

LeSONO



## LeSONO Wireless Ultrasound – Quick Guide



Version: 260105  
Applicable to 1.25.2.4 above revision

## 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, Measurement and Save files
- 【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】

## 【Boot up and connection】



## 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



## 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

## 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.

Step 1

Connected:

Connection

Review

Exit

HITRON-55F0-5G

Invalid device. Scan QR code for connection

Turn on the probe (Purple light), tapping “Scanning QR code” icon on the upper right corner

Step 2

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СЫМЕТ

Scan QR code on the probe

Step 3

Connected:

Connection

Review

Exit

HITRON-55F0-5G

Invalid device. Scan QR code for connection

"LELTEK" Wants to Join Wi-Fi Network  
"LU700-43-201920173"?

Cancel

Join

Confirm the SSID and tap “Join”

Step 5

000000019

Freeze

B

CF

M

PW

PD

THI (ON)

Freq

Gain

Enhancement

FPS

Dynamic Range

Adv. Settings

18.9

BP

End Exam

Transducer

Convex

Gain

40

On

30

Depth

18.9 cm

Pretest

abdomen

Freq

H 4.2 MHz

Md

0.79

Ti

0.7

134

Enter the scan page

Step 4

Connected:

Connection

Review

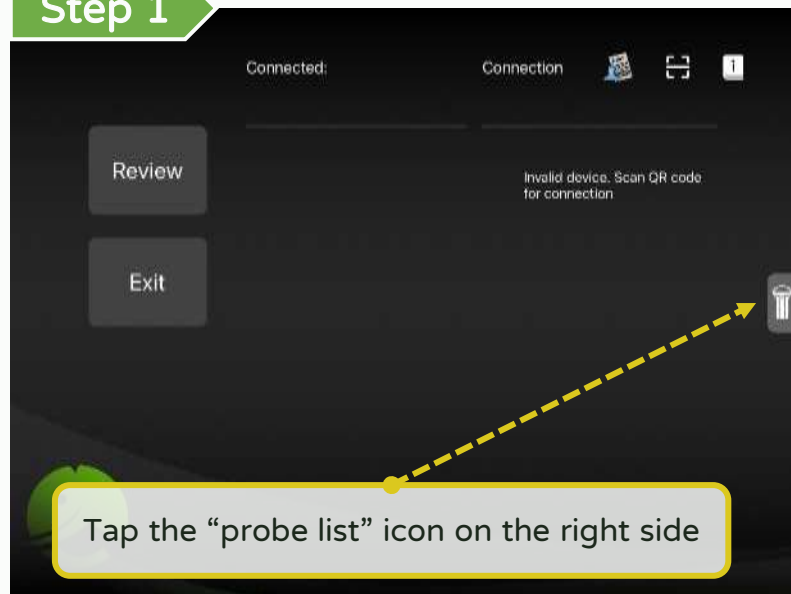
Exit

LU700-43-201920173

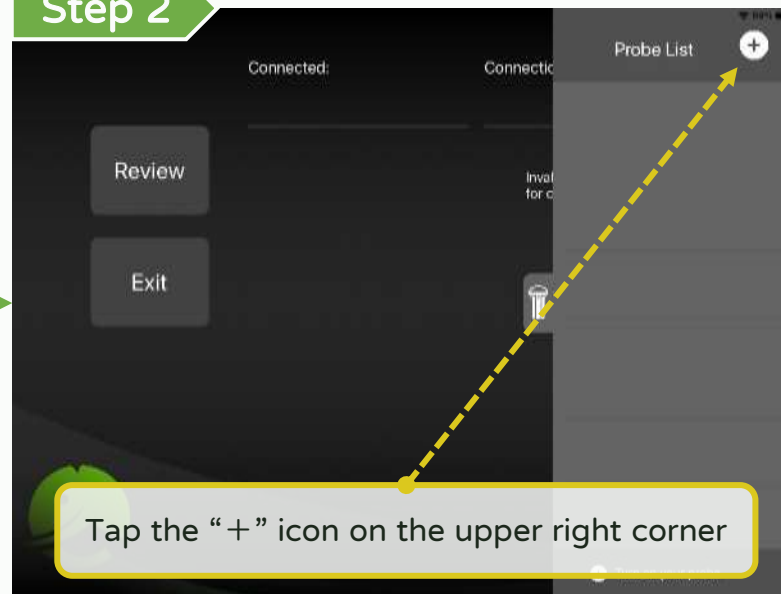
Device Connected

Wait for finishing the connection

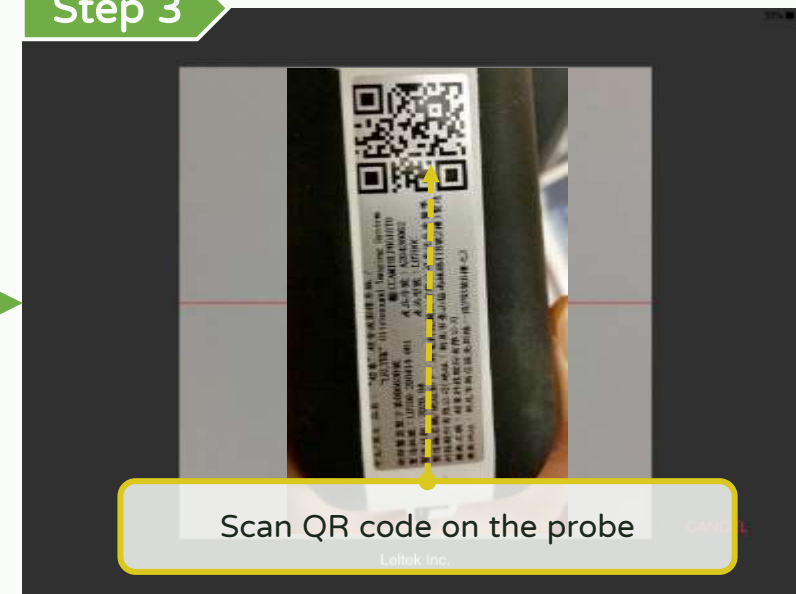
## Step 1



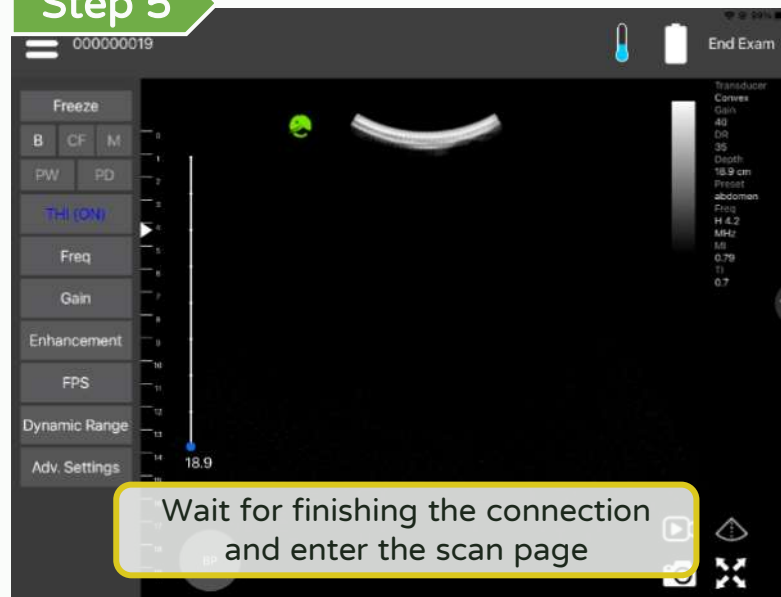
## Step 2



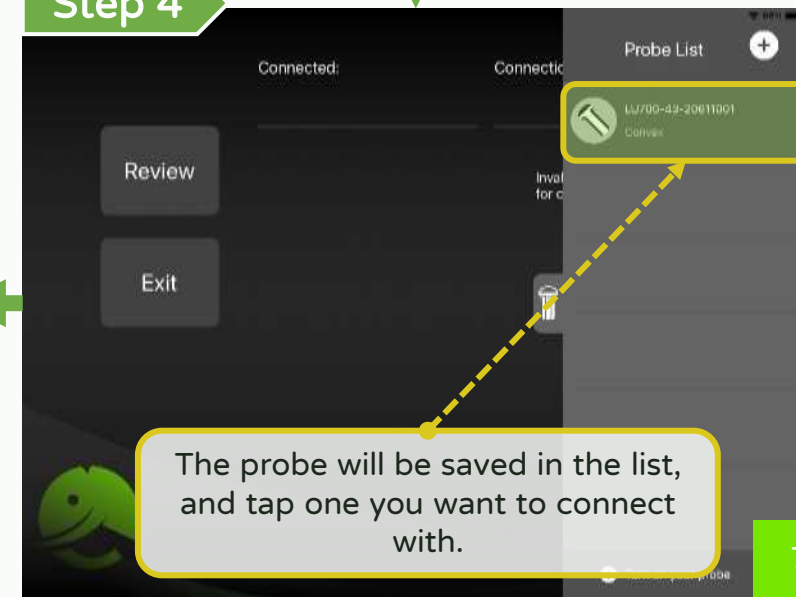
## Step 3



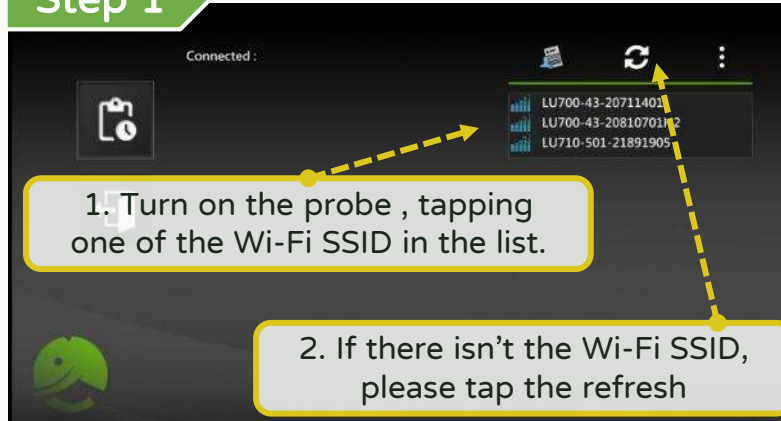
## Step 5



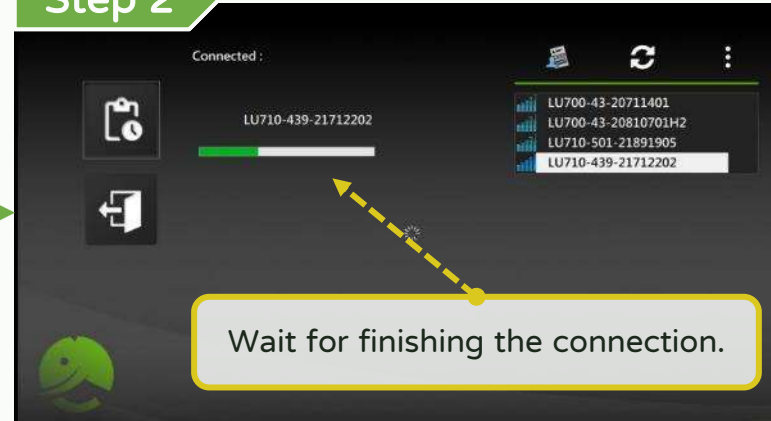
## Step 4



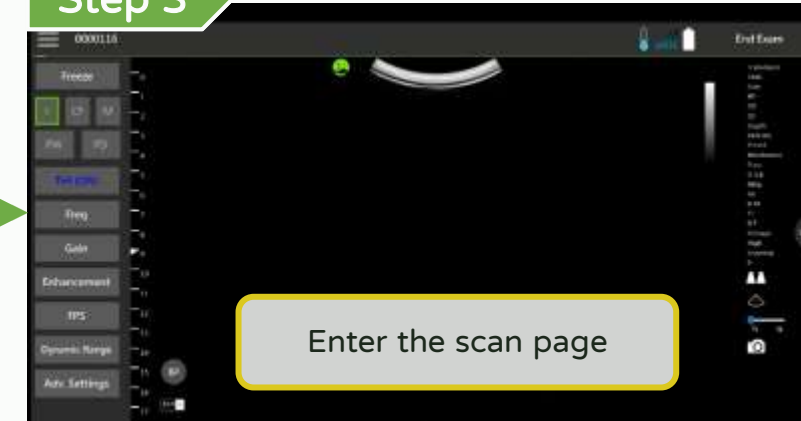
## Step 1



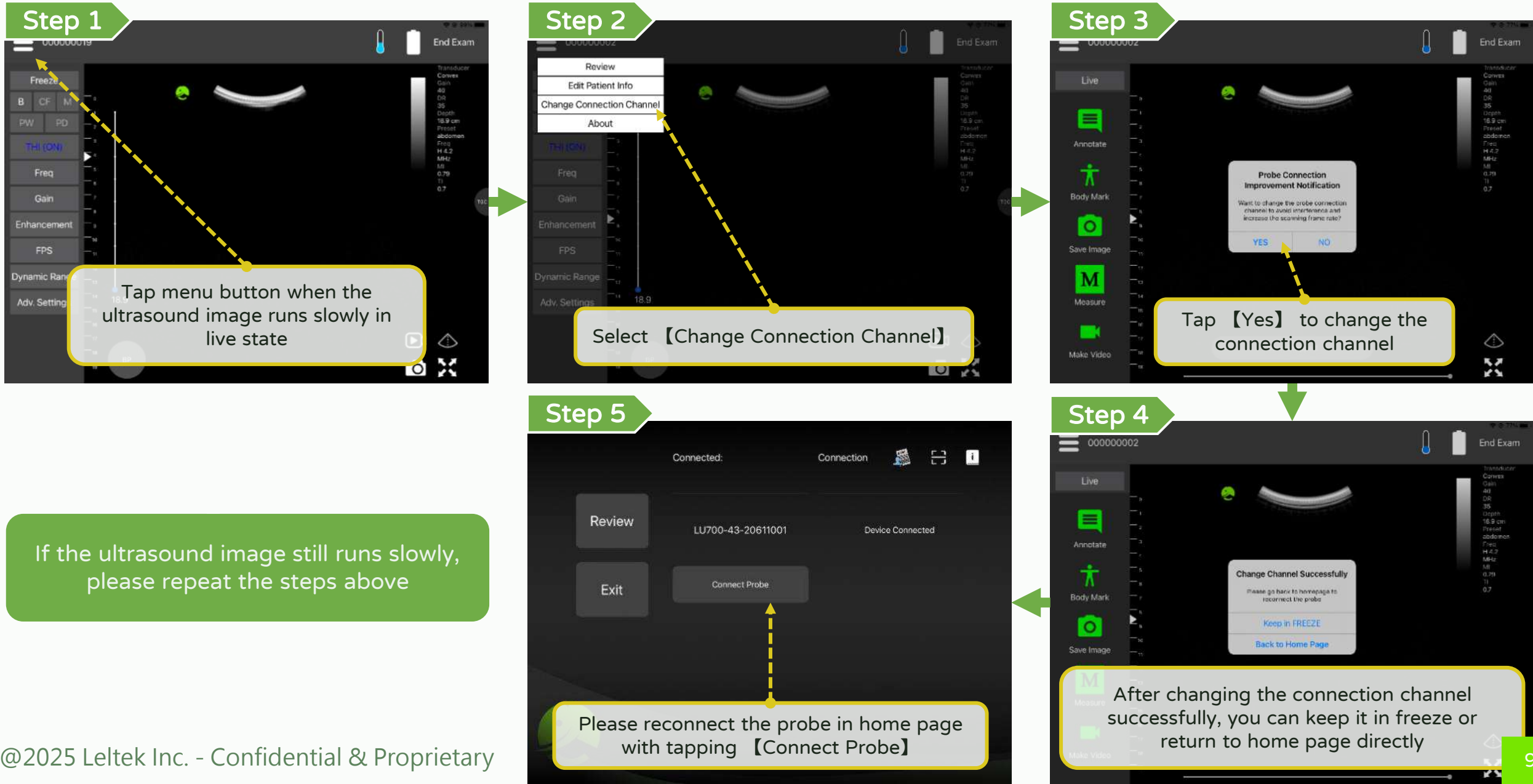
## Step 2



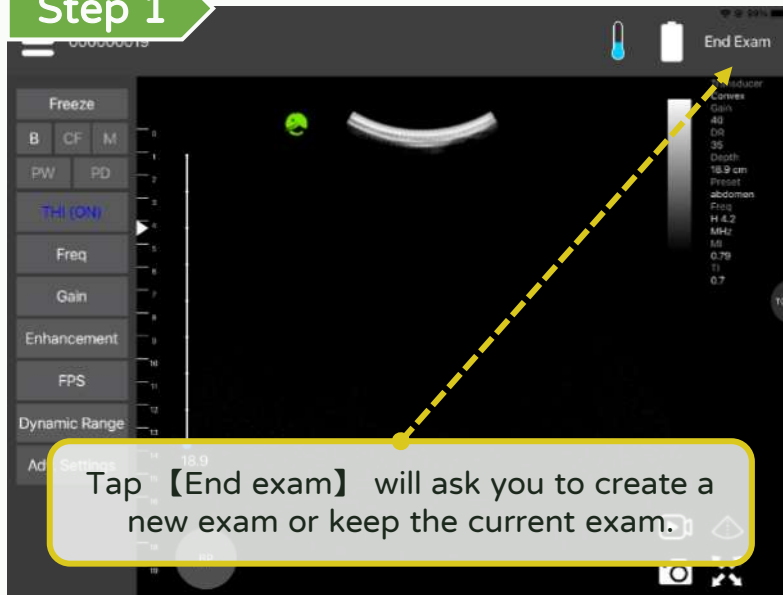
## Step 3



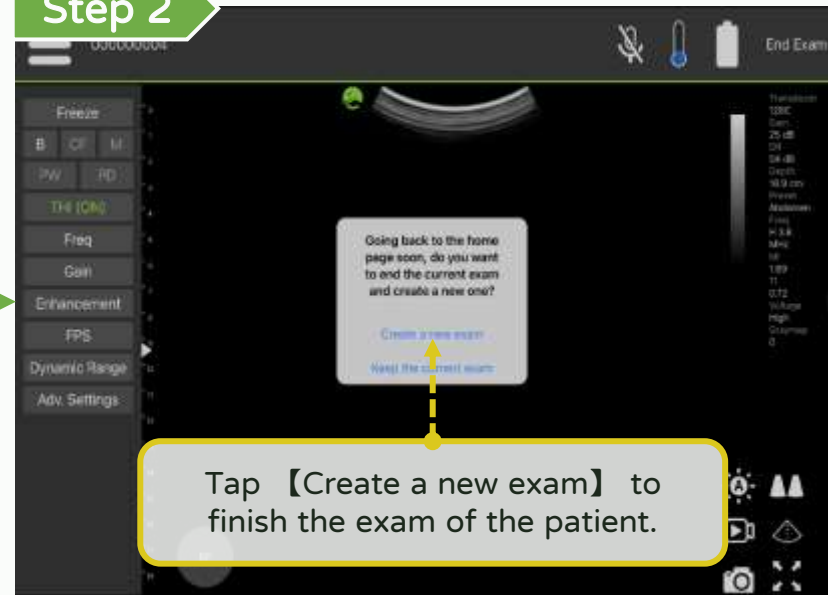
# Boot up and connection - Improve the connection quality **LEL TEK**



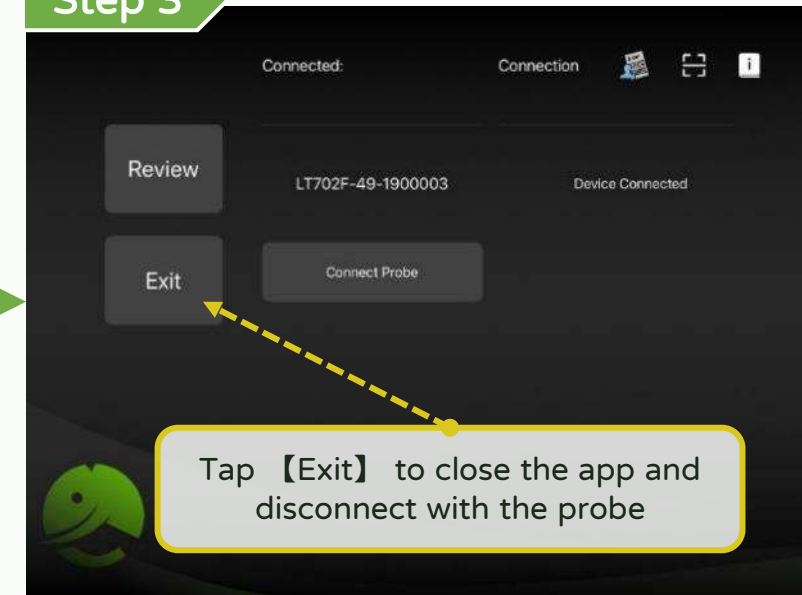
## Step 1



## Step 2



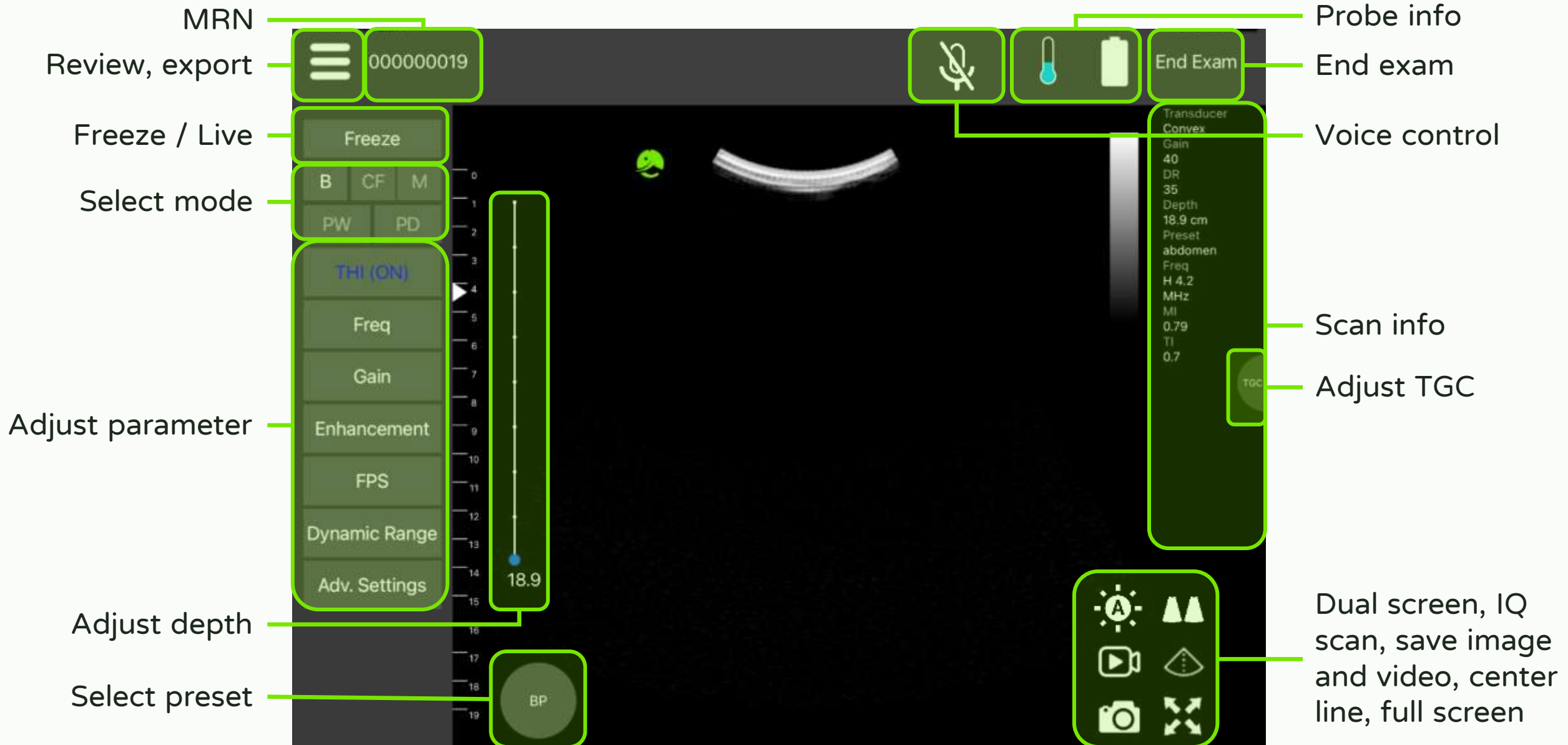
## Step 3



【Scan】

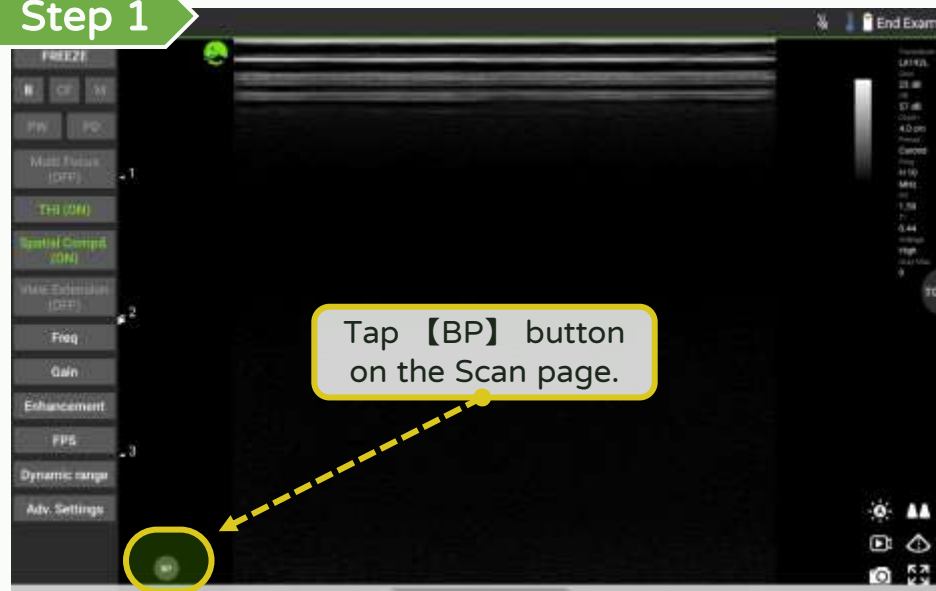
# Scan - Interface

LEL TEK

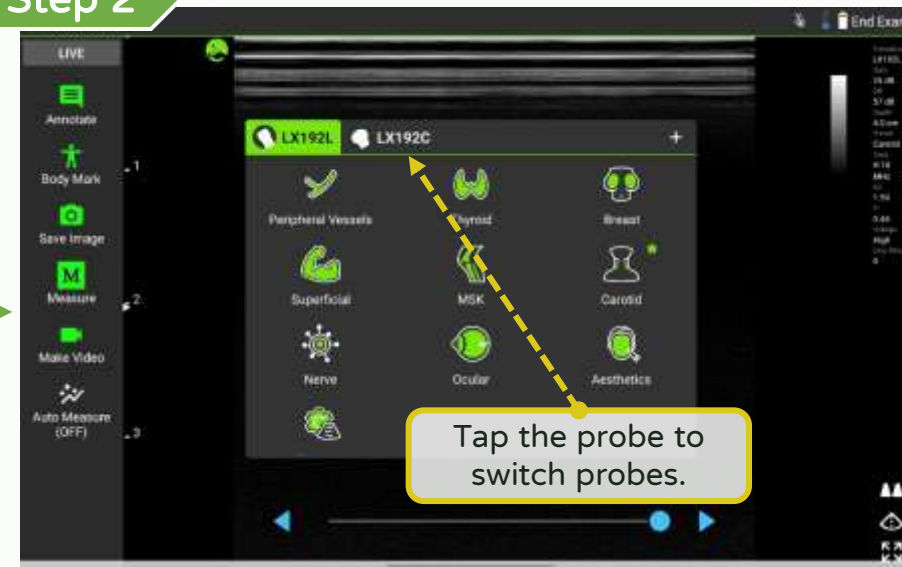


| Functions        | Hot Key                              |
|------------------|--------------------------------------|
| Freeze           | Space Key                            |
| Live             | Space Key                            |
| B mode           | B                                    |
| CF mode          | C                                    |
| M mode           | M                                    |
| PW mode          | W                                    |
| PD mode          | D                                    |
| Save image       | S                                    |
| Adjust gain      | 1                                    |
| Adjust freq.     | 2                                    |
| Control seek bar | ↑ 、 ← : Decrease<br>↓ 、 → : Increase |

