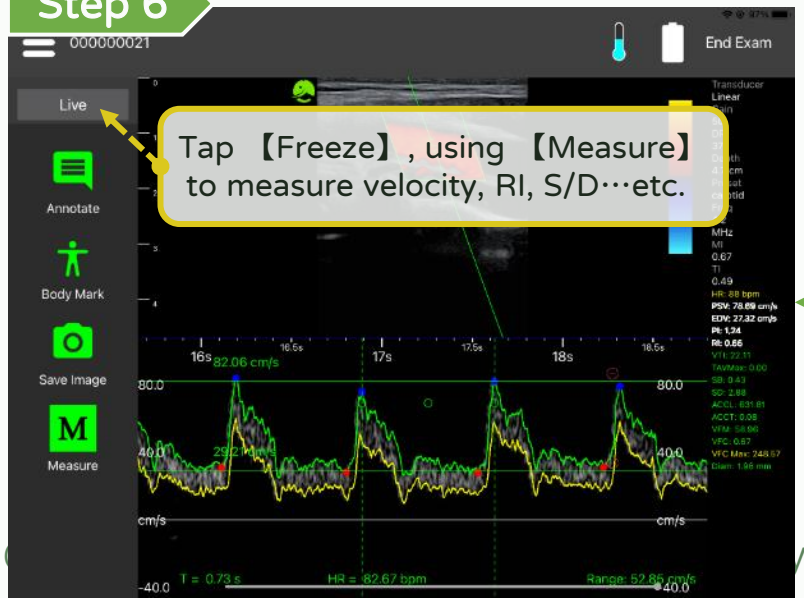
Step 4



Step 5



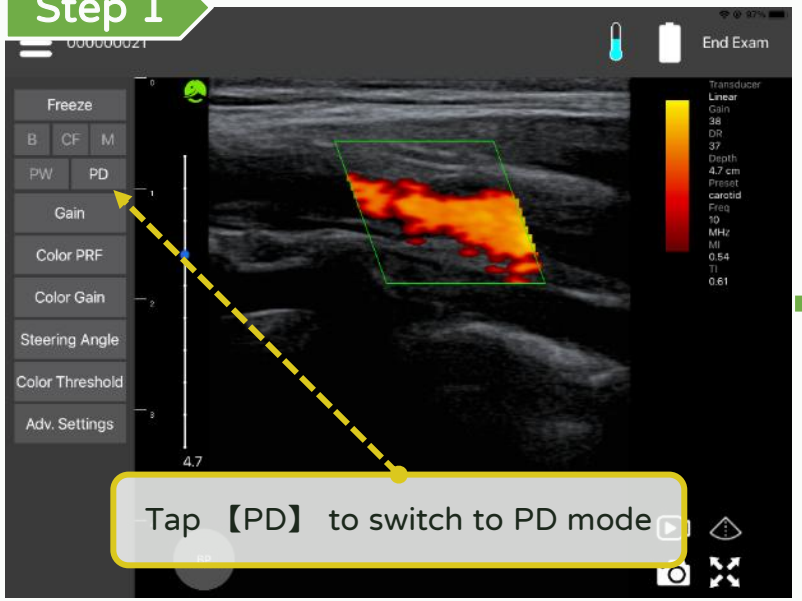
Step 6



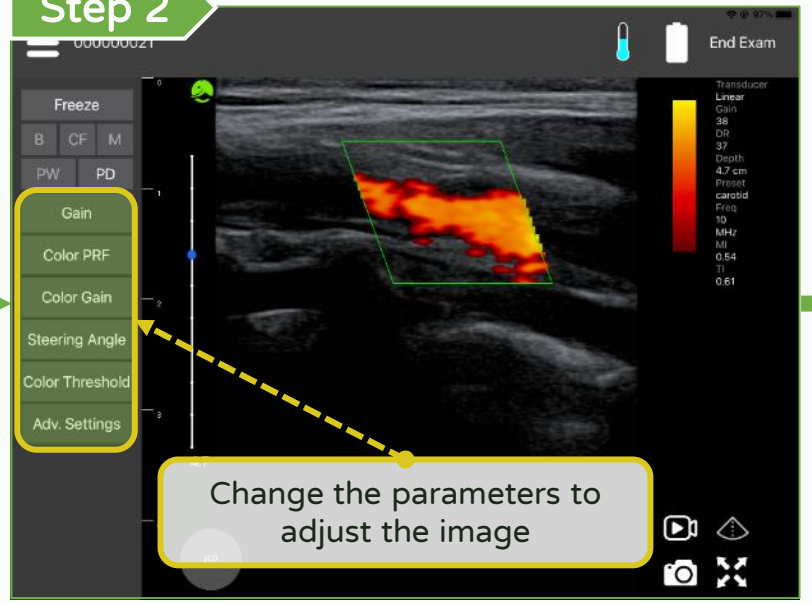
Scan - PD (Power Doppler) mode

*Optional function

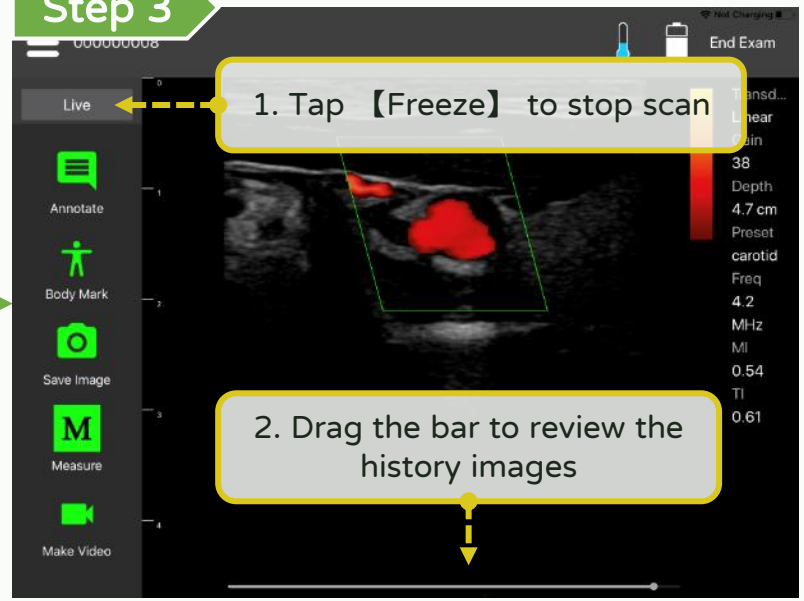
Step 1



Step 2



Step 3



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Scan - Select and customize a preset (700/128 series)

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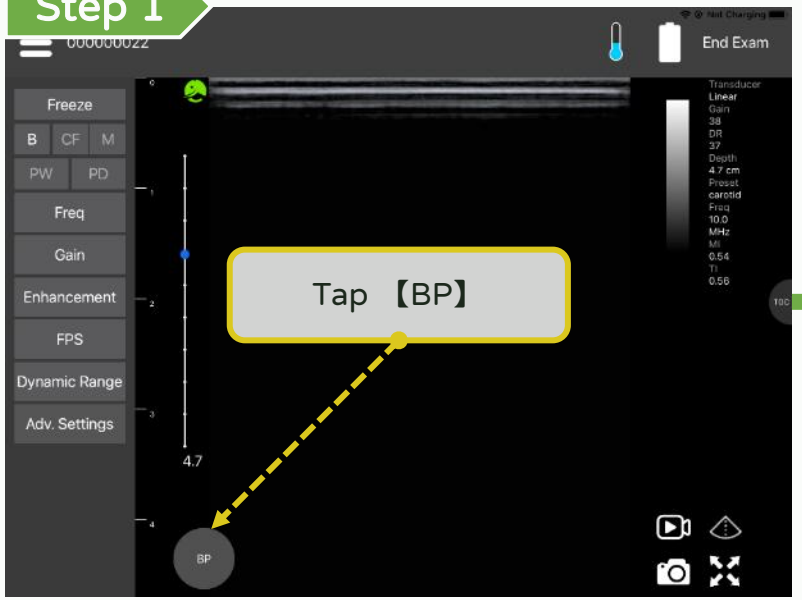
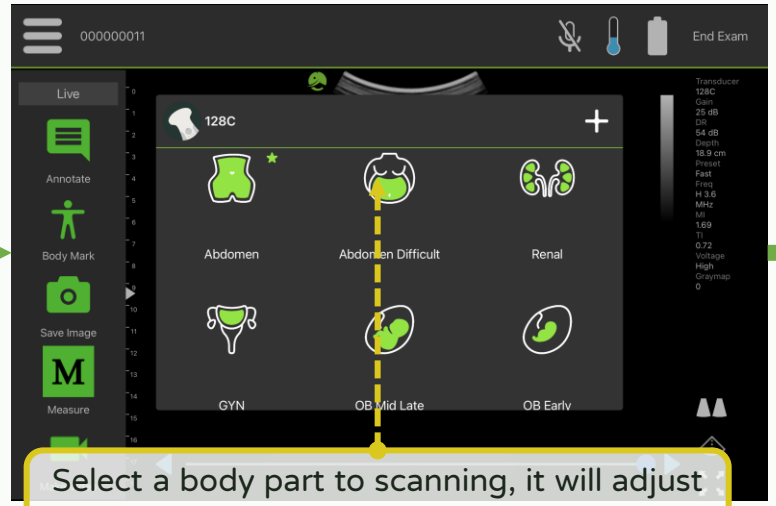
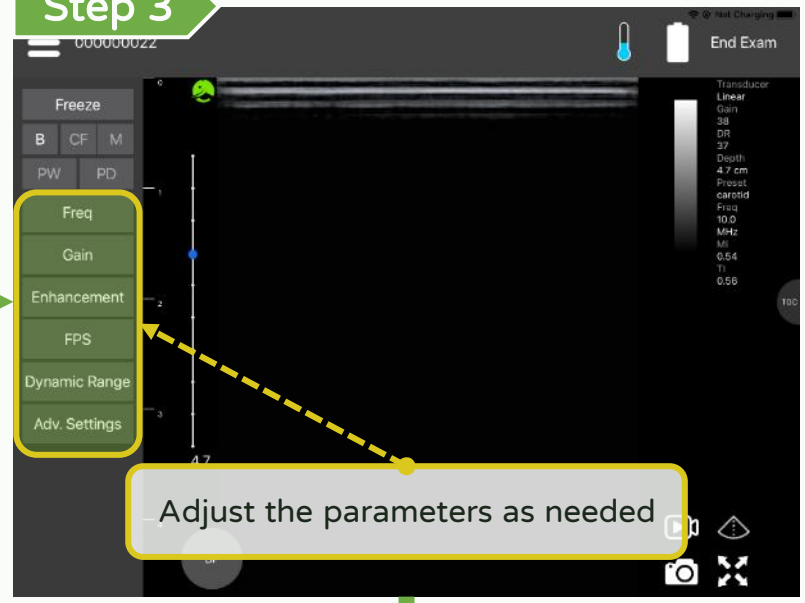
Step 1



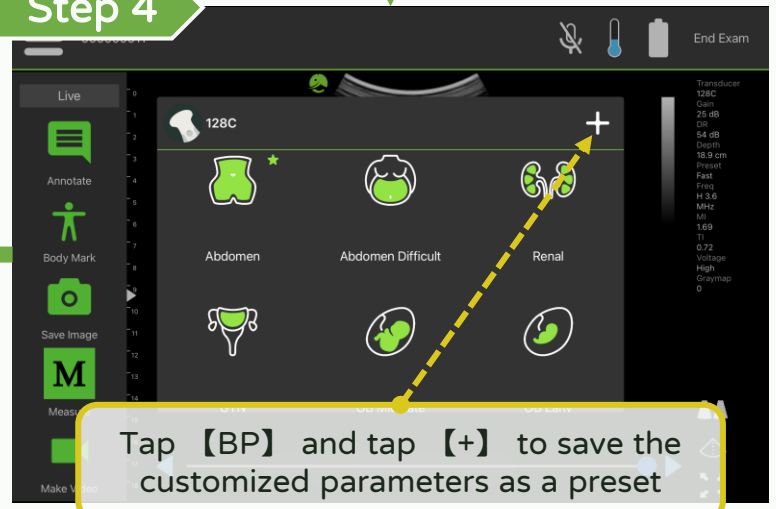
Step 2



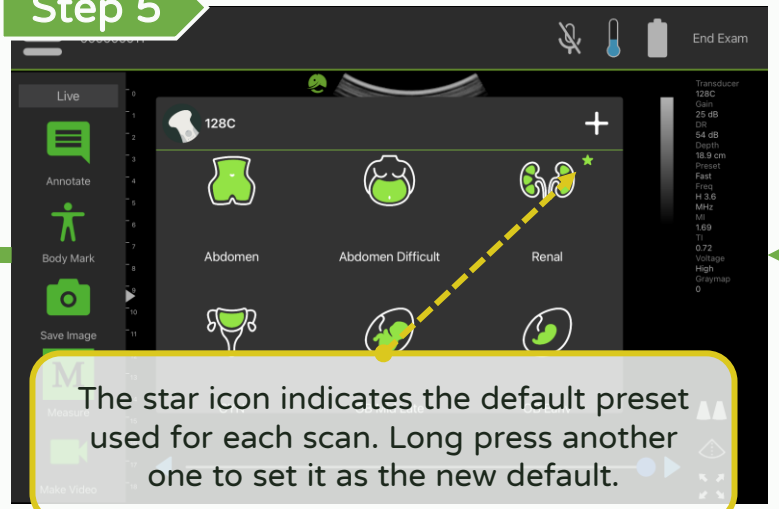
Step 3



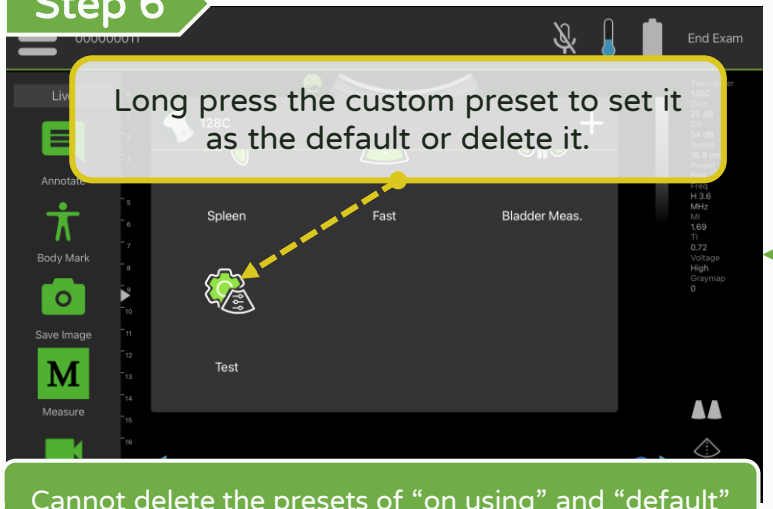
Step 4



Step 5



Step 6



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Scan - Select and customize a preset (LX series)

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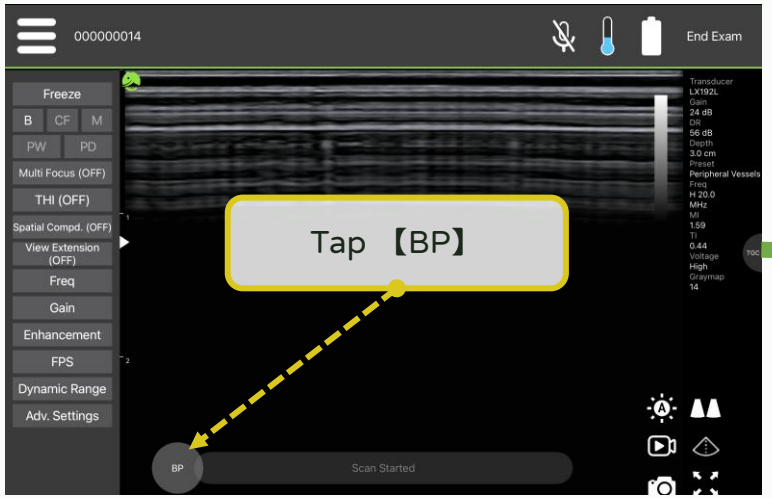
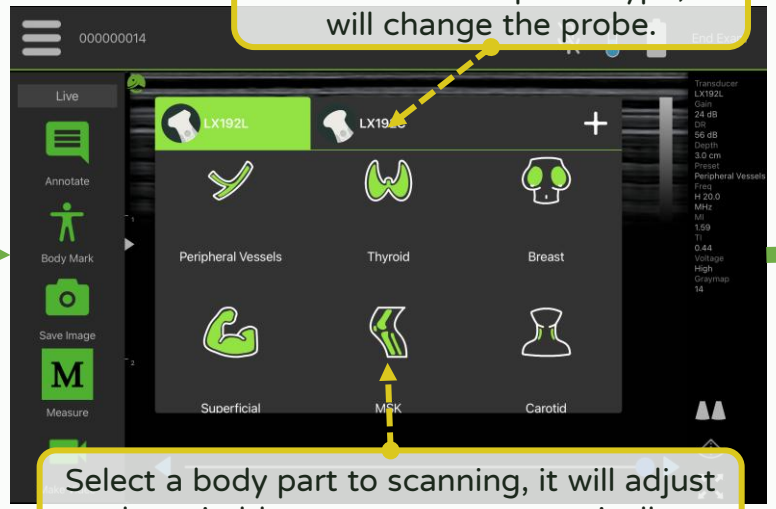
Step 1



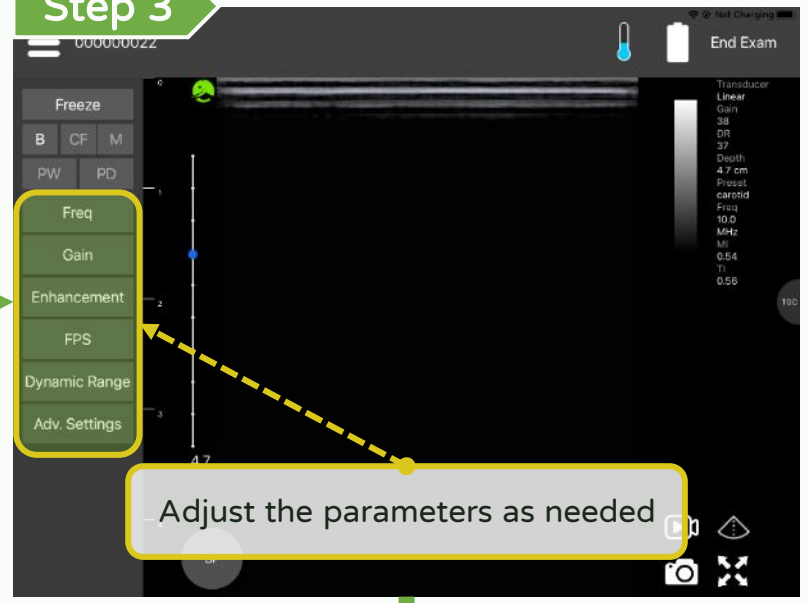
Step 2

Select the preset under the tab of the other probe type, it will change the probe.



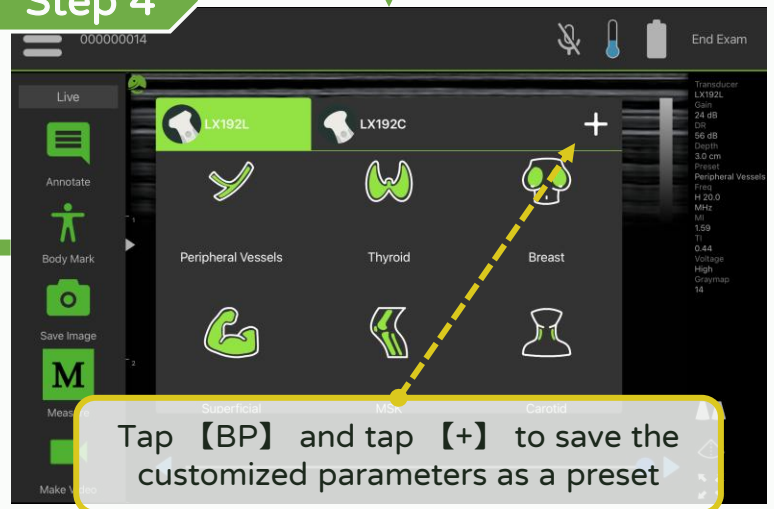
Select a body part to scanning, it will adjust the suitable parameters automatically

Step 3



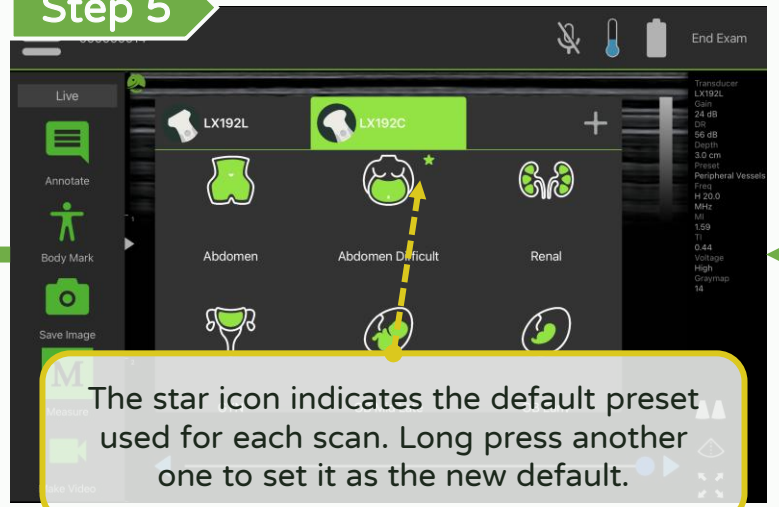
Adjust the parameters as needed

Step 4



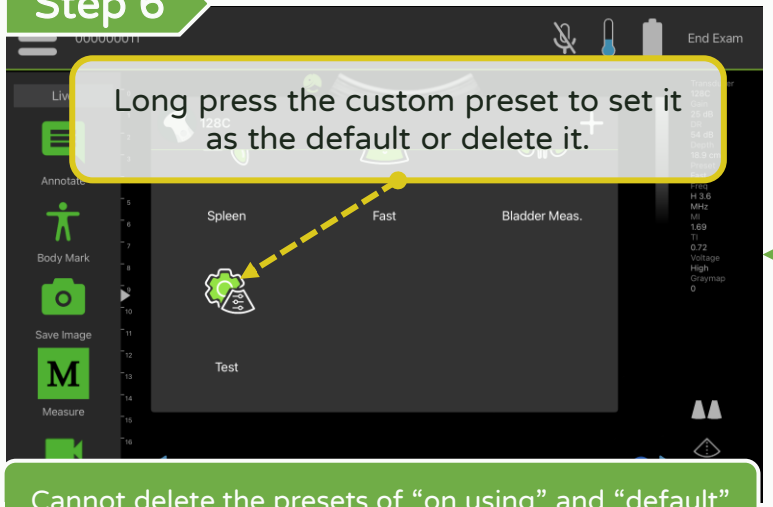
Tap 【BP】 and tap 【+】 to save the customized parameters as a preset

Step 5



The star icon indicates the default preset used for each scan. Long press another one to set it as the new default.

Step 6



Long press the custom preset to set it as the default or delete it.

Cannot delete the presets of “on using” and “default”

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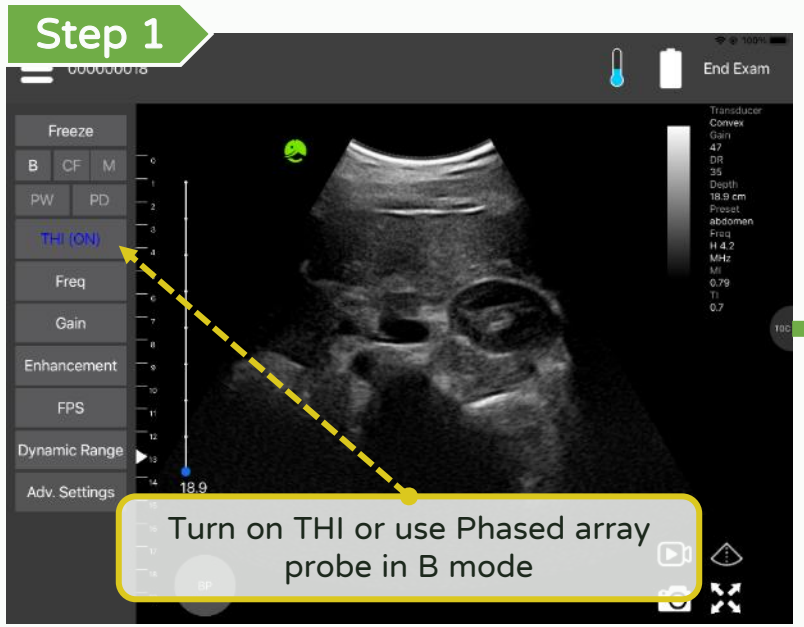
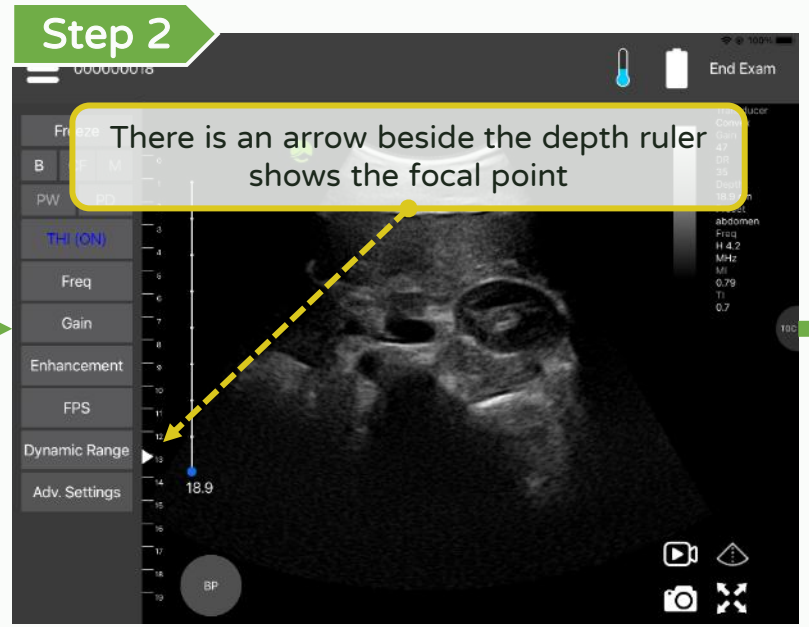
Scan - Adjust focus

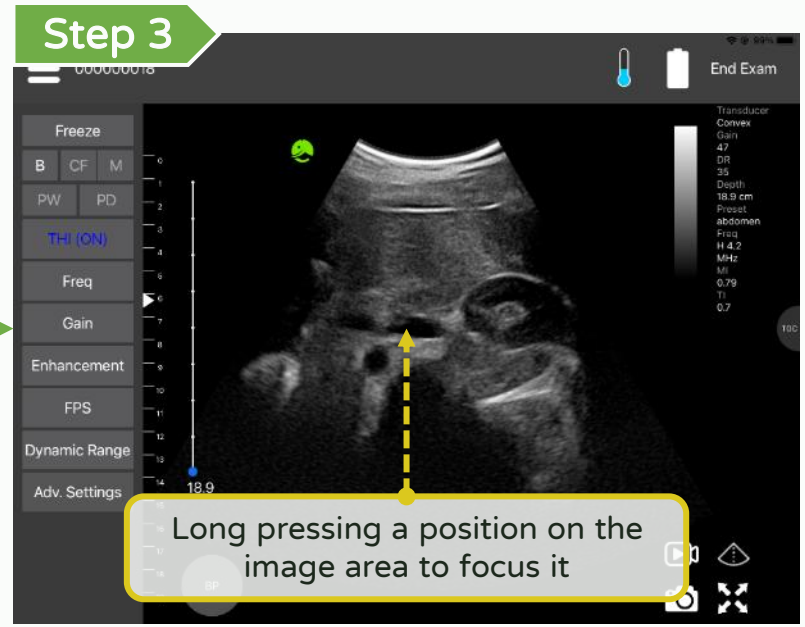
Step 1



Step 2



Step 3



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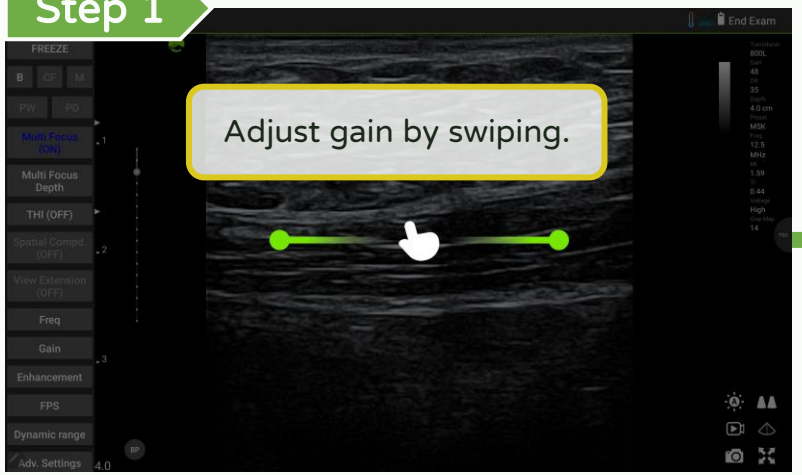
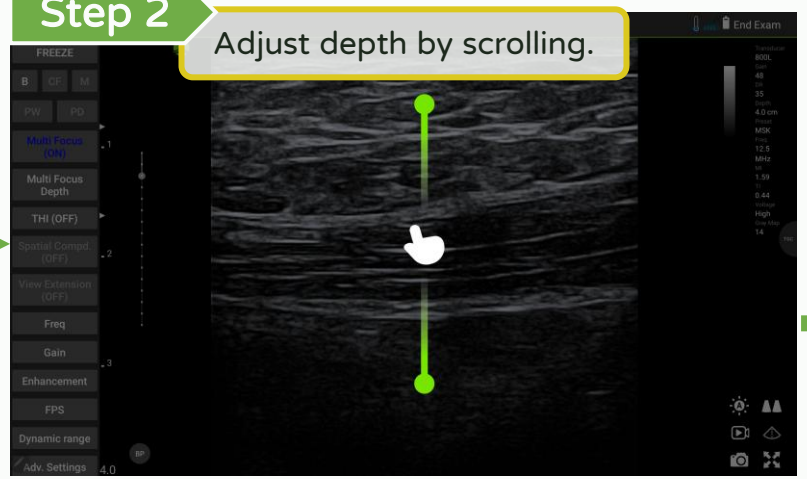
Scan – Gesture

Step 1



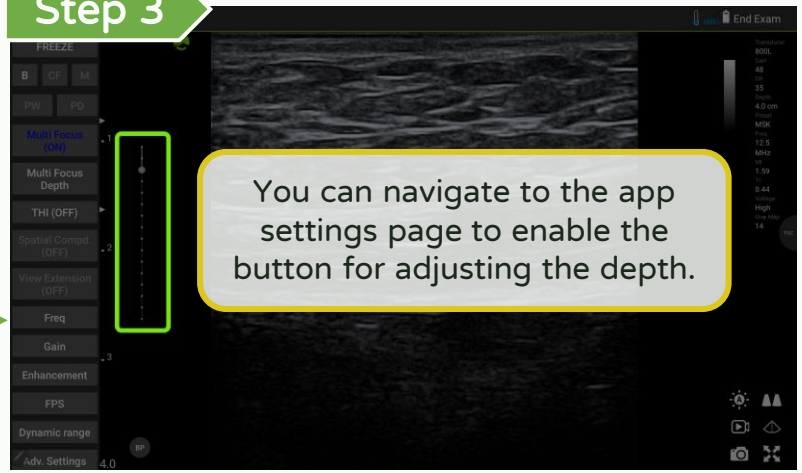
Adjust the gain

Step 2



Adjust the depth

Step 3



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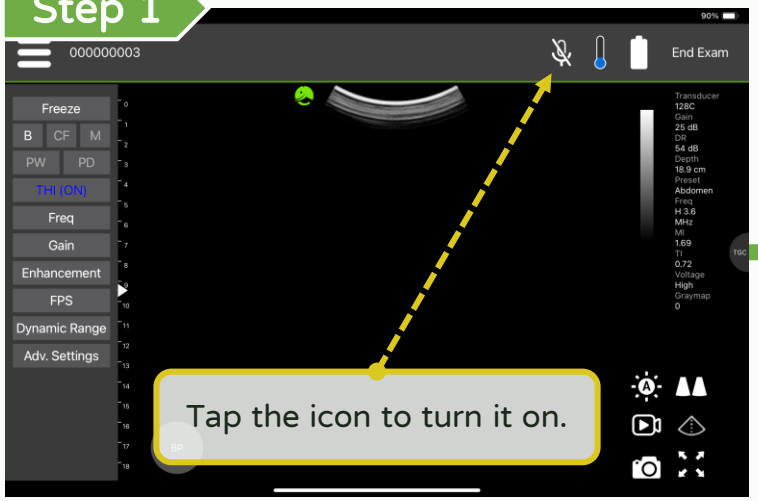
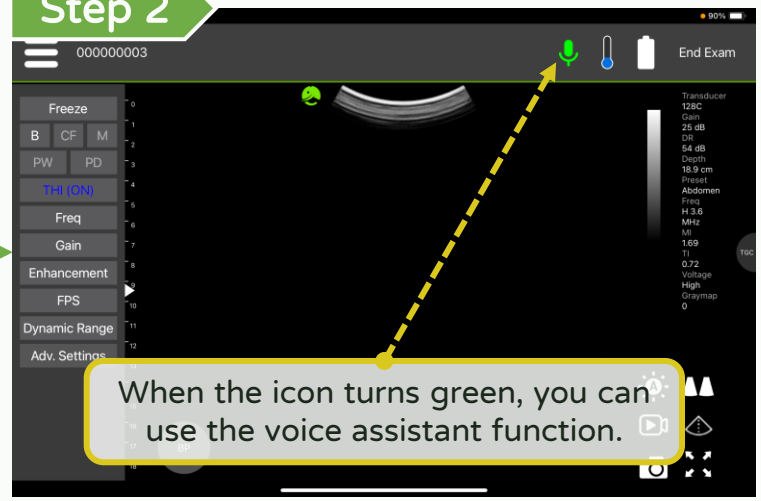
Scan – Voice control

Step 1



Step 2



Functions	Voice Command
Freeze	Freeze
Live	Live
Save image	Capture image

To enhance the voice recognition function please refer to the manual guide

【Android】

【iOS】

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【 Annotate, measure and save 】

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Annotate, measure and save - Annotate & Body mark

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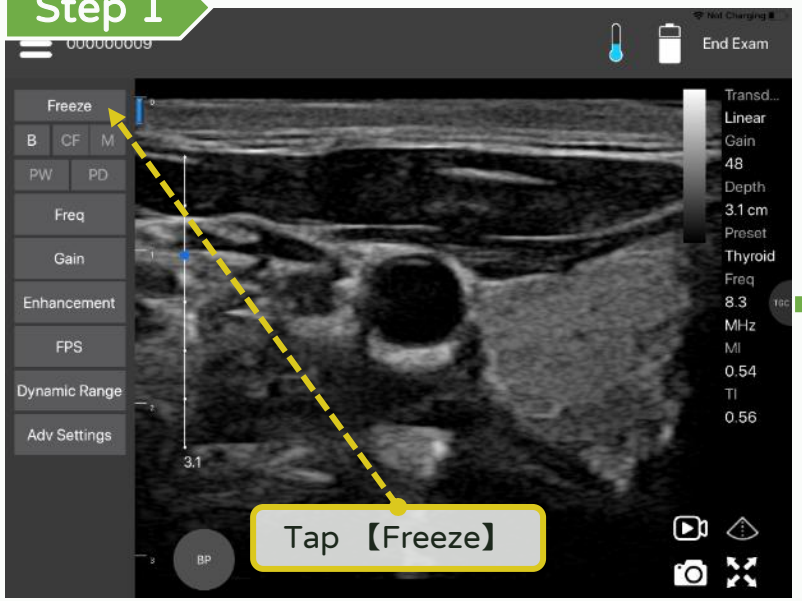
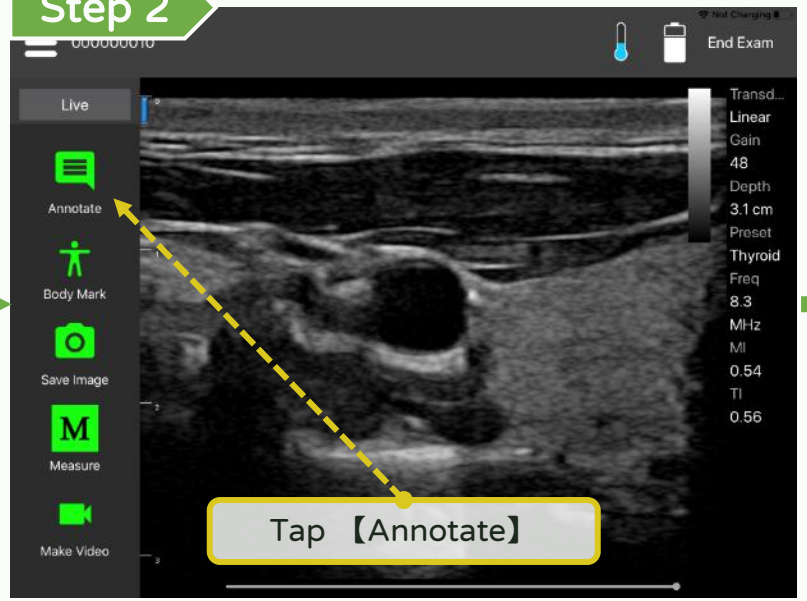
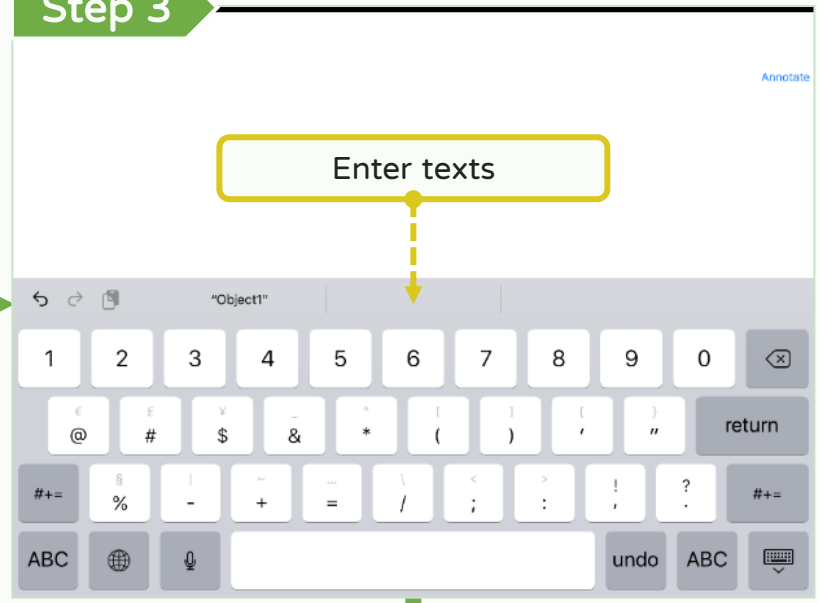
Step 1



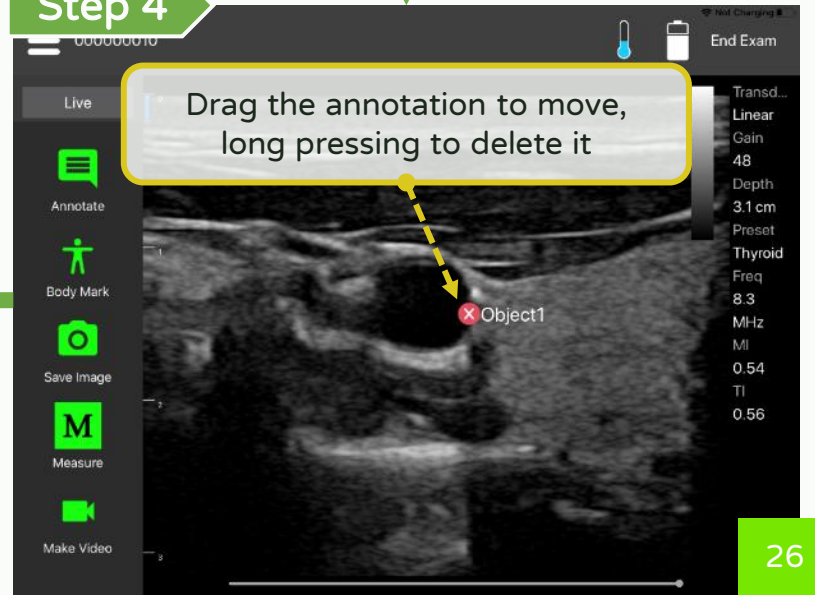
Step 2



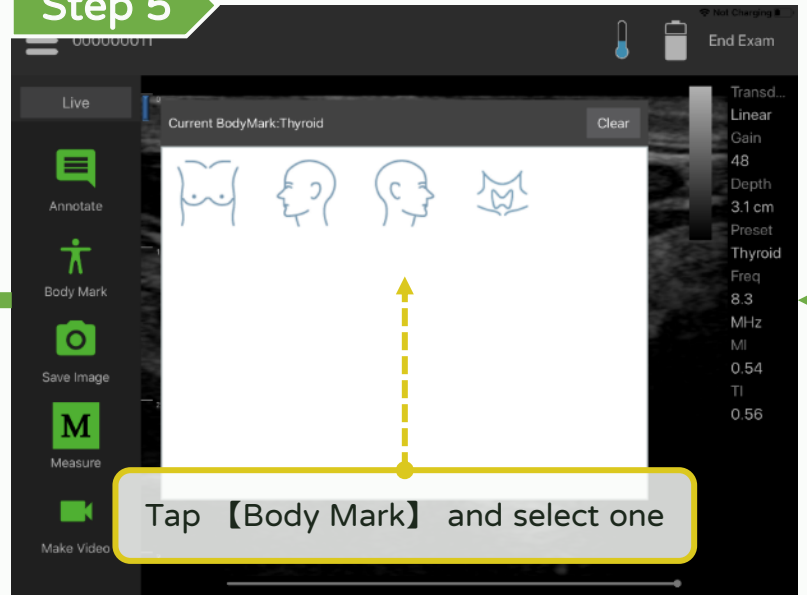
Step 3



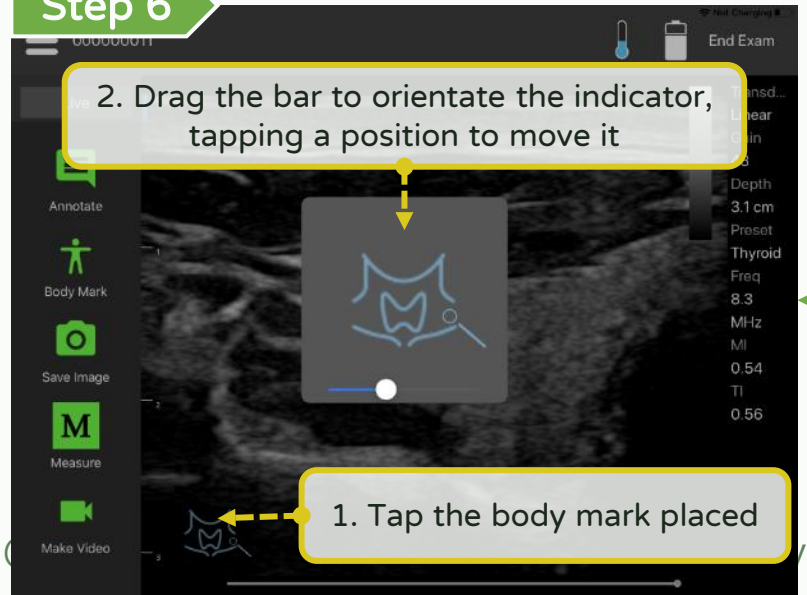
Step 4



Step 5



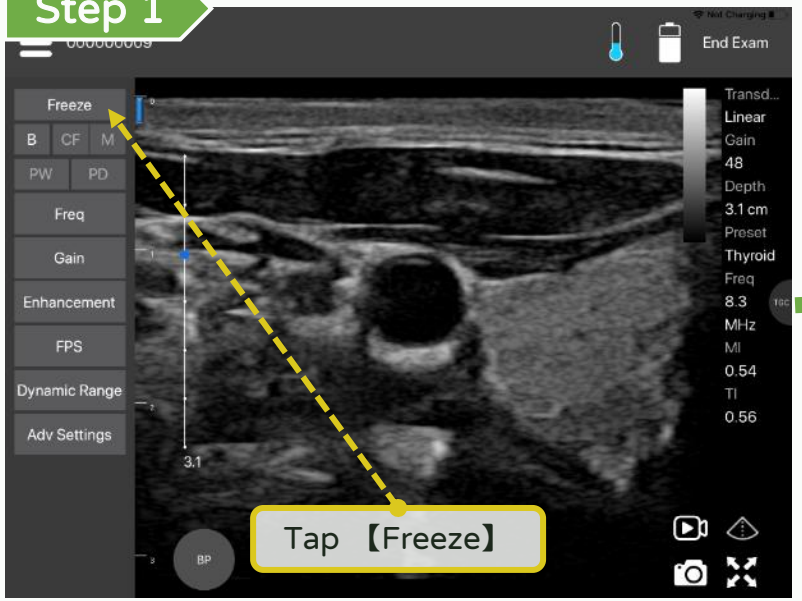
Step 6



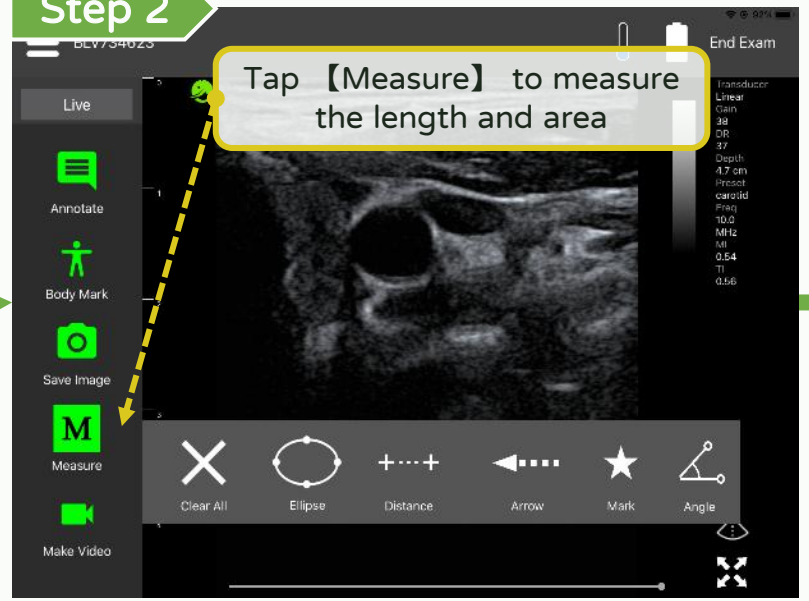
Annotate, measure and save - Measure

LELTEK

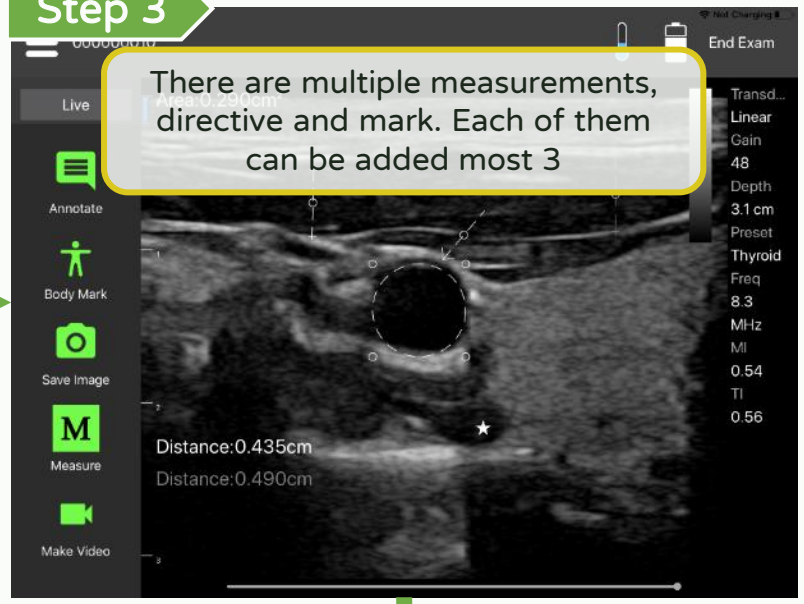
Step 1



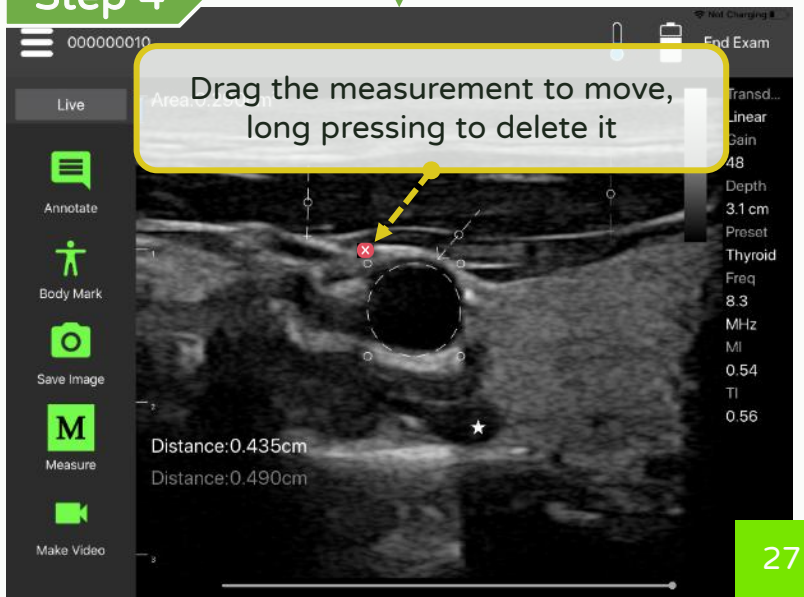
Step 2



Step 3



Step 4



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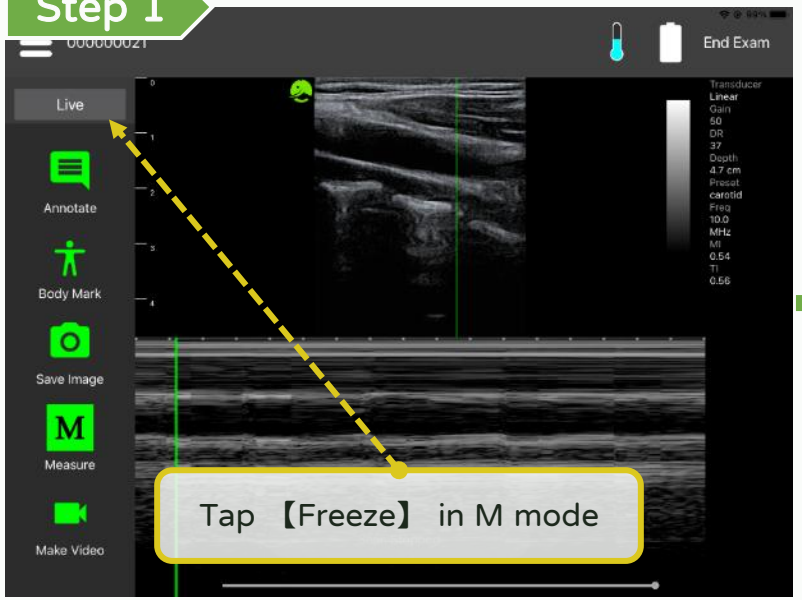
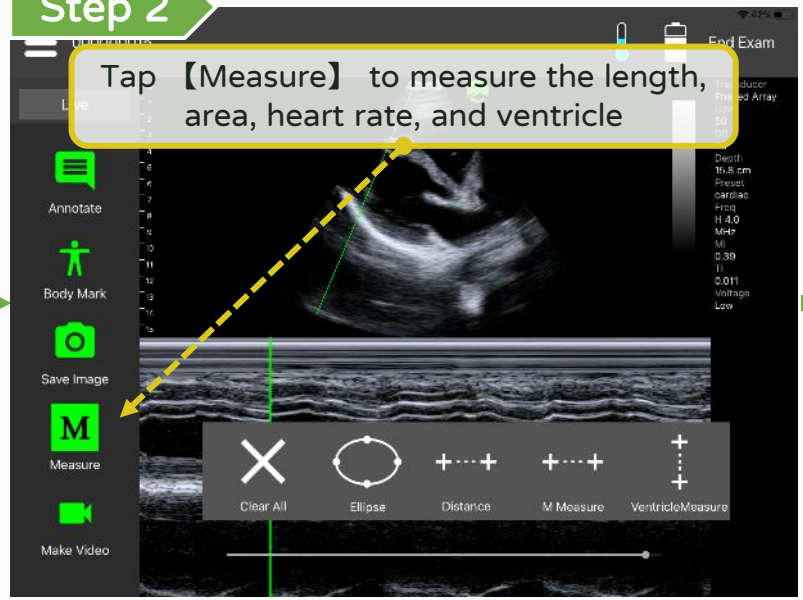
Annotate, measure and save - Measure in M mode

LELTEK

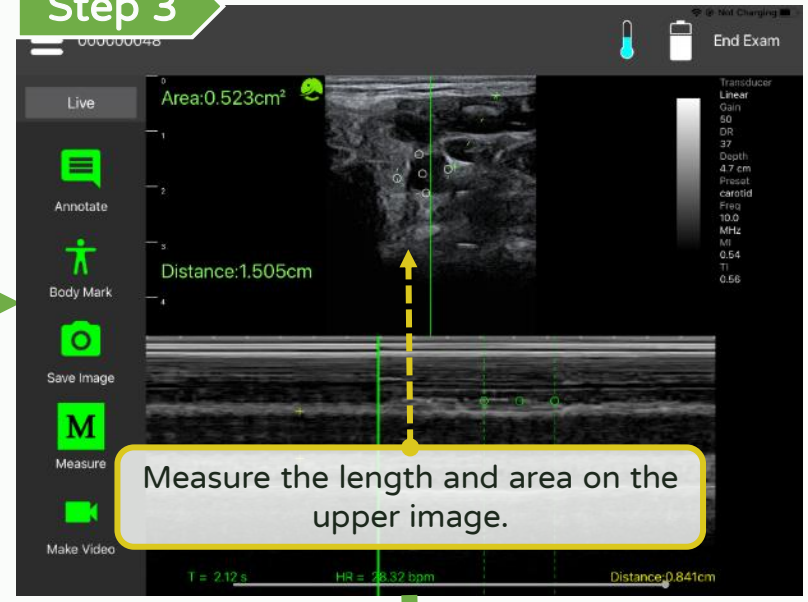
Step 1



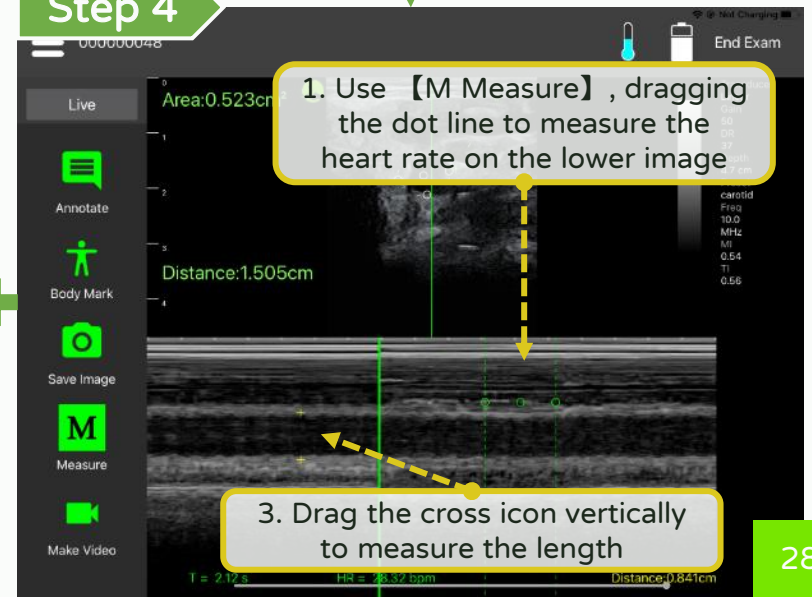
Step 2



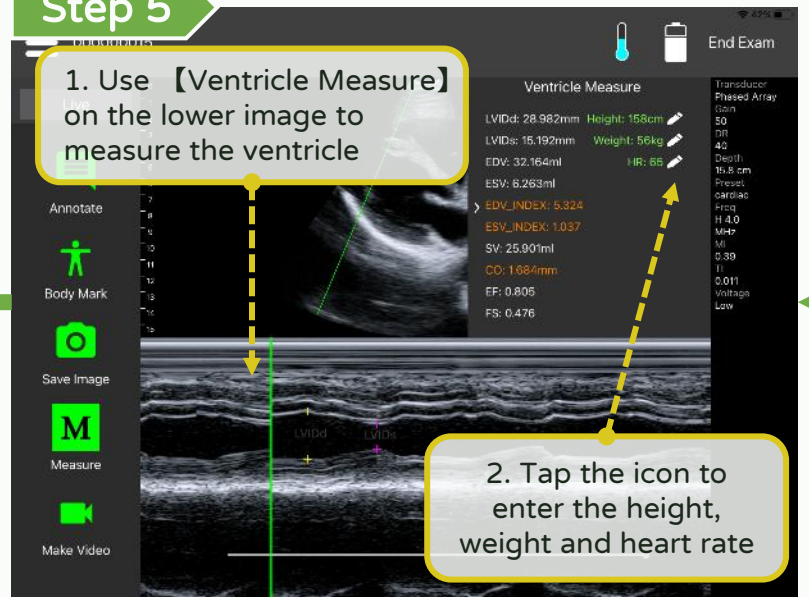
Step 3



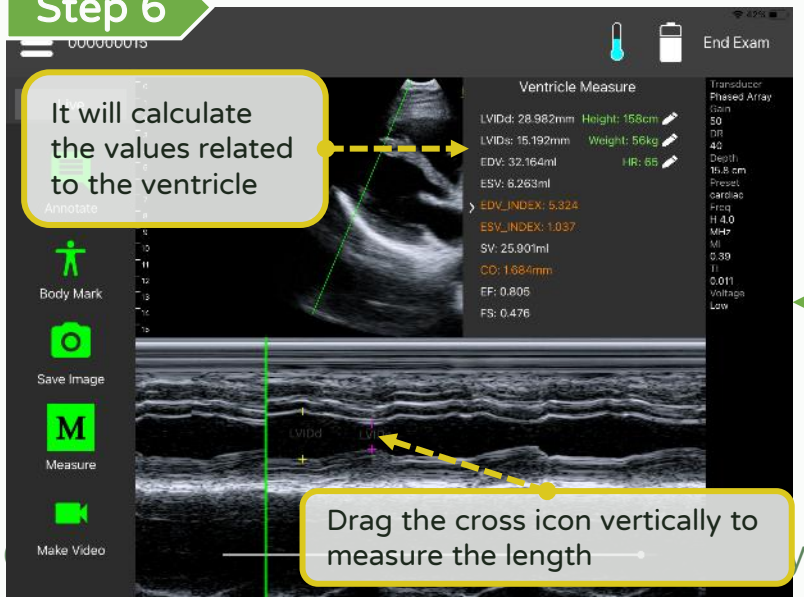
Step 4



Step 5



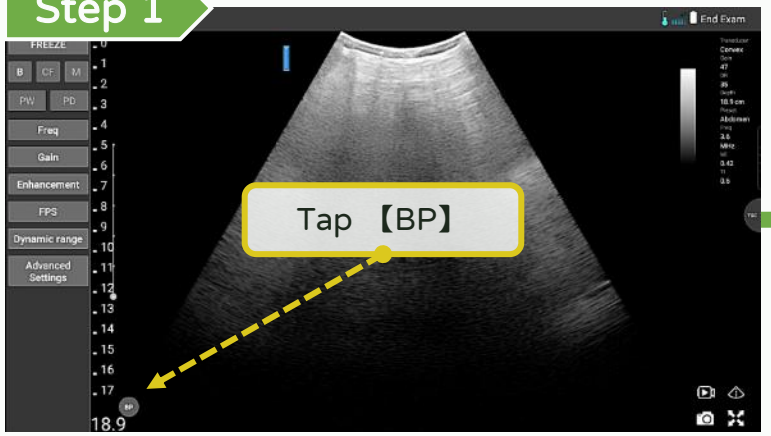
Step 6



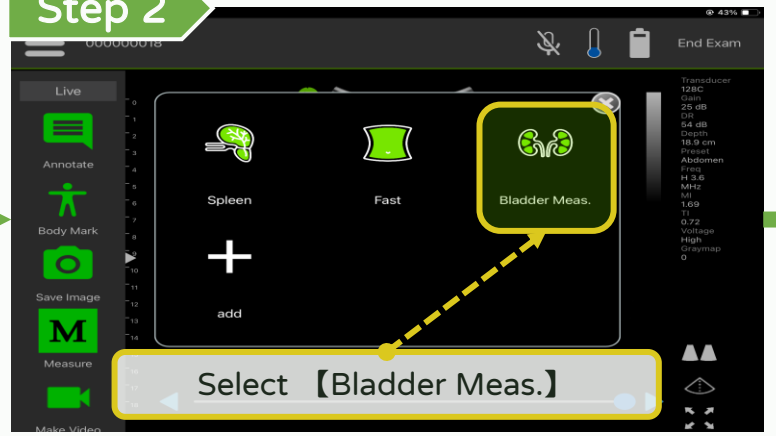
Annotate, measure and save - Measure Bladder