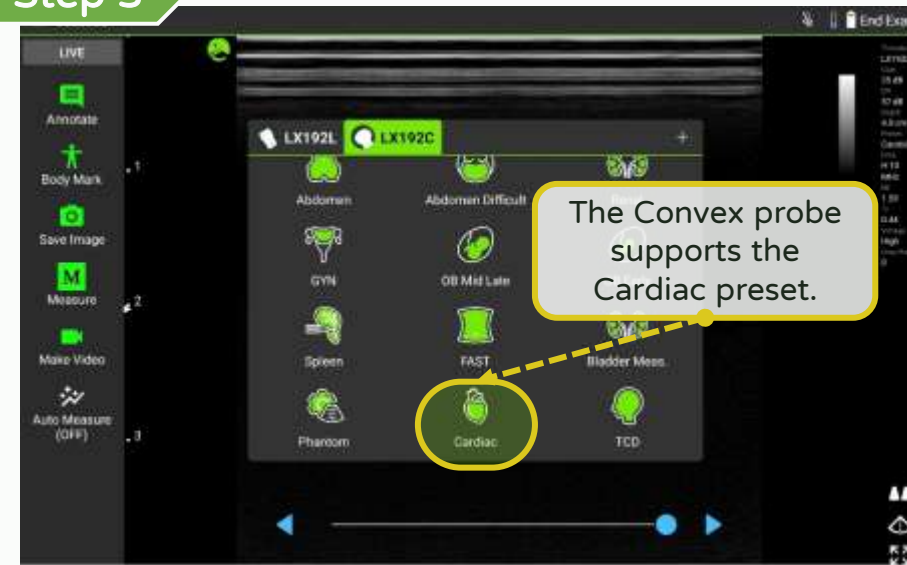
## Step 1

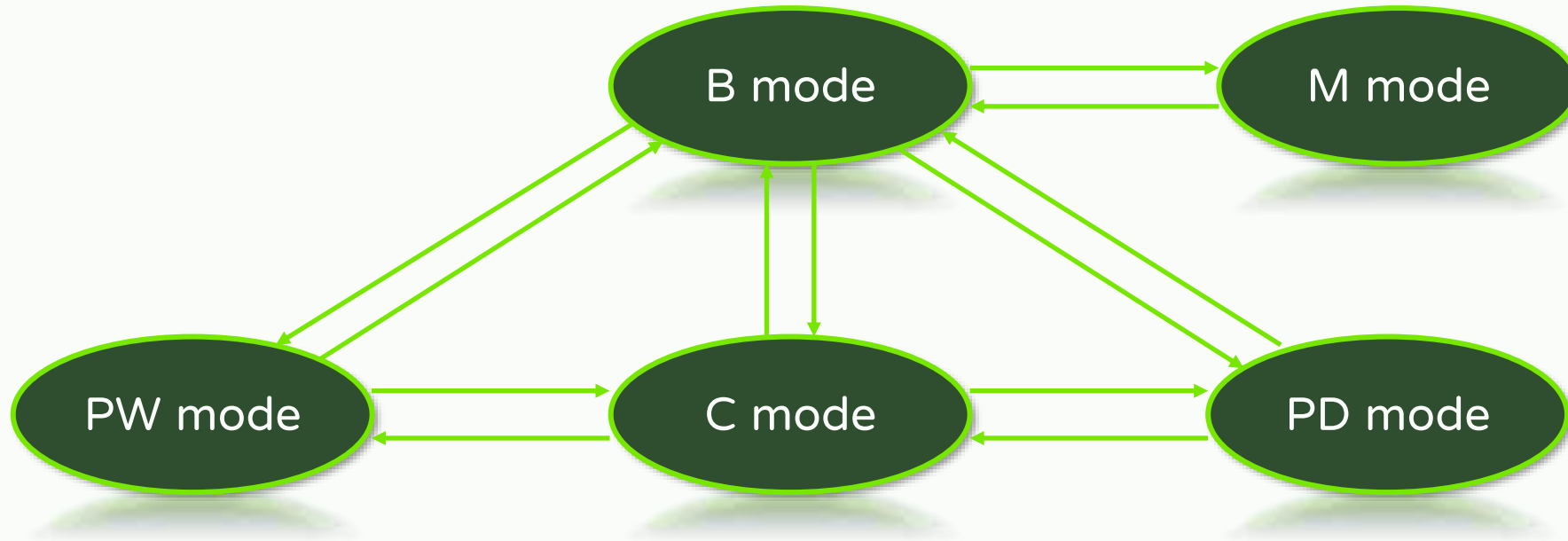


## Step 2



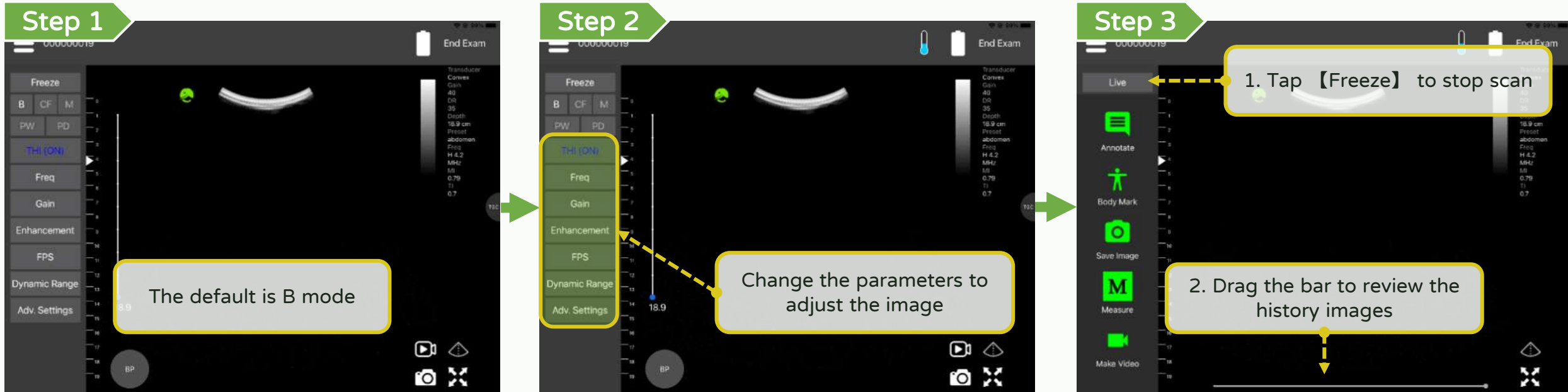
## Step 3





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

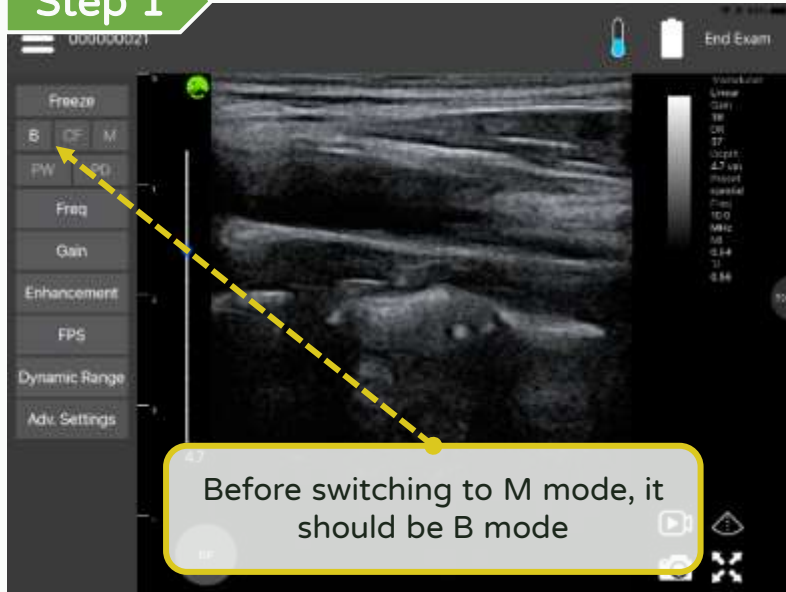
# Scan - B (Brightness) mode



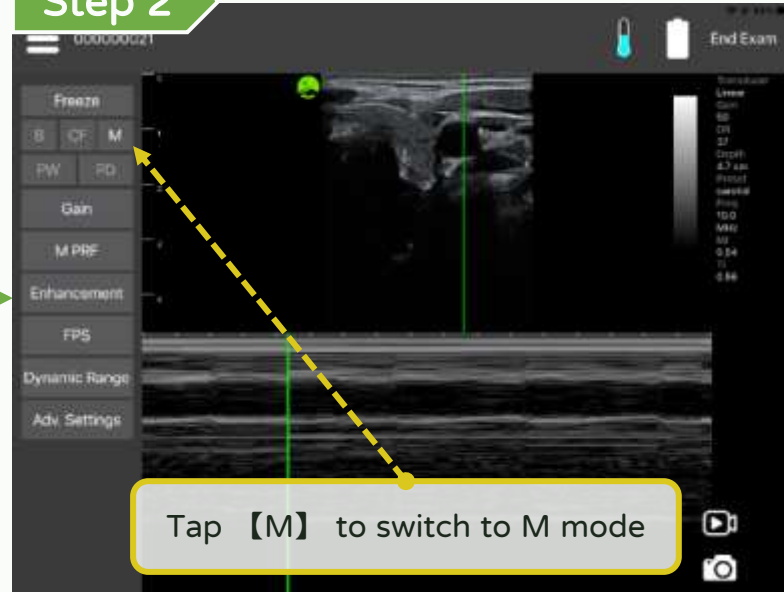
There are 8 sliders to adjust TGC (Android/iOS)  
There are 12 sliders to adjust TGC (Windows)

# Scan - M (Motion) mode

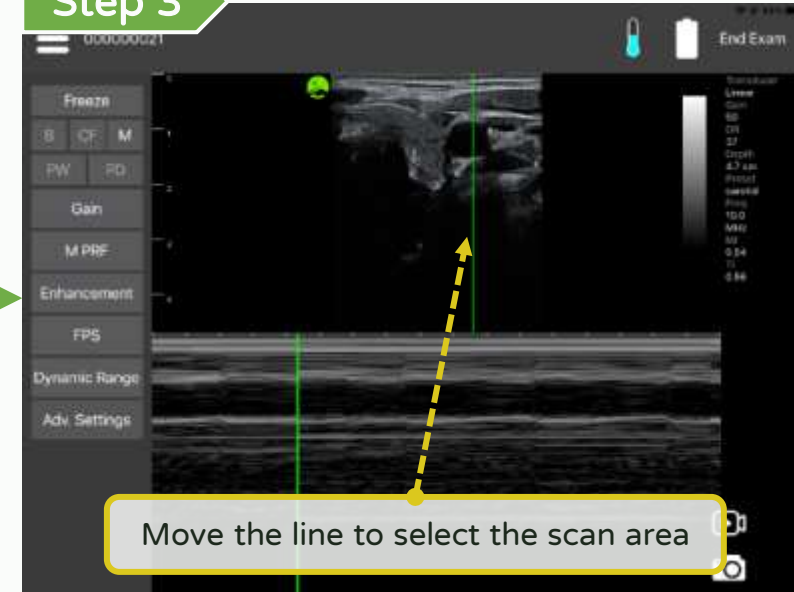
## Step 1



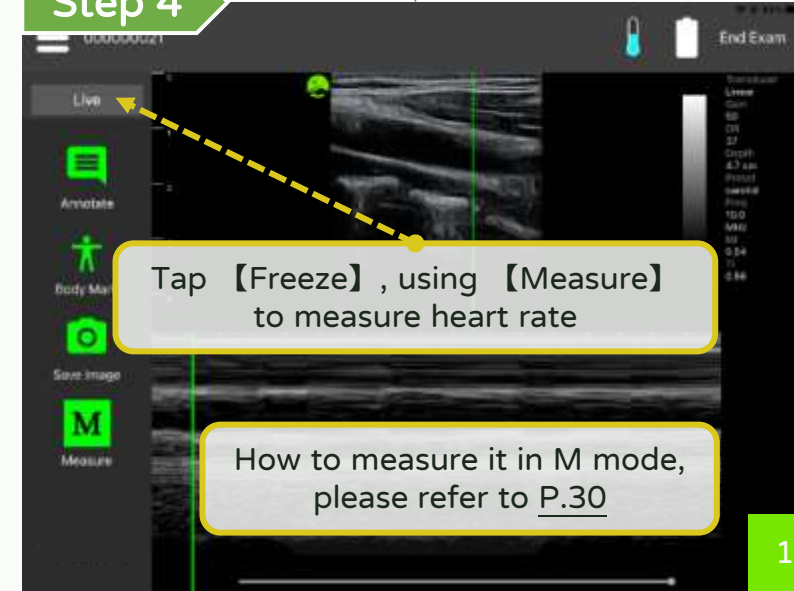
## Step 2



## Step 3

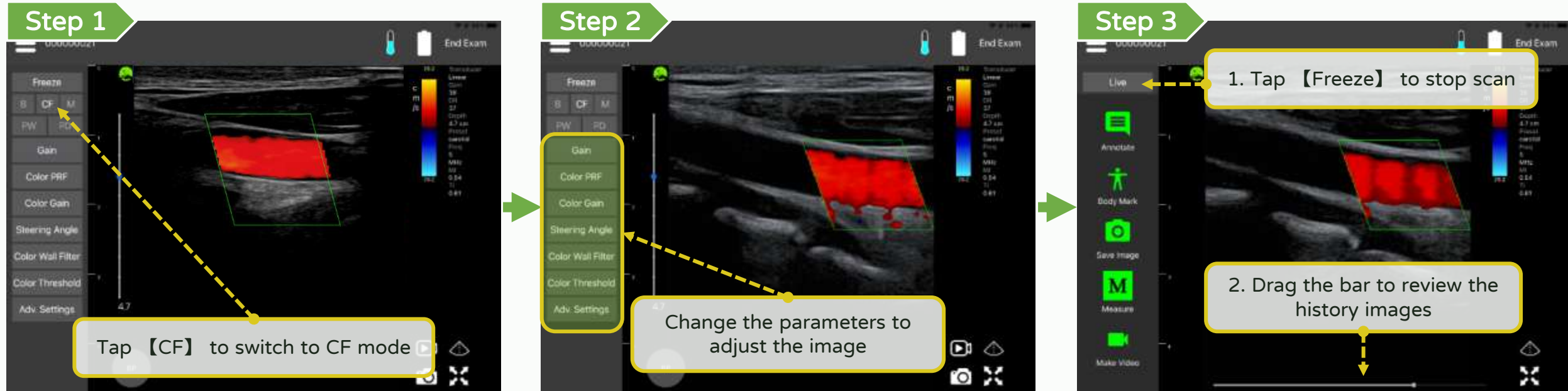


## Step 4



# Scan - CF (Color Flow) mode

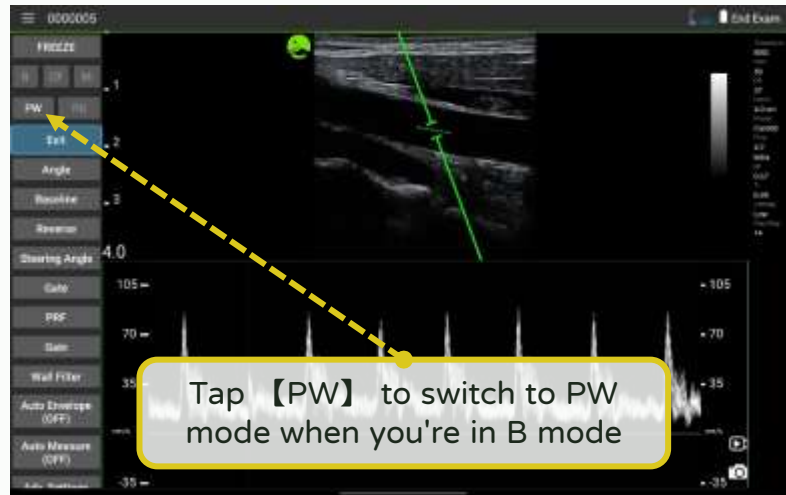
\*Optional function **LEL TEK**



# Scan - PW (Pulse Wave) mode without color

\*Optional function **LEL TEK**

## Step 1



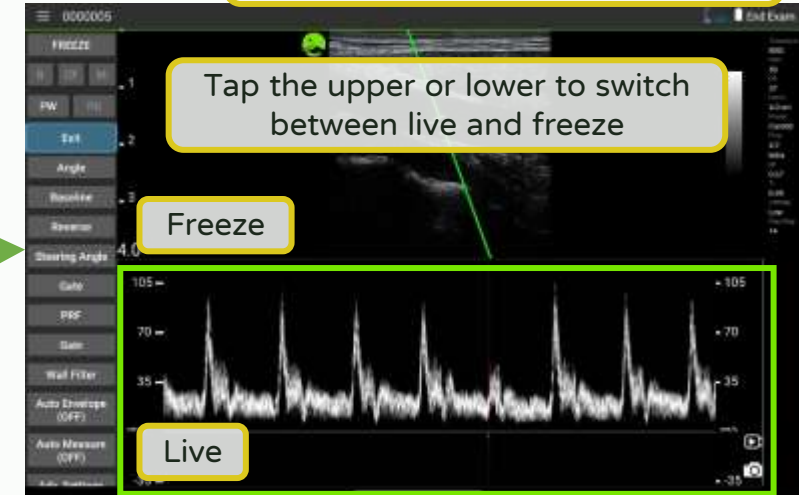
## Step 2

The live image will be highlighted with a green frame

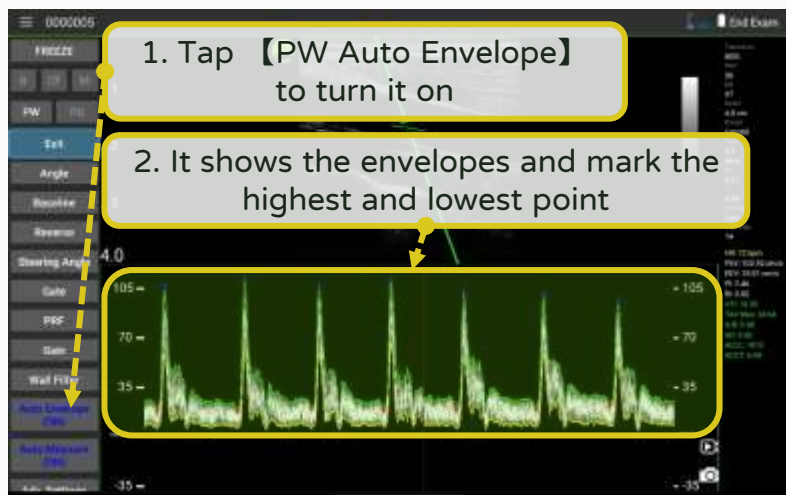


## Step 3

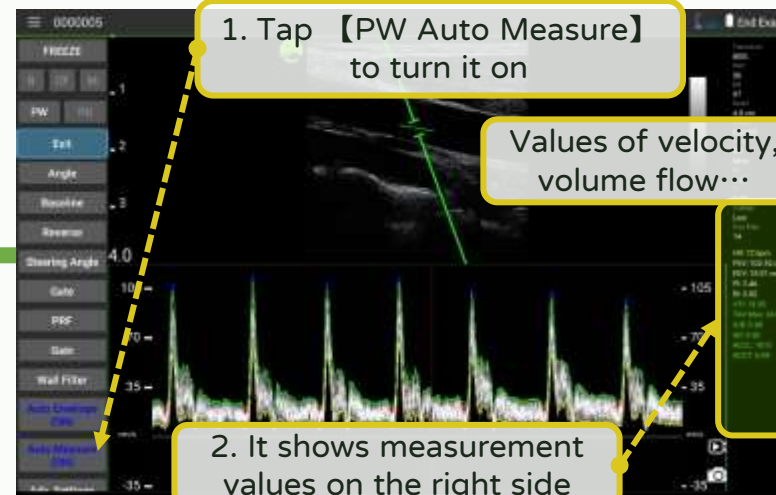
The live image will be highlighted with a green frame



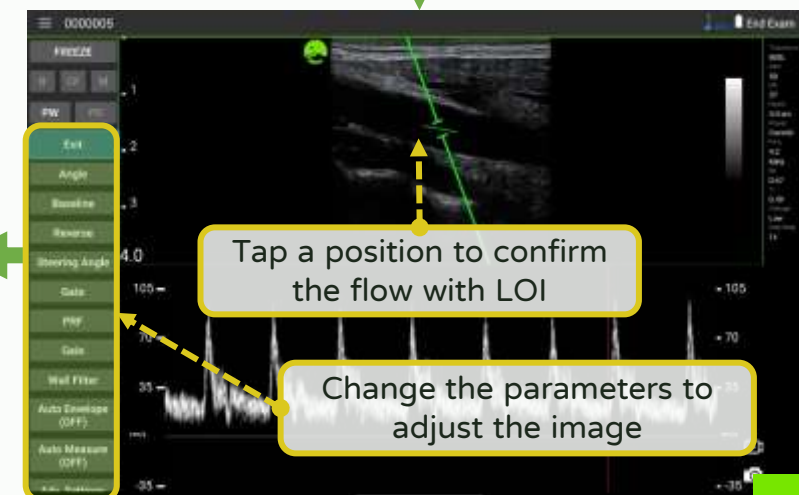
## Step 6



## Step 5



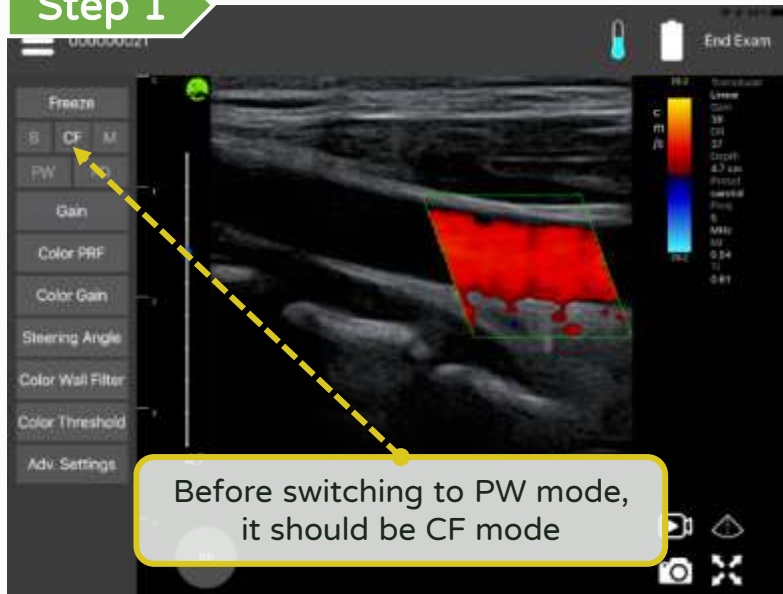
## Step 4



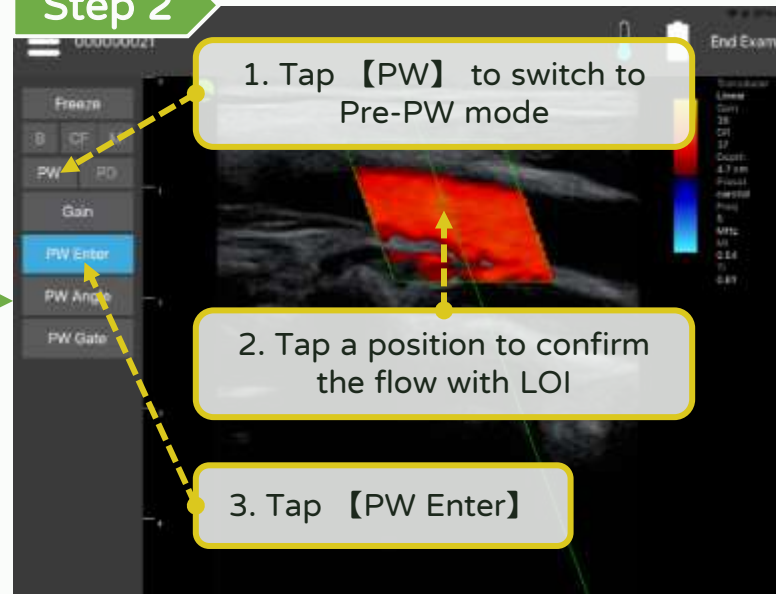
# Scan - PW (Pulse Wave) mode with color