LELTEK

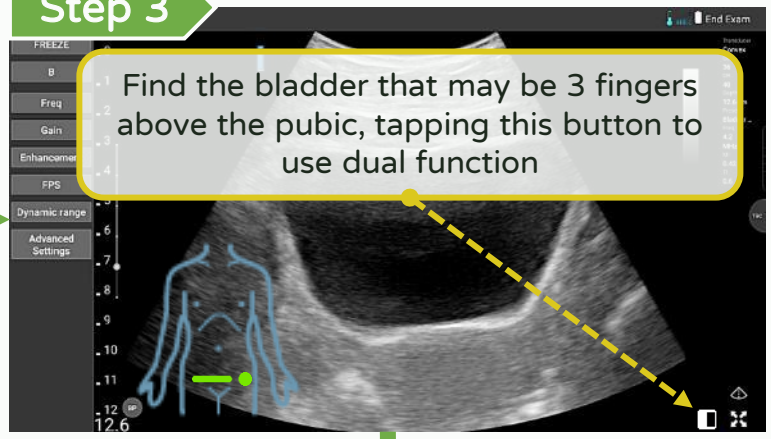
Step 1



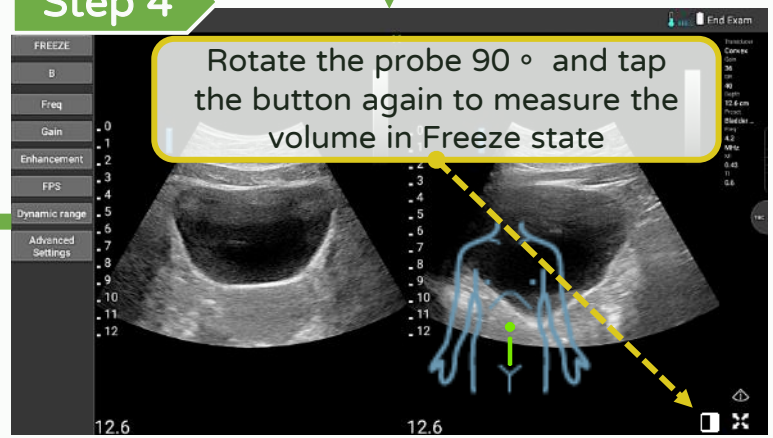
Step 2



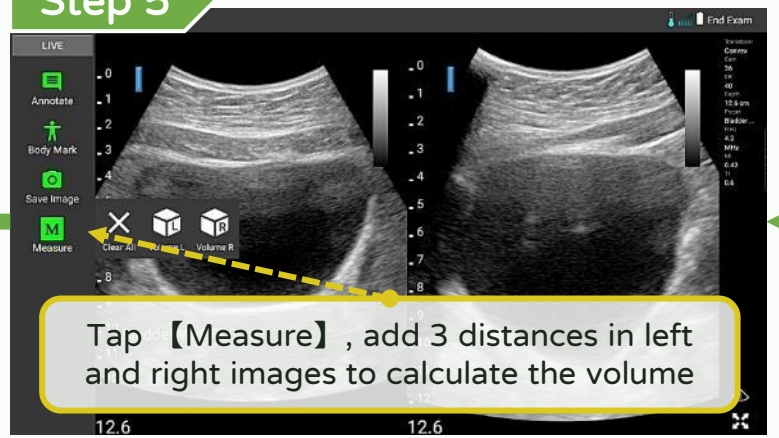
Step 3



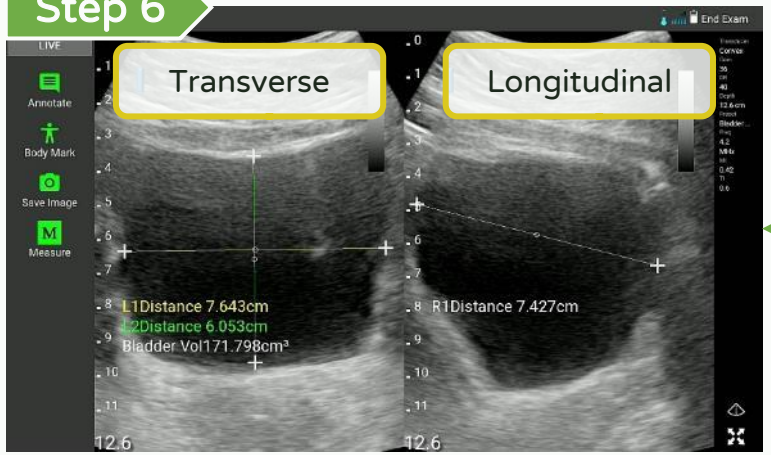
Step 4



Step 5



Step 6



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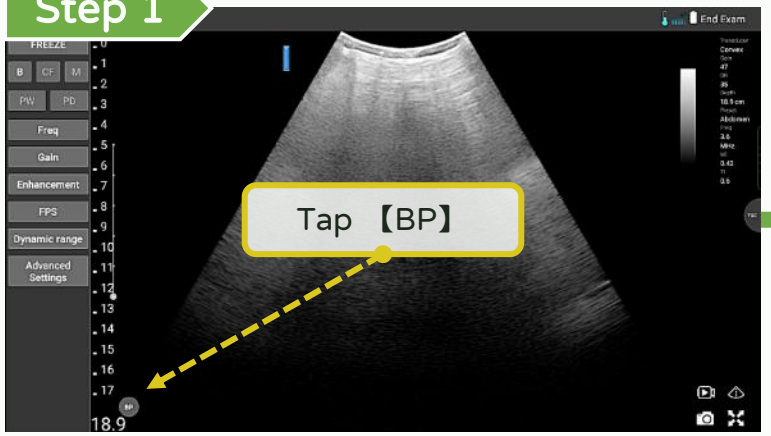
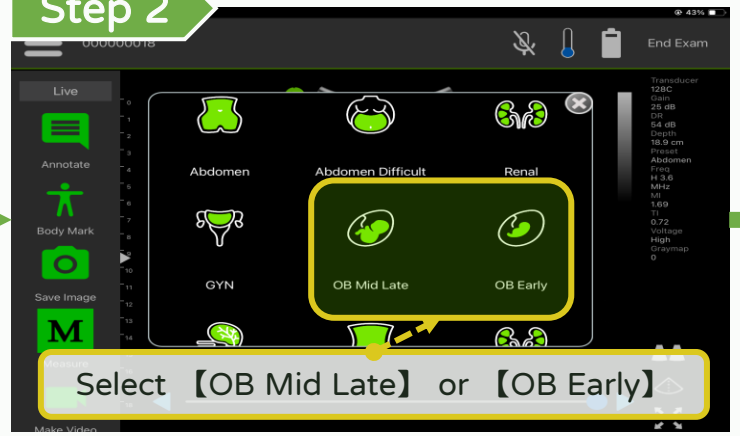
Annotate, measure and save - Calculating the gestational age

LELTEK

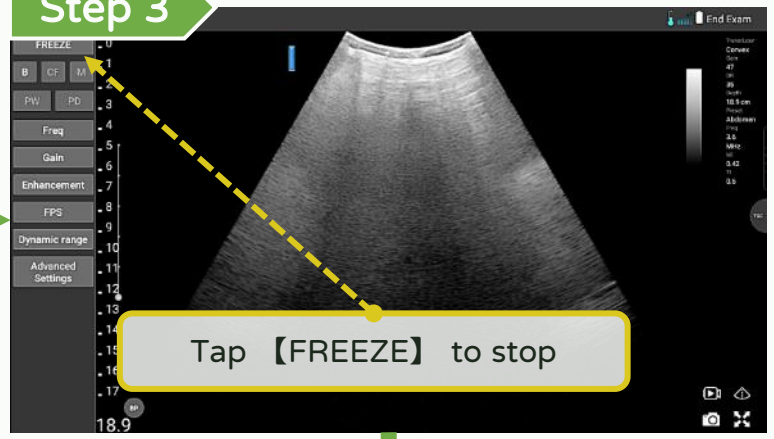
Step 1



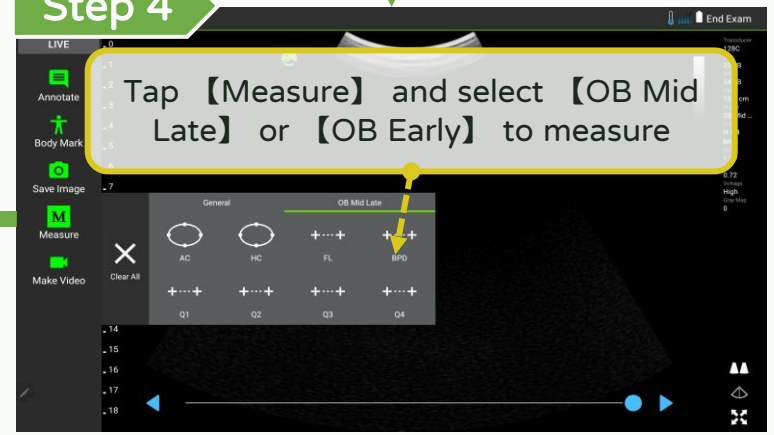
Step 2



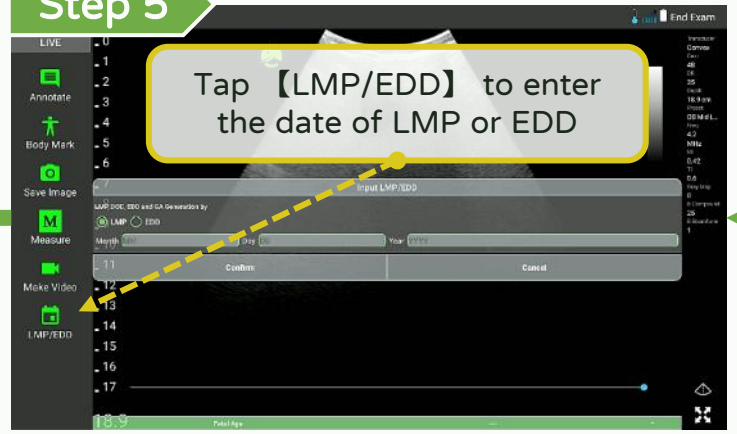
Step 3



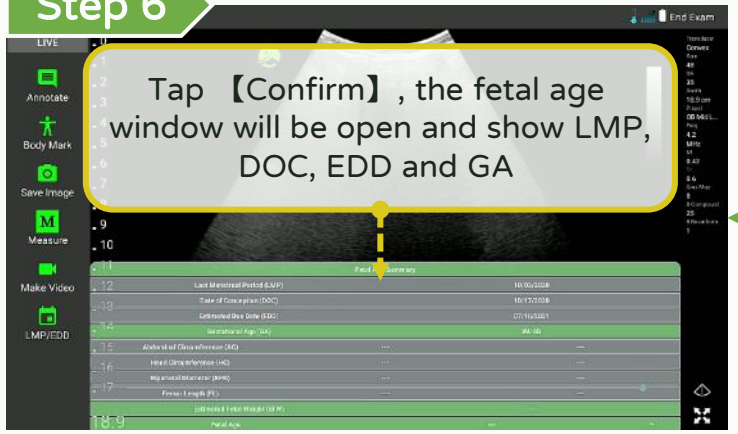
Step 4



Step 5



Step 6



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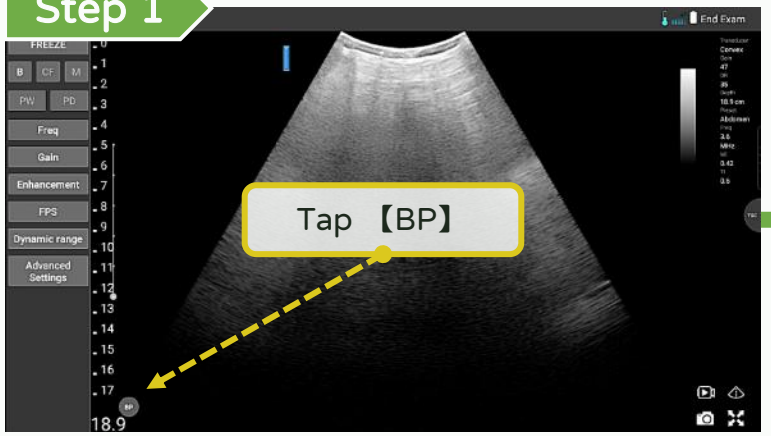
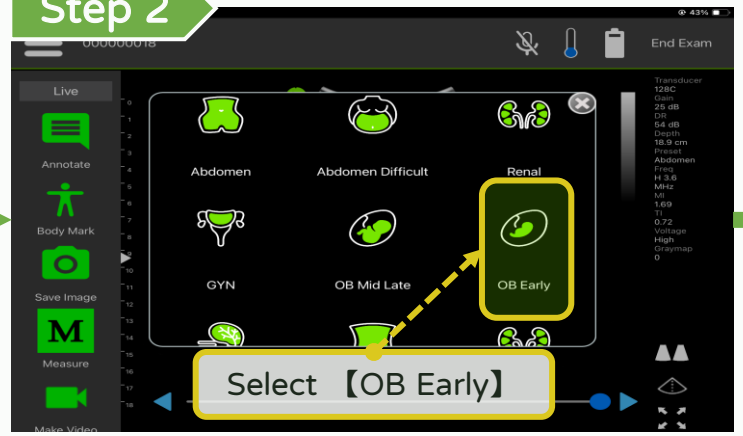
Annotate, measure and save - Measuring in OB early

LELTEK

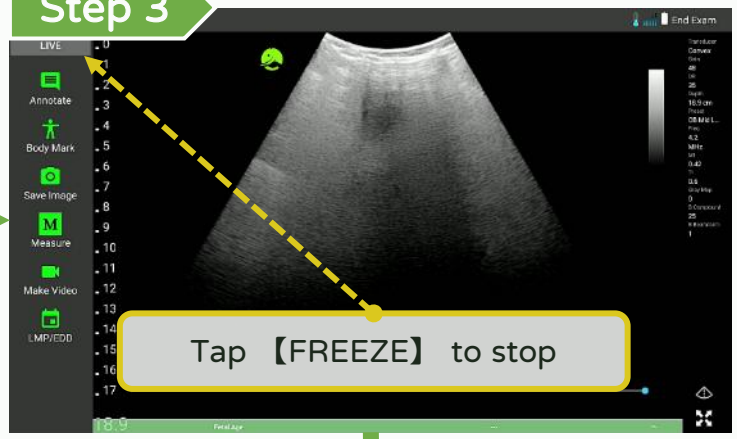
Step 1



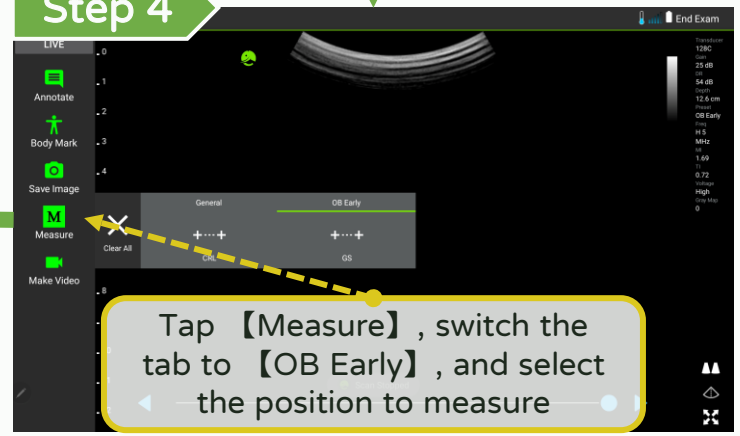
Step 2



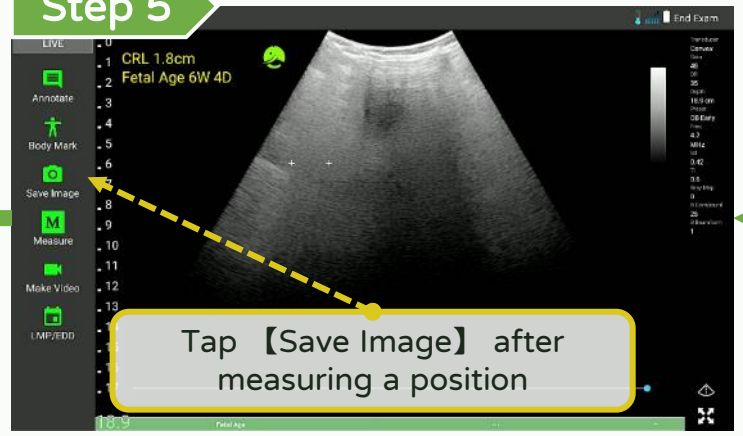
Step 3



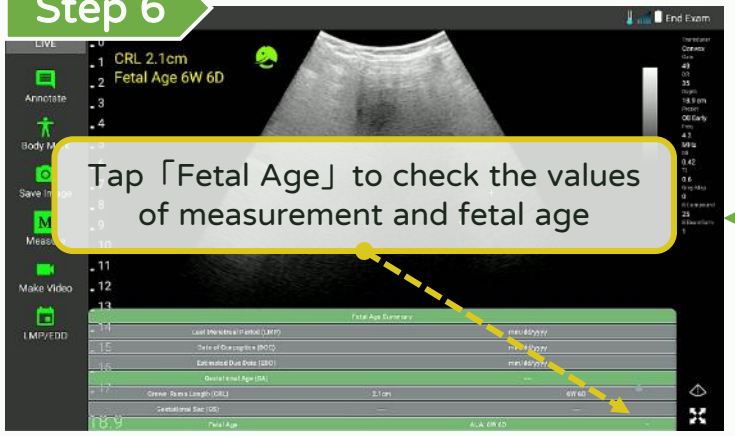
Step 4



Step 5



Step 6



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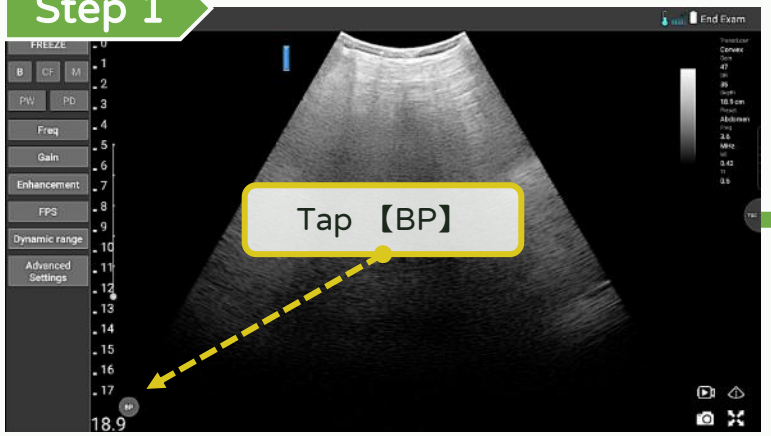
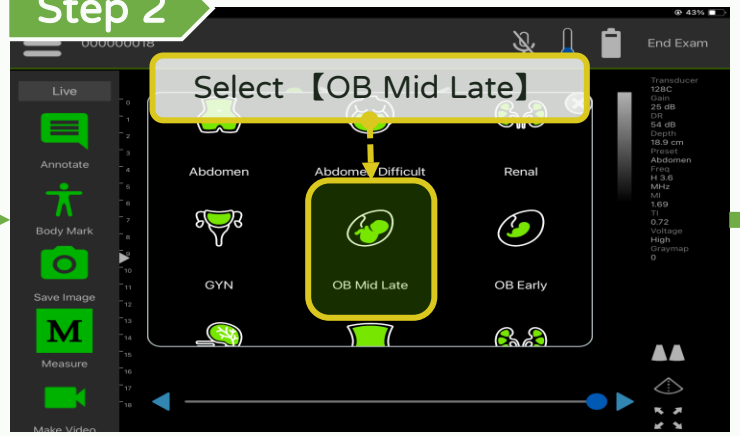
Annotate, measure and save - Measuring in OB mid late

LELTEK

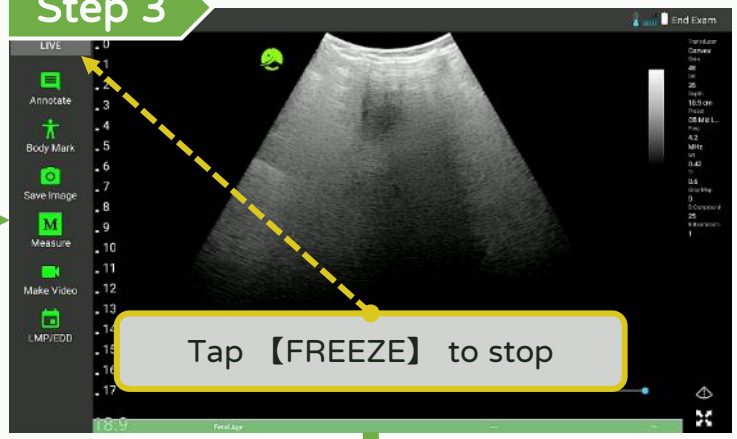
Step 1



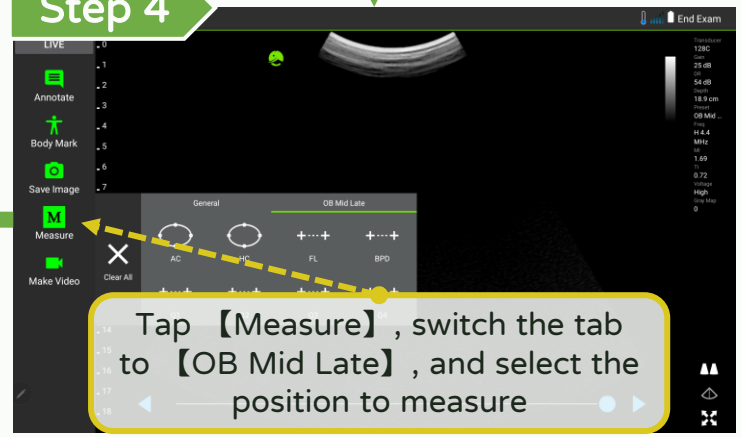
Step 2



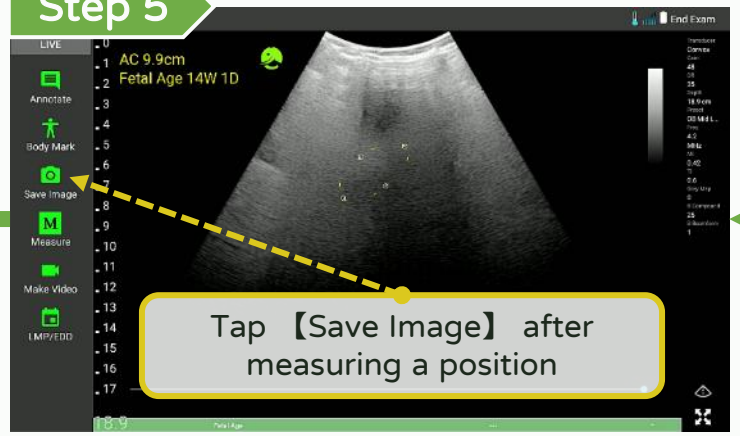
Step 3



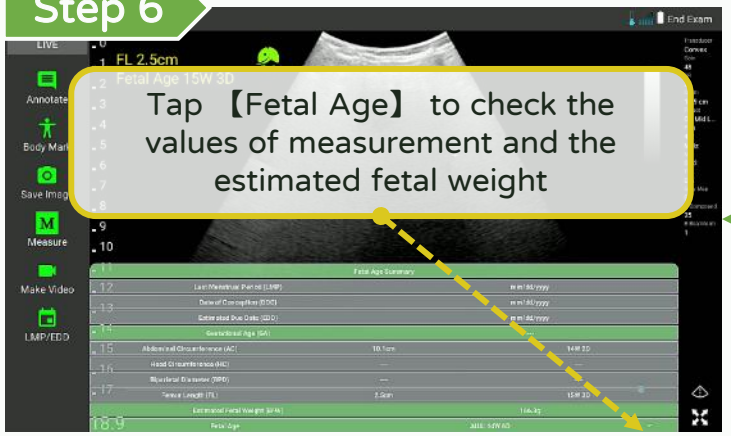
Step 4



Step 5



Step 6



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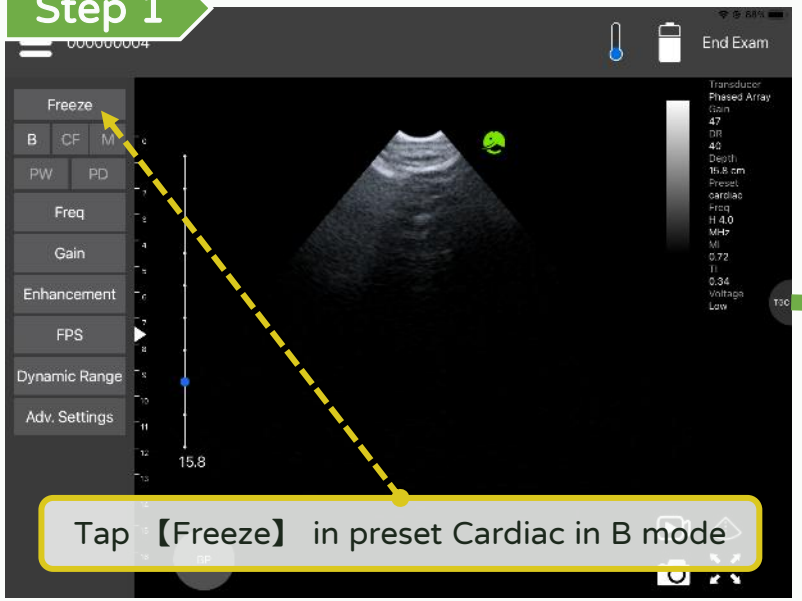
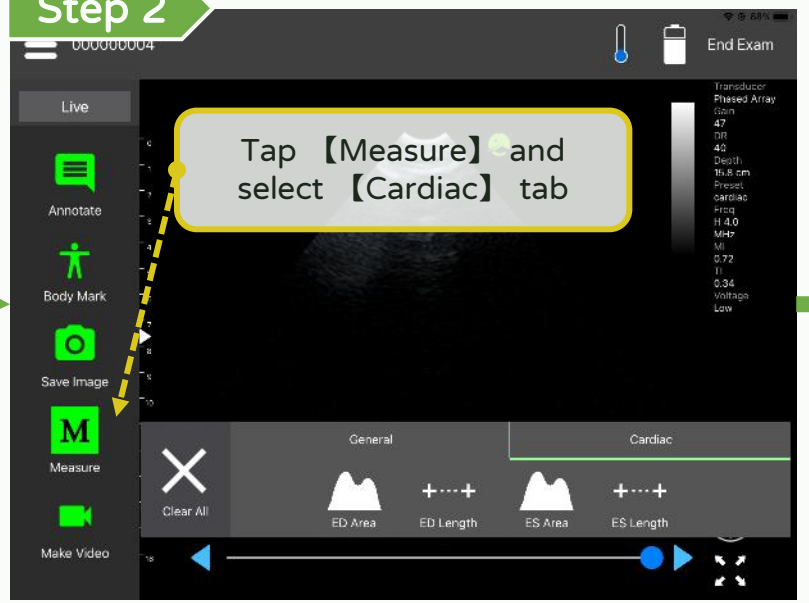
Annotate, measure and save - Measuring cardiac in B mode