\*Optional function **LEL TEK**

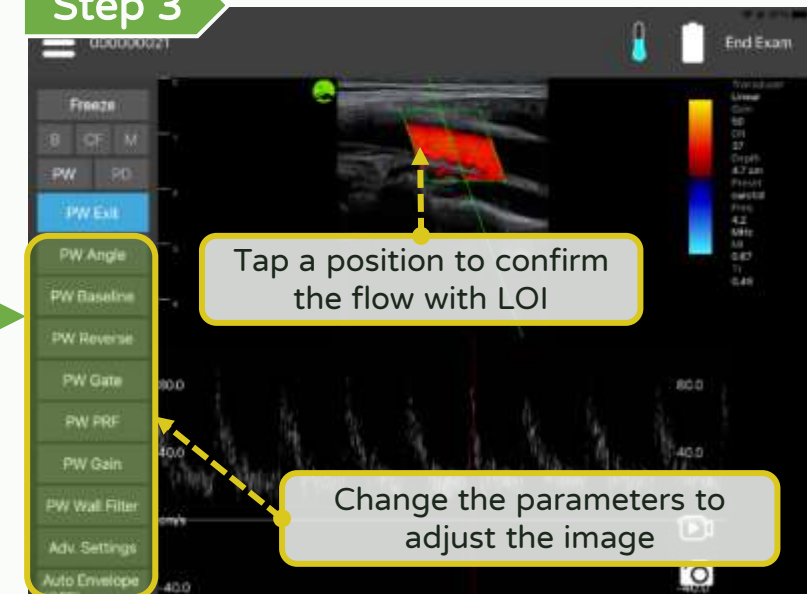
## Step 1



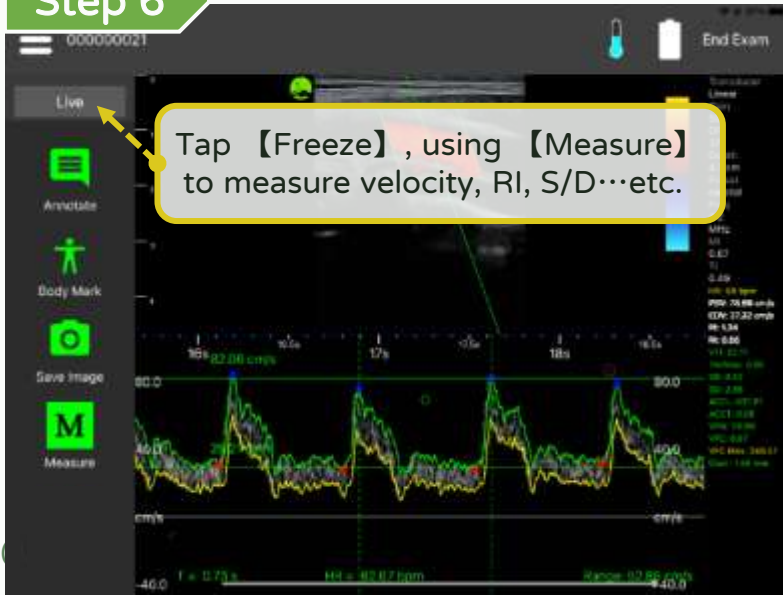
## Step 2



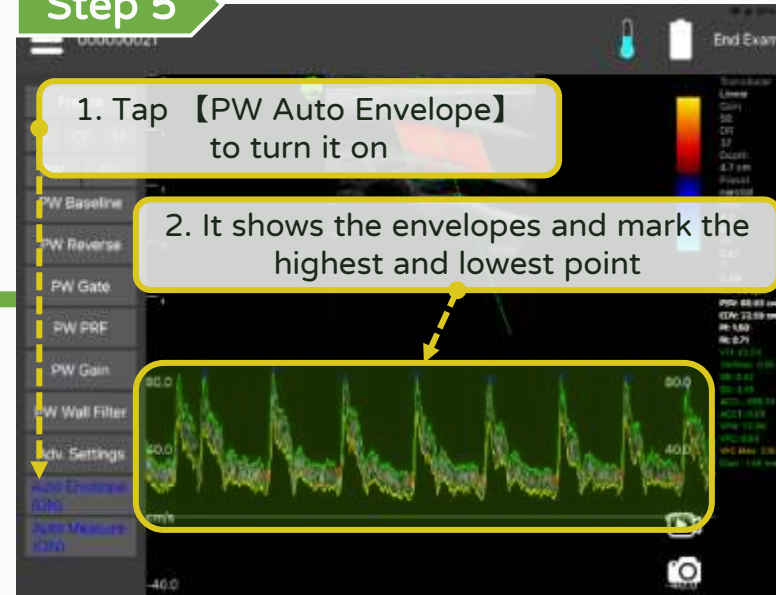
## Step 3



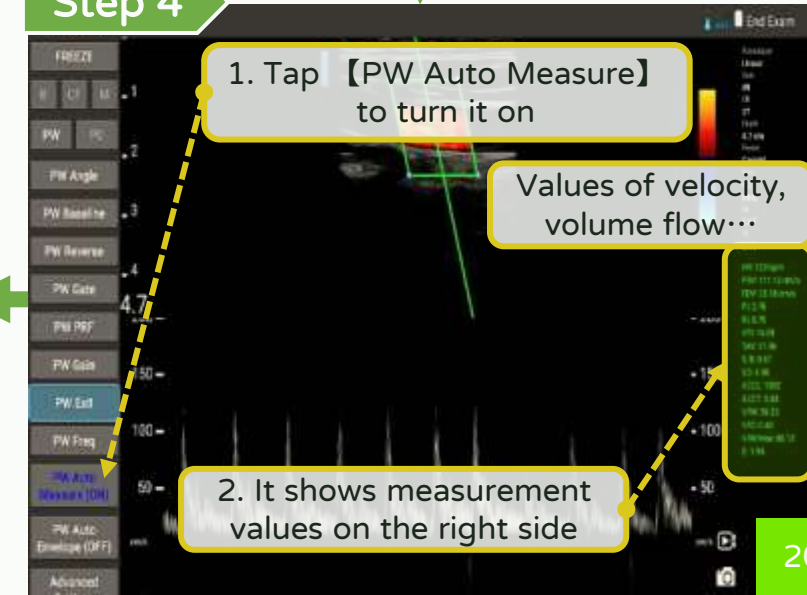
## Step 6



## Step 5

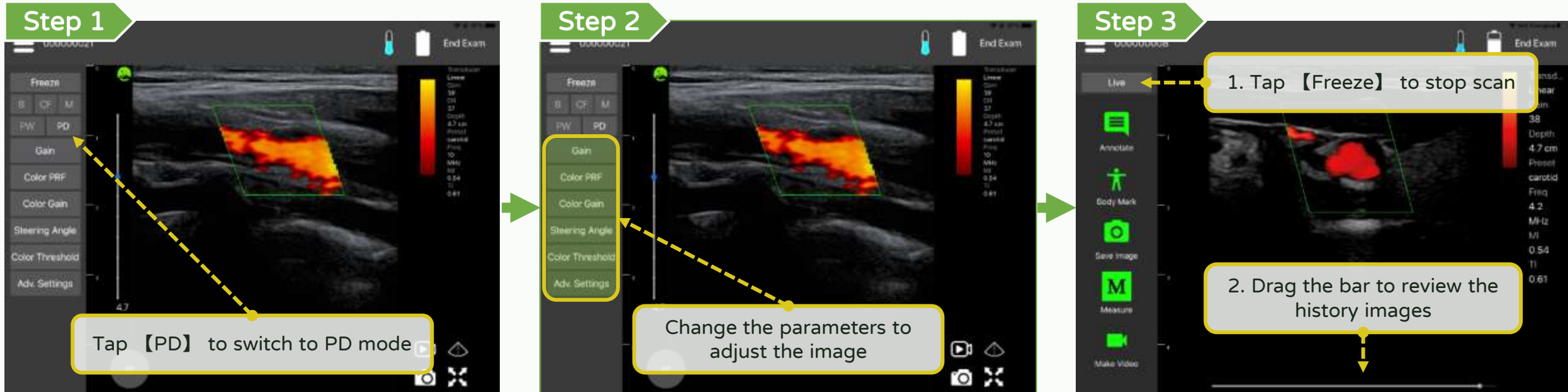


## Step 4

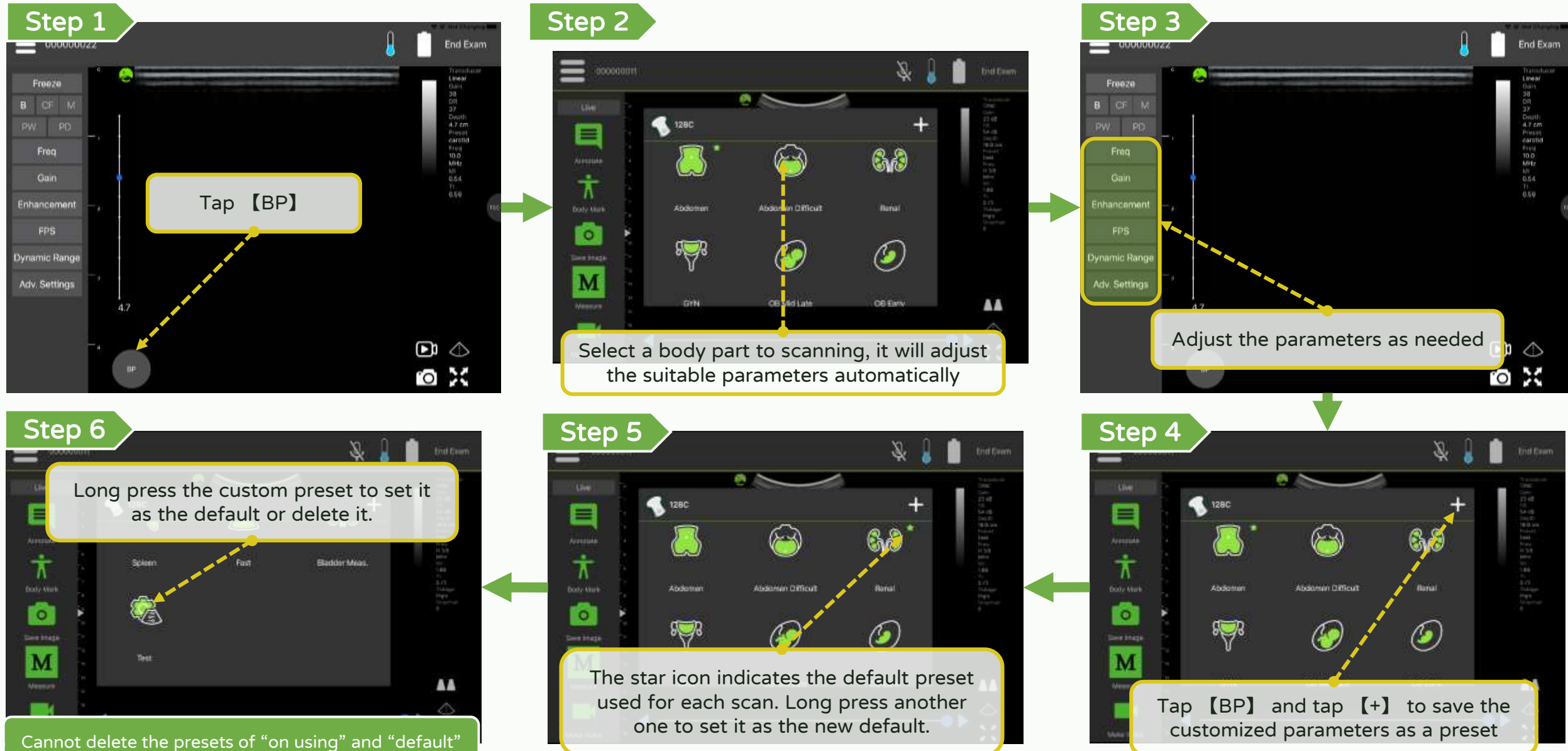


# Scan - PD (Power Doppler) mode

\*Optional function **LEL TEK**

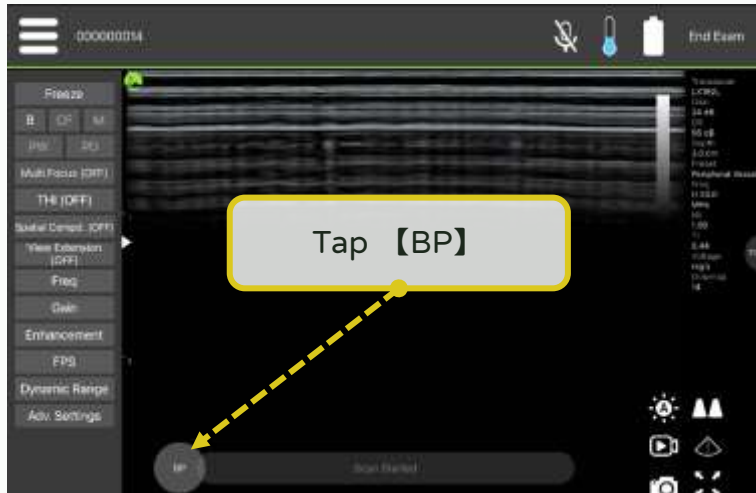


# Scan - Select and customize a preset (LU/LK series)

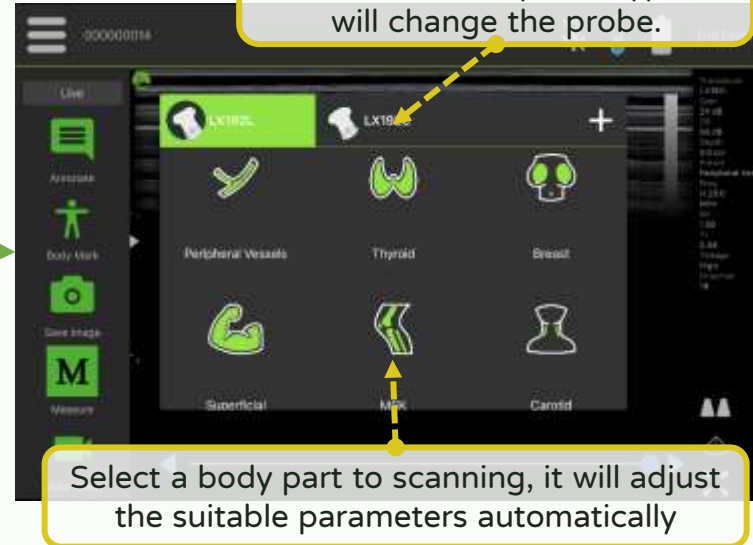


# Scan - Select and customize a preset (LX series)

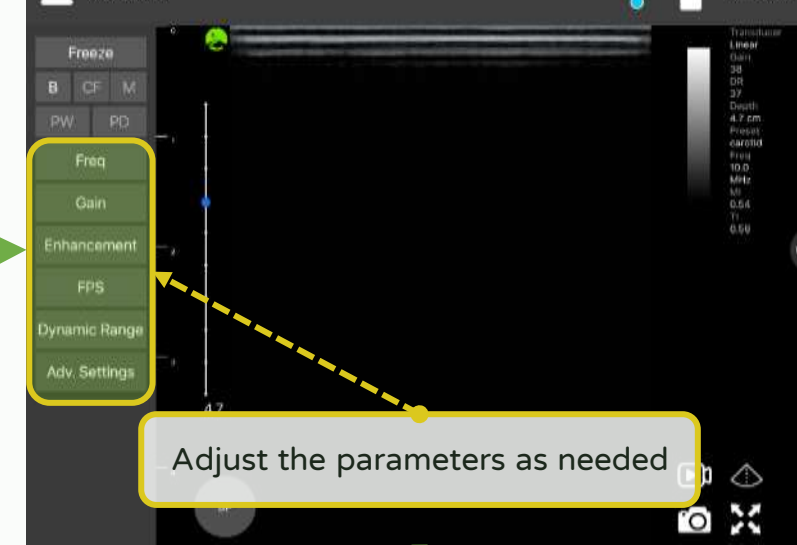
## Step 1



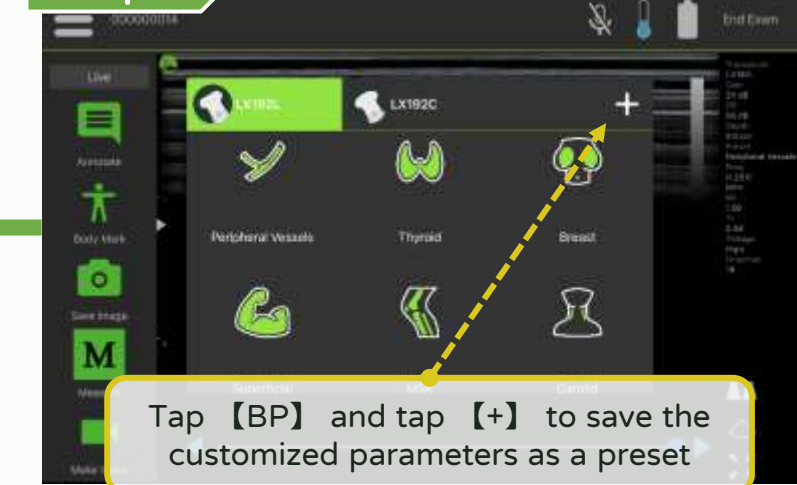
## Step 2



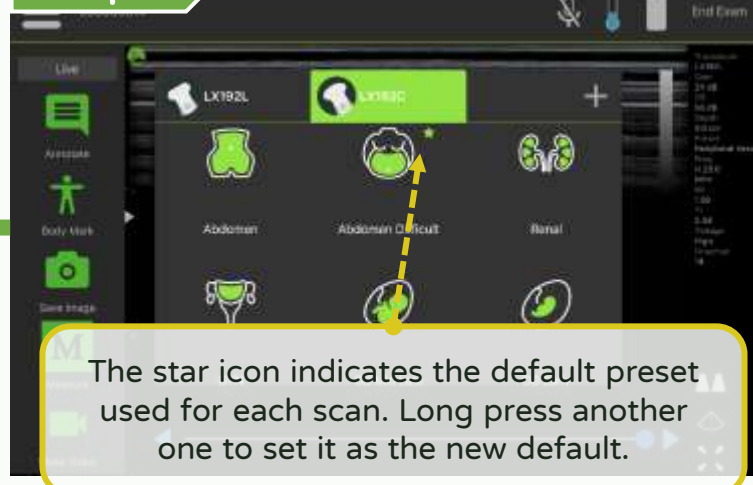
## Step 3



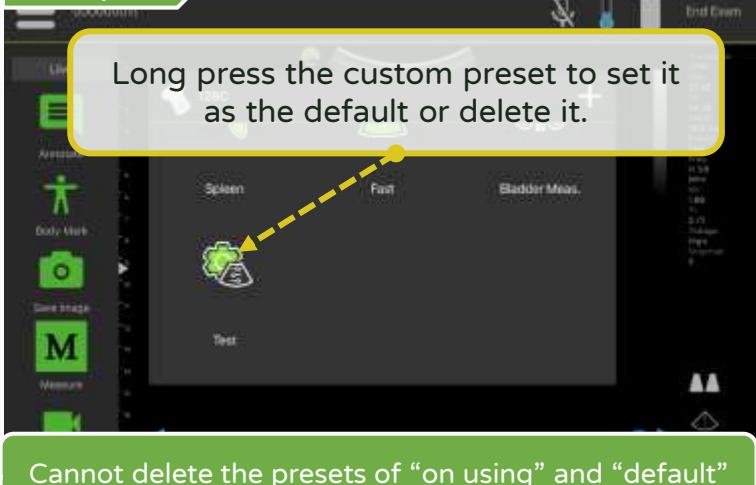
## Step 4



## Step 5



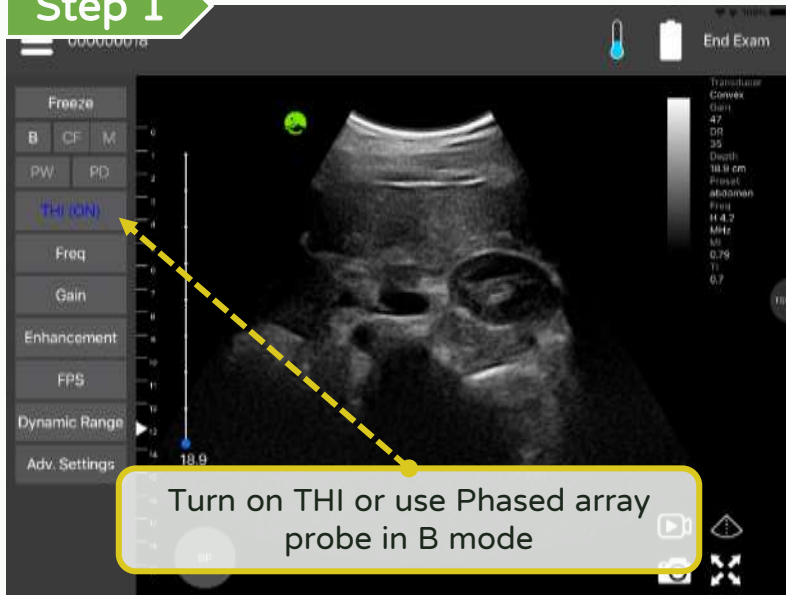
## Step 6



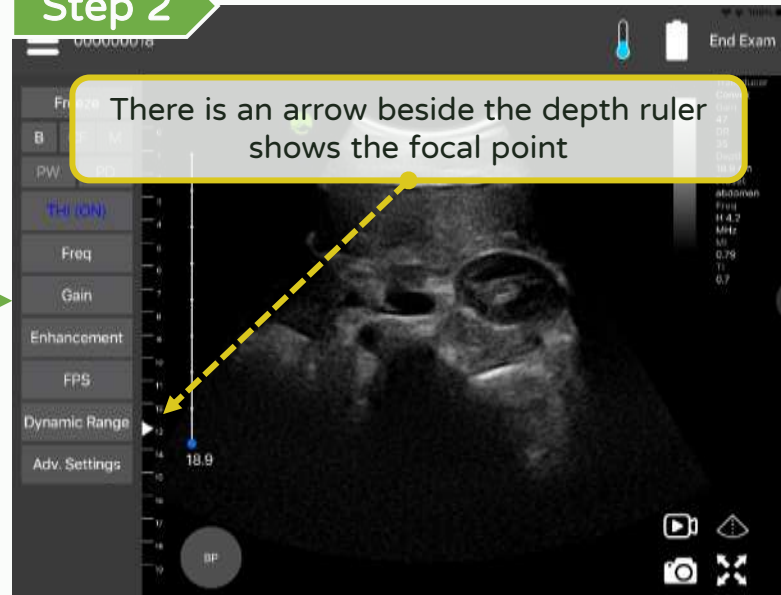
# Scan - Adjust focus

LEL TEK

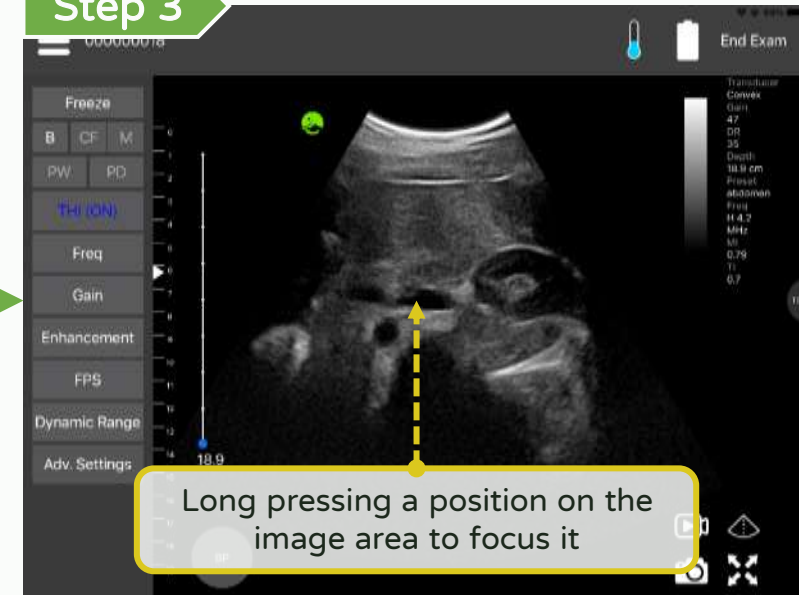
## Step 1



## Step 2

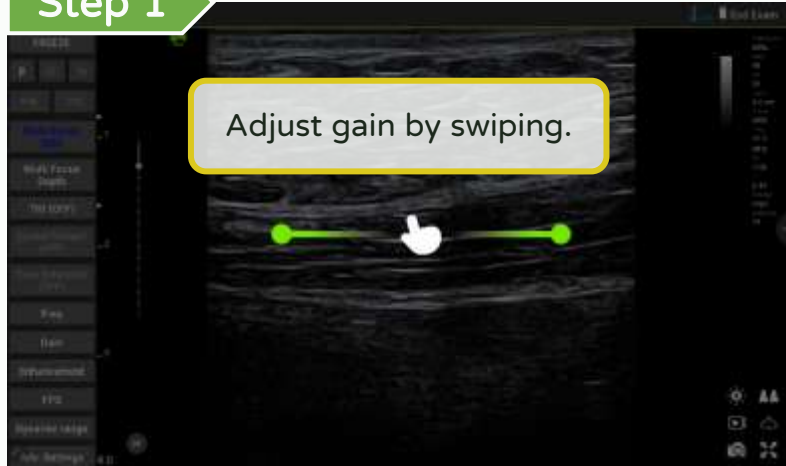


## Step 3



## Step 1

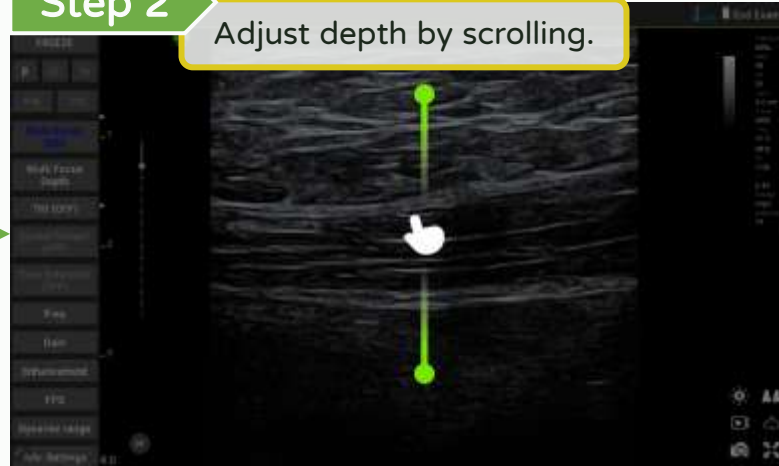
Adjust gain by swiping.



Adjust the gain

## Step 2

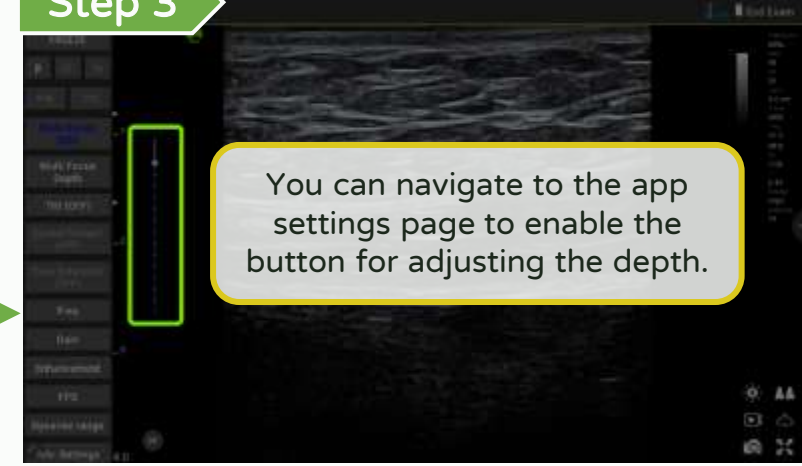
Adjust depth by scrolling.



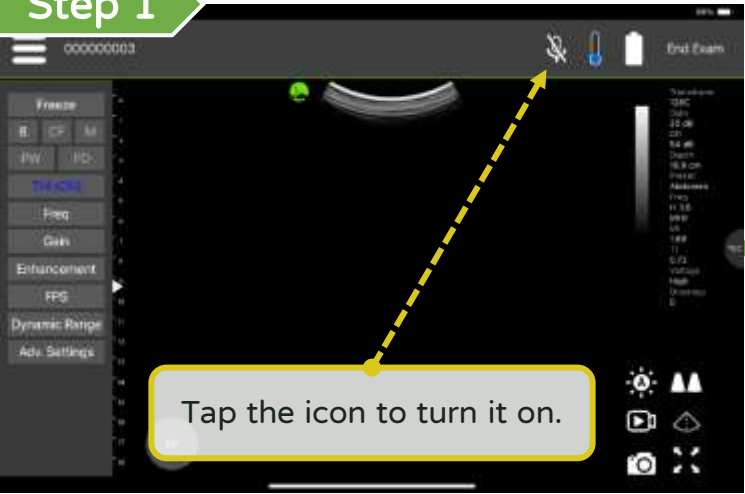
Adjust the depth

## Step 3

You can navigate to the app settings page to enable the button for adjusting the depth.

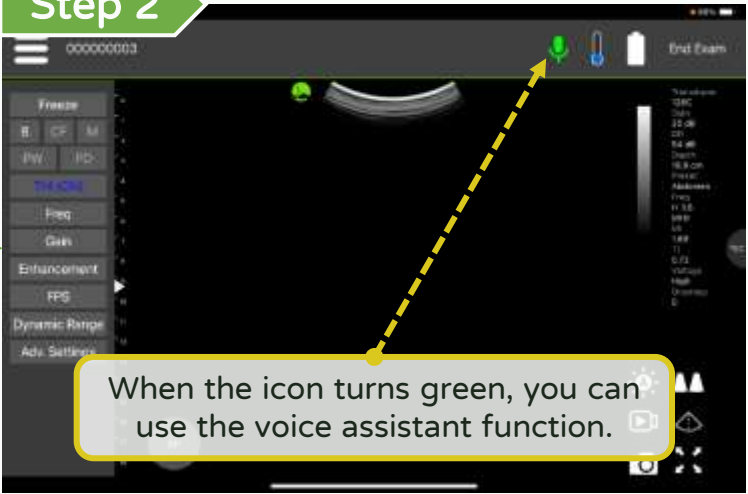


Step 1



Tap the icon to turn it on.

Step 2



When the icon turns green, you can use the voice assistant function.

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

【Android】



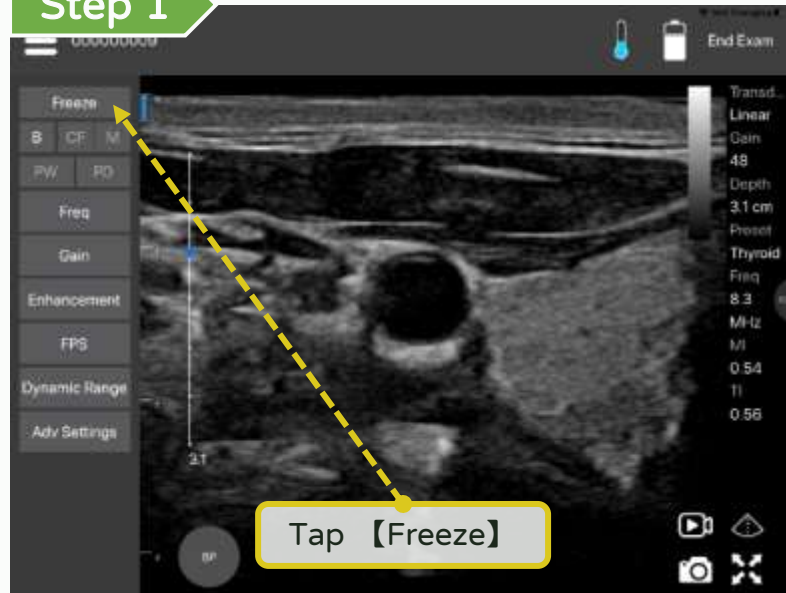
【iOS】



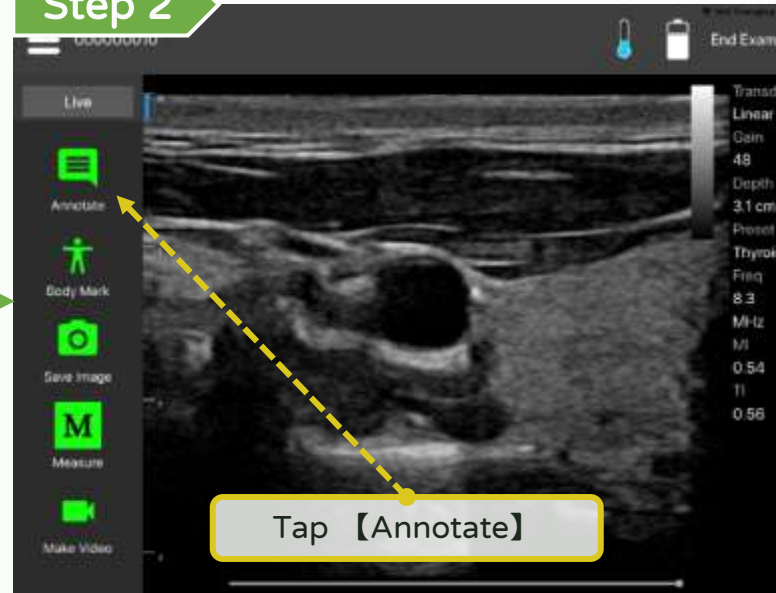
| Functions  | Voice Command |
|------------|---------------|
| Freeze     | Freeze        |
| Live       | Live          |
| Save image | Capture image |