LELTEK

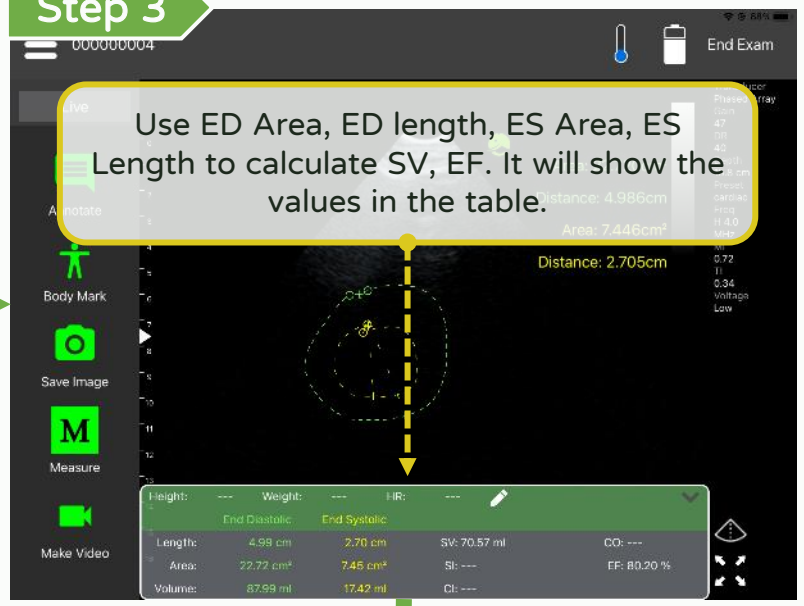
Step 1



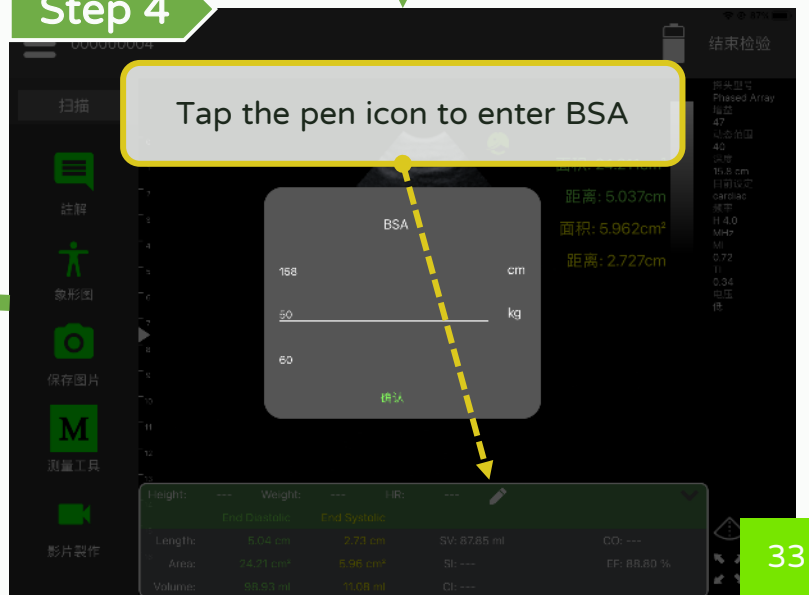
Step 2



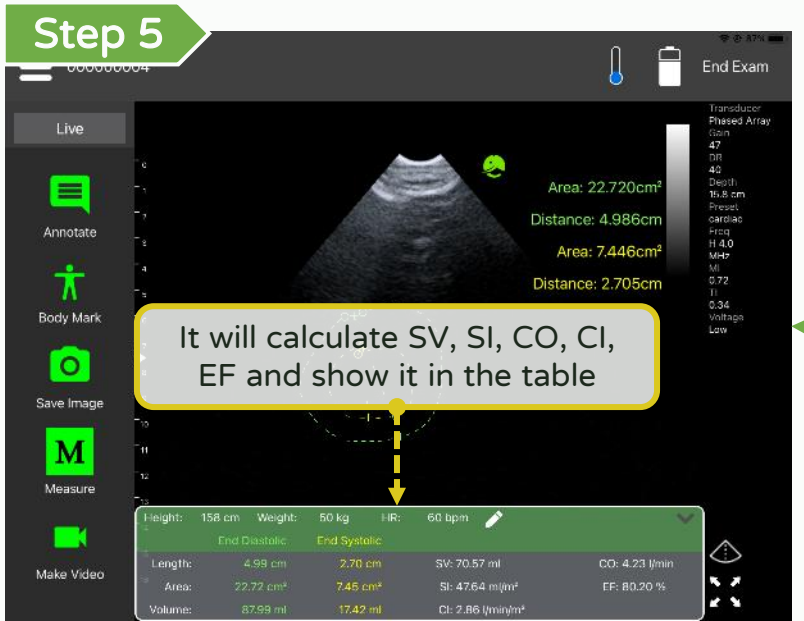
Step 3



Step 4



Step 5



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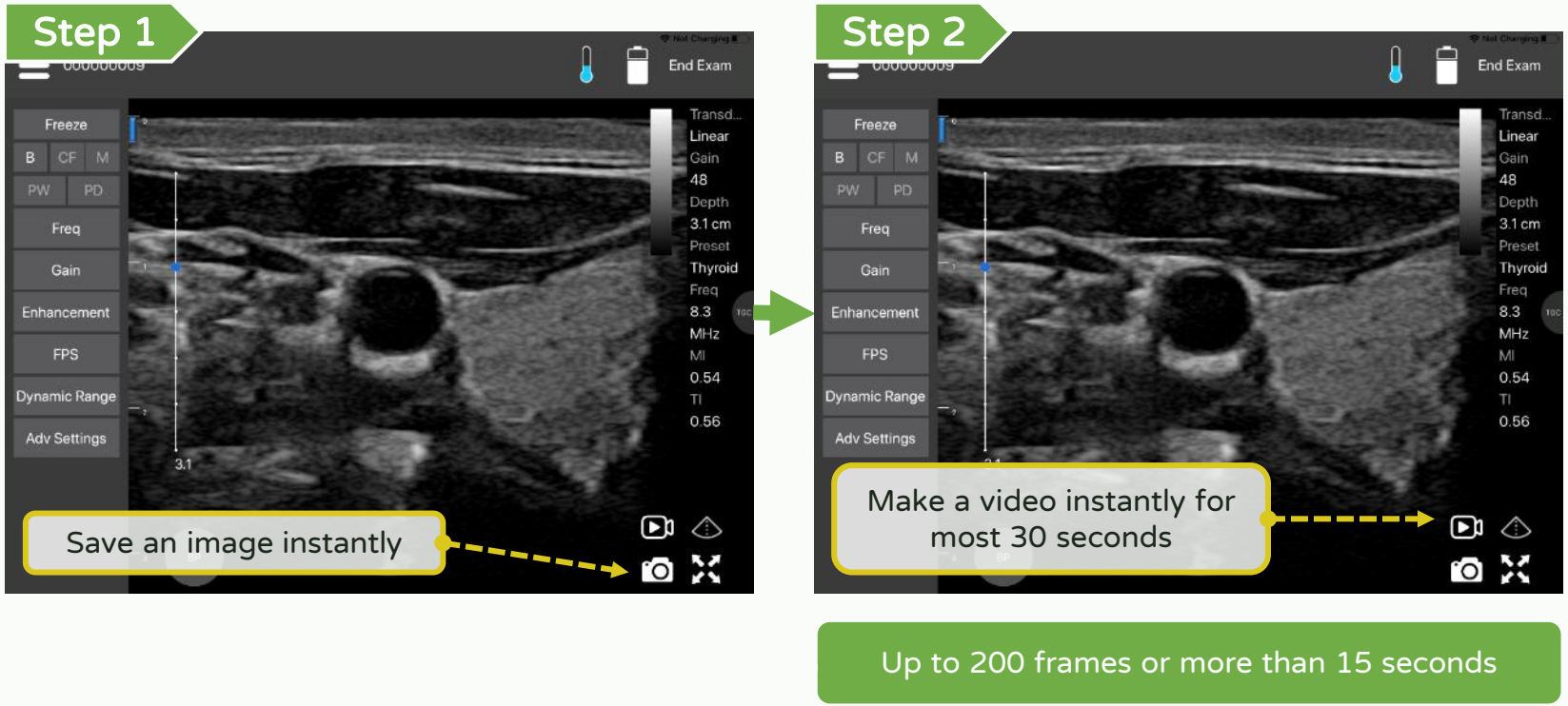
Annotate, measure and save - Save (Instant)



Up to 200 frames or more than 15 seconds

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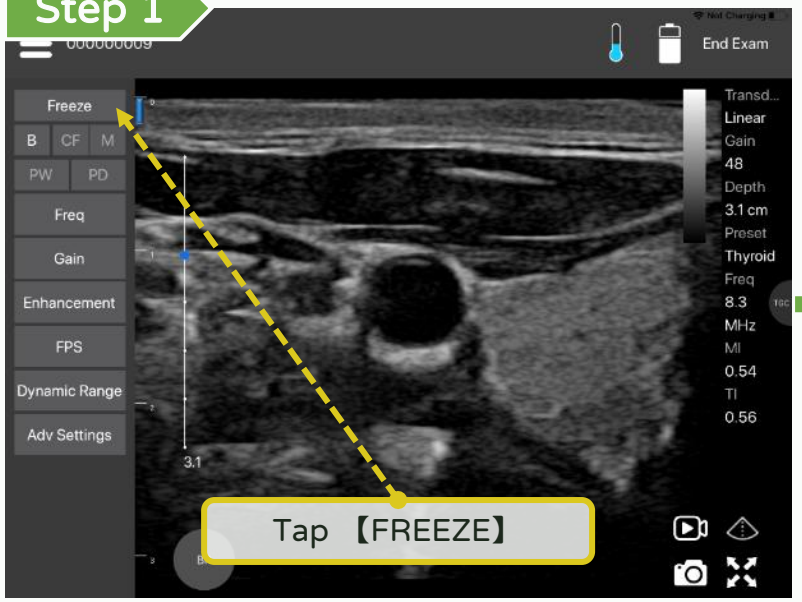
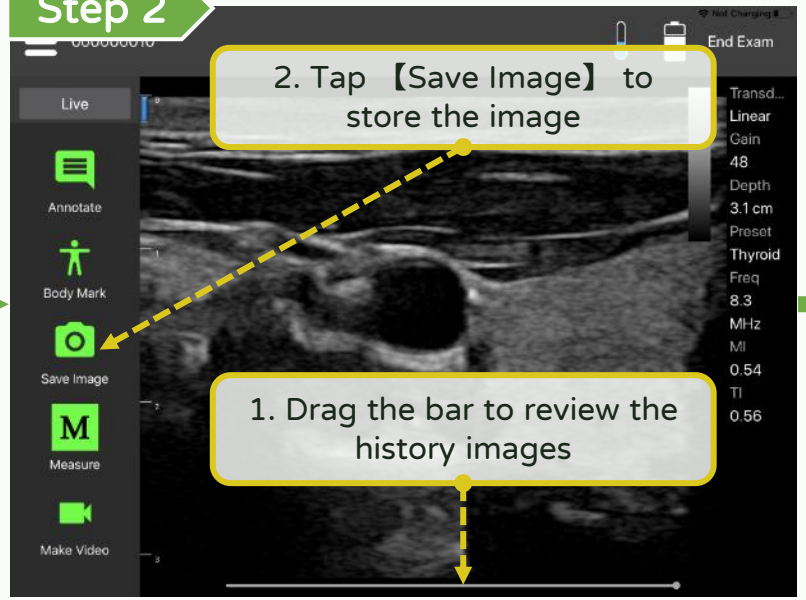
Annotate, measure and save - Save image (Not Instant)

LELTEK

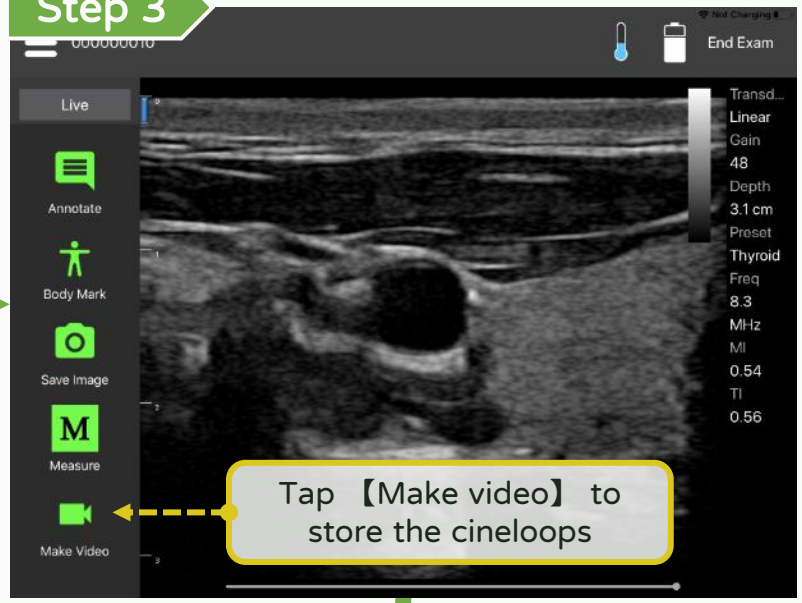
Step 1



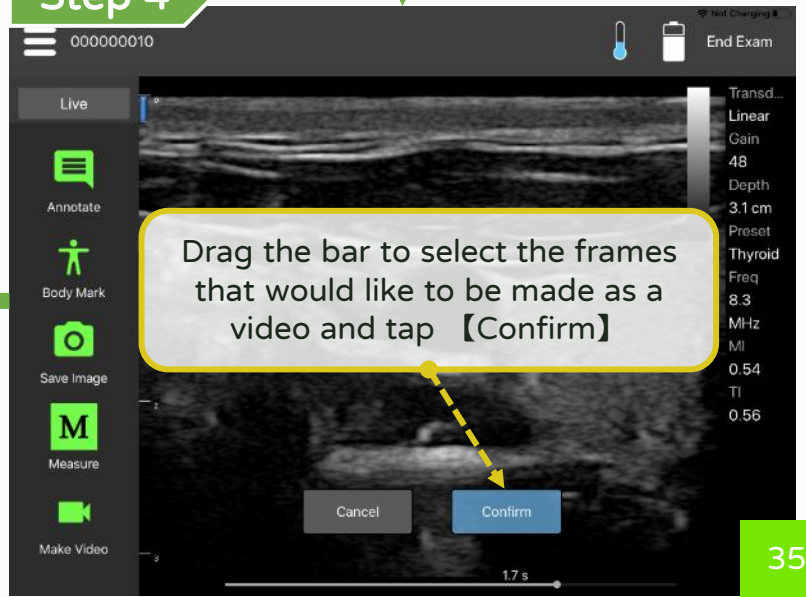
Step 2



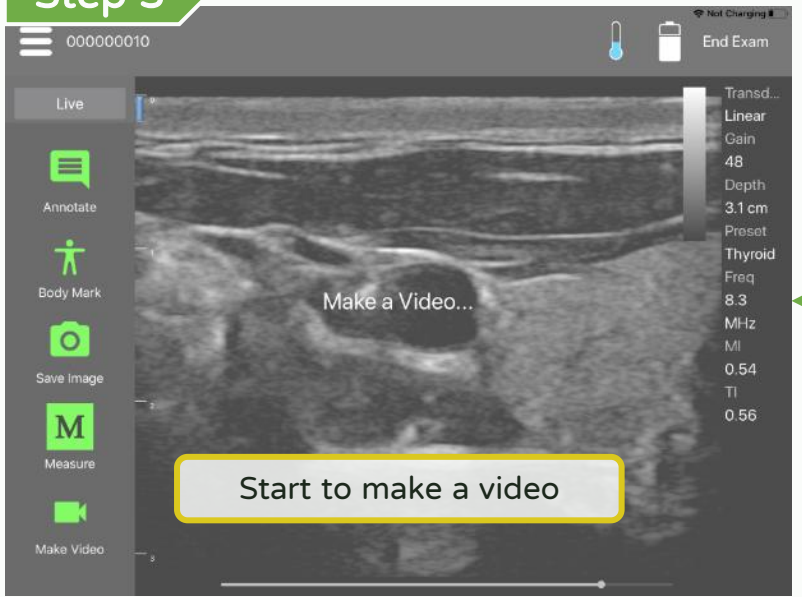
Step 3



Step 4



Step 5



Up to 200 frames or more than 15 seconds

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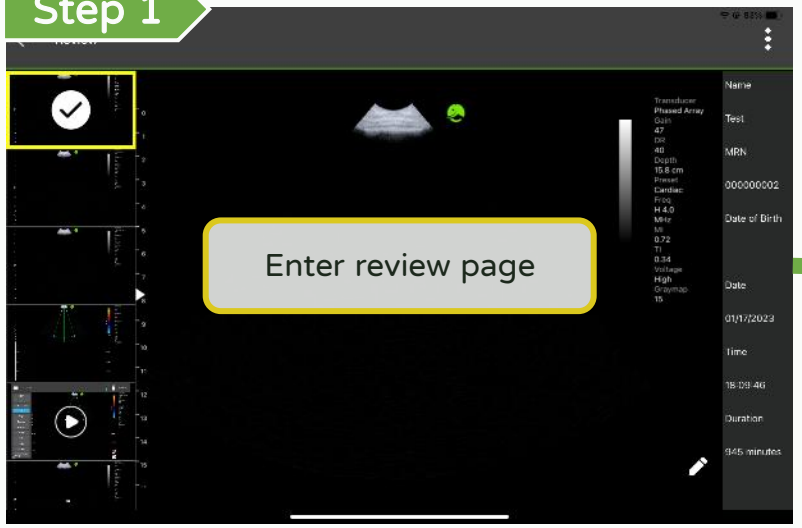
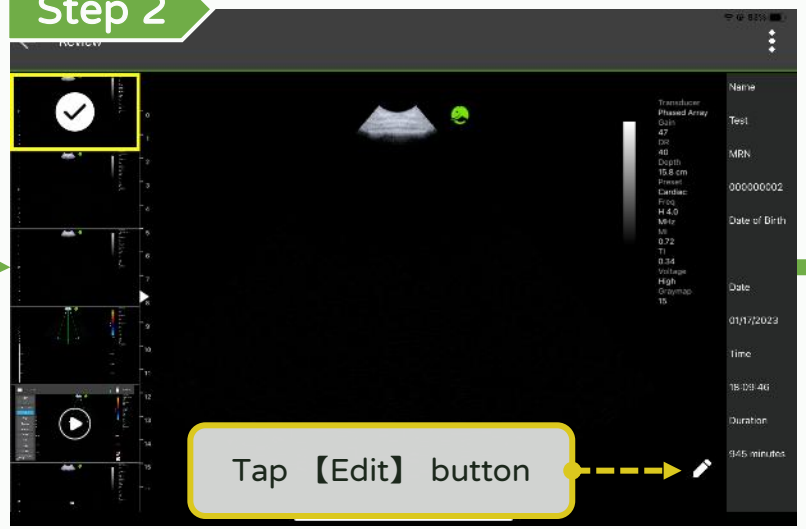
Annotate, measure and save - Re-edited & re-measured image

Step 1

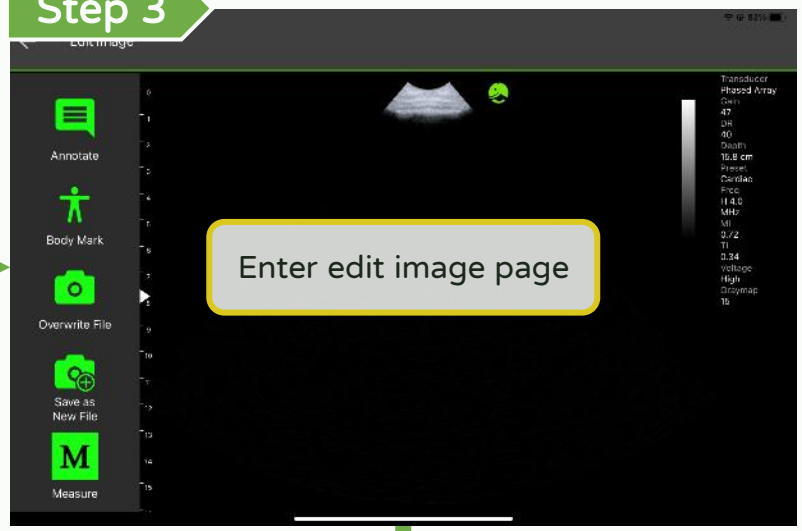


Step 2

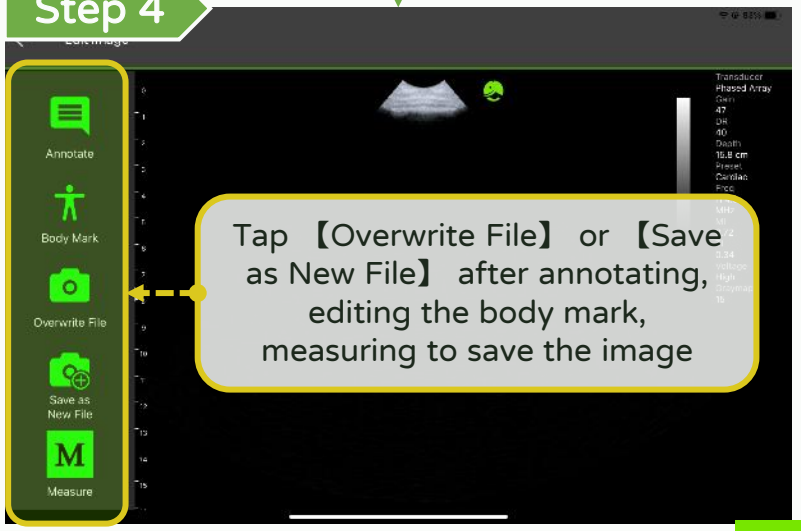


The image should be B mode without specific measurement tools

Step 3



Step 4



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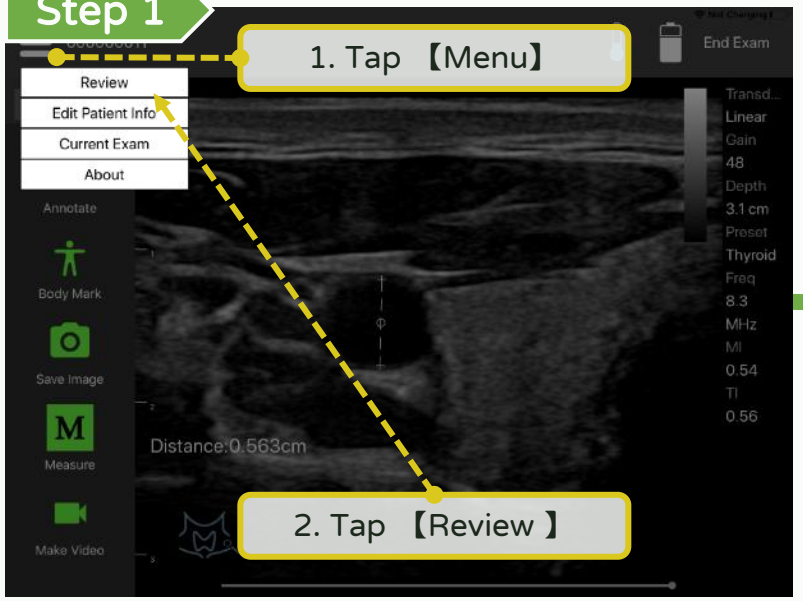
Annotate, measure and save - Export

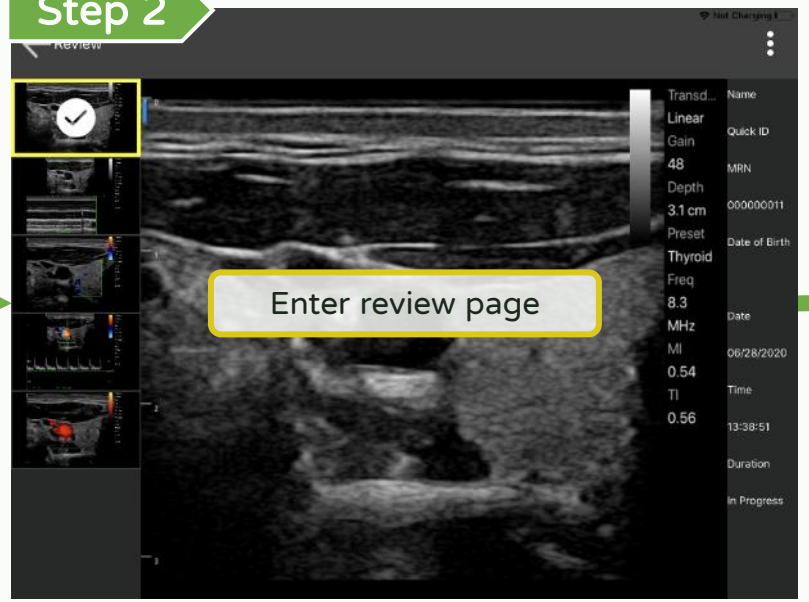
*Please export the files regularly to avoid data loss.