【 Annotate, measure and save 】

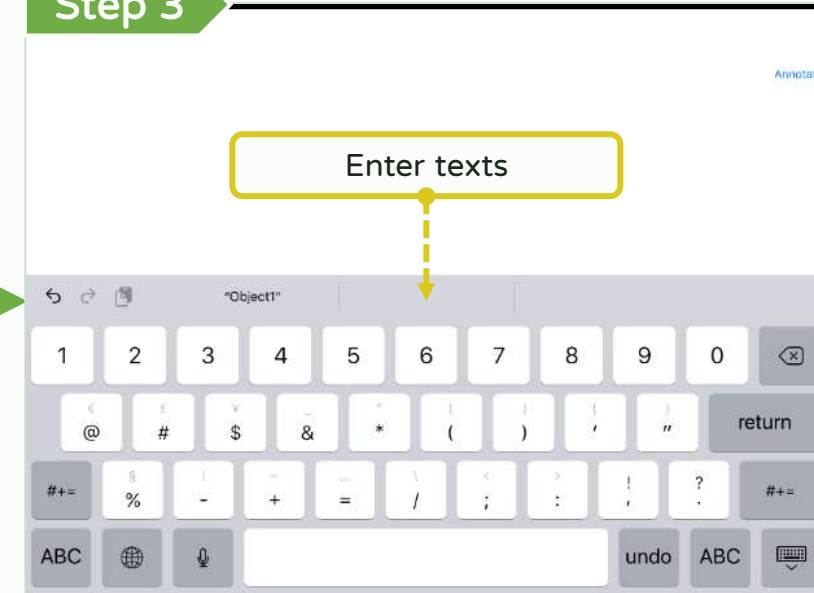
## Step 1



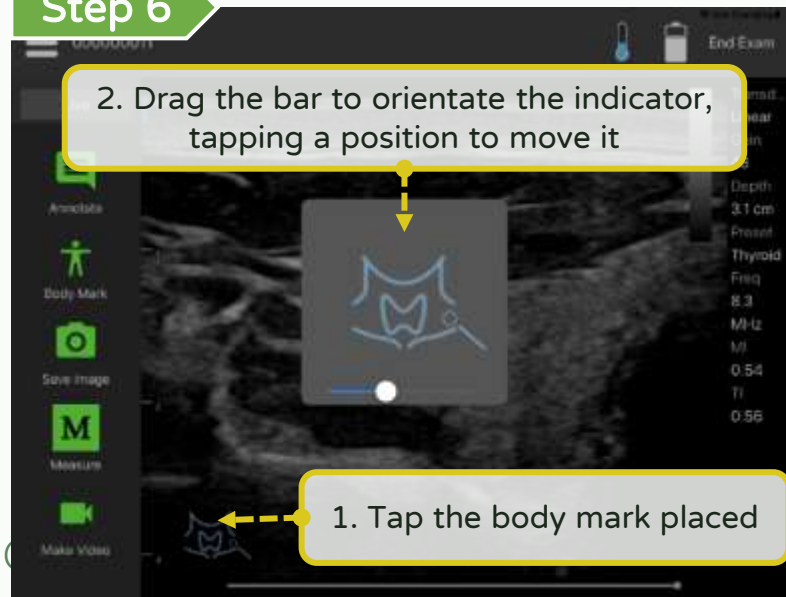
## Step 2



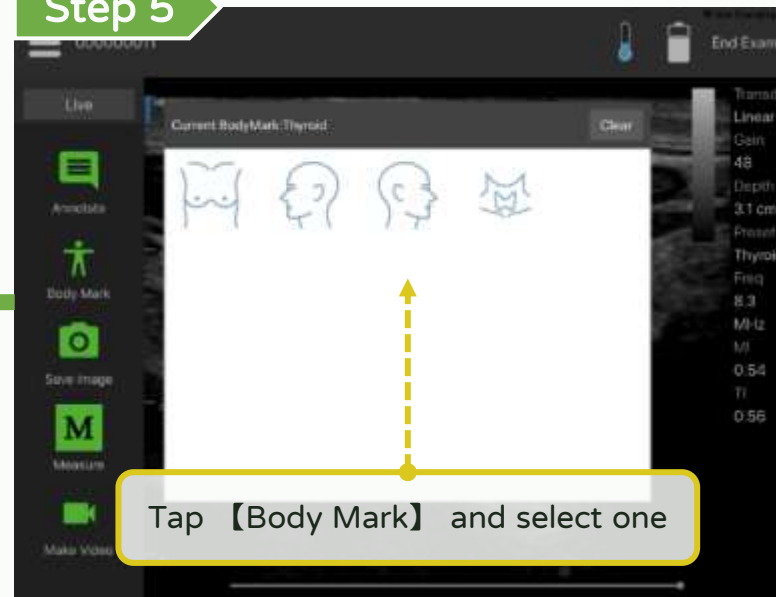
## Step 3



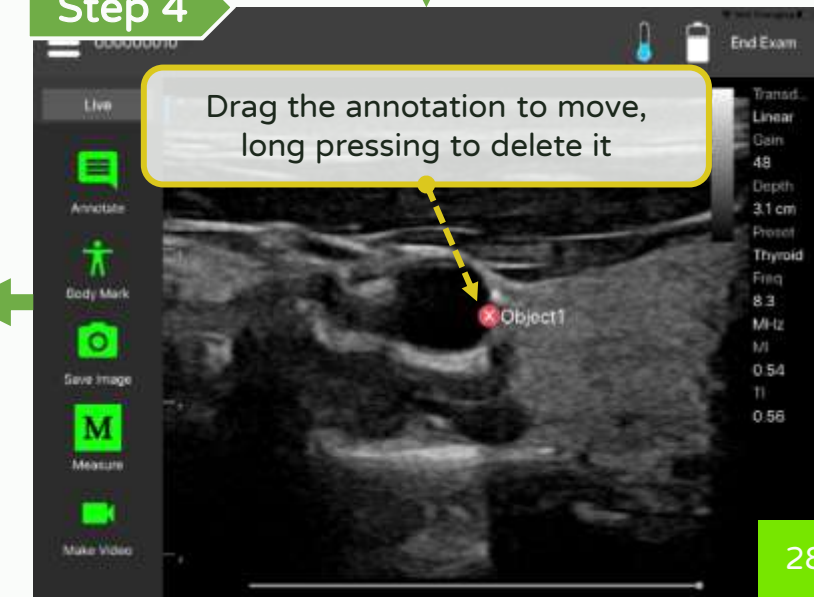
## Step 6



## Step 5

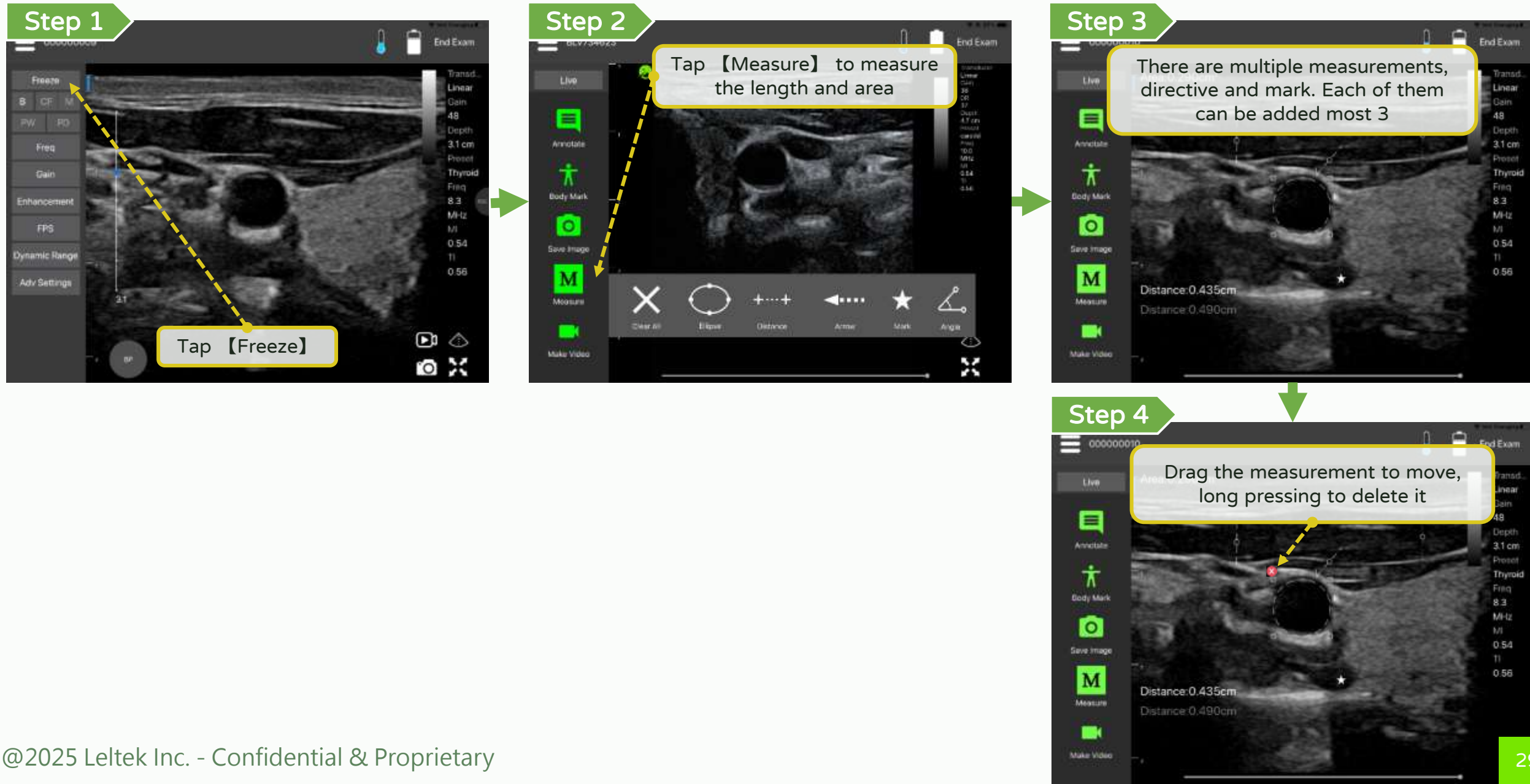


## Step 4



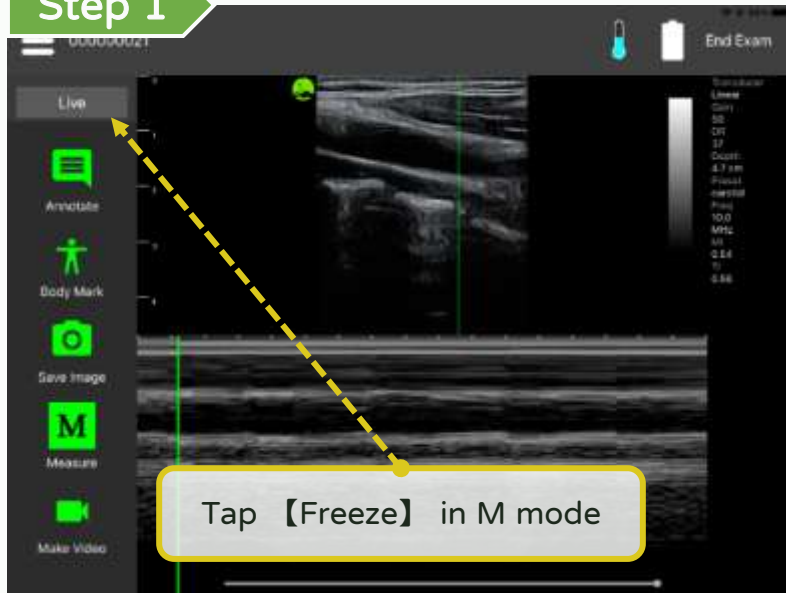
# Annotate, measure and save - Measure

LEL TEK

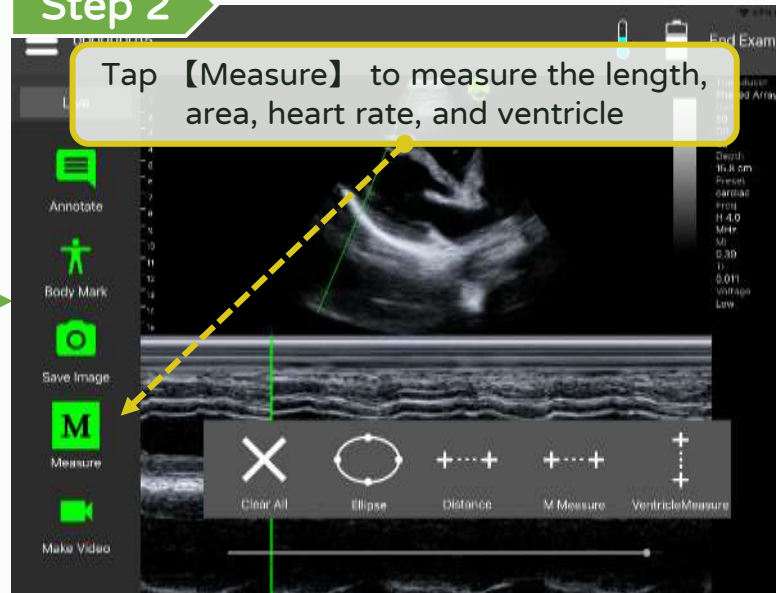


# Annotate, measure and save - Measure in M mode

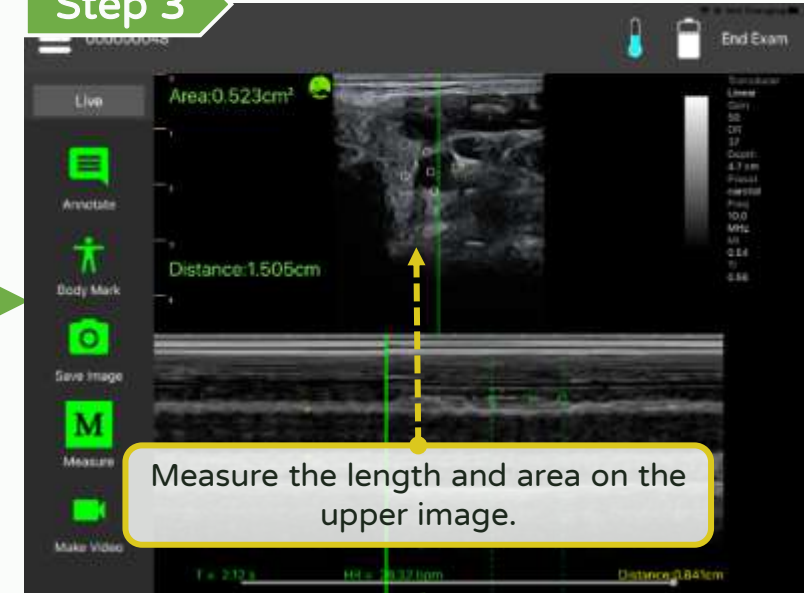
## Step 1



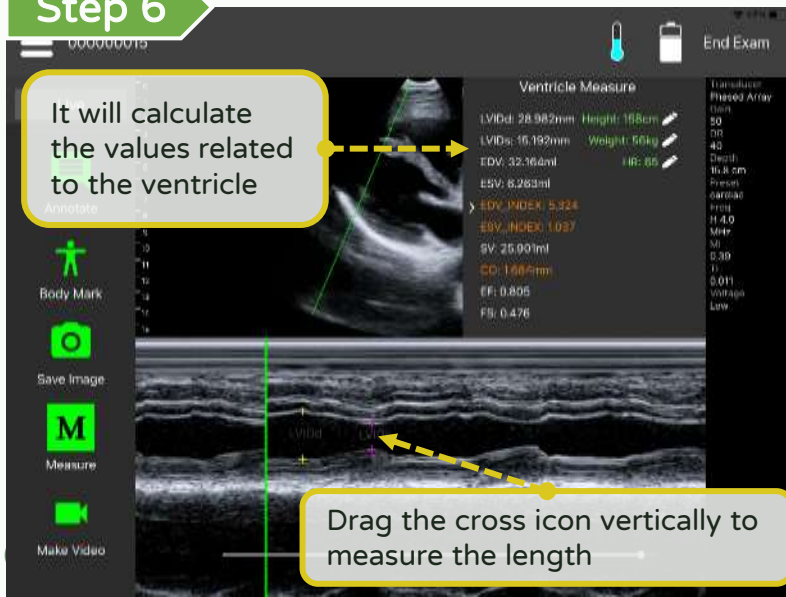
## Step 2



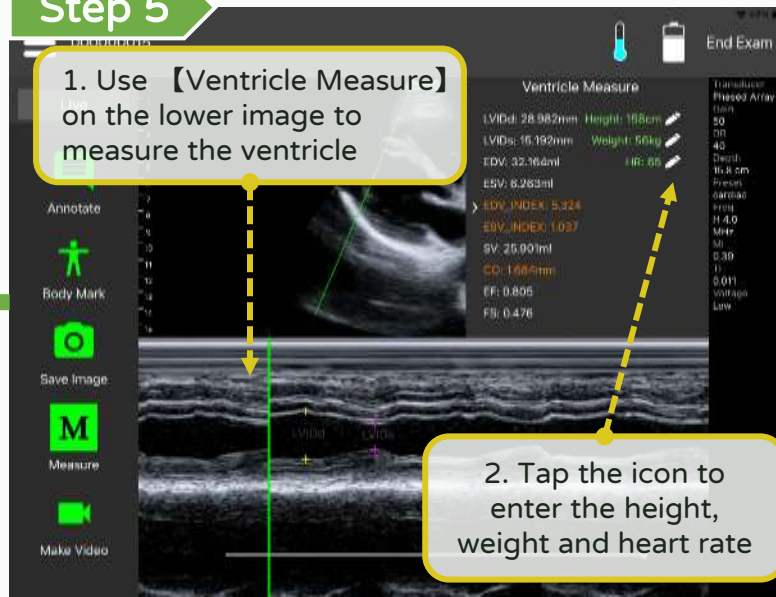
## Step 3



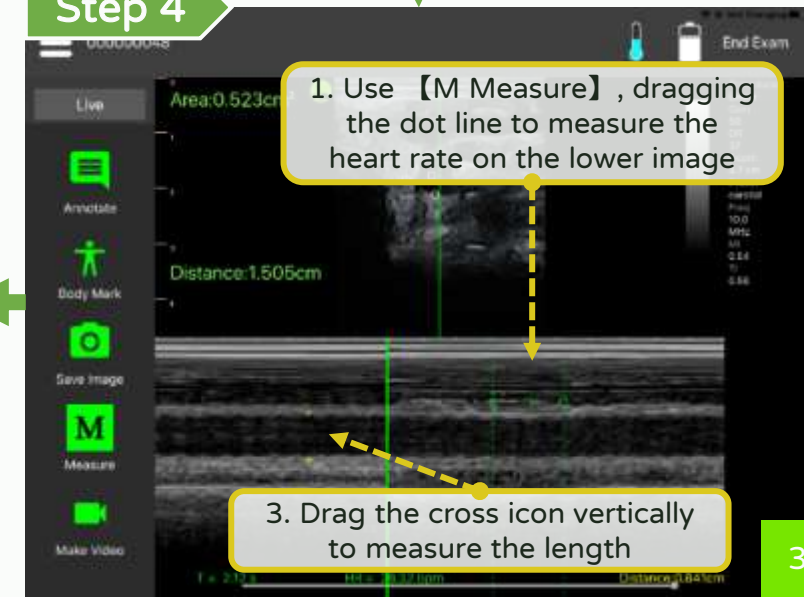
## Step 6



## Step 5

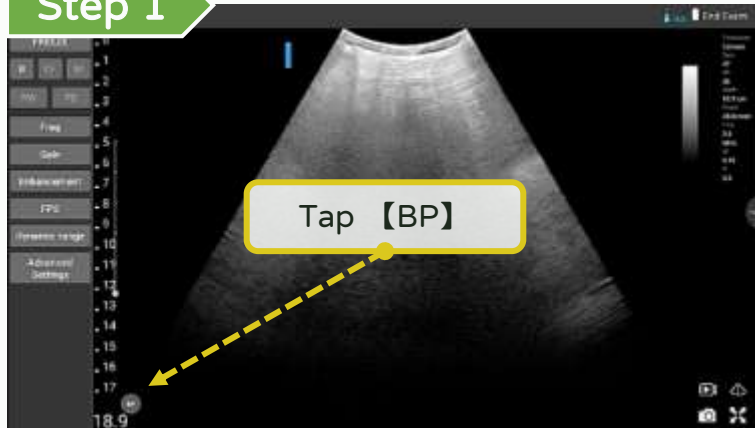


## Step 4

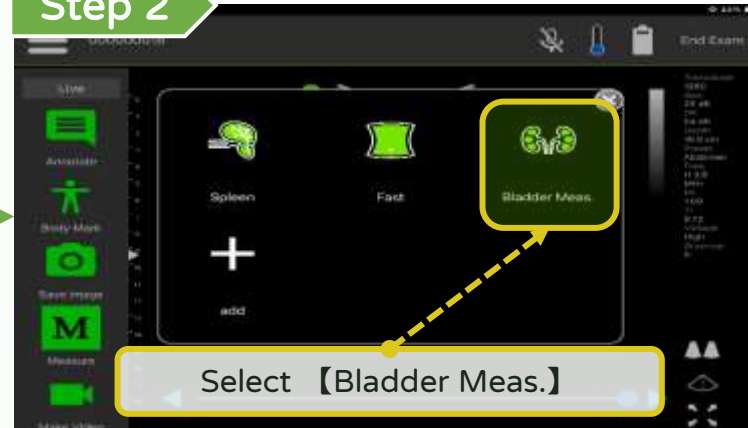


# Annotate, measure and save - Measure Bladder

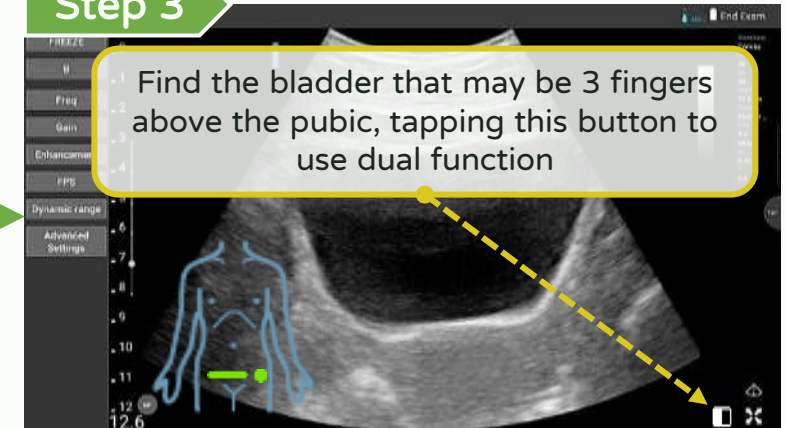
Step 1



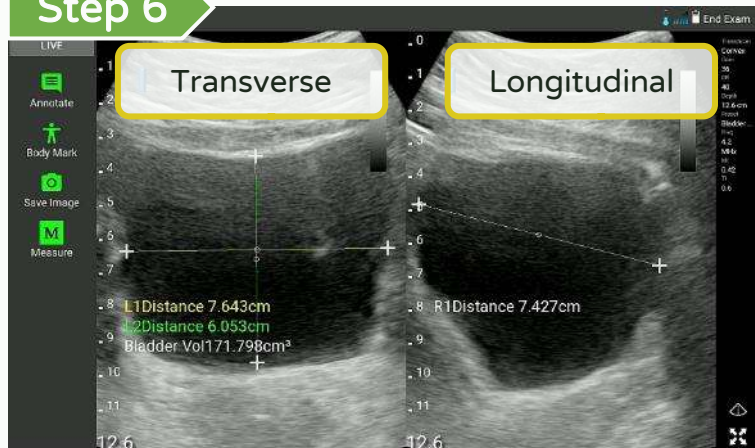
Step 2



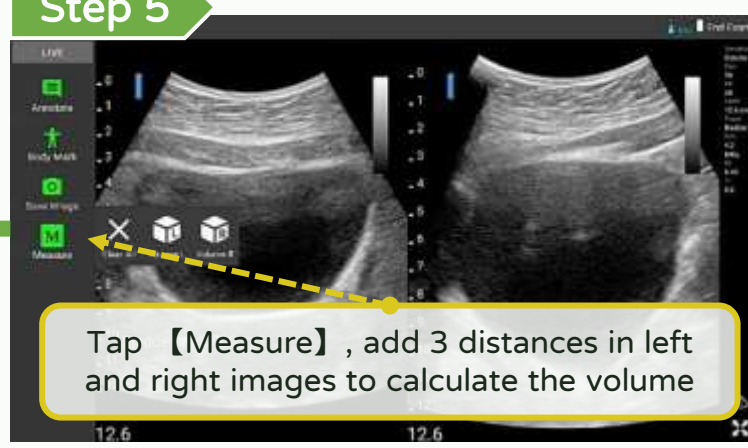
Step 3



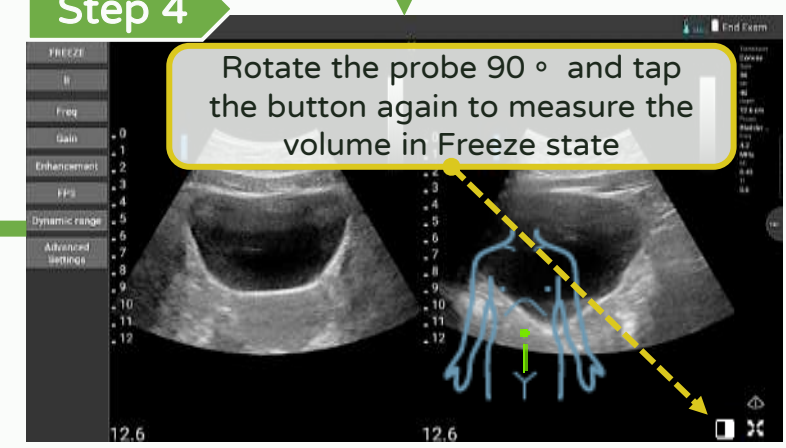
Step 6



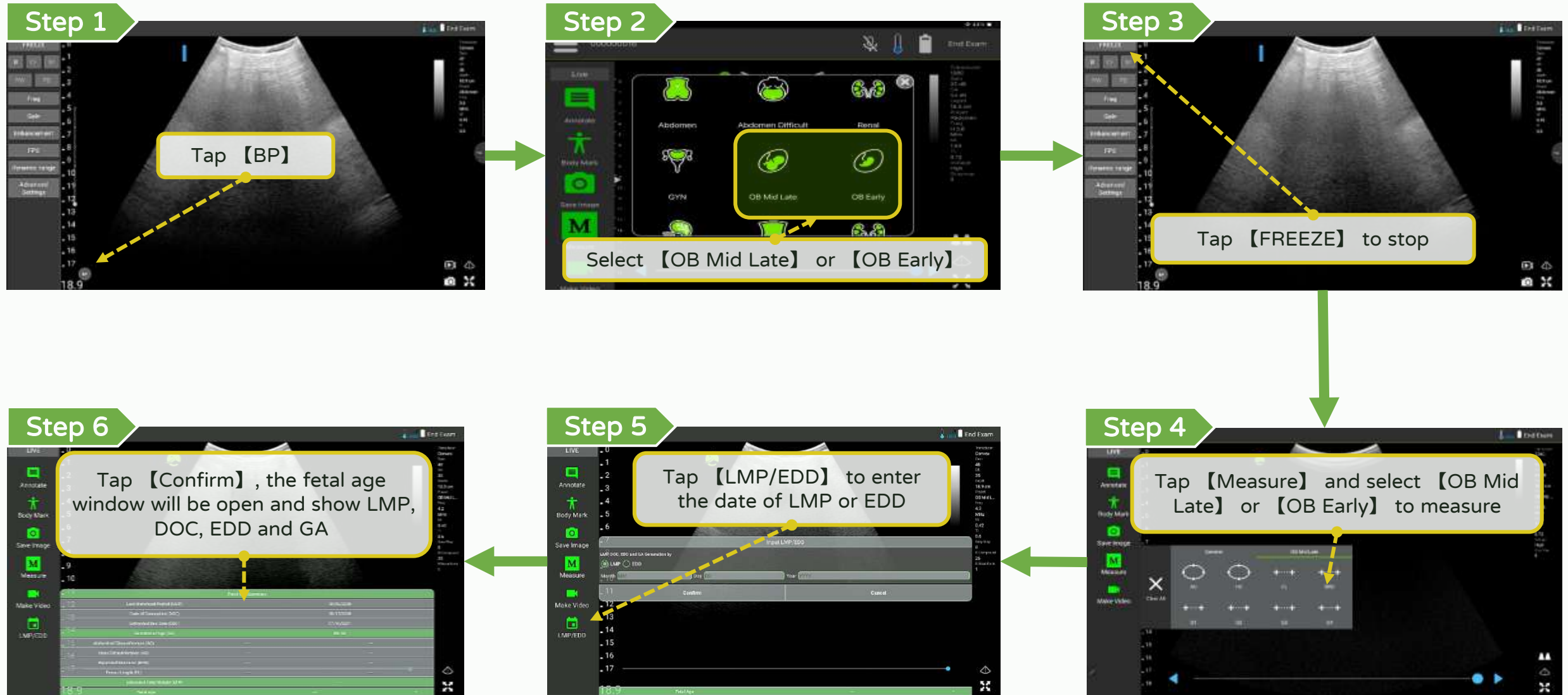
Step 5



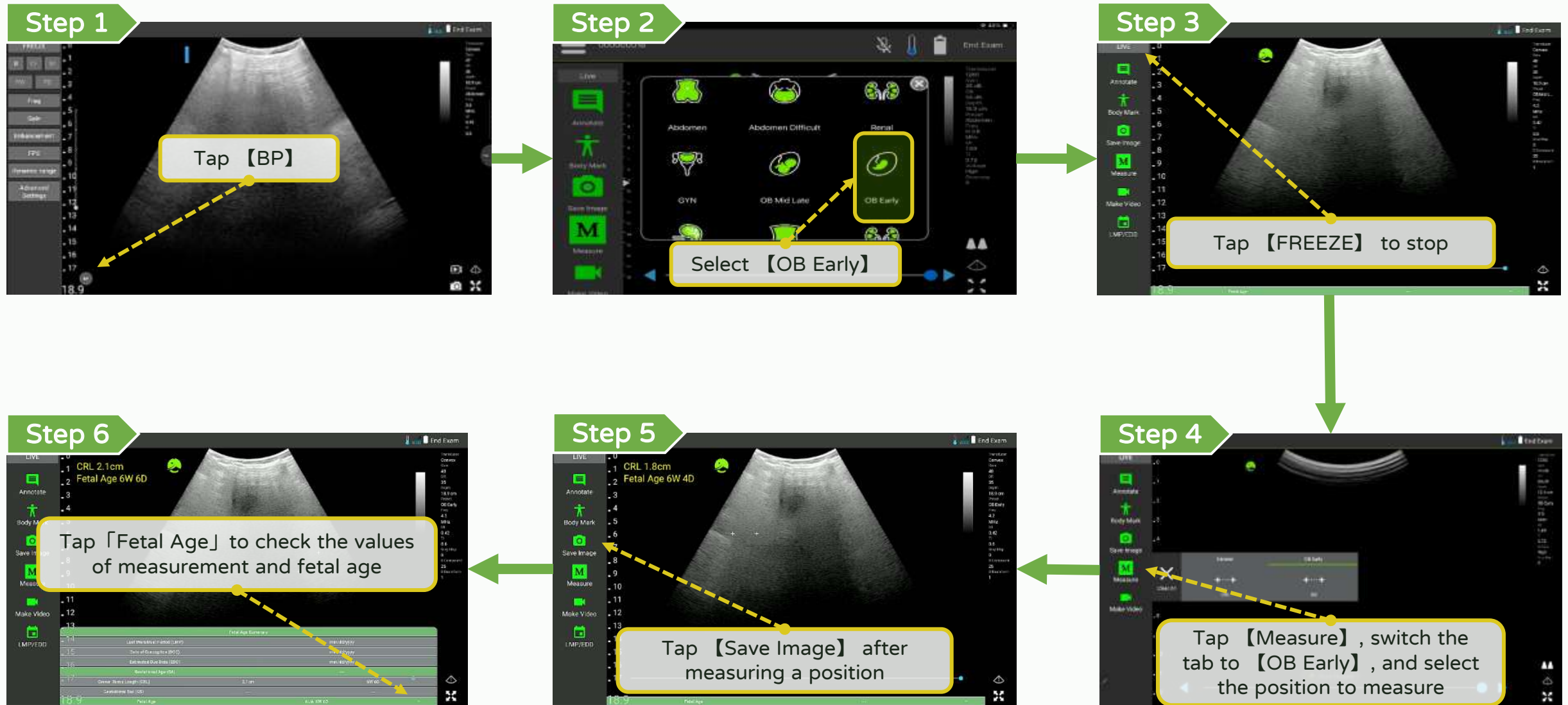
Step 4



# Annotate, measure and save - Calculating the gestational age **LEL TEK**

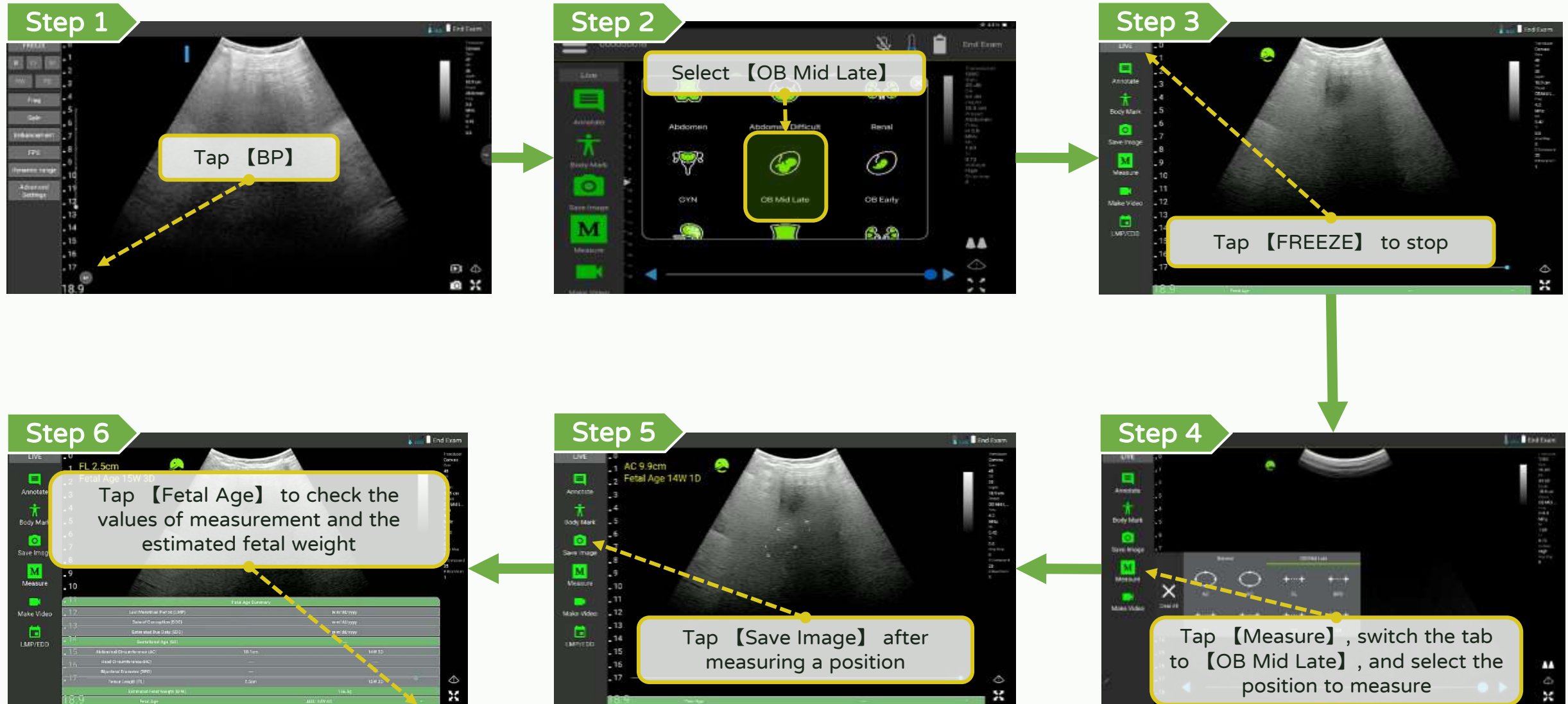


# Annotate, measure and save - Measuring in OB early



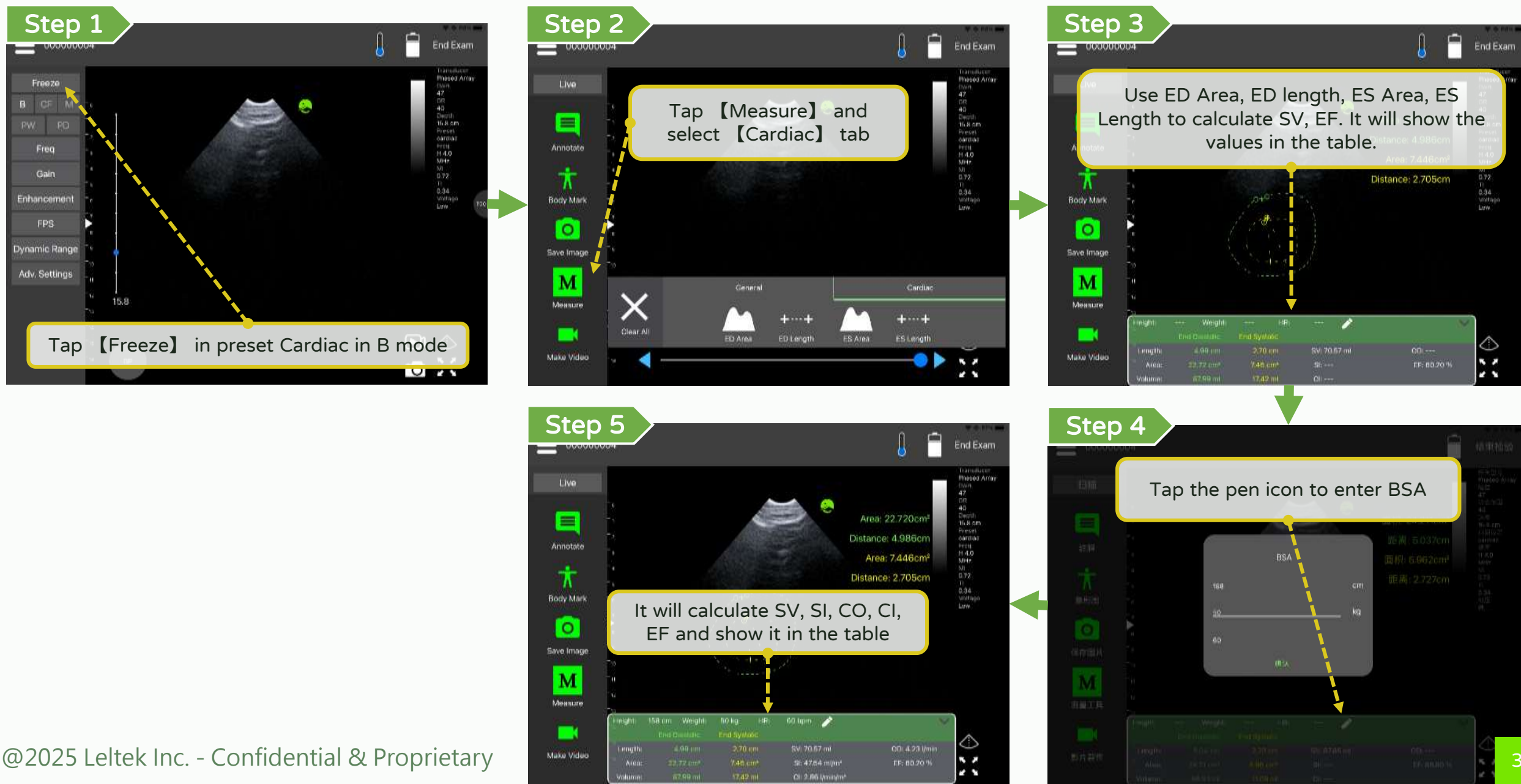
# Annotate, measure and save - Measuring in OB mid late

LEL TEK



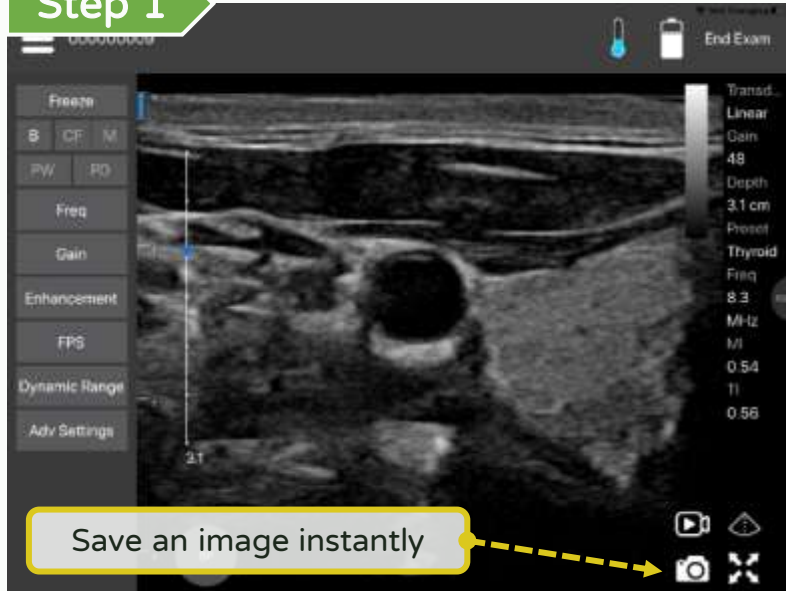
# Annotate, measure and save - Measuring cardiac in B mode

LEL TEK

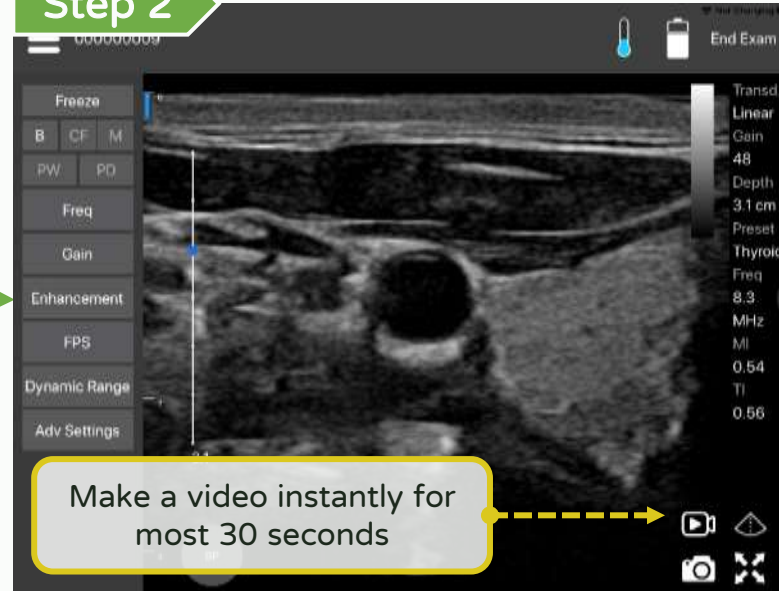


# Annotate, measure and save - Save (Instant)

## Step 1



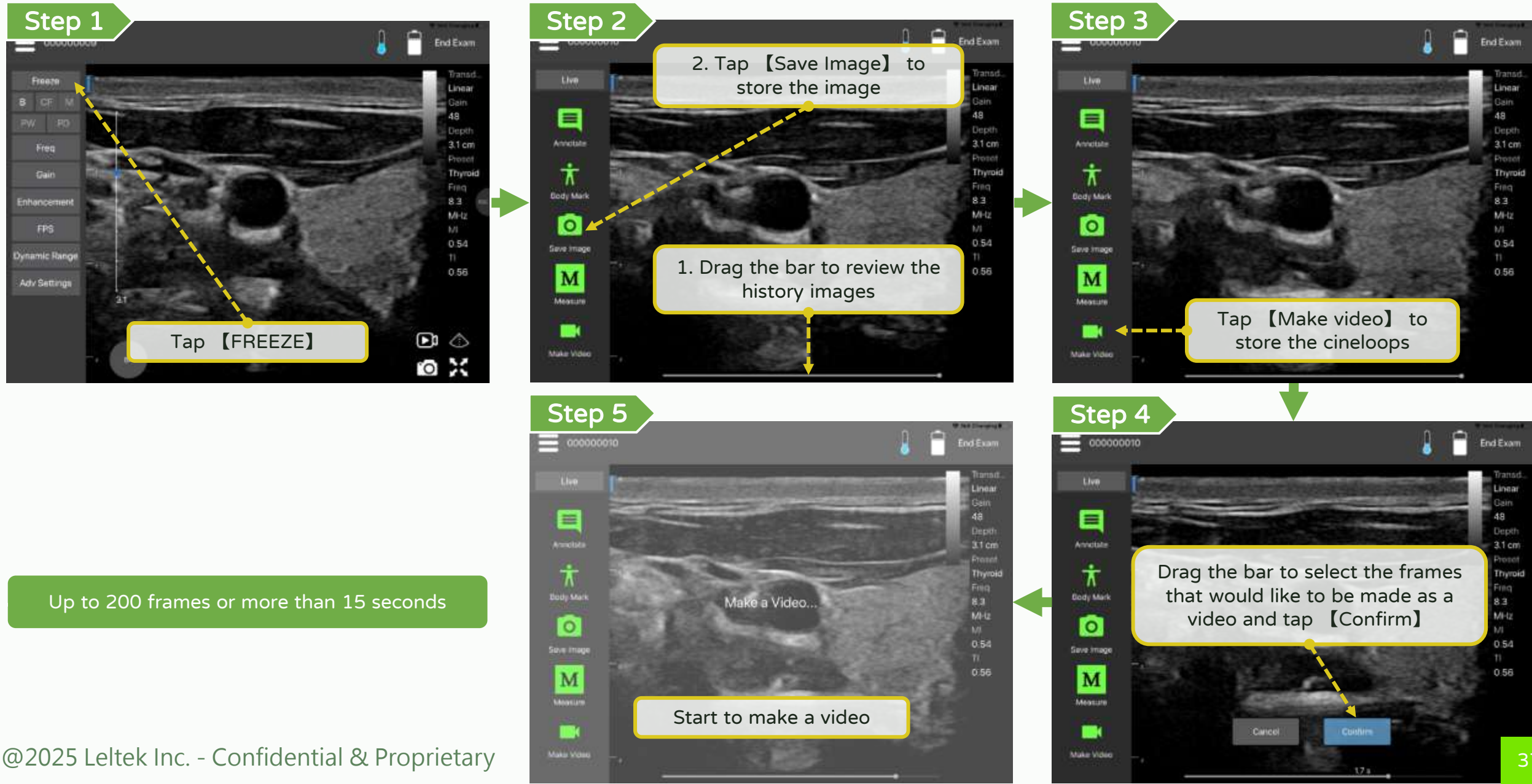
## Step 2

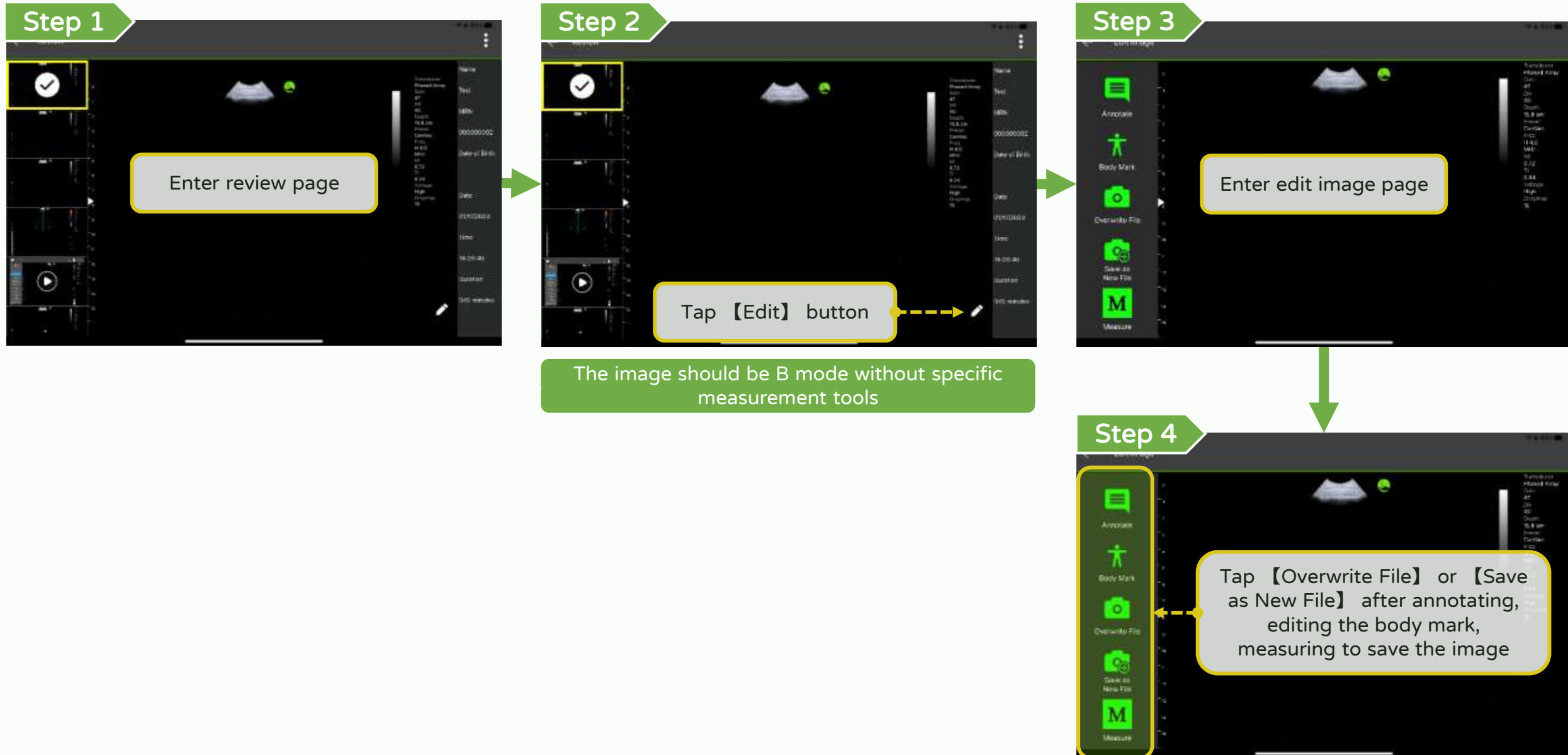


Up to 200 frames or more than 15 seconds

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

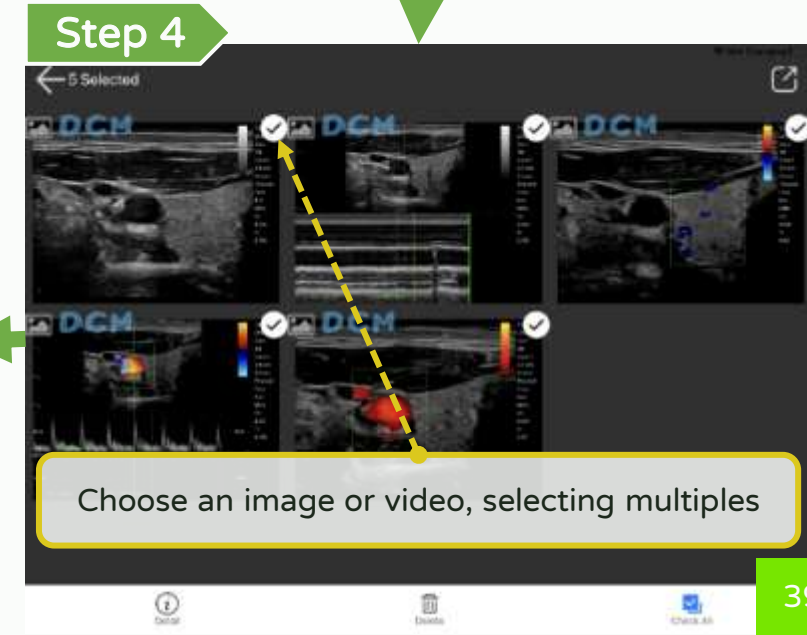
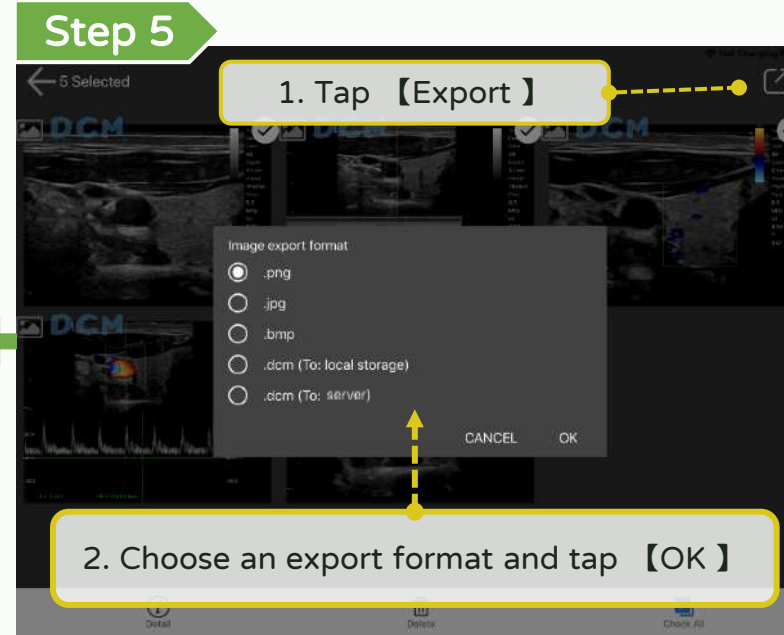
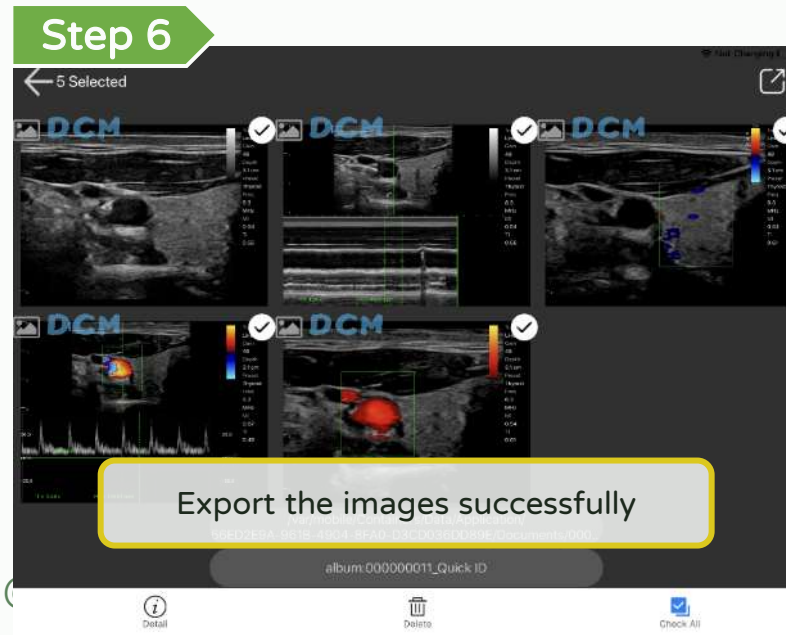
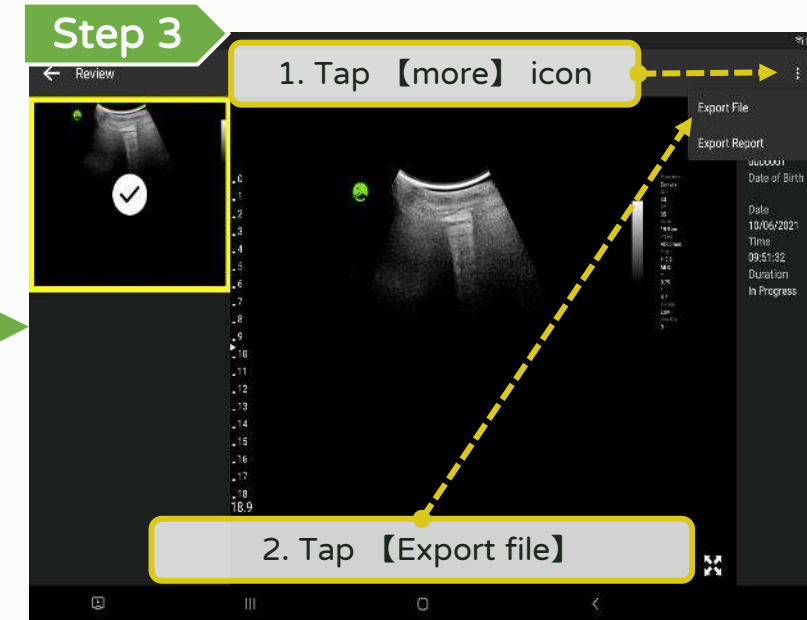
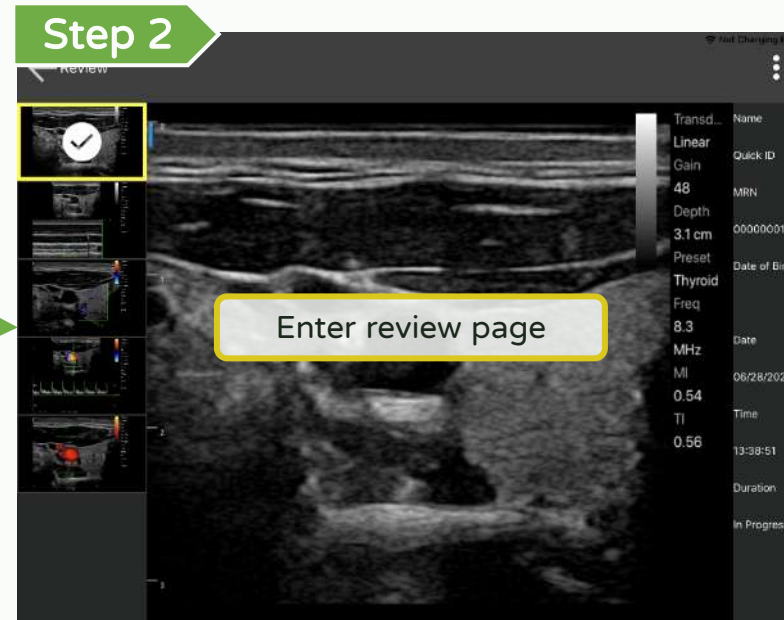
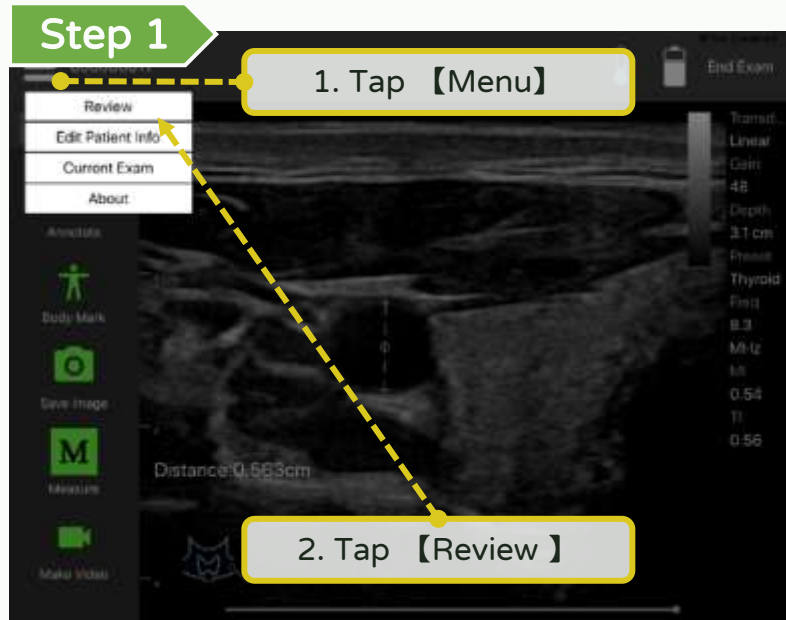
LEL TEK



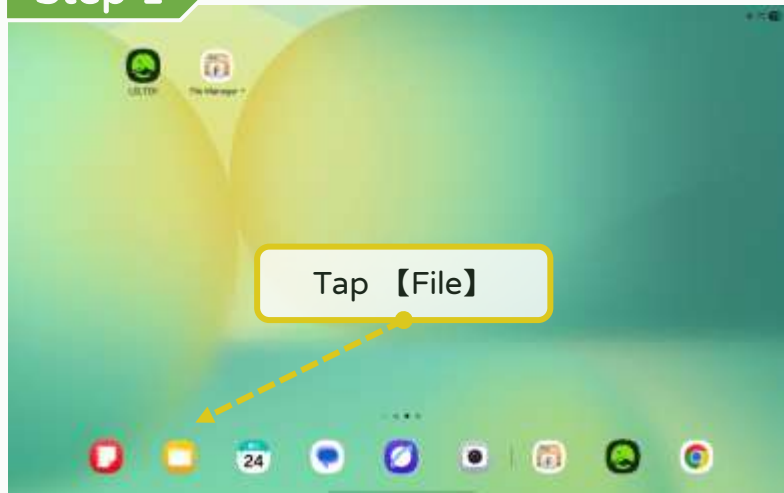


# Annotate, measure and save - Export

\*Please export the files regularly to avoid data loss. **LEL TEK**

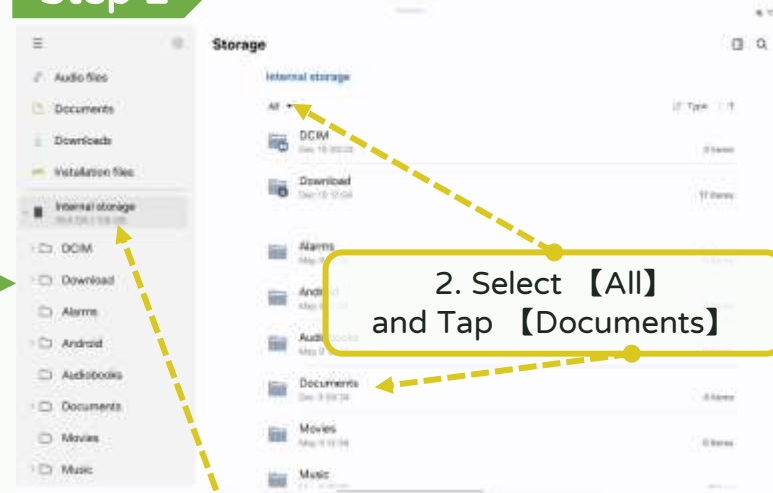


## Step 1

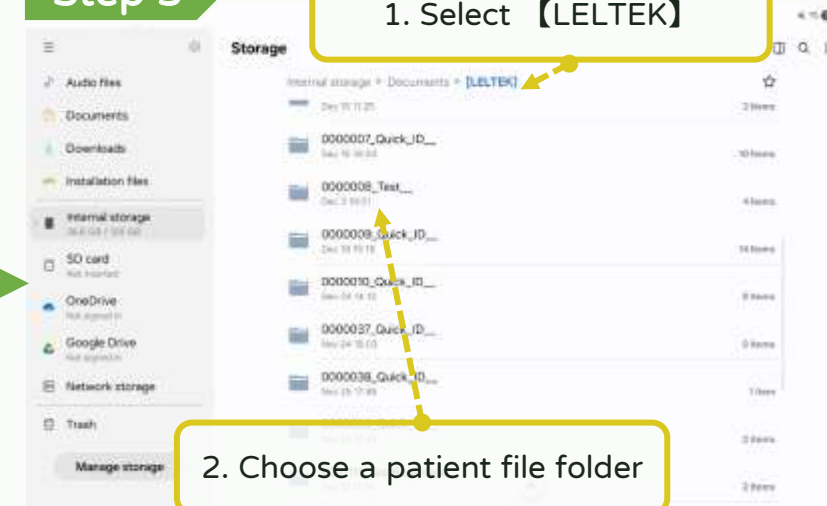


The folder where files are placed in each smart device is different, please refer to the device manual