LELTEK

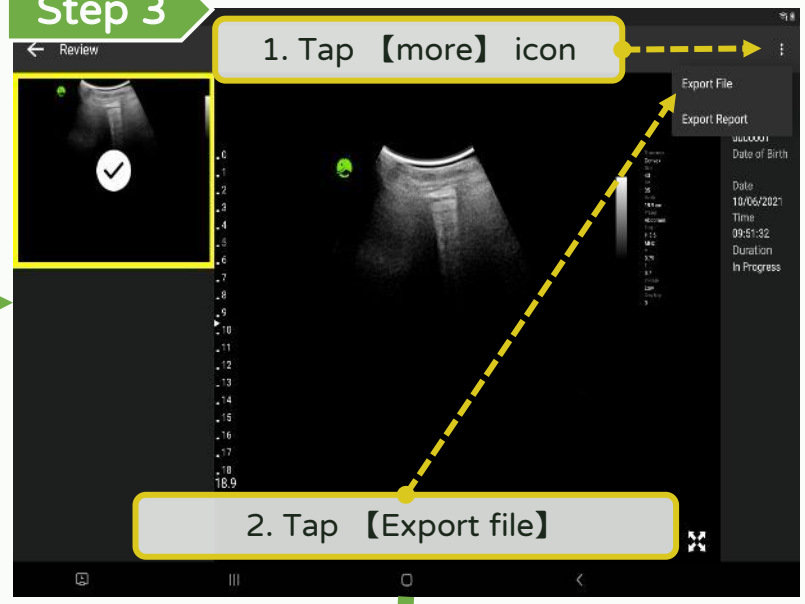
Step 1



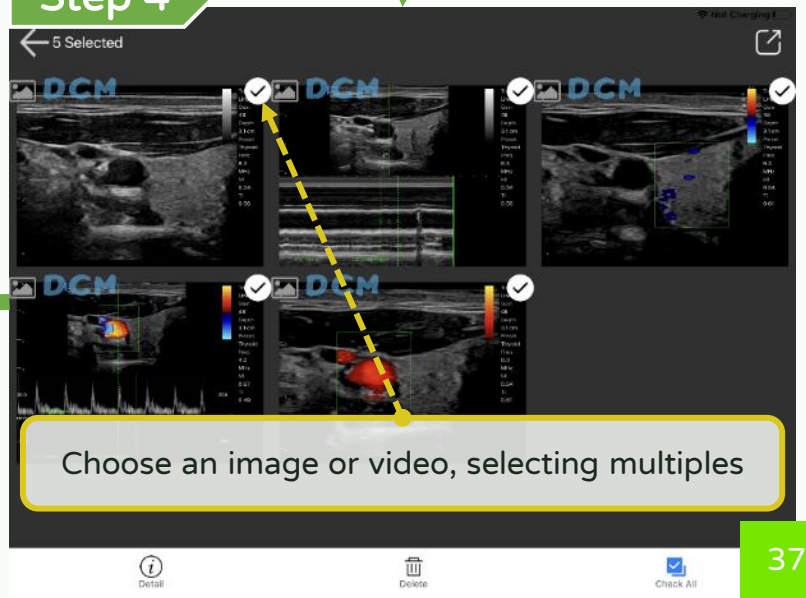
Step 2



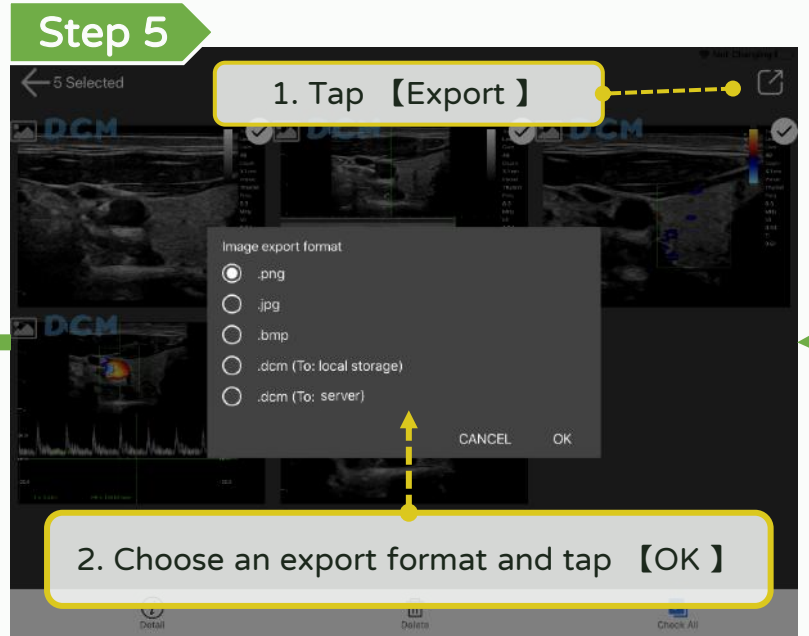
Step 3



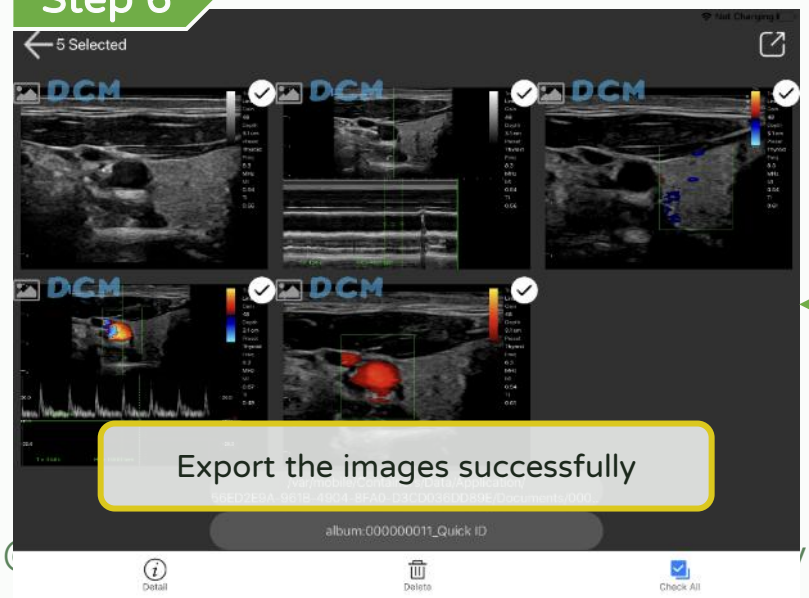
Step 4



Step 5



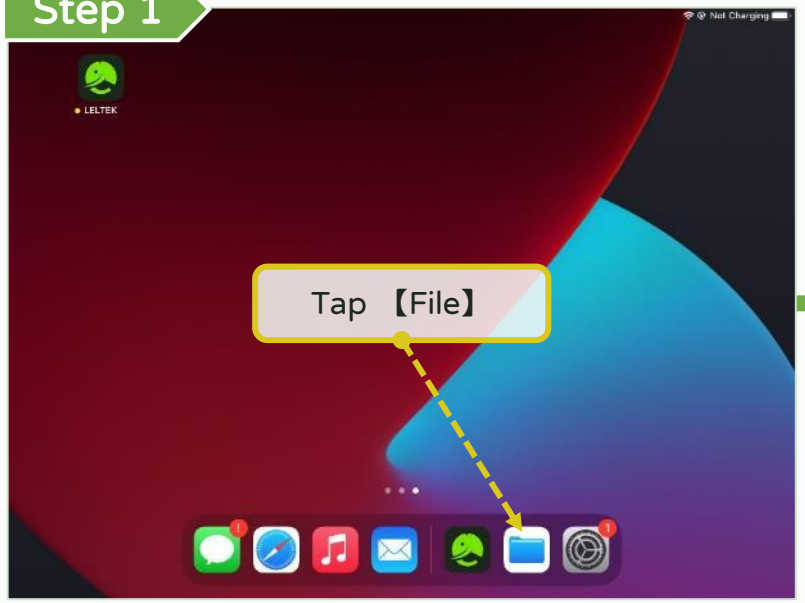
Step 6



Annotate, measure and save - Export path

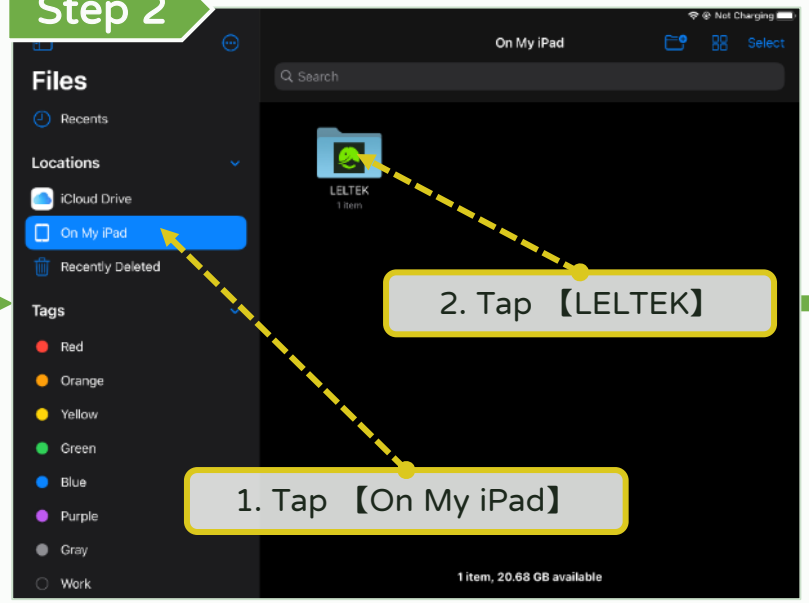
LELTEK

Step 1

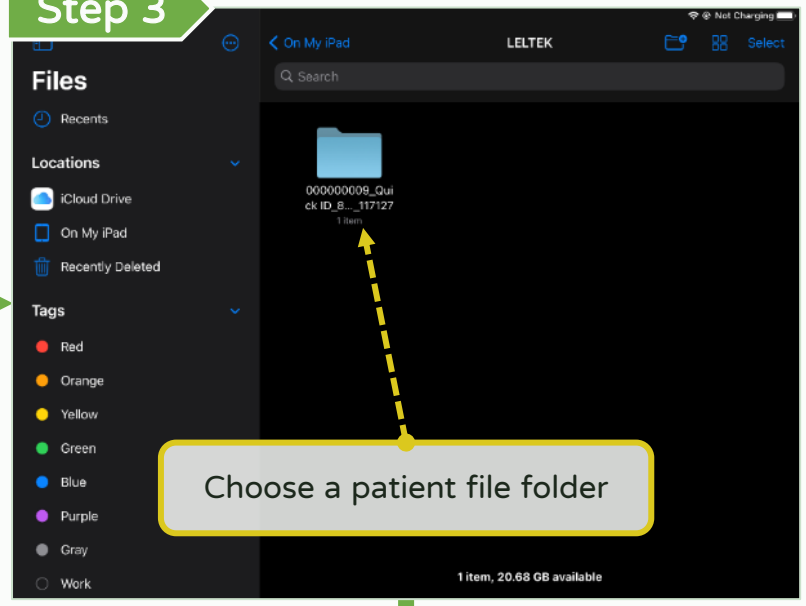


The folder where files are placed in each smart device is different, please refer to the device manual

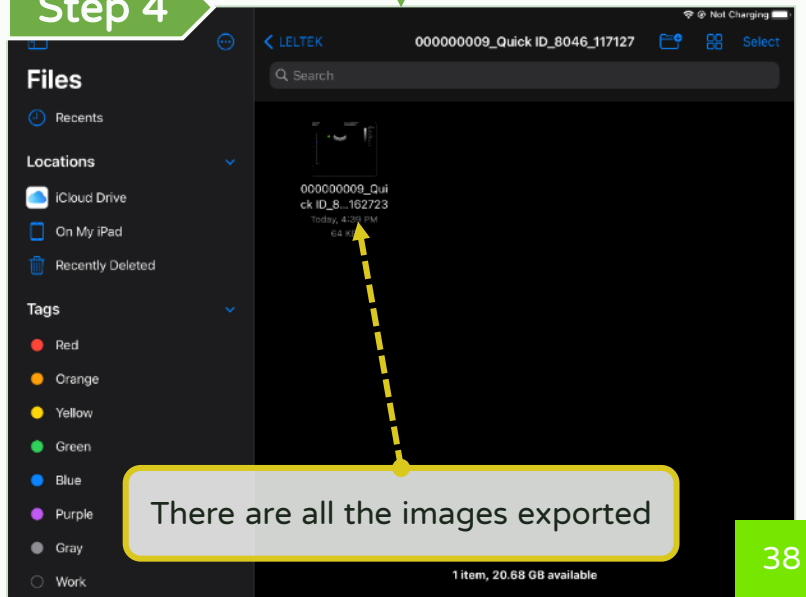
Step 2



Step 3



Step 4



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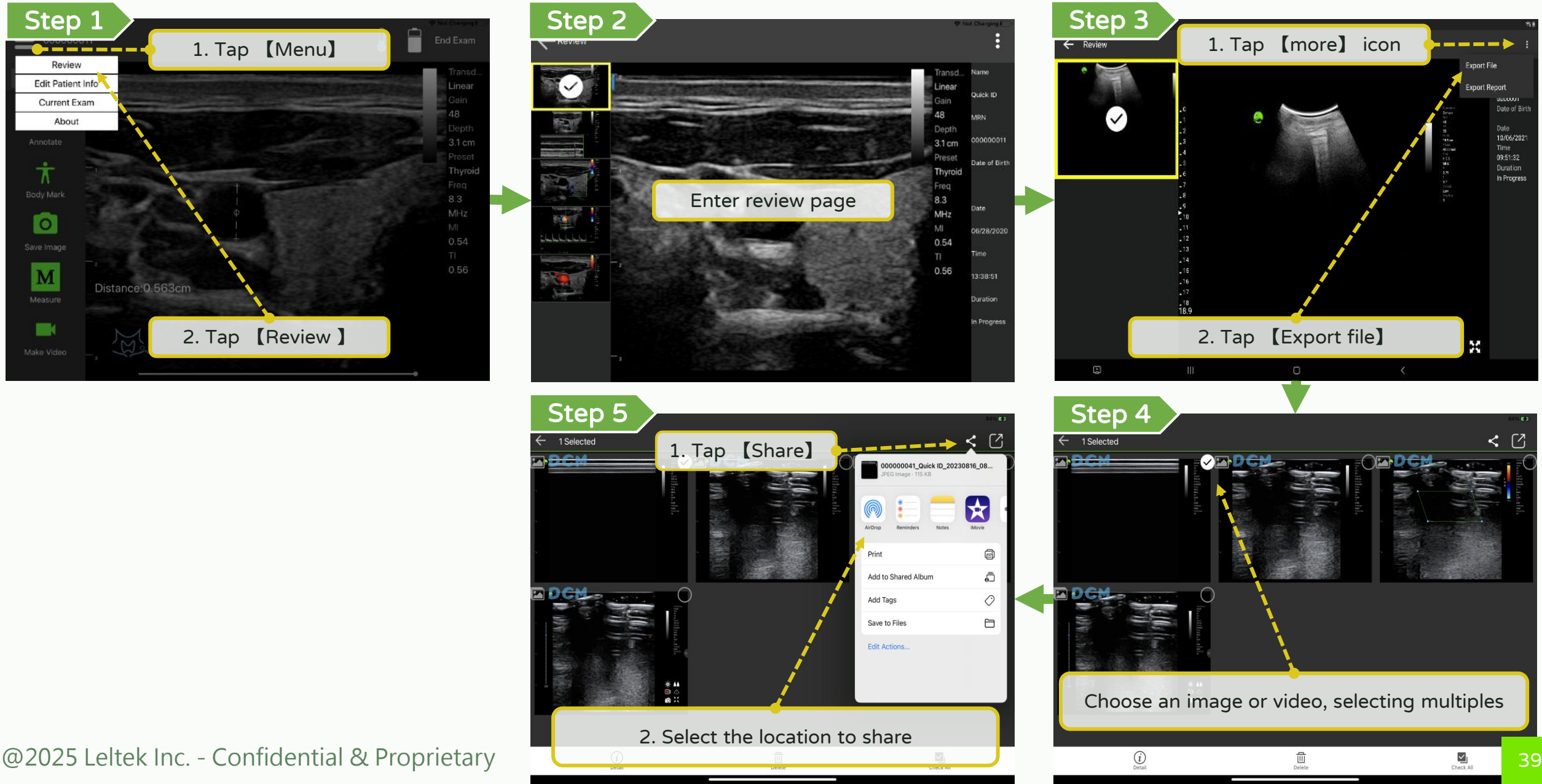
Annotate, measure and save - Share

LELTEK



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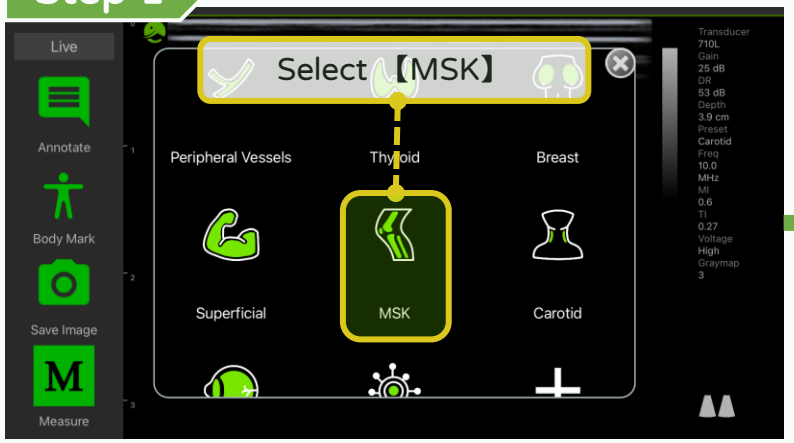
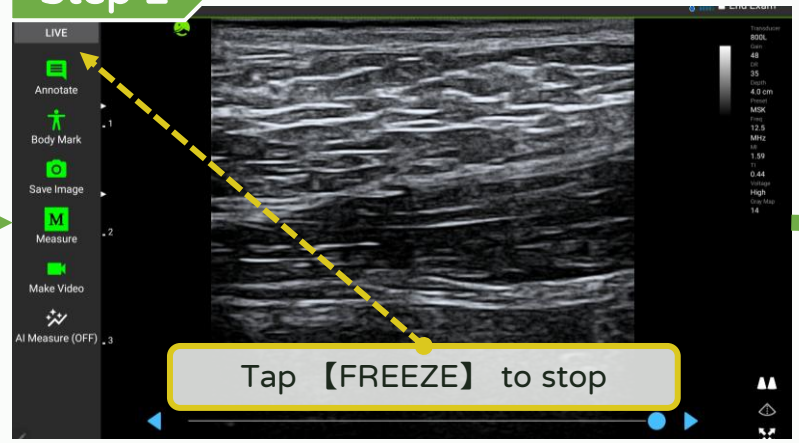
Annotate, measure and save - Auto Measure (Fat)

LELTEK

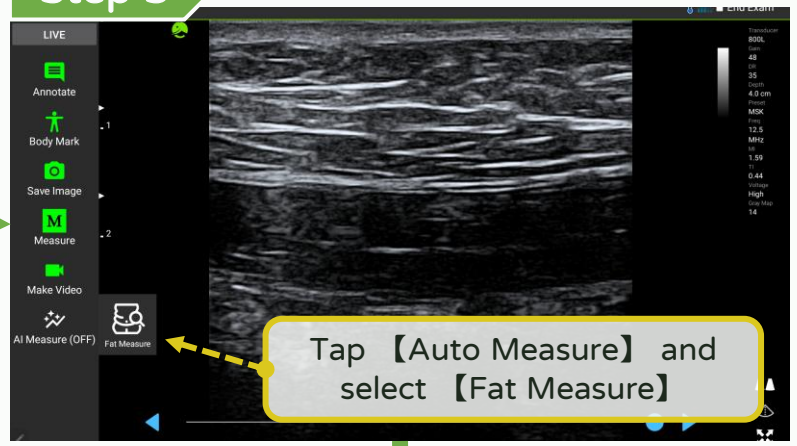
Step 1



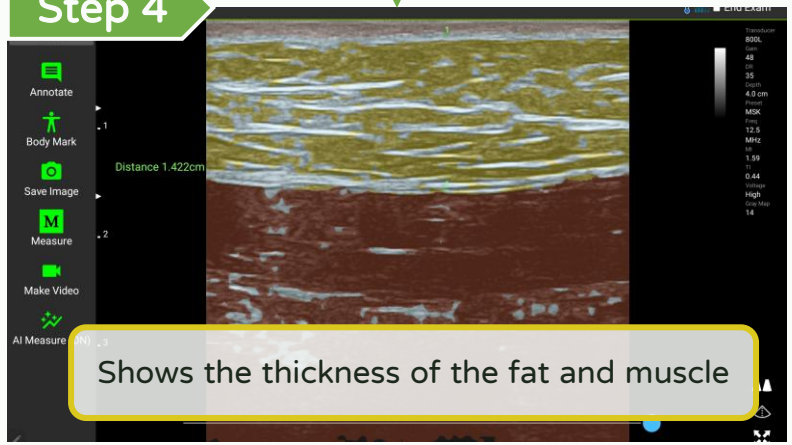
Step 2



Step 3



Step 4



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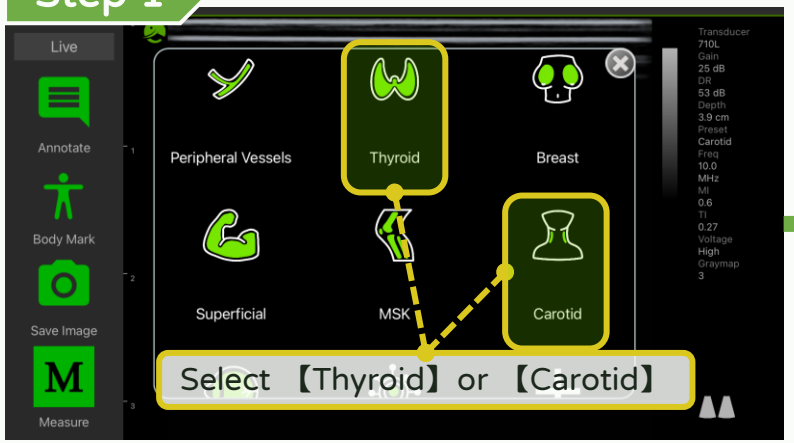
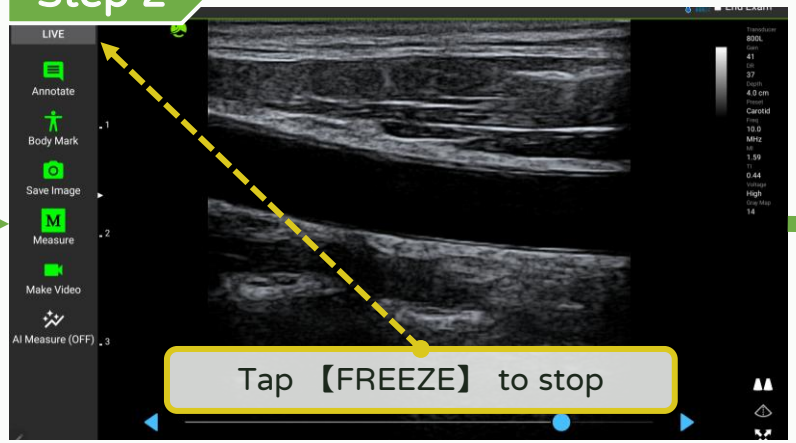
Annotate, measure and save - Auto Measure (IMT)

LELTEK

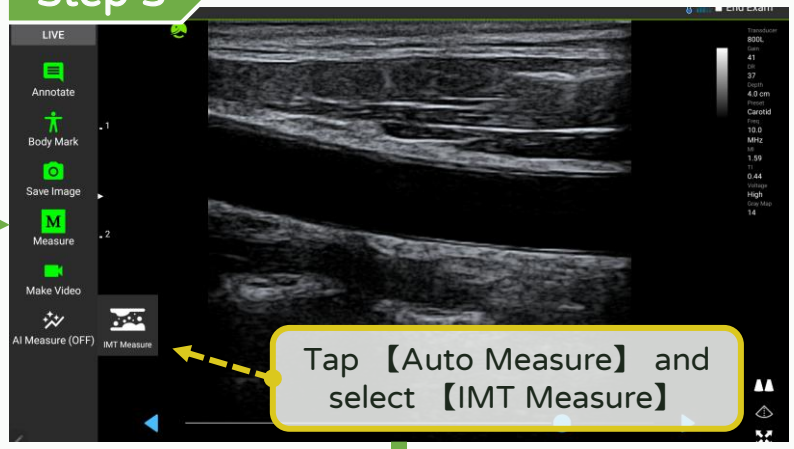
Step 1



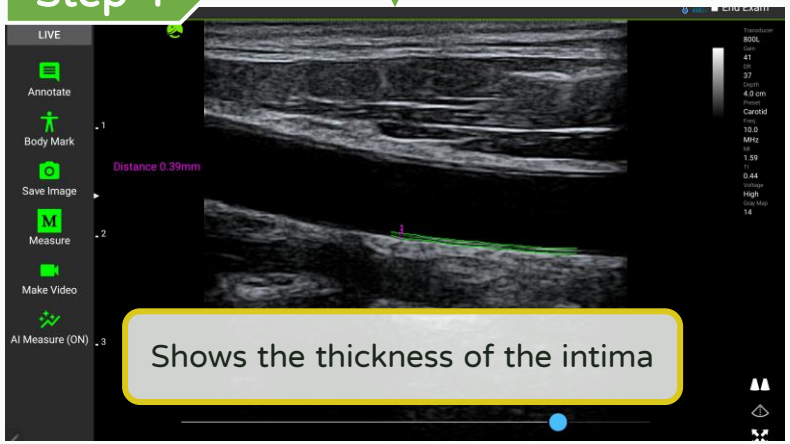
Step 2



Step 3



Step 4



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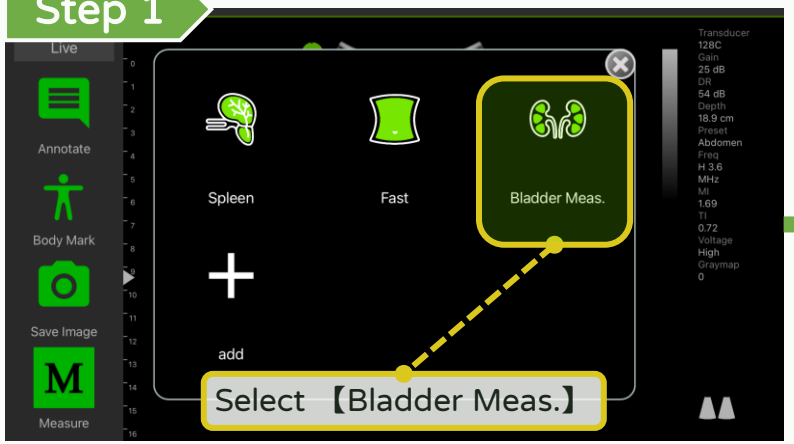
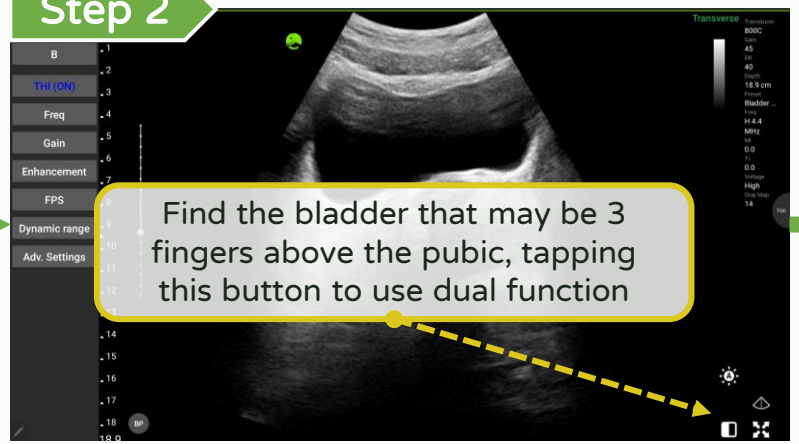
Annotate, measure and save - Auto Measure (Bladder)

LELTEK

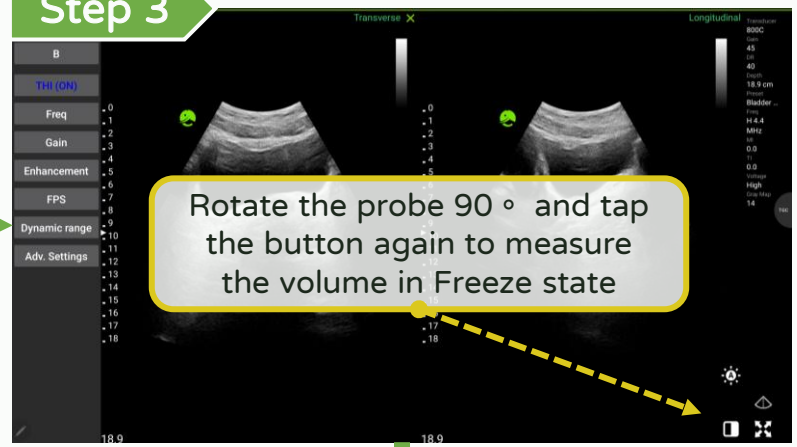
Step 1



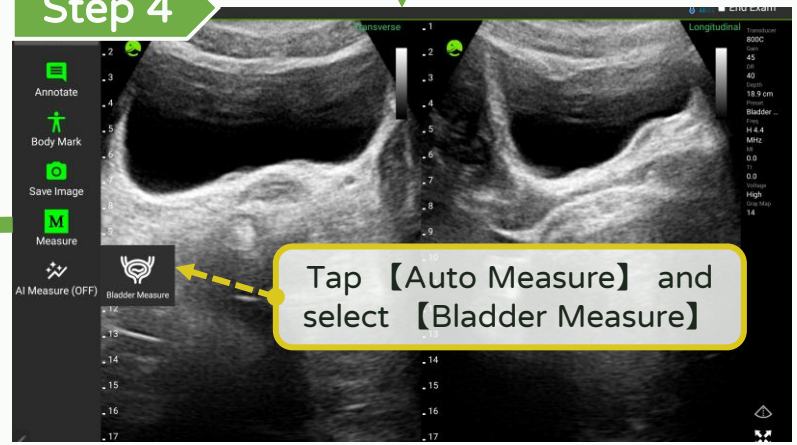
Step 2



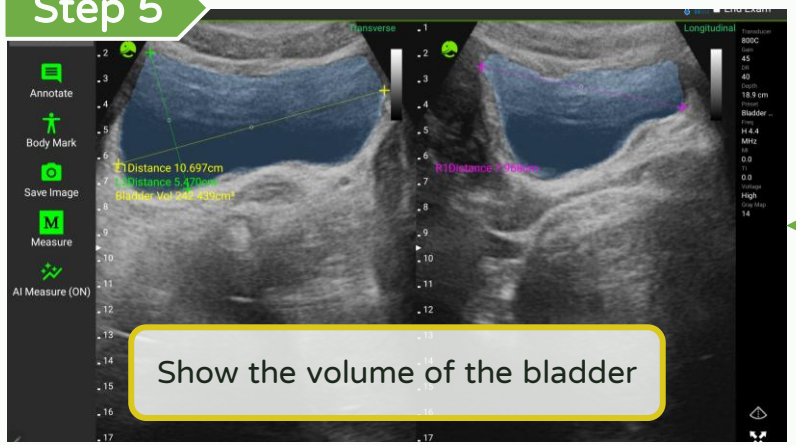
Step 3



Step 4



Step 5



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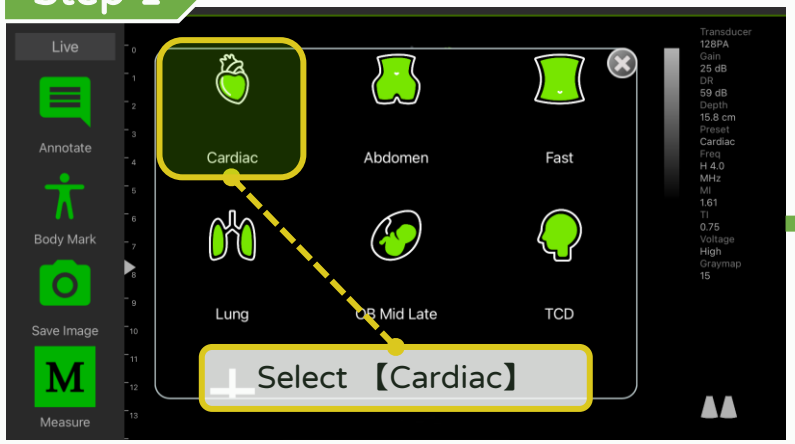
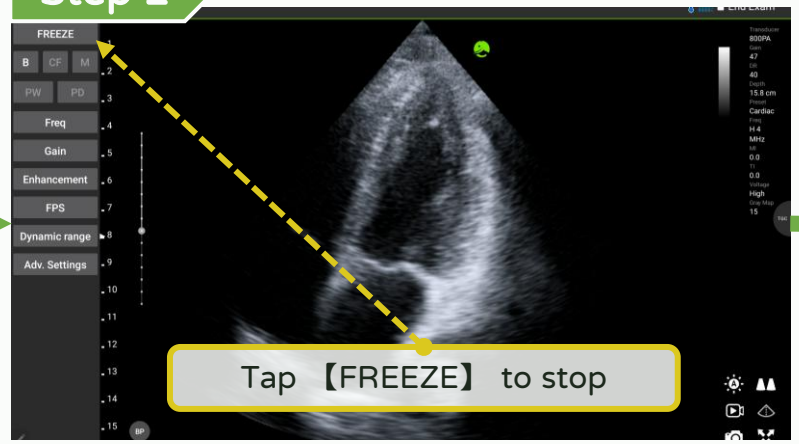
Annotate, measure and save - Auto Measure (EF)

LELTEK

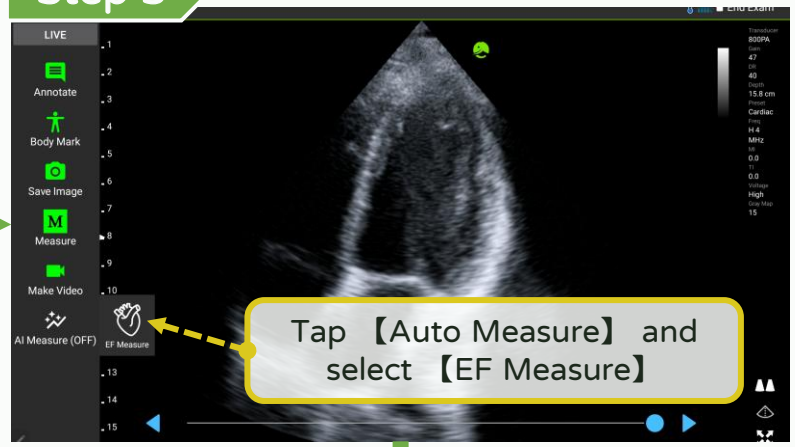
Step 1



Step 2



Step 3



Step 4

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【Dual screen】

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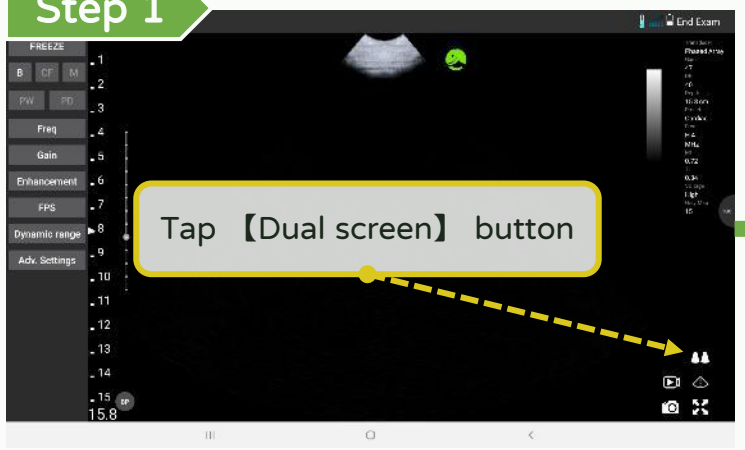
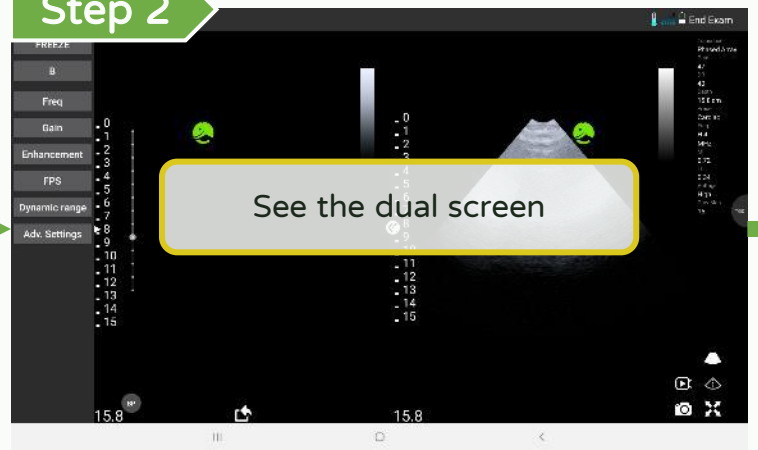
Dual Screen - Turn on / off

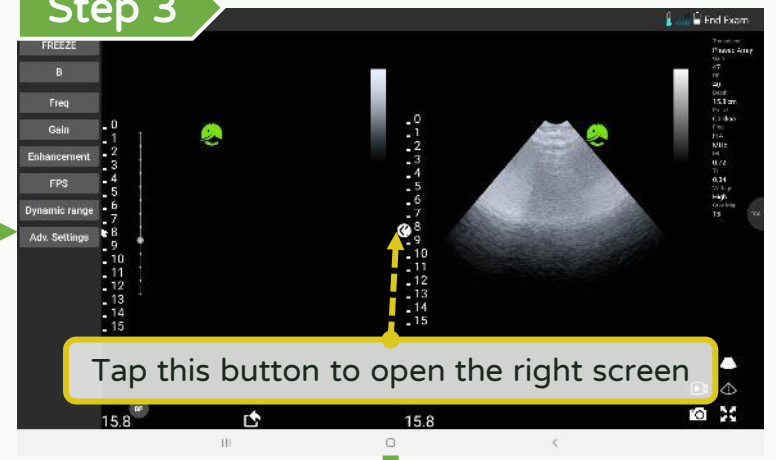
Step 1



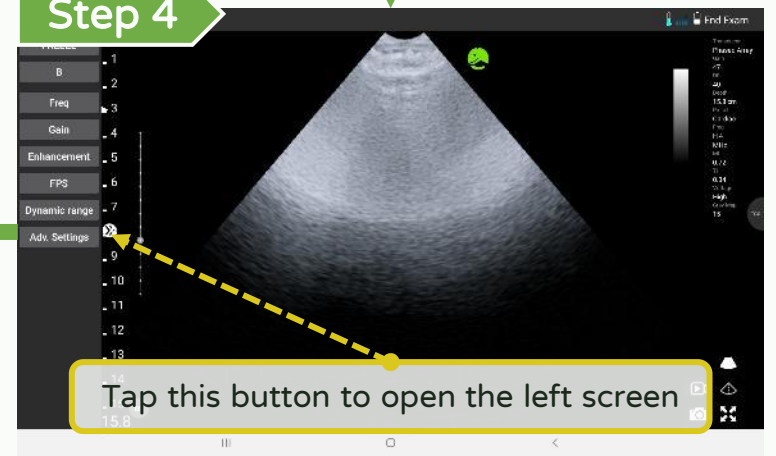
Step 2



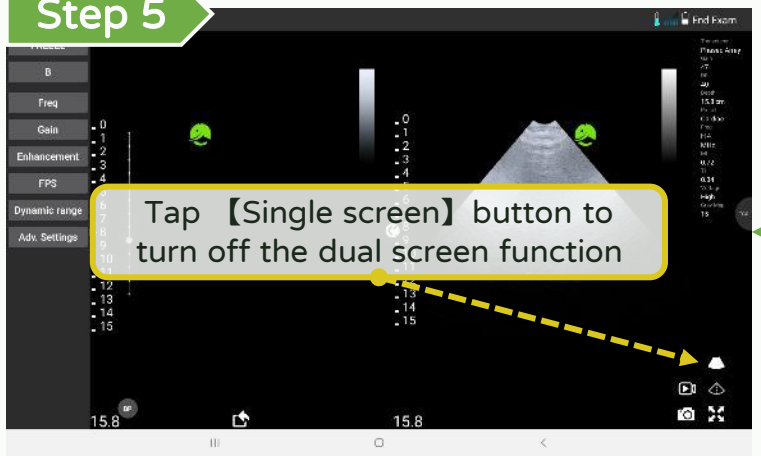
Step 3



Step 4



Step 5



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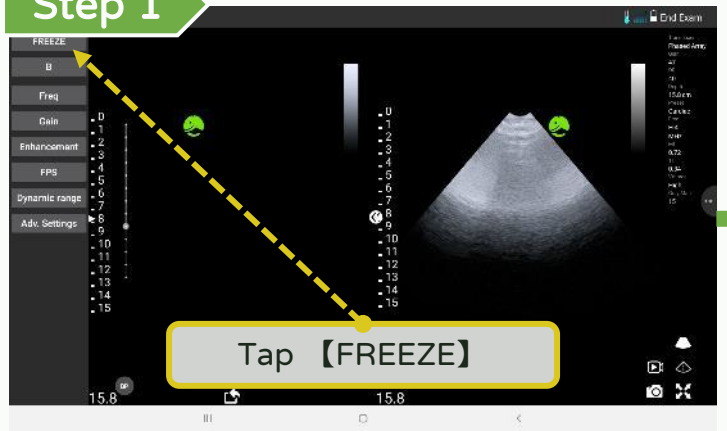
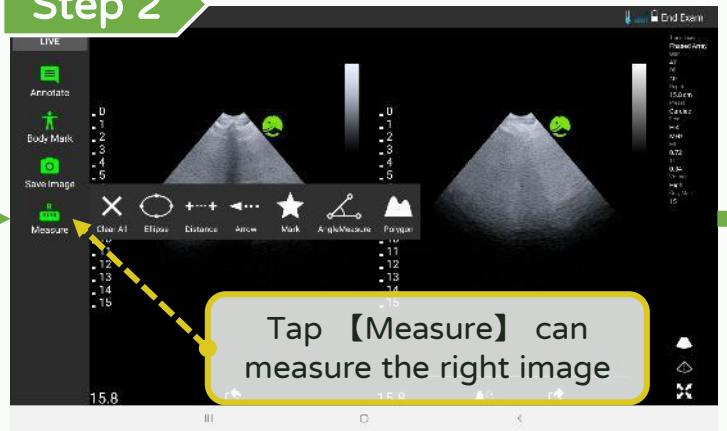
Dual Screen - Measure and export the current image

LELTEK

Step 1

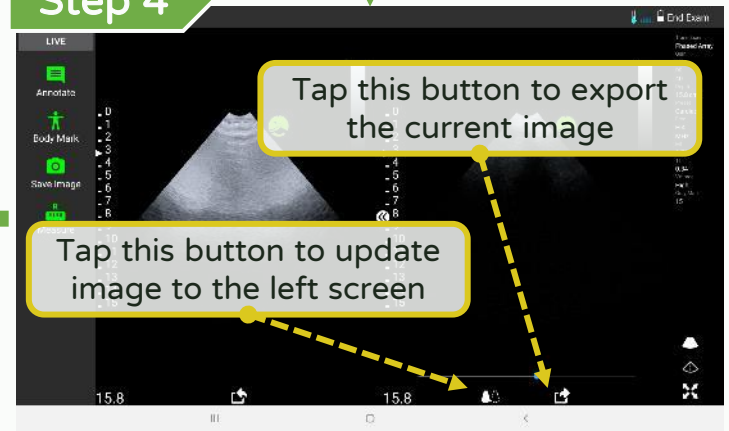


Step 2



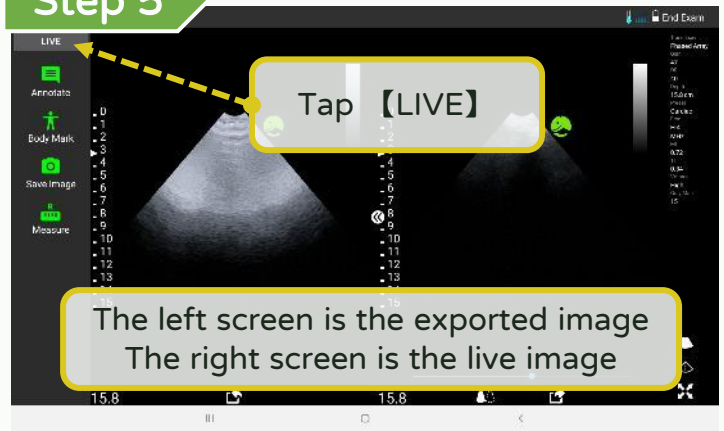
Step 3

Step 4



How to check the exported images, please refer to P.46

Step 5



The detail of importing the image, please refer to the P.45

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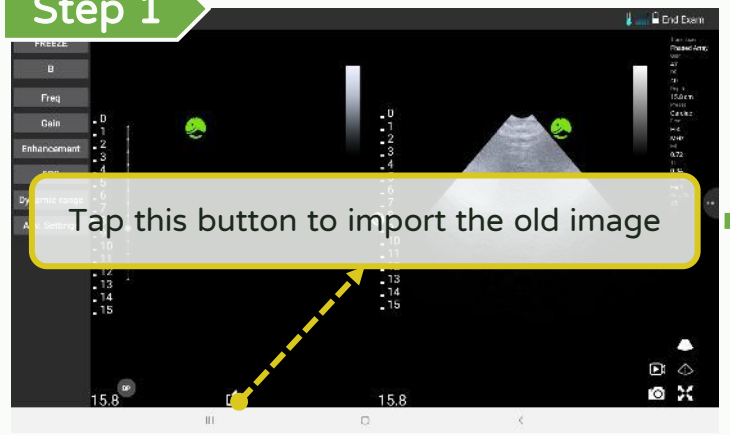
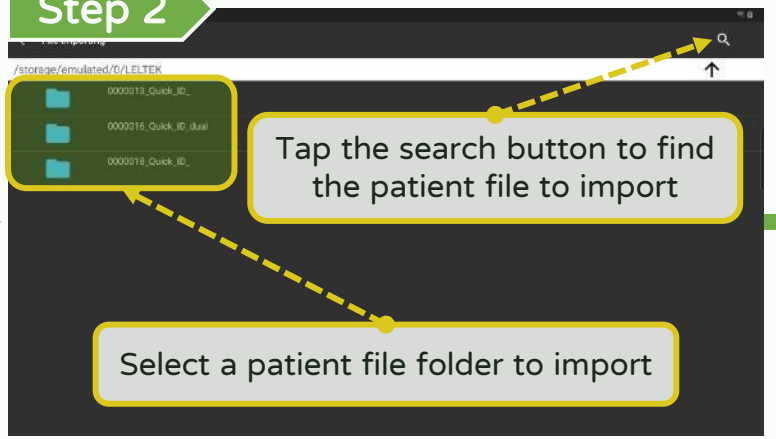
Dual Screen - Import the old image

LELTEK

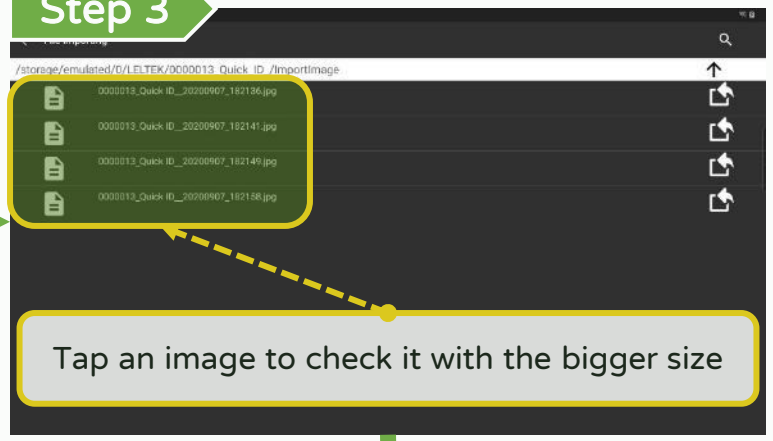
Step 1



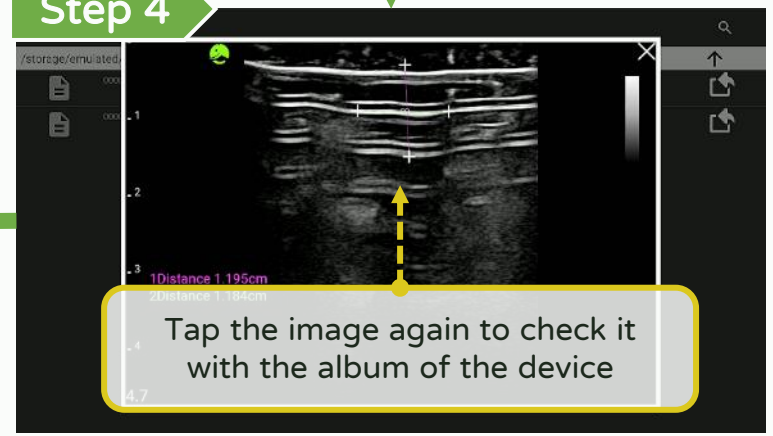
Step 2



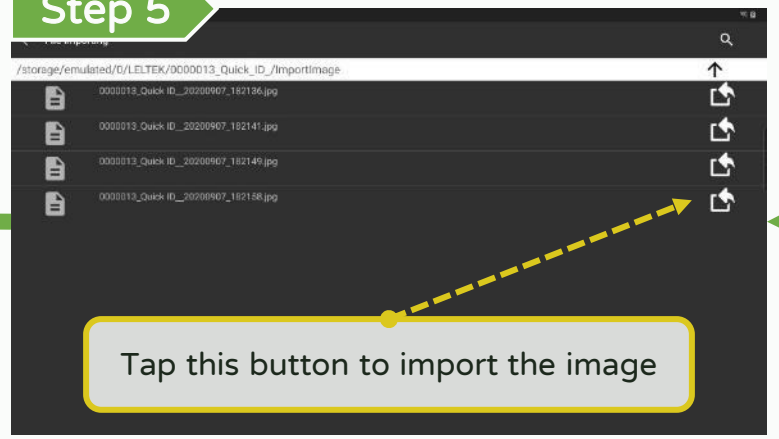
Step 3



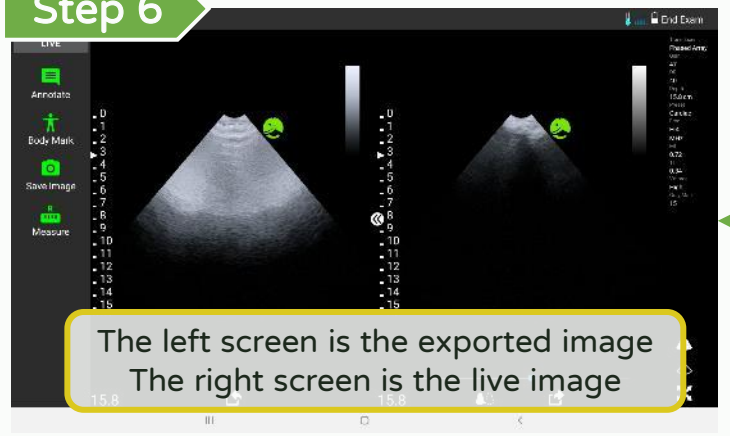
Step 4



Step 5



Step 6



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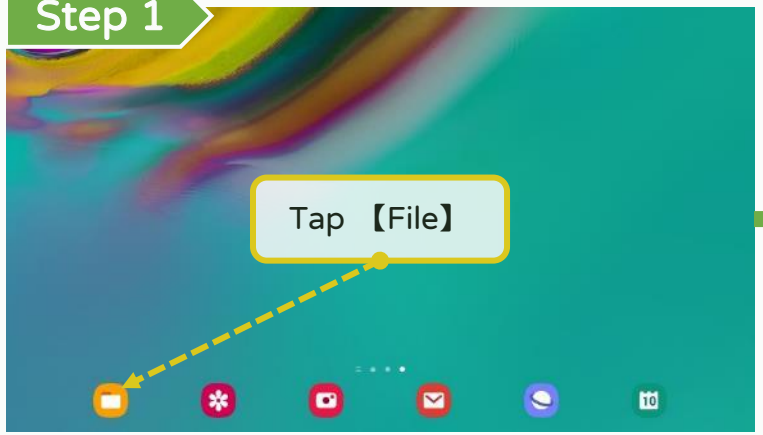
Dual Screen - Check the image exported

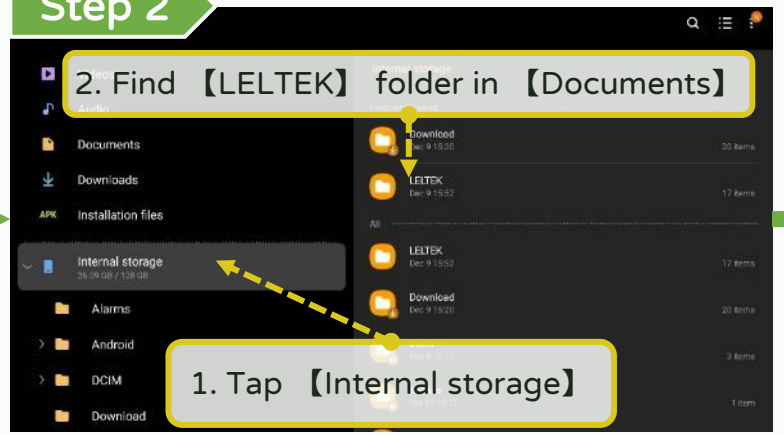
LELTEK

Step 1

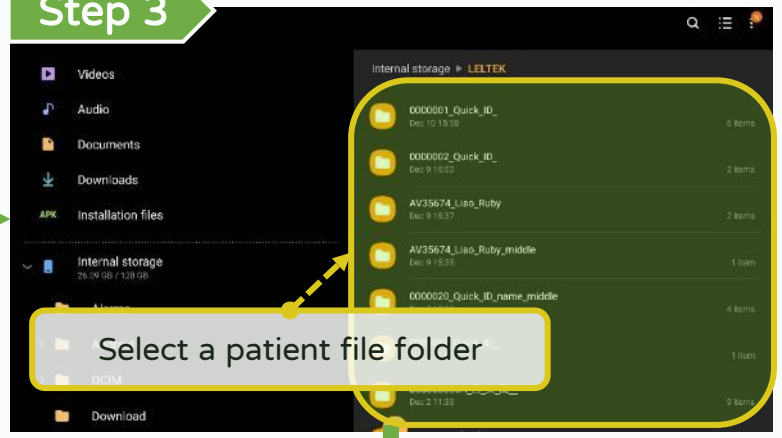


The folder where files are placed in each smart device is different, please refer to the device manual

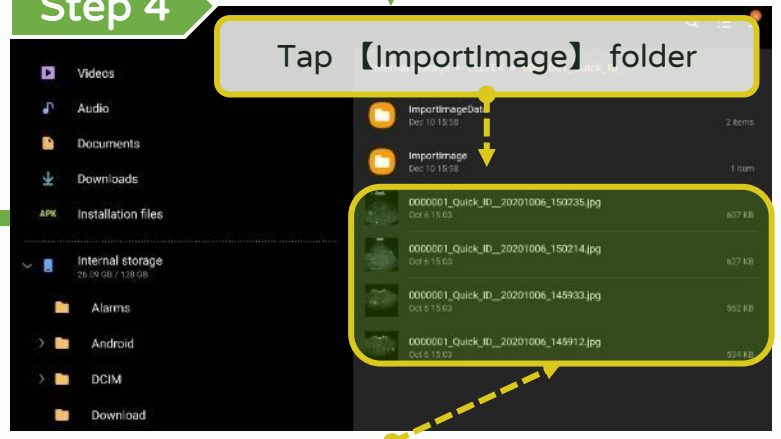
Step 2



Step 3

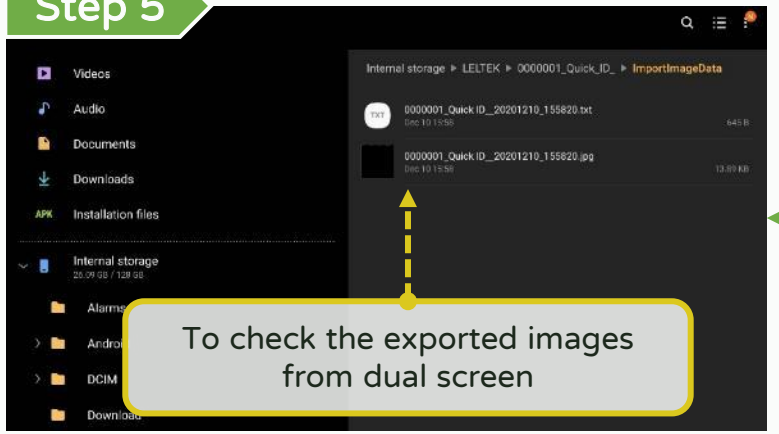


Step 4



The exported images from【Export file】 cannot be imported to dual screen

Step 5



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【 DICOM support 】

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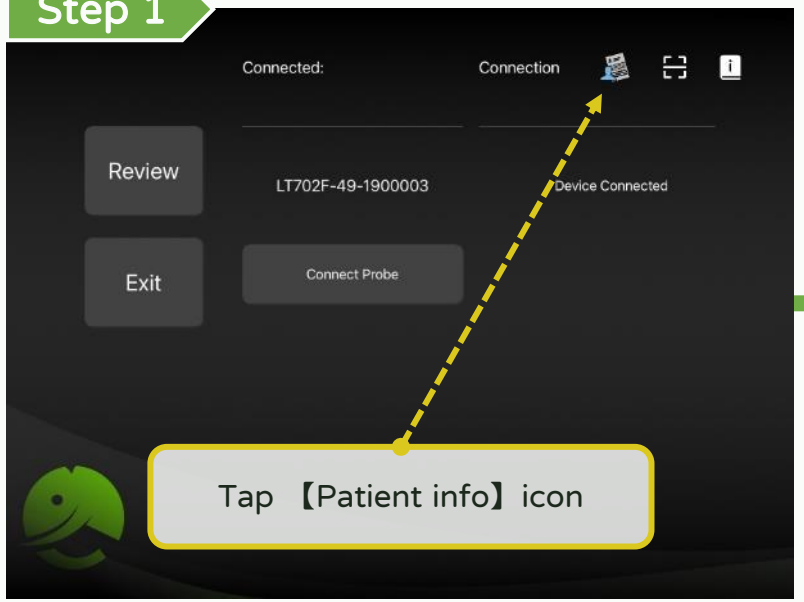
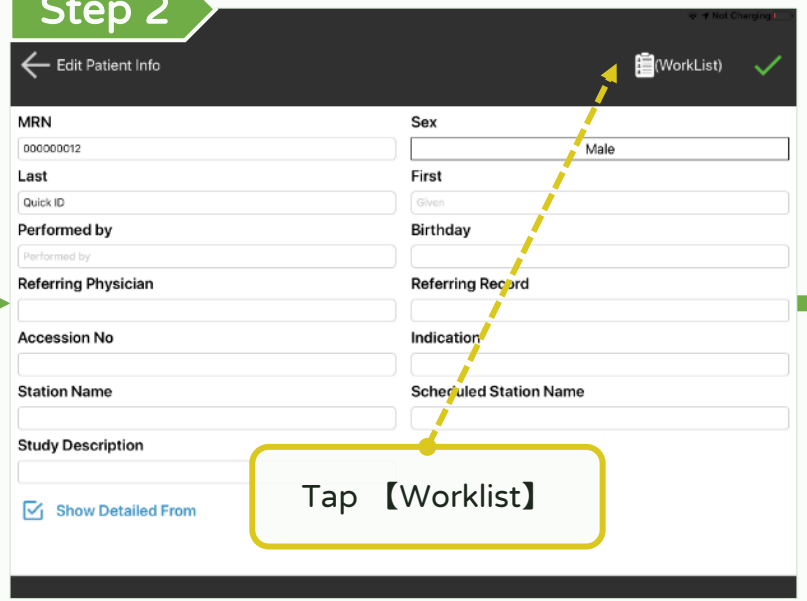
DICOM support - Download worklist (1/2)