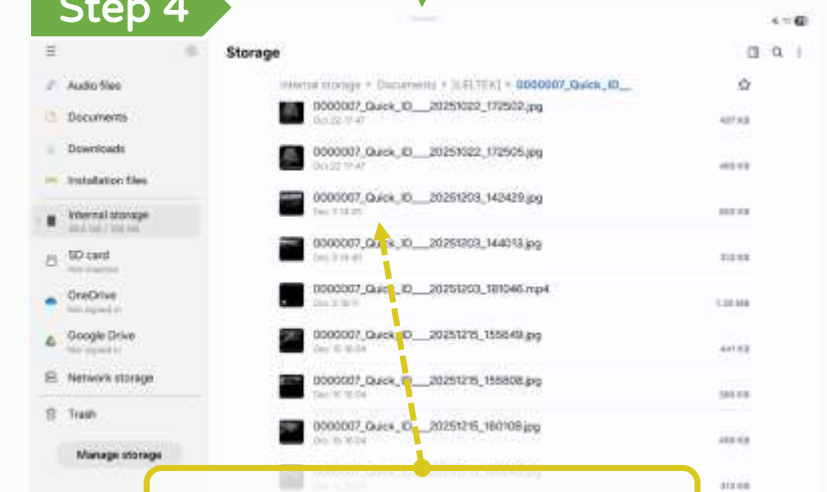
## Step 2



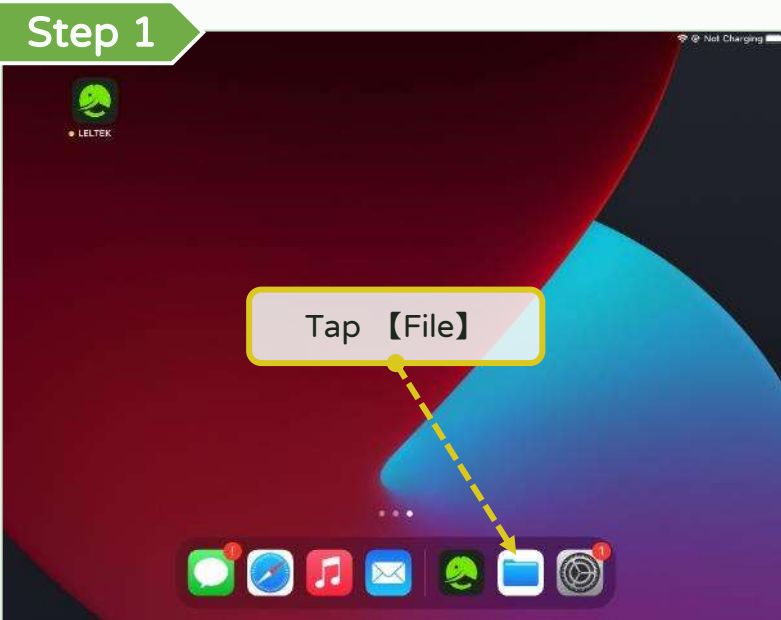
## Step 3



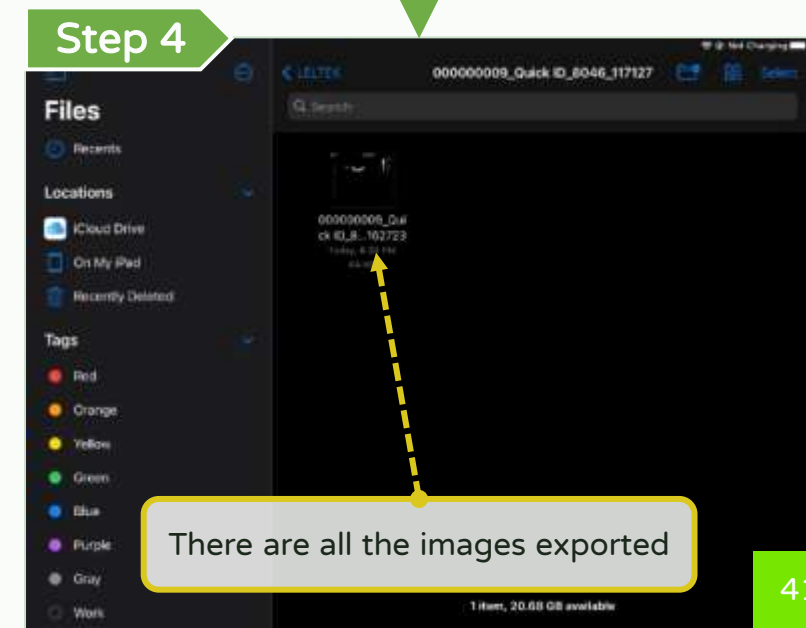
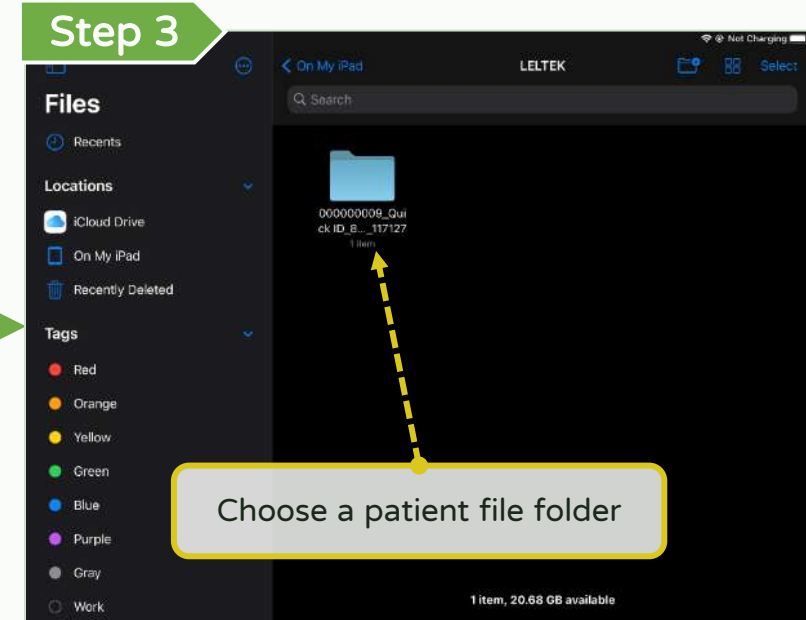
## Step 4



# Annotate, measure and save - Export path (iOS)

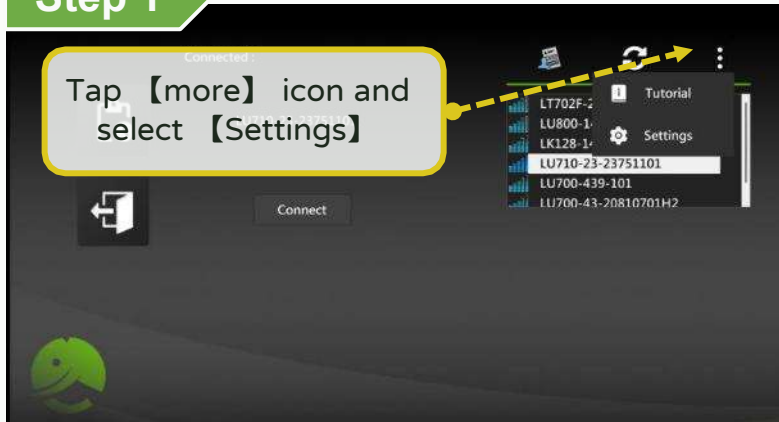


The folder where files are placed in each smart device is different, please refer to the device manual



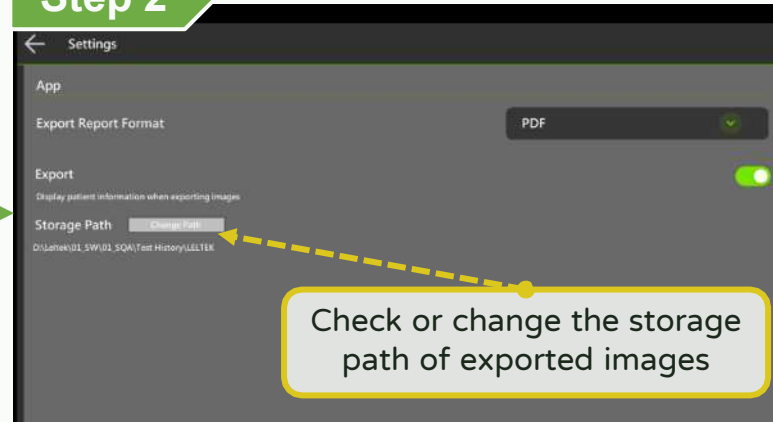
## Step 1

Tap **【more】** icon and select **【Settings】**



## Step 2

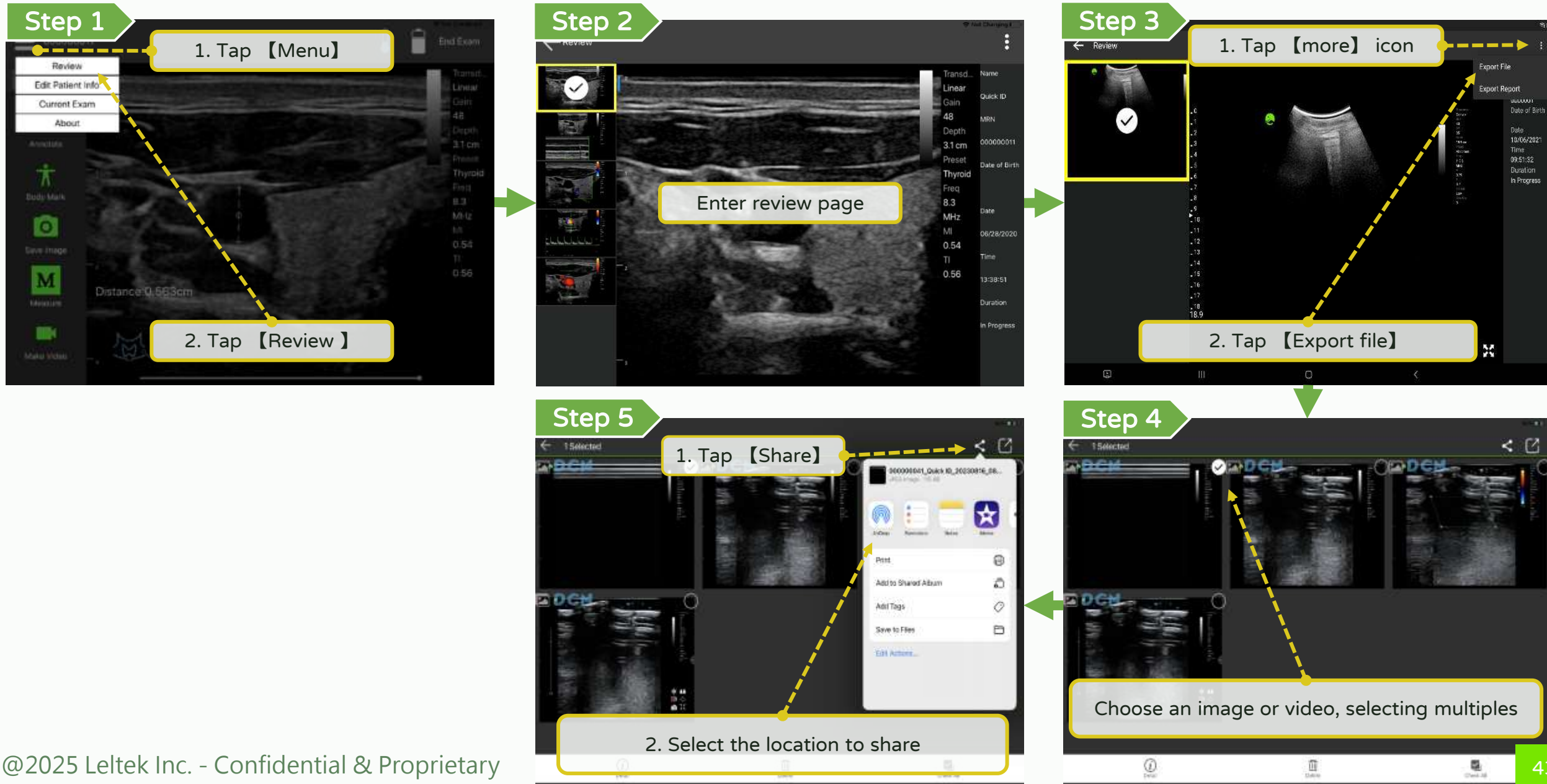
Check or change the storage path of exported images



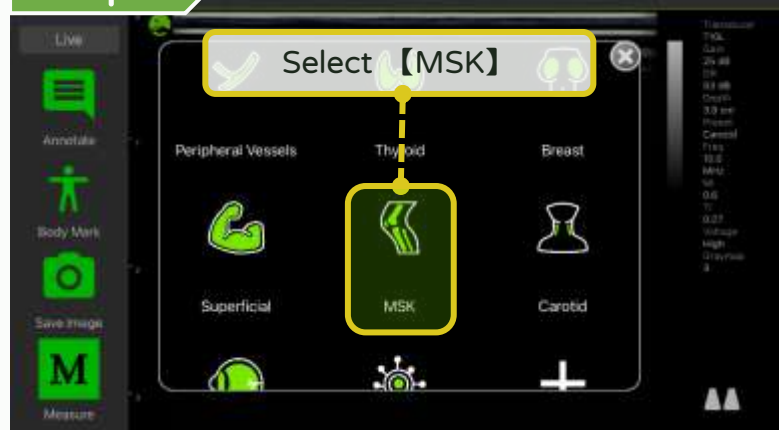
The default path is  
C:\Users\<username>\Documents\LELTEK

# Annotate, measure and save - Share

LEL TEK



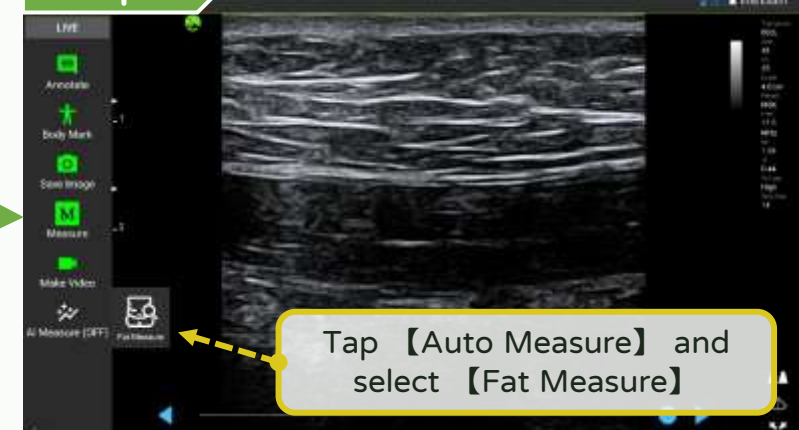
Step 1



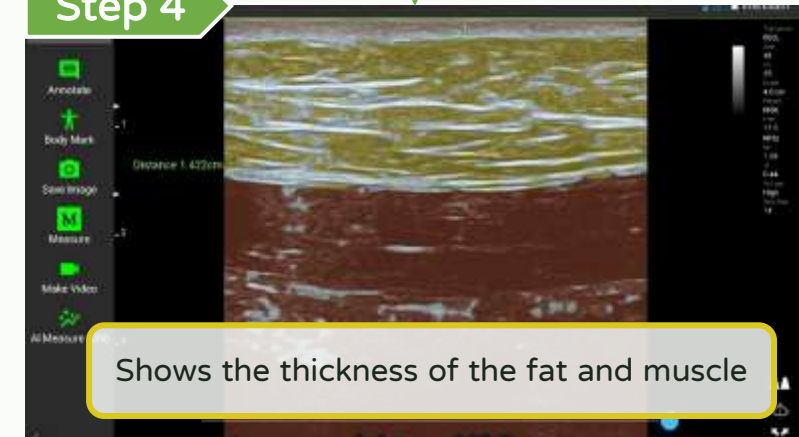
Step 2



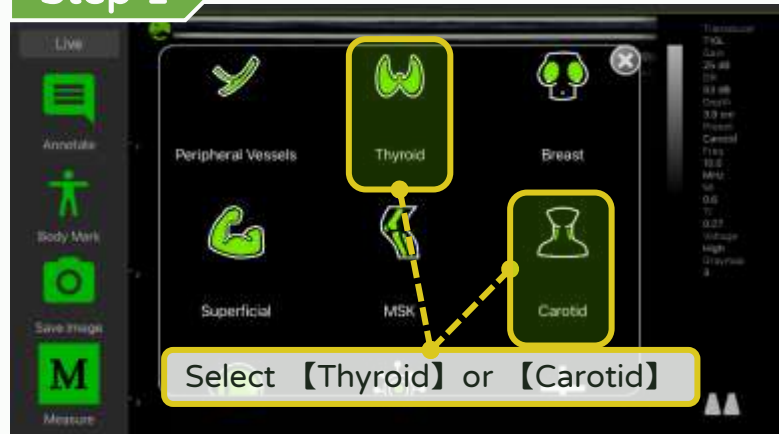
Step 3



Step 4



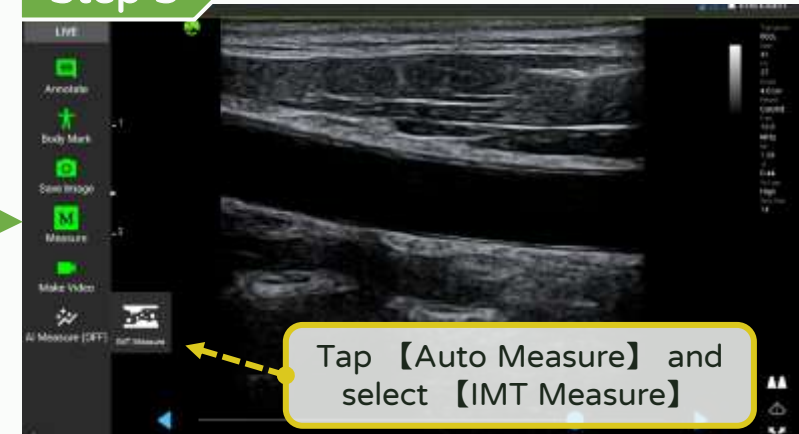
## Step 1



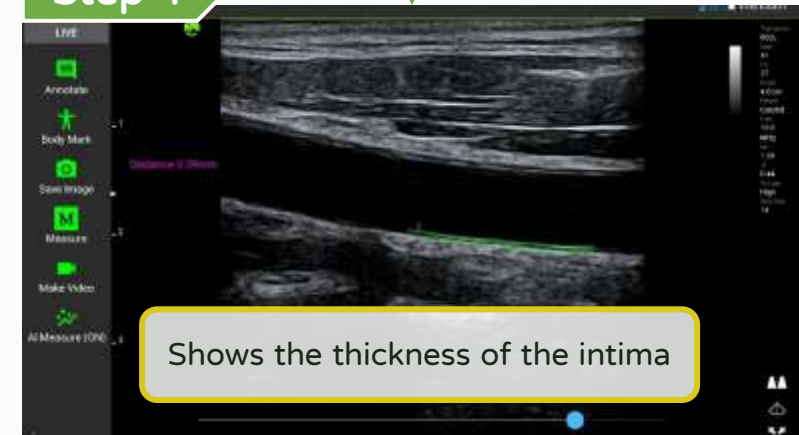
## Step 2



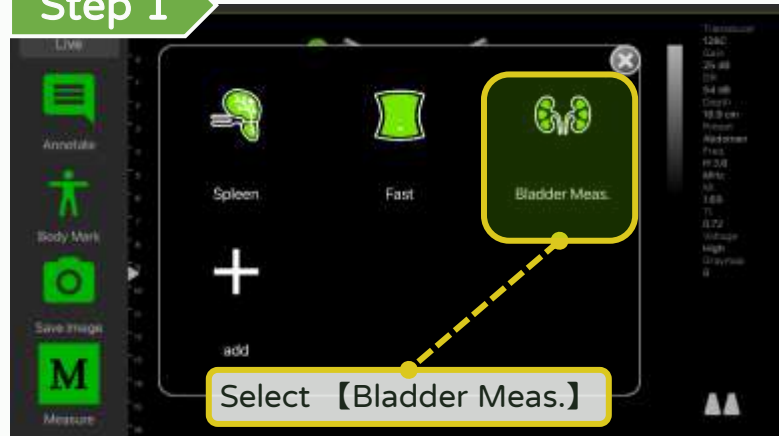
## Step 3



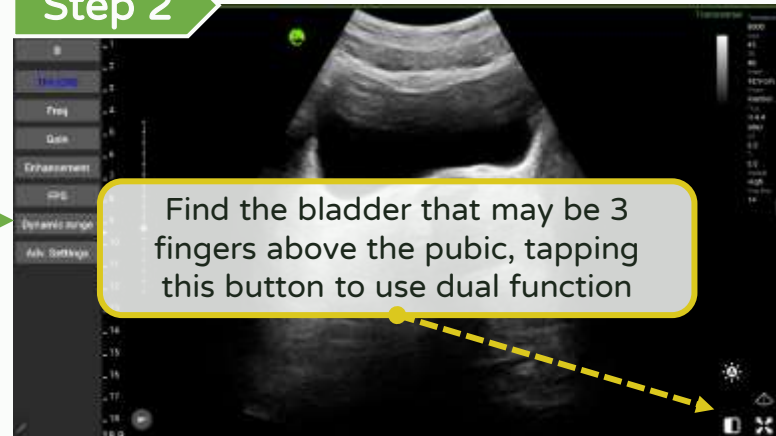
## Step 4



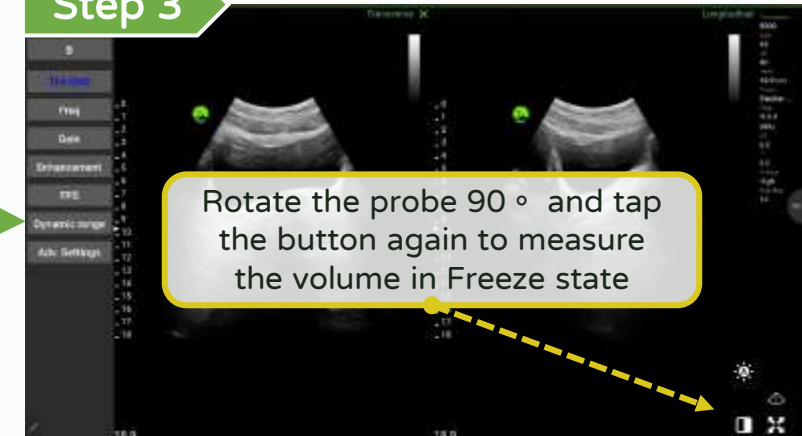
## Step 1



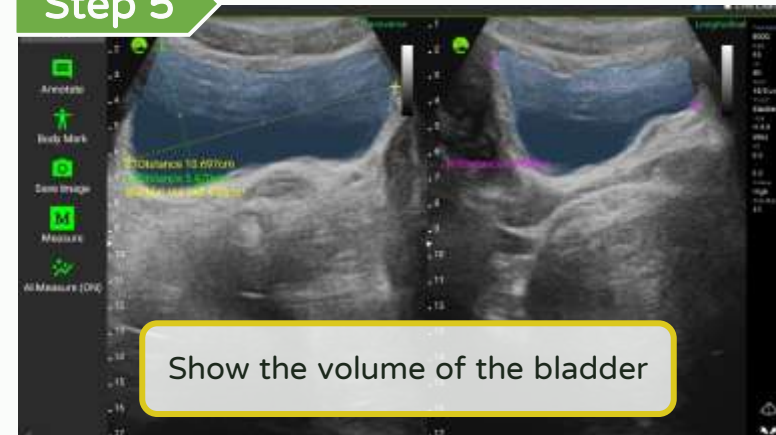
## Step 2



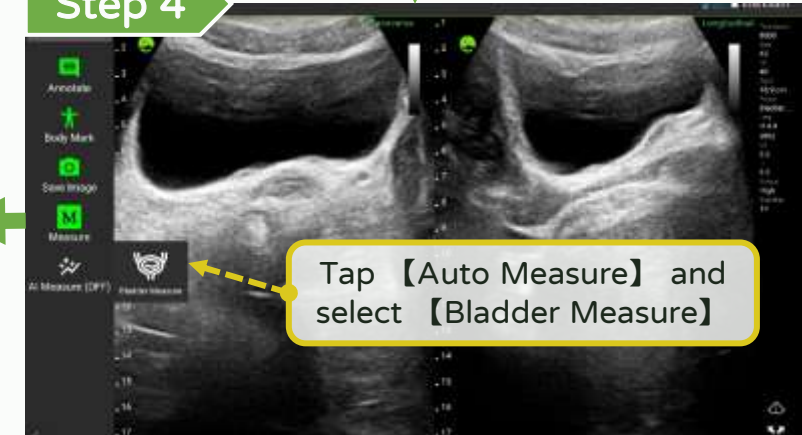
## Step 3



## Step 5



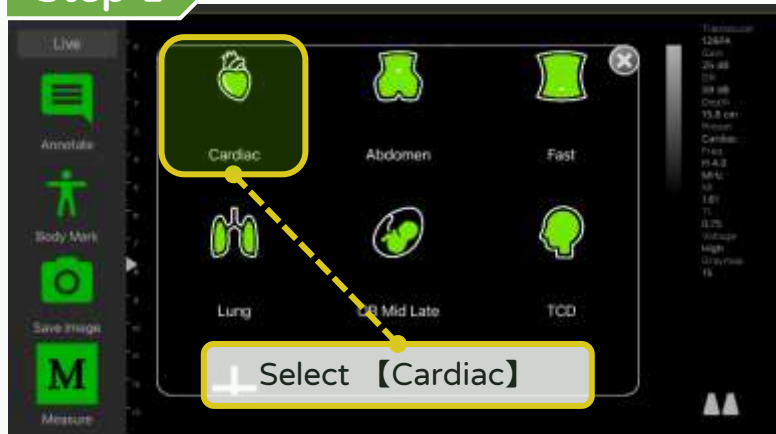
## Step 4



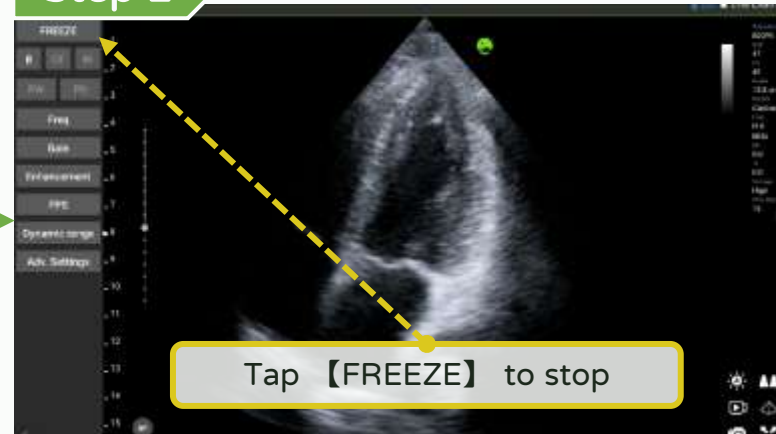
# Annotate, measure and save - Auto Measure (EF)