LELTEK

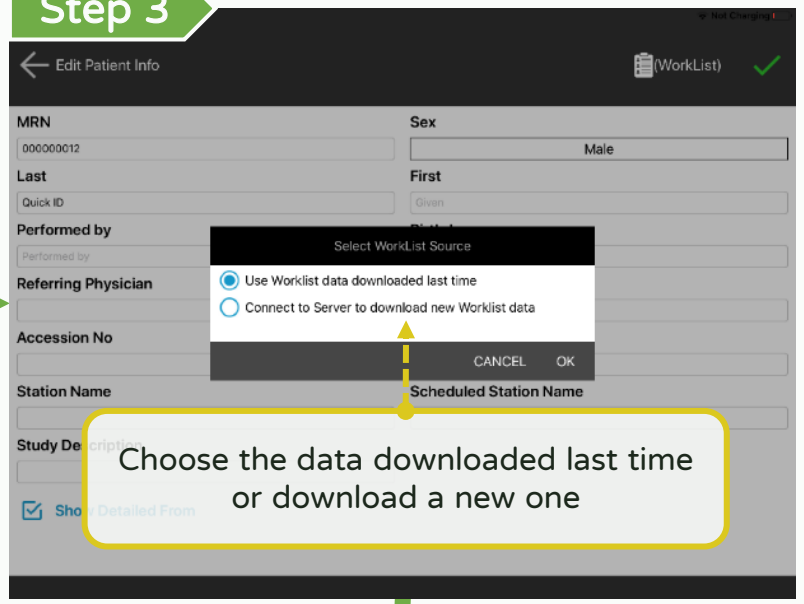
Step 1



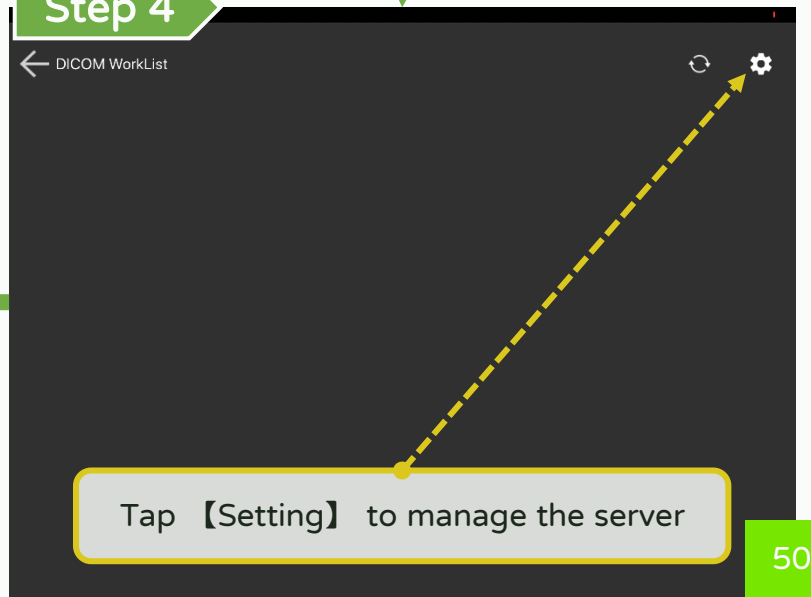
Step 2



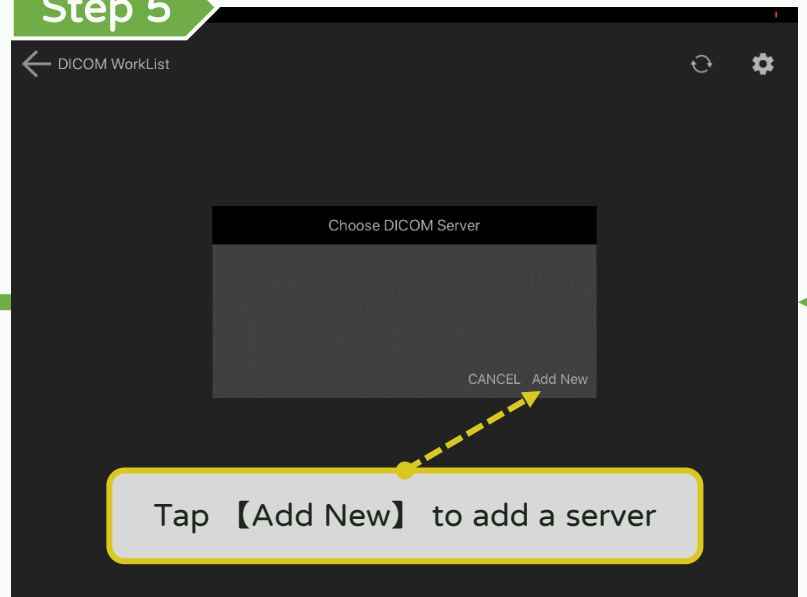
Step 3



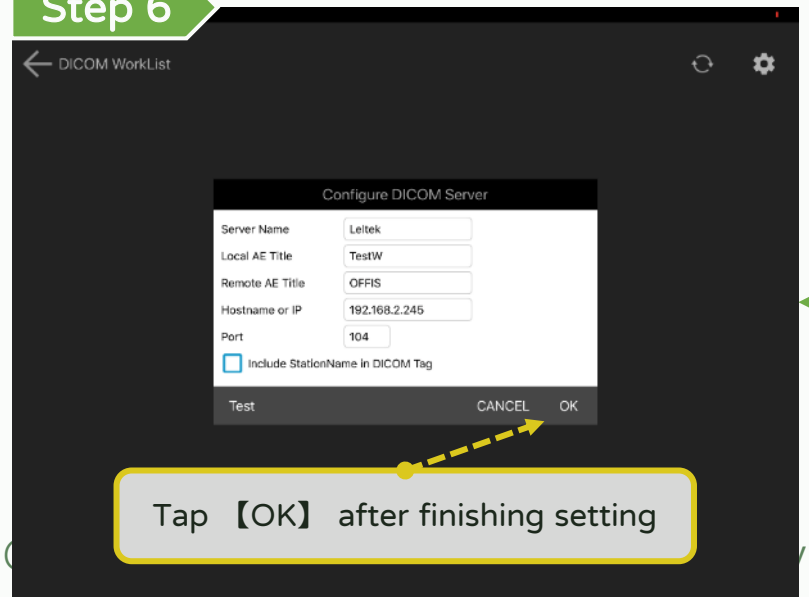
Step 4



Step 5



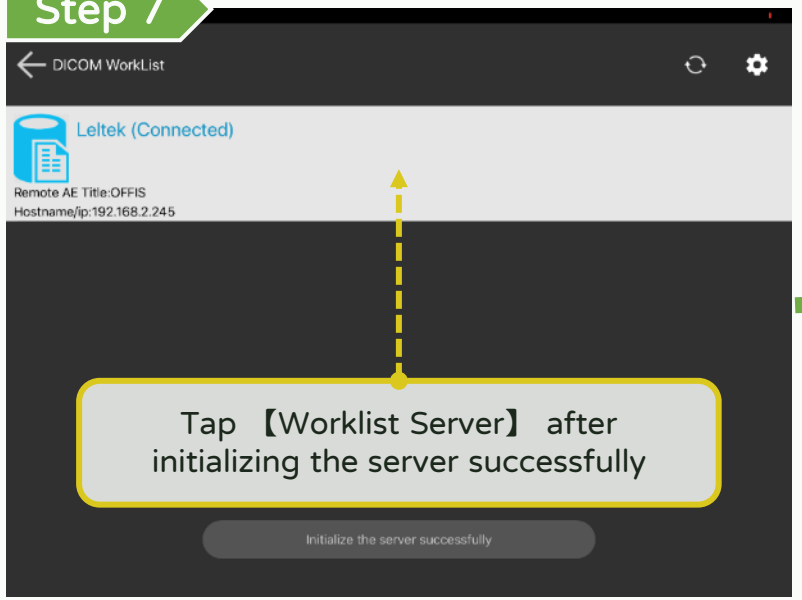
Step 6



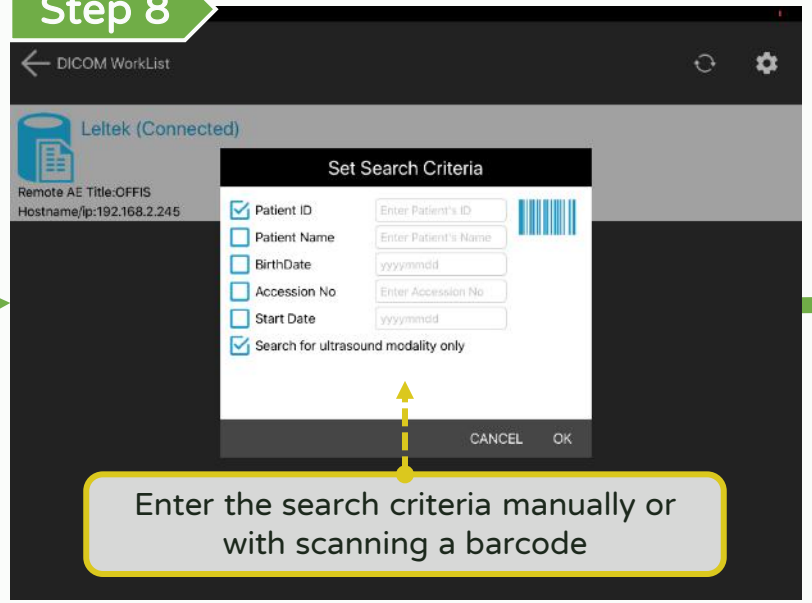
DICOM support - Download worklist (2/2)

LELTEK

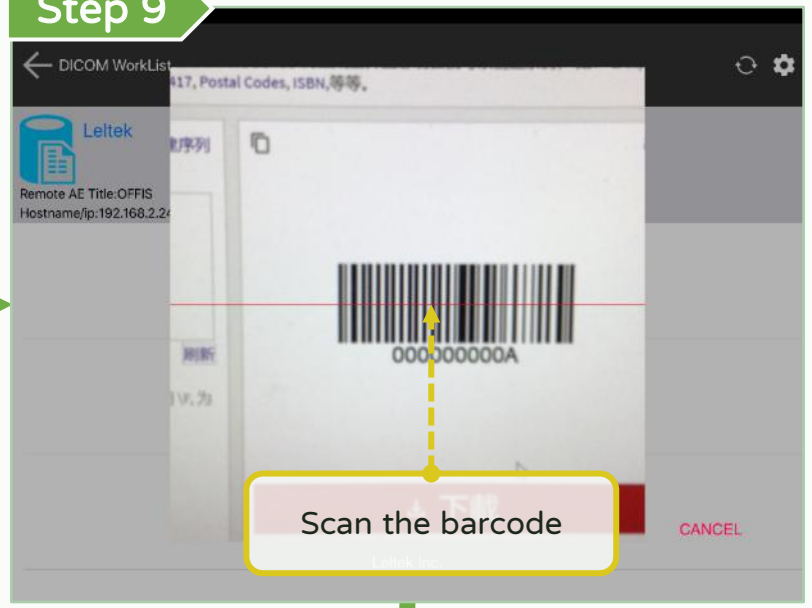
Step 7



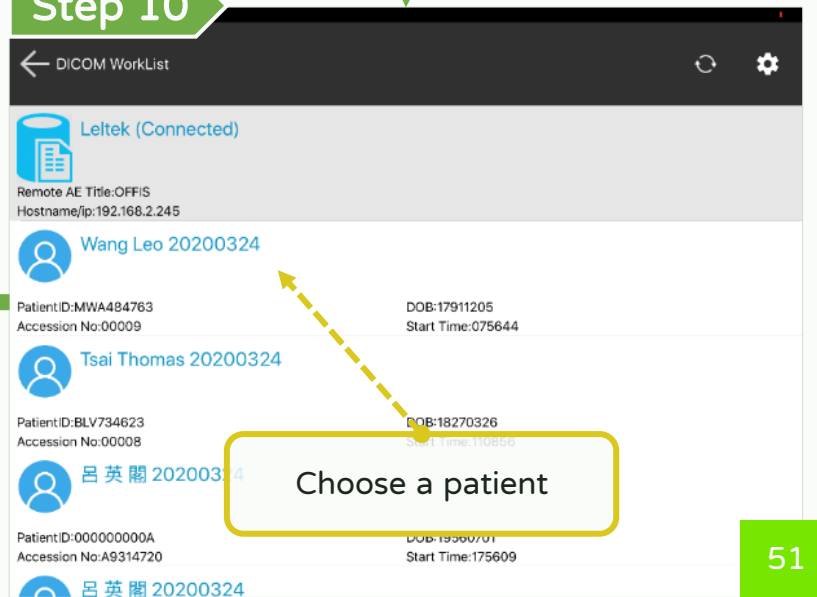
Step 8



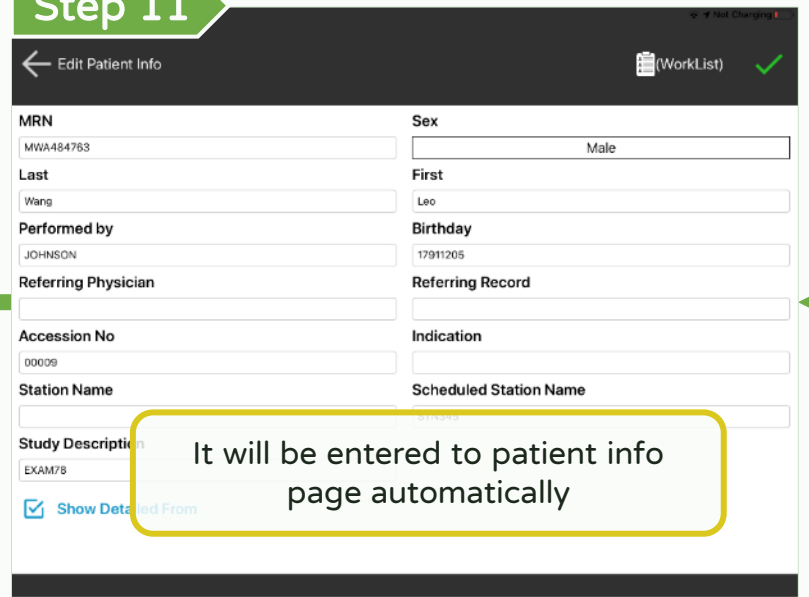
Step 9



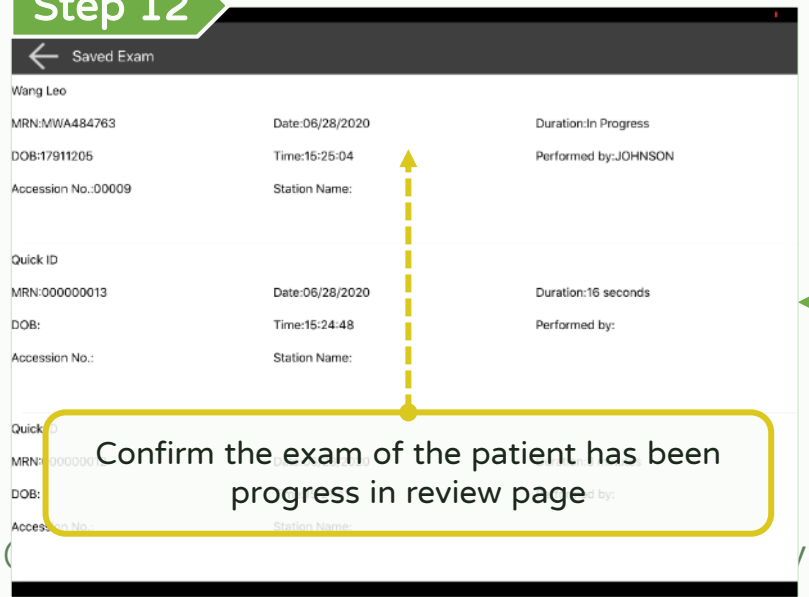
Step 10



Step 11



Step 12

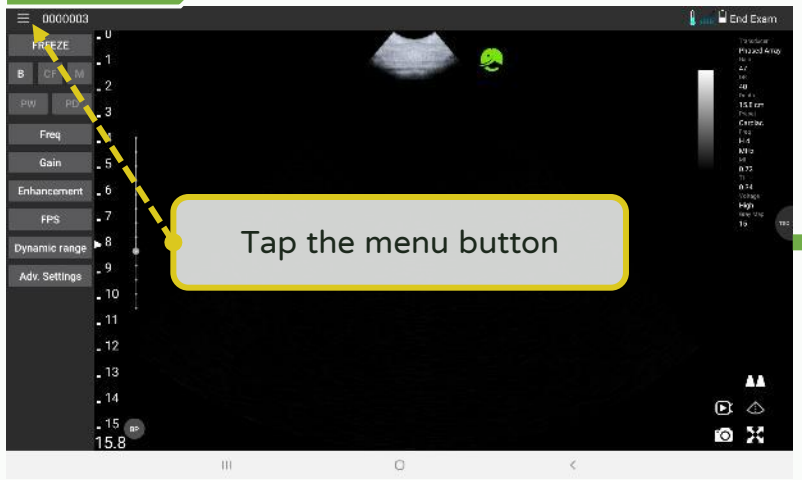


DICOM support - Make multi-frame DICOM

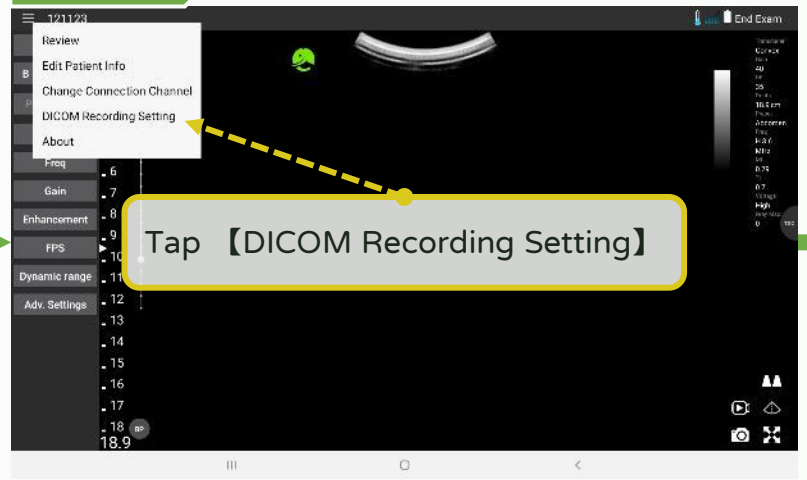
*Optional function

LELTEK

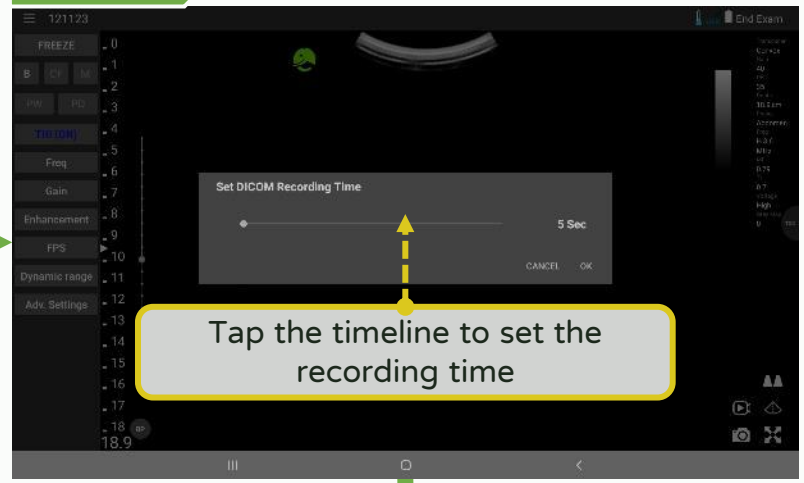
Step 1



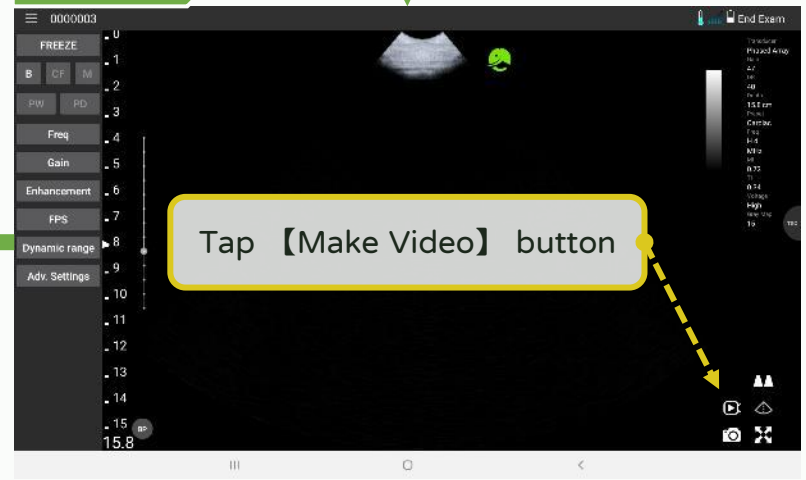
Step 2



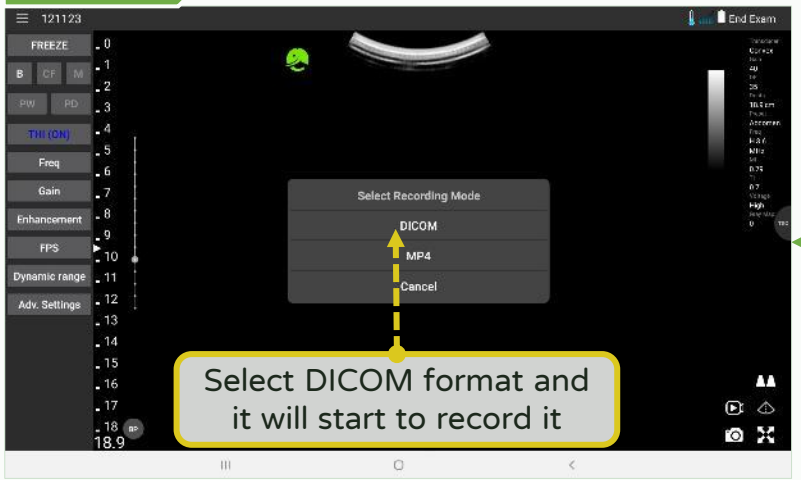
Step 3



Step 4



Step 5



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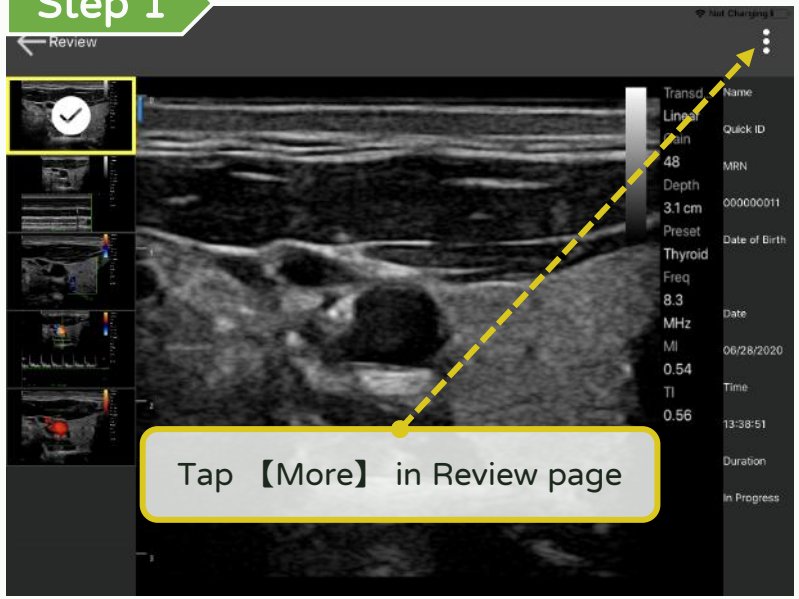
DICOM support - Upload DICOM file (1/2)

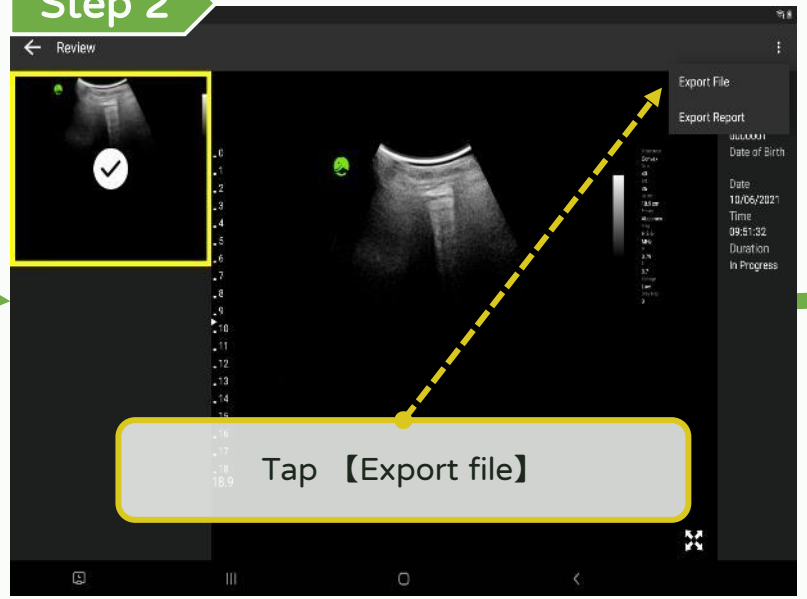
*Optional function

LELTEK

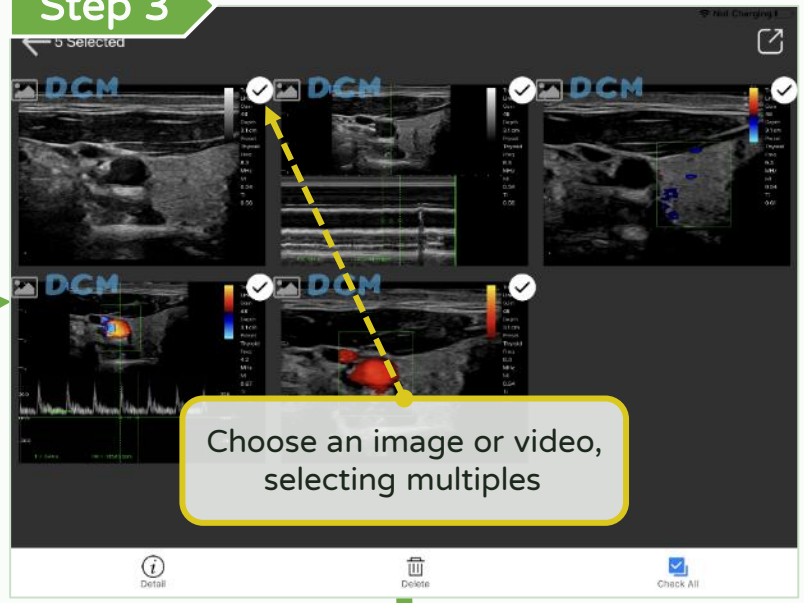
Step 1



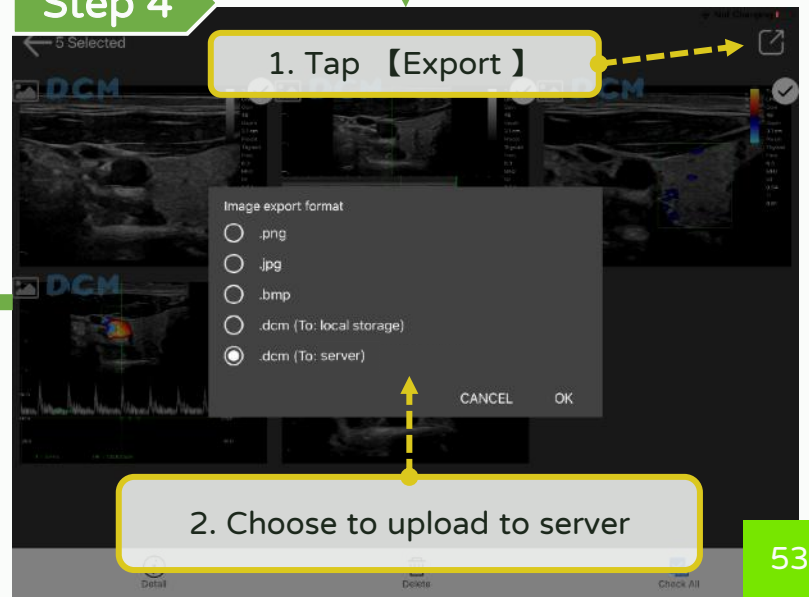
Step 2



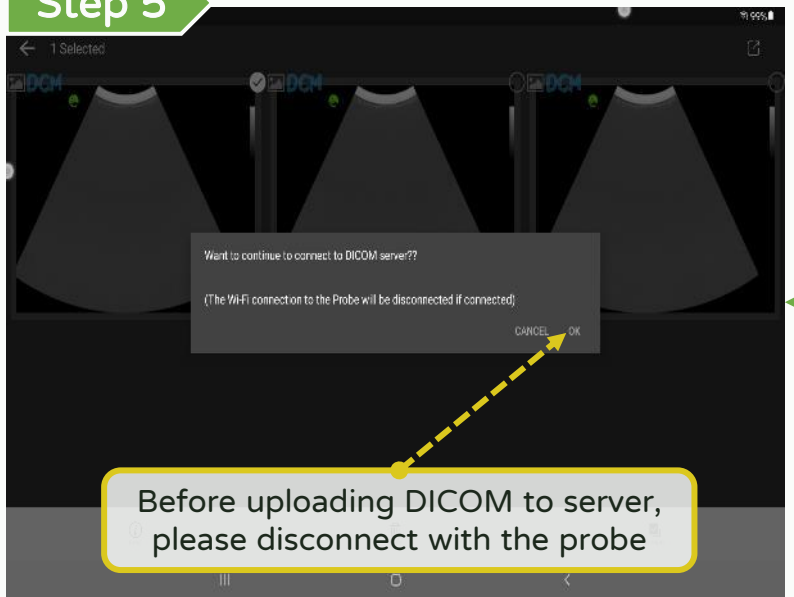
Step 3



Step 4



Step 5



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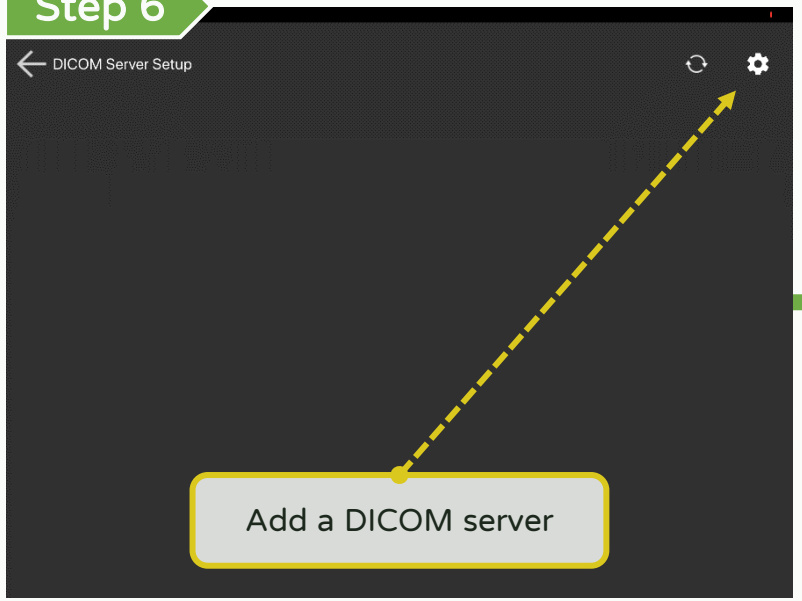
DICOM support - Upload DICOM file (2/2)

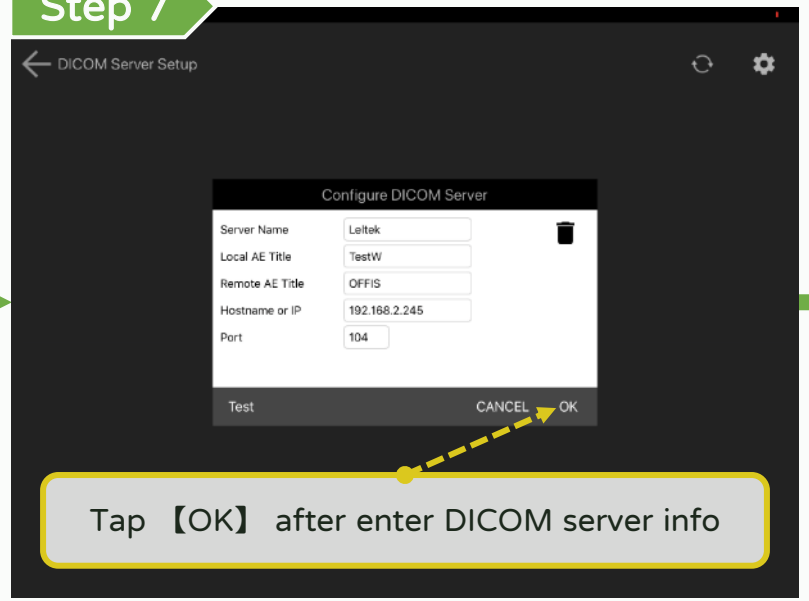
*Optional function

LELTEK

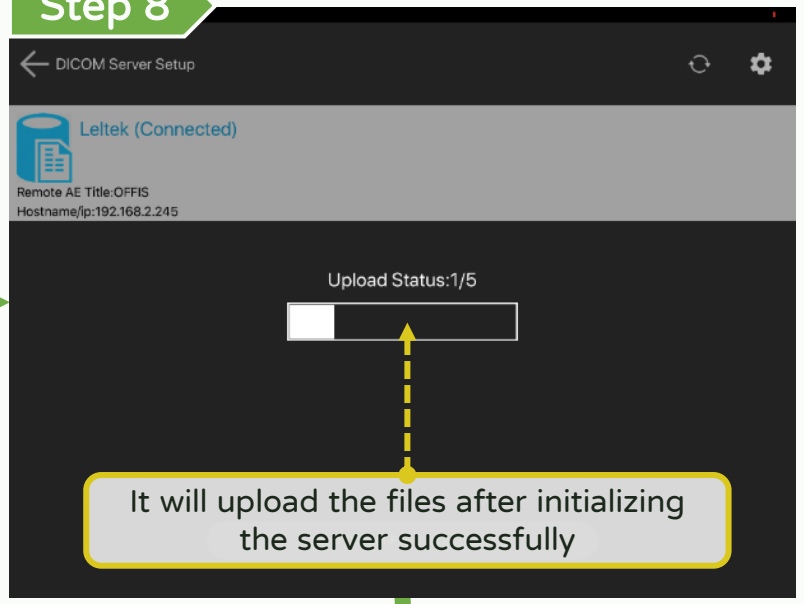
Step 6



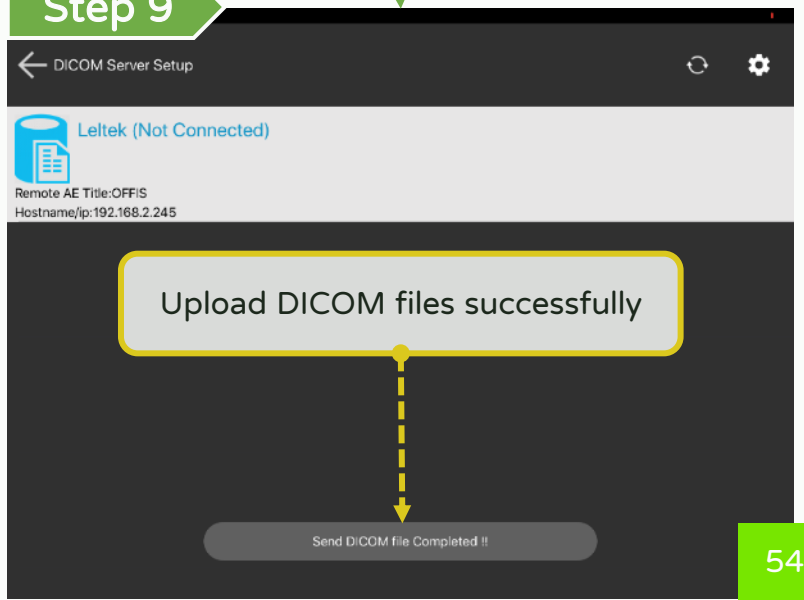
Step 7



Step 8



Step 9



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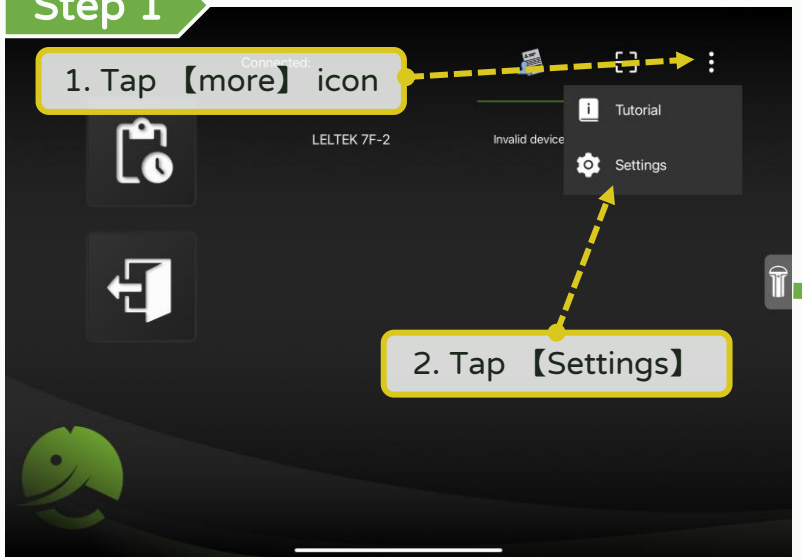
DICOM support – Fast DICOM file upload

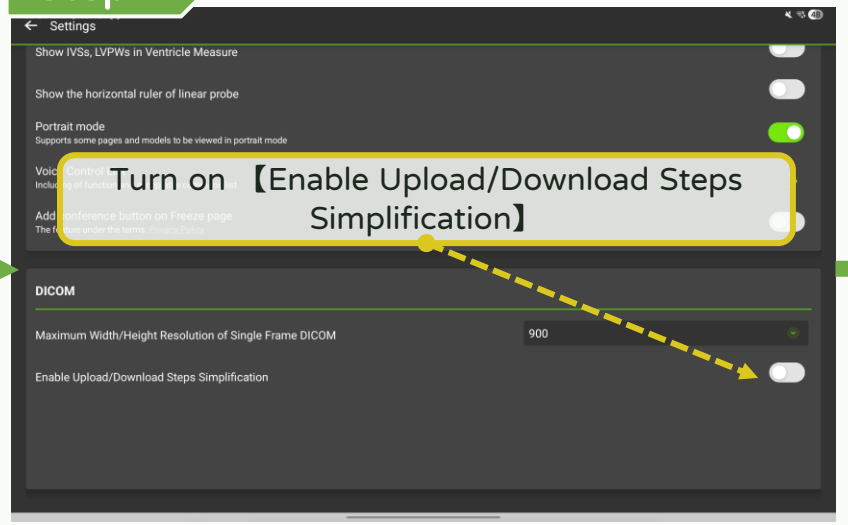
*Optional function

LELTEK

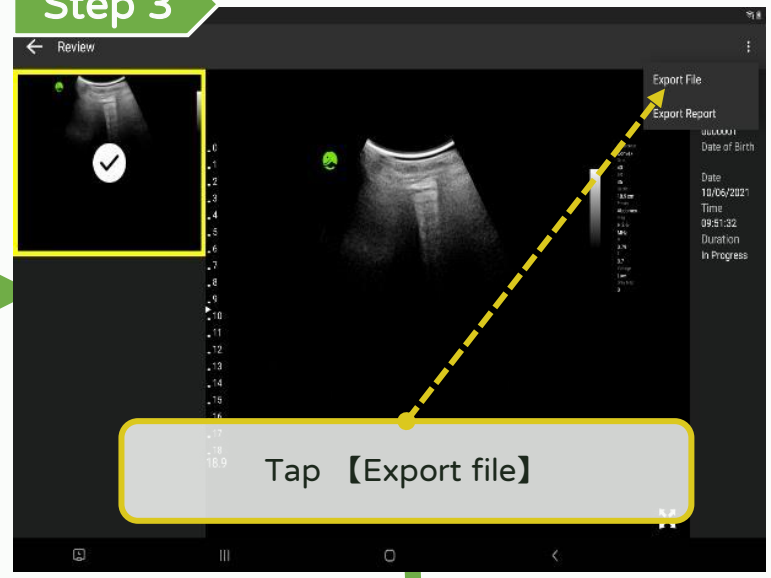
Step 1



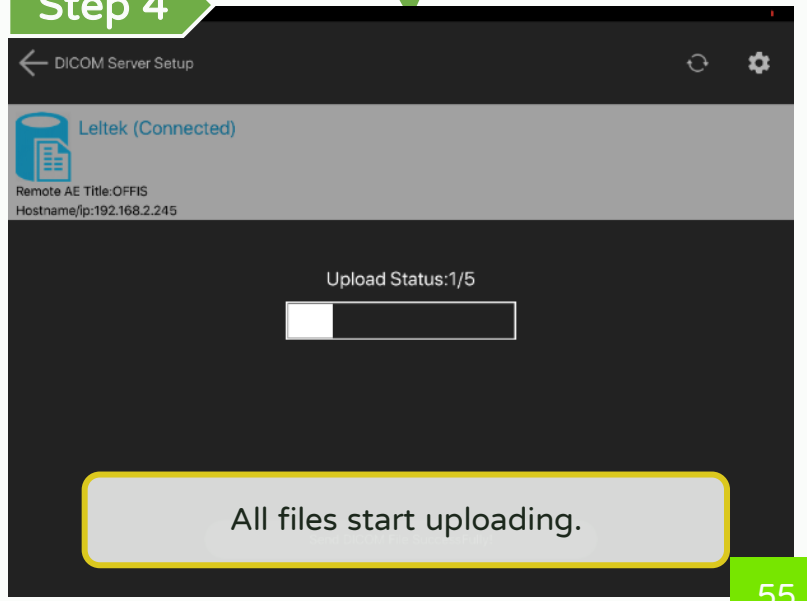
Step 2



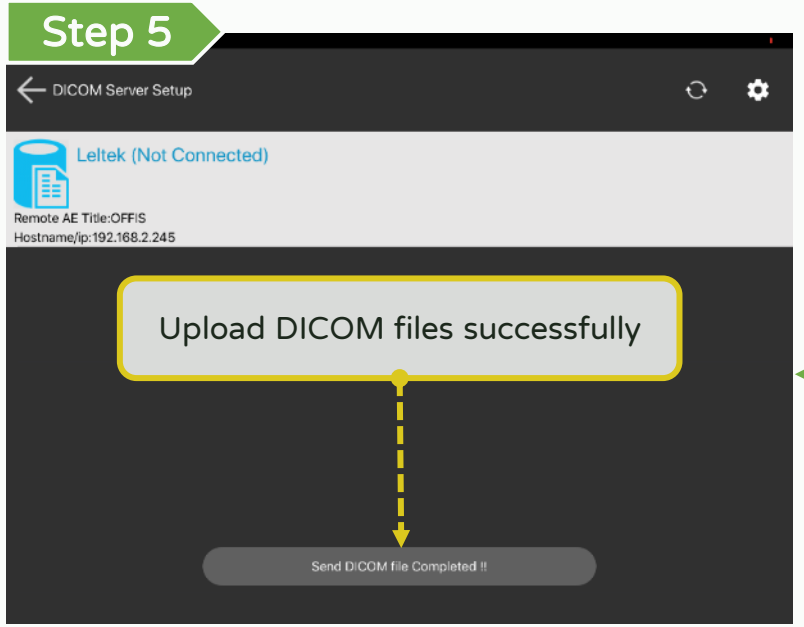
Step 3



Step 4



Step 5



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【 Run App on MAC M-series device】

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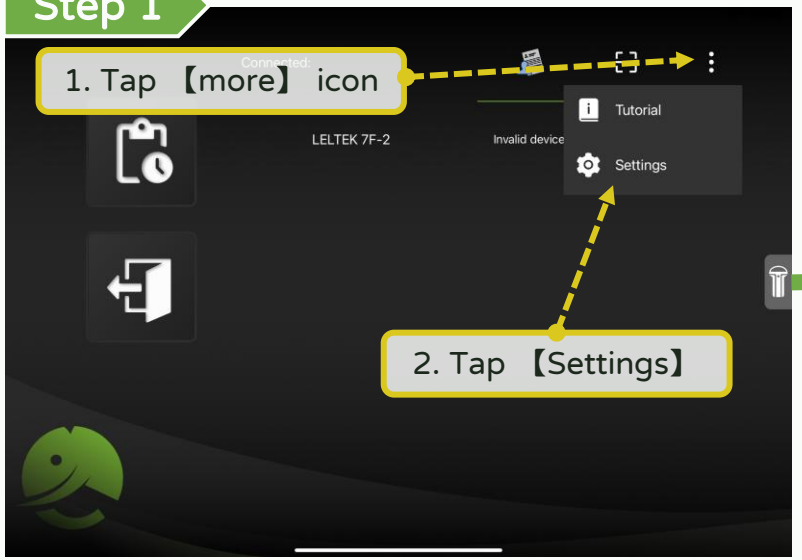
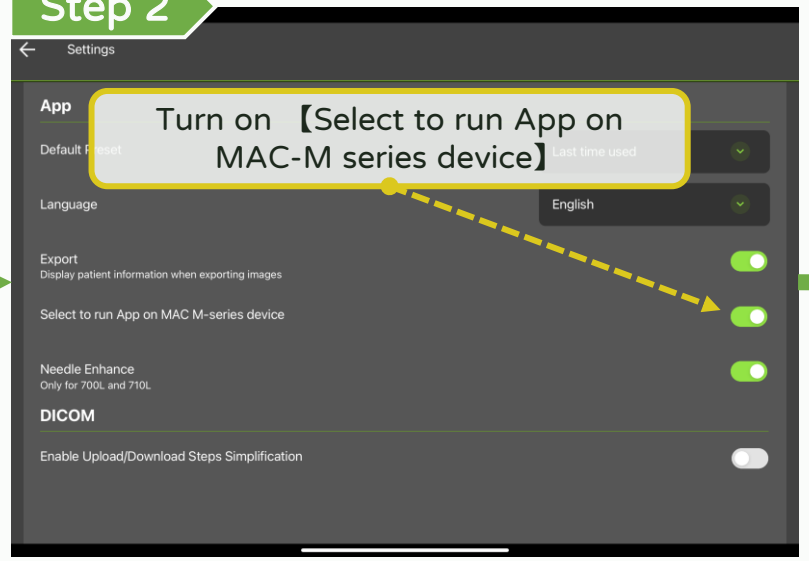
Run App on MAC M-series device

LELTEK

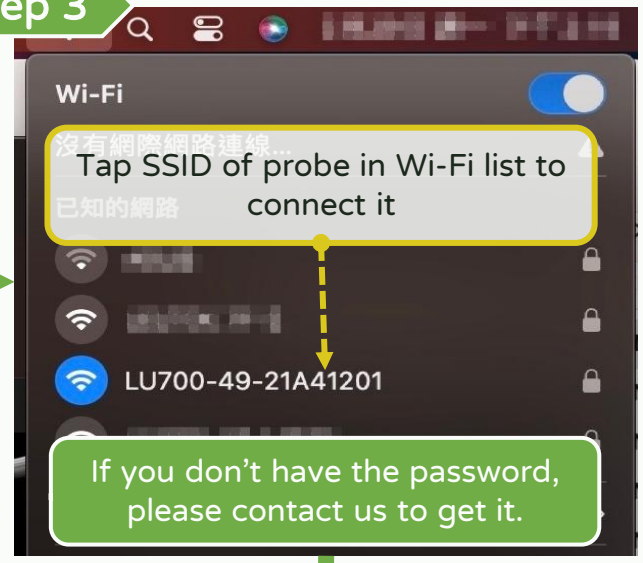
Step 1



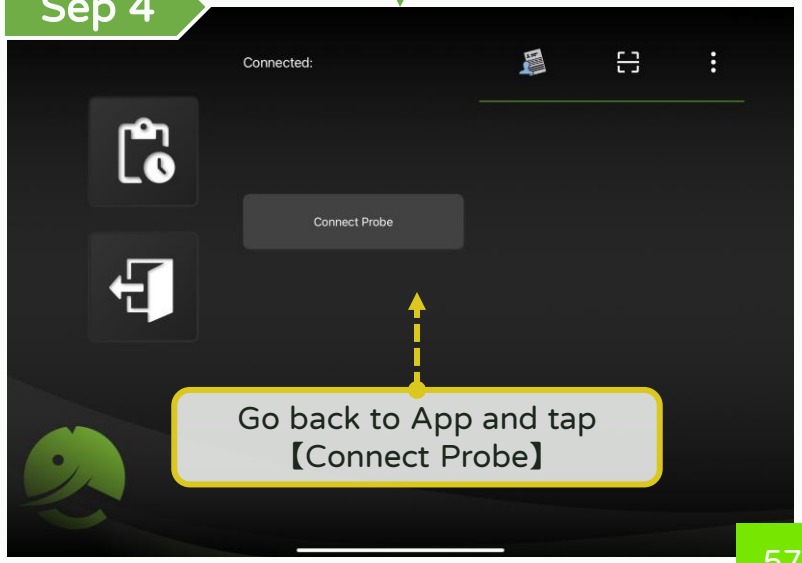
Step 2



Step 3



Sep 4



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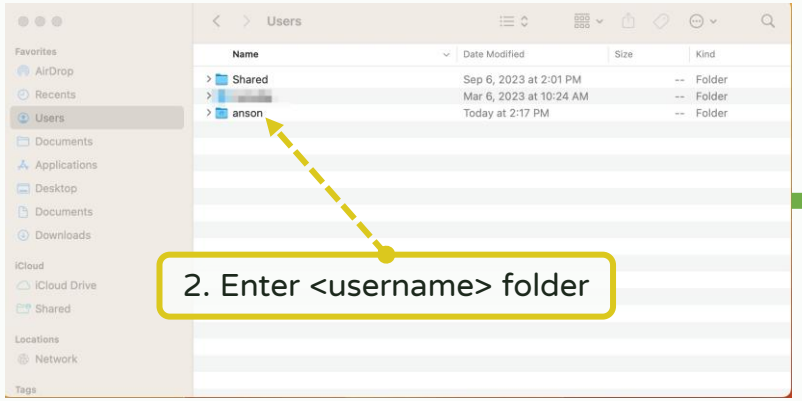
Find the images exported on MAC M-series device

LELTEK

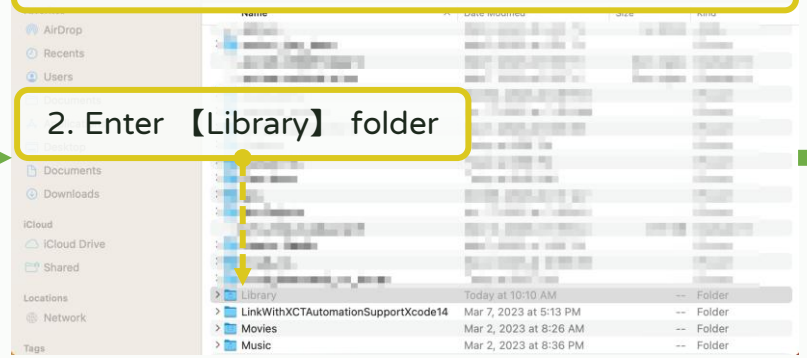
Step 1

1. Turn on 【Finder】



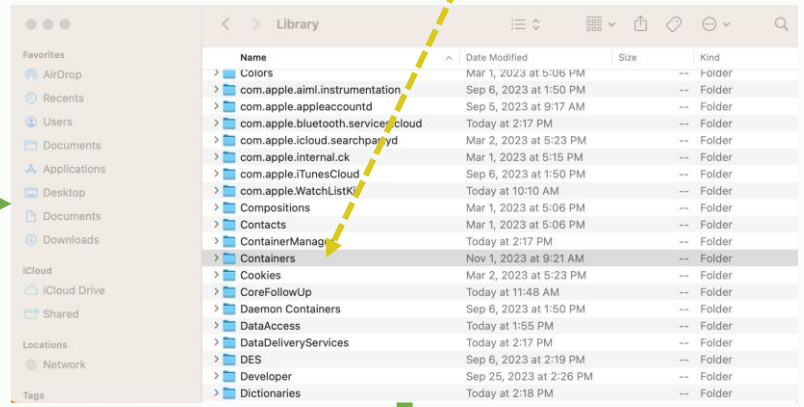
Step 2

1. Press command + shift + . to show hidden files.

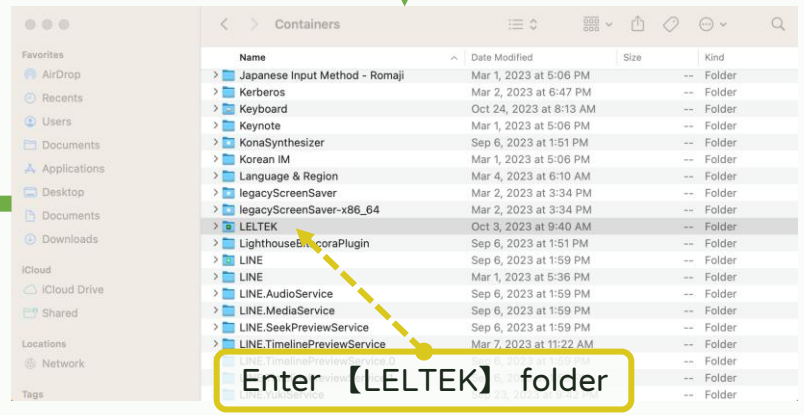


Step 3

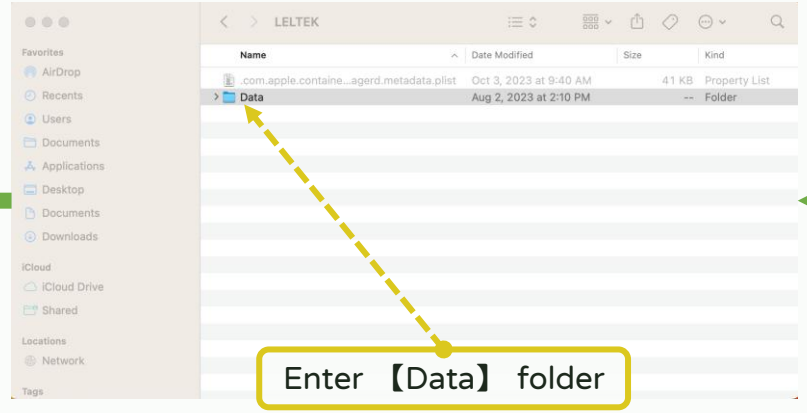
Enter 【Containers】 folder



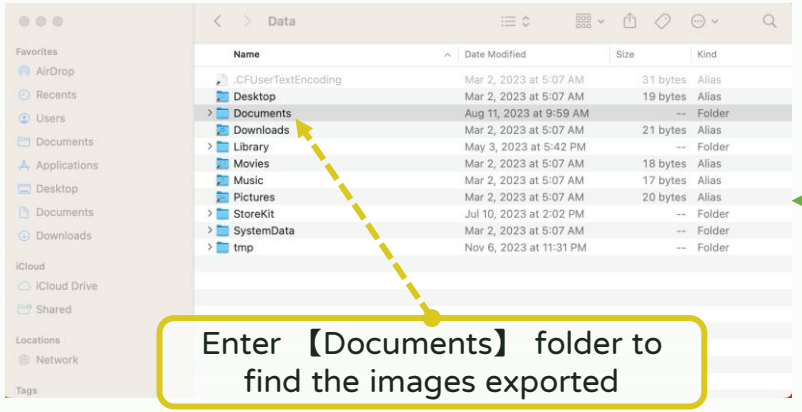
Step 4



Step 5



Step 6



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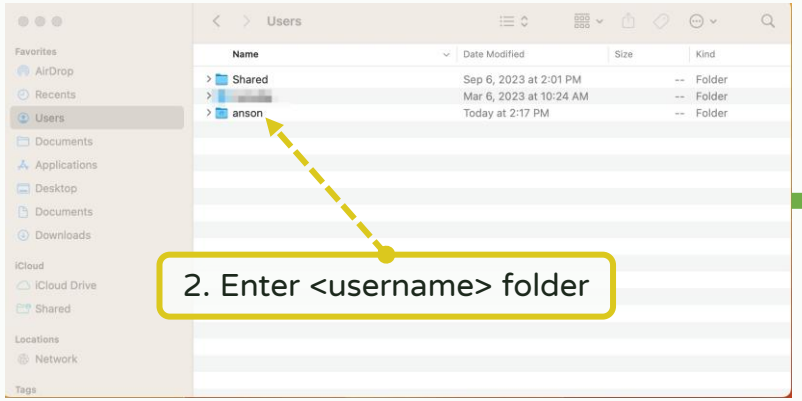
Create shortcut for the image exported folder on MAC M-series device

LELTEK

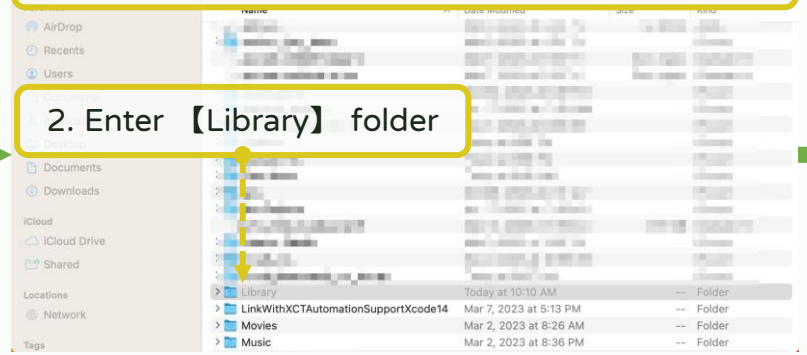
Step 1

1. Turn on 【Finder】



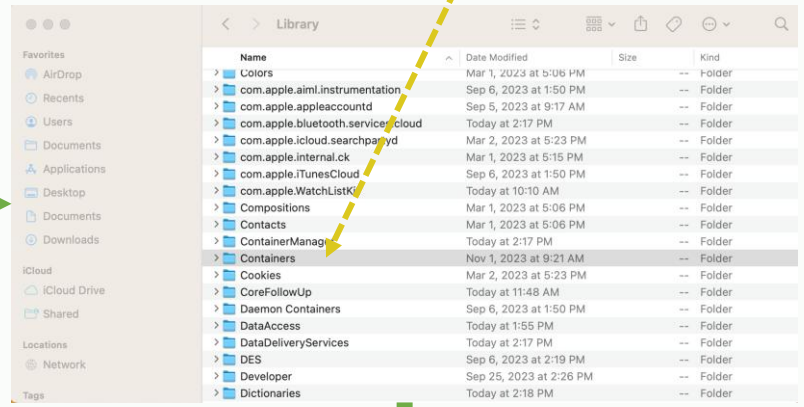
Step 2

1. Press command + shift + . to show hidden files.

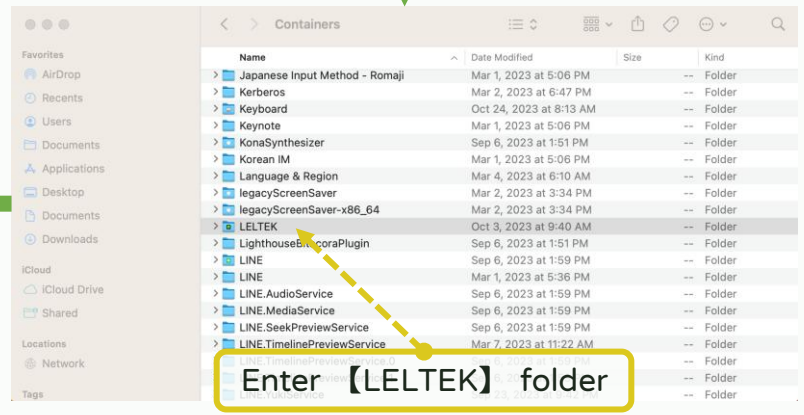


Step 3

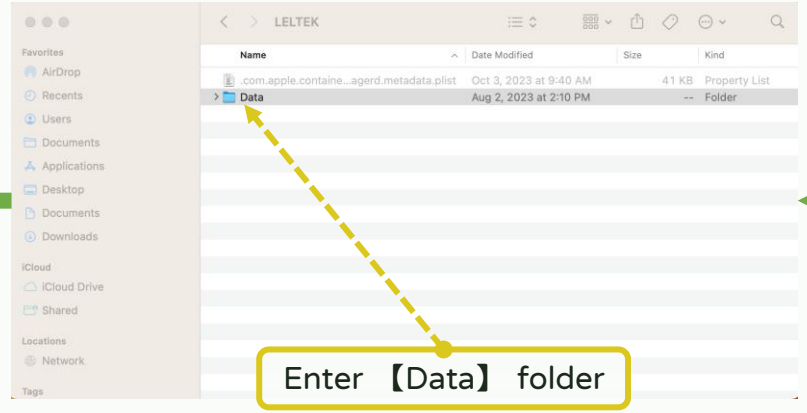
Enter 【Containers】 folder



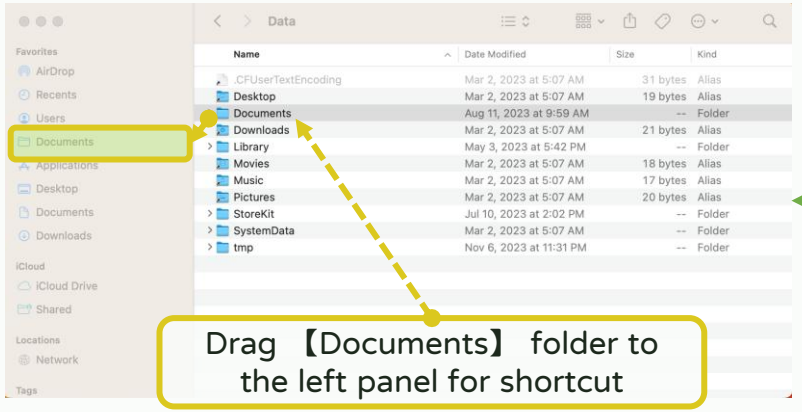
Step 4



Step 5



Step 6



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