LEL TEK

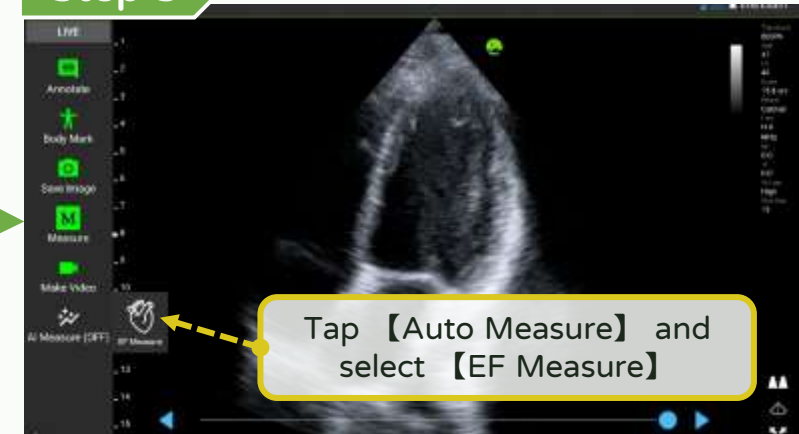
Step 1



Step 2



Step 3



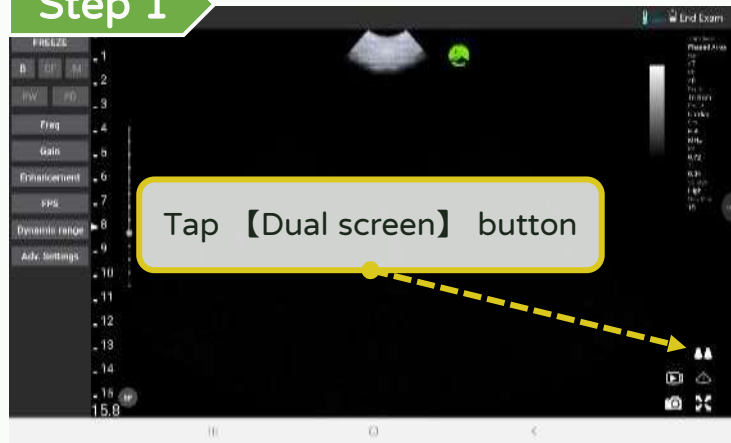
Step 4



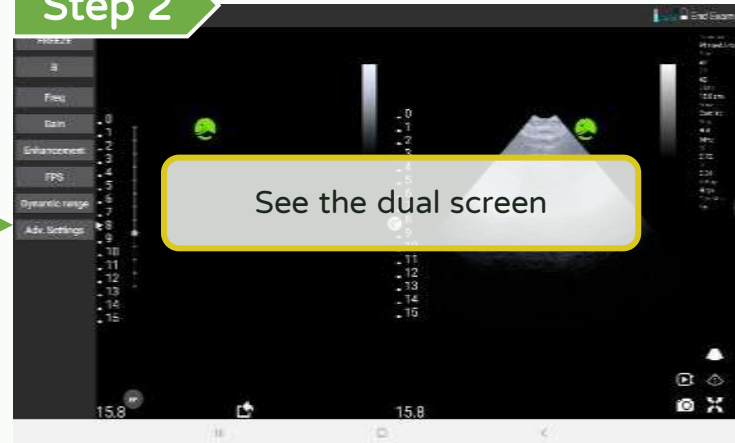
【Dual screen】

# Dual Screen - Turn on / off

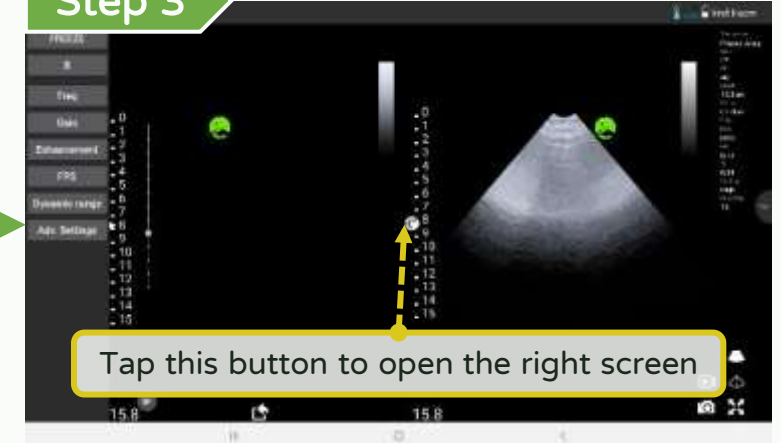
Step 1



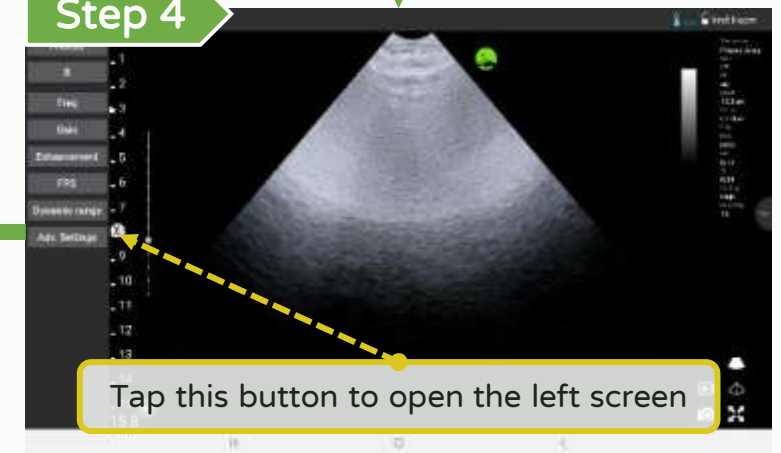
Step 2



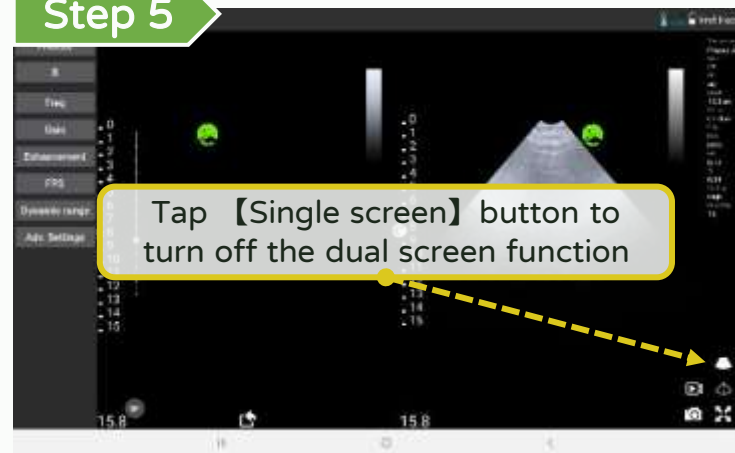
Step 3



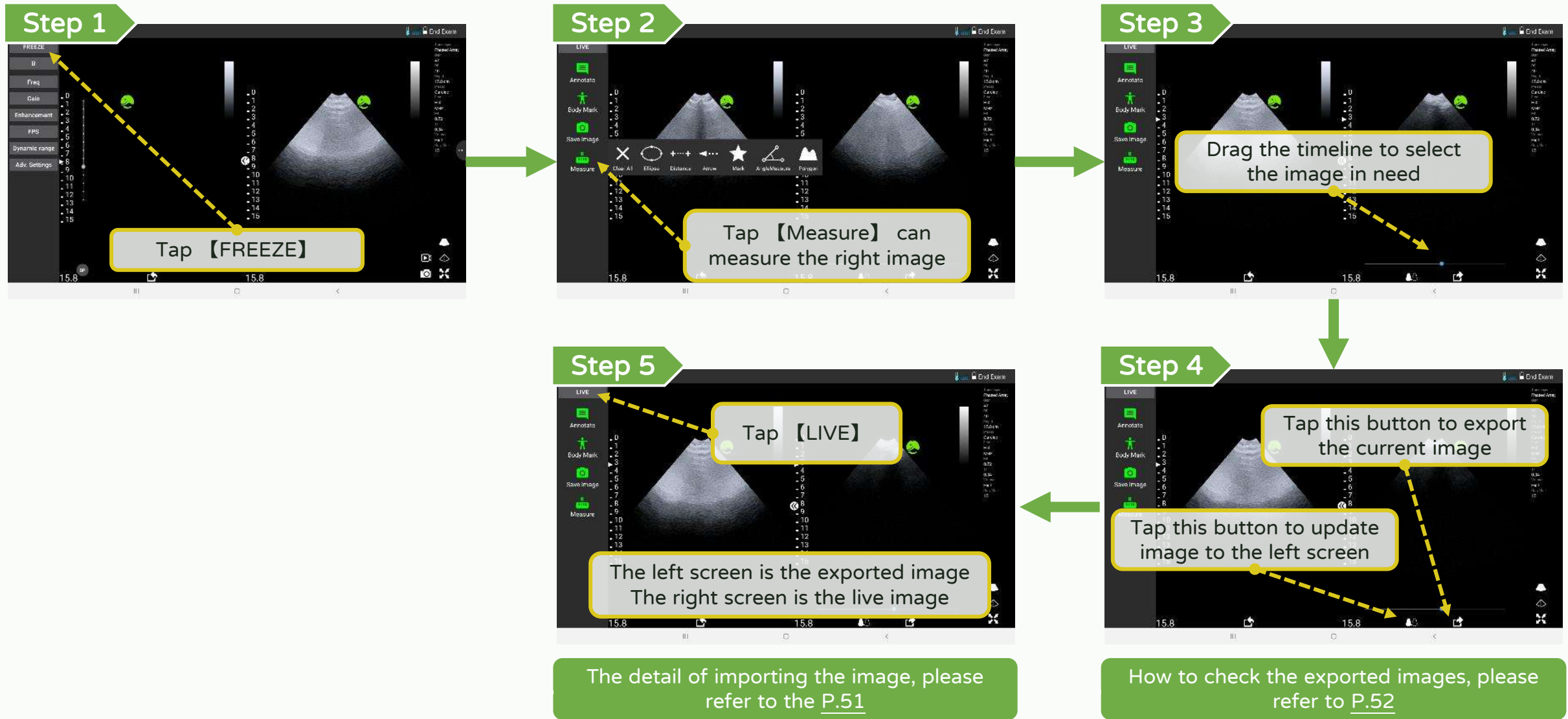
Step 4



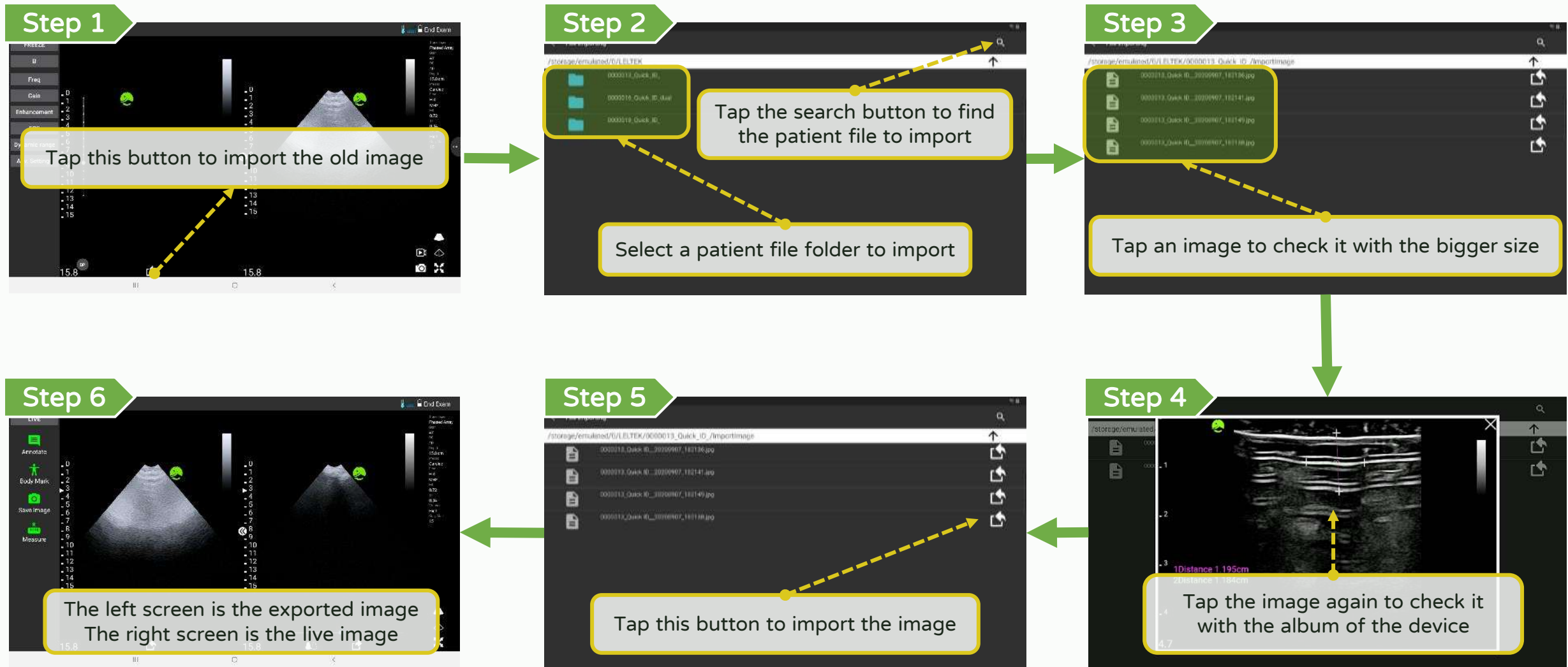
Step 5



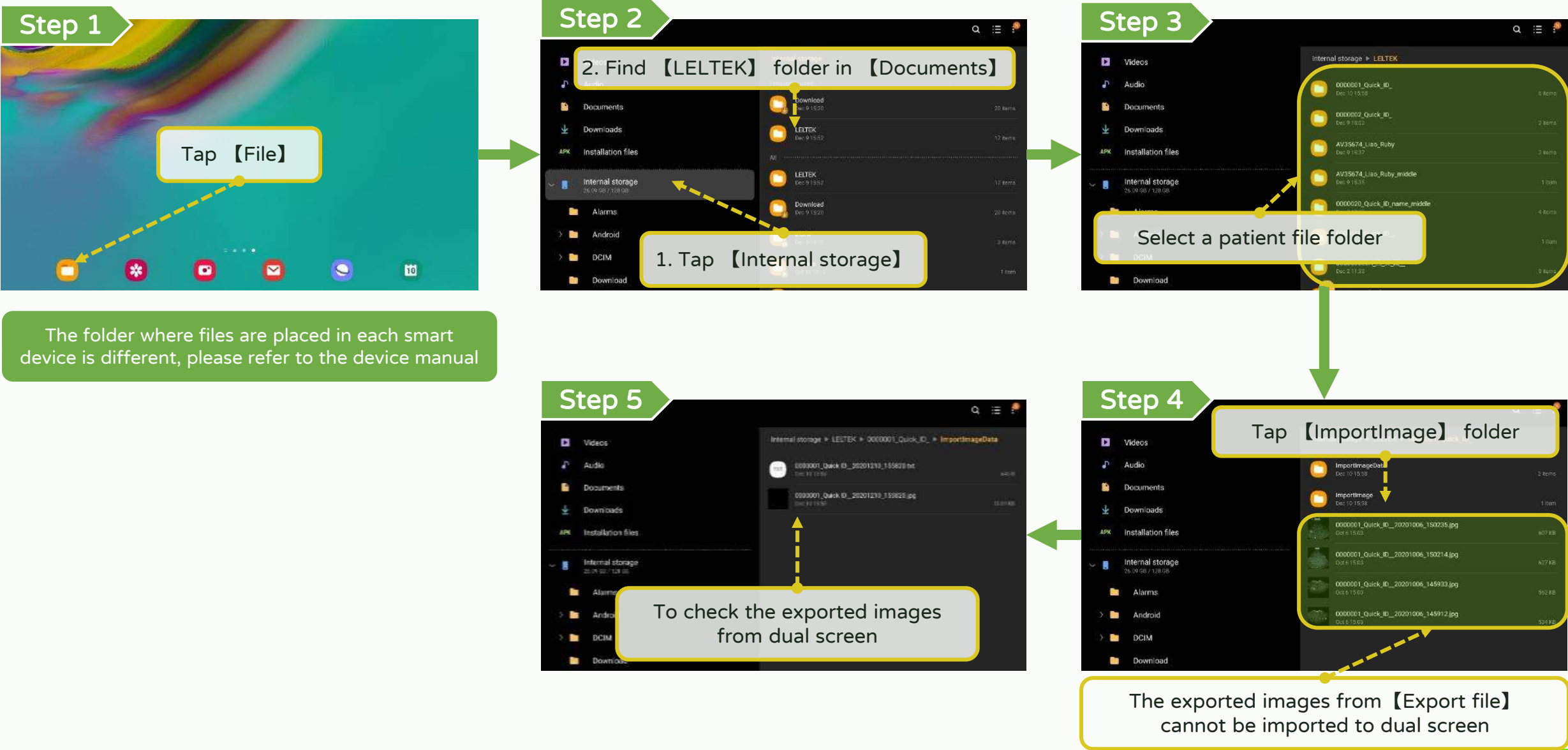
# Dual Screen - Measure and export the current image



# Dual Screen - Import the old image

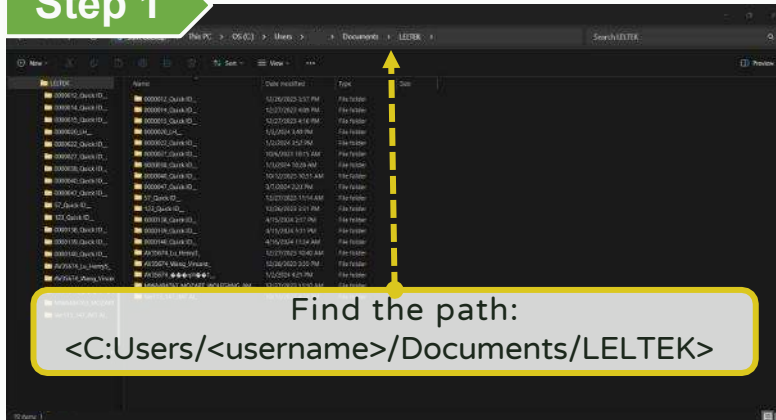


# Dual Screen - Check the image exported (Android/iOS)



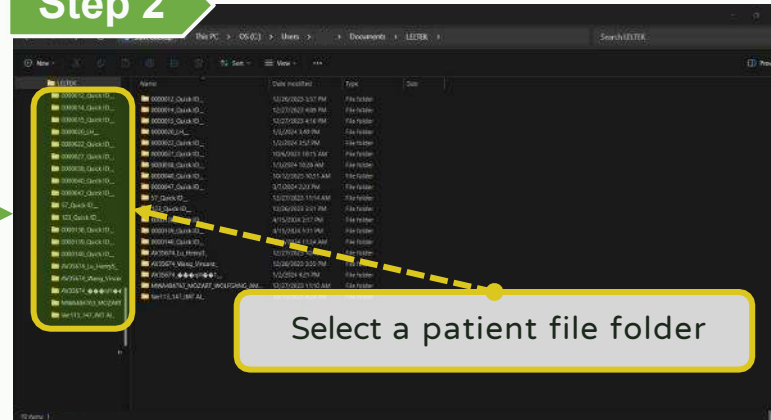
# Dual Screen - Check the image exported (Windows)

## Step 1

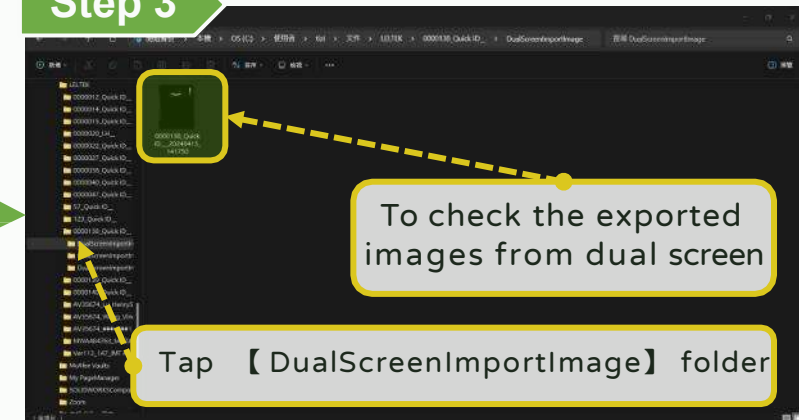


Here is the system default path. It will be different. If you have changed it in the app settings.

## Step 2



## Step 3



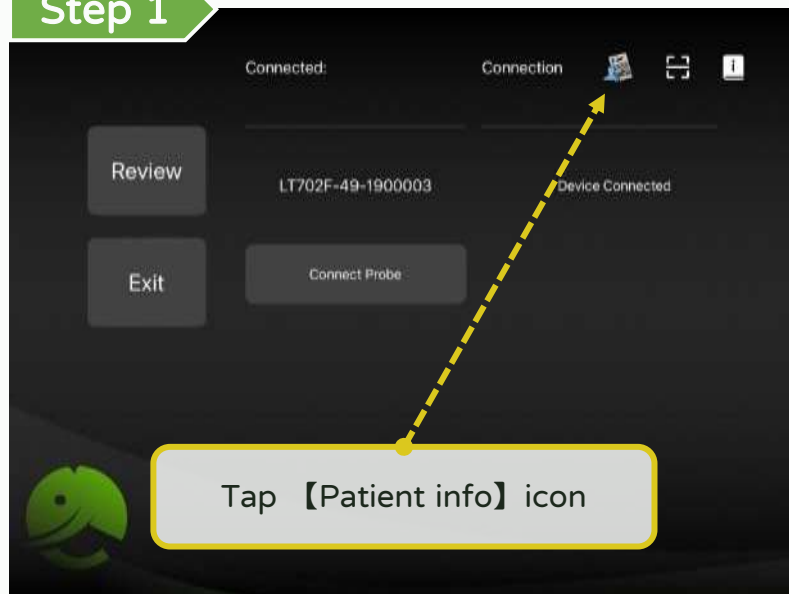
The exported images from 【Export file】 cannot be imported to dual screen

【 DICOM support 】

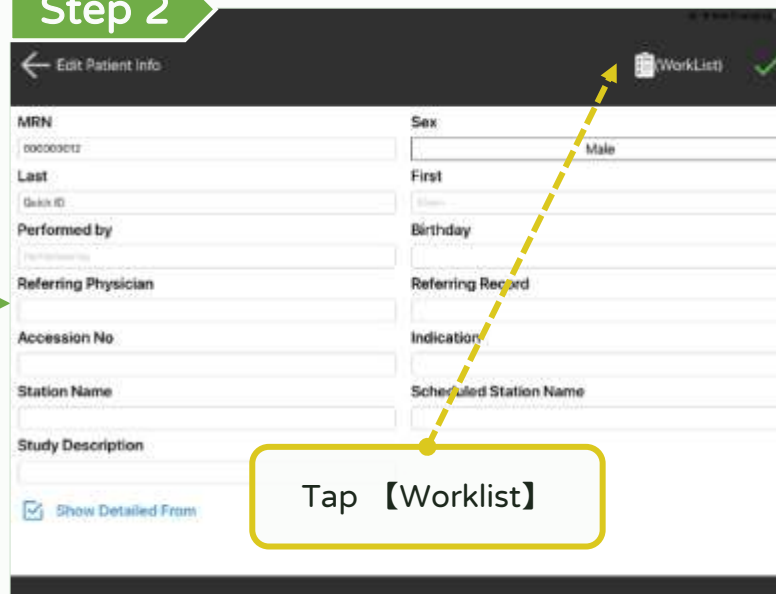
# DICOM support - Download worklist (1/2)

LEL TEK

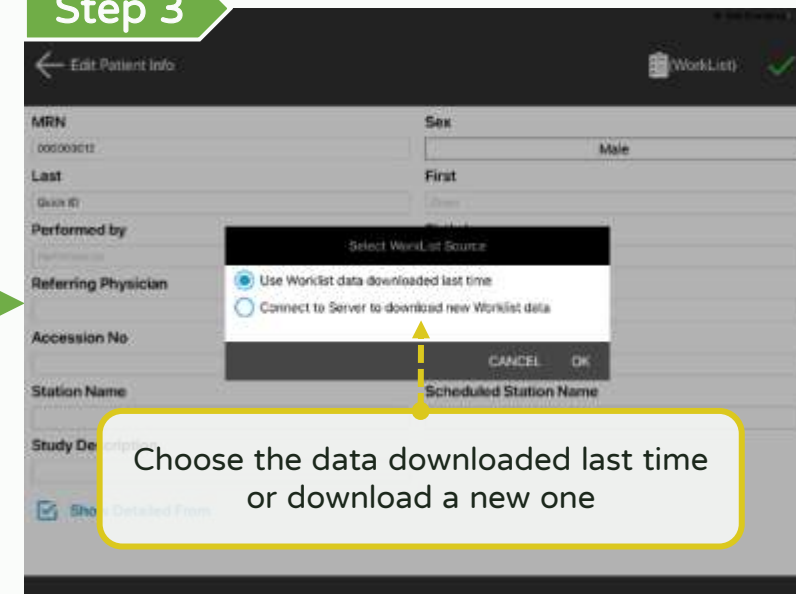
## Step 1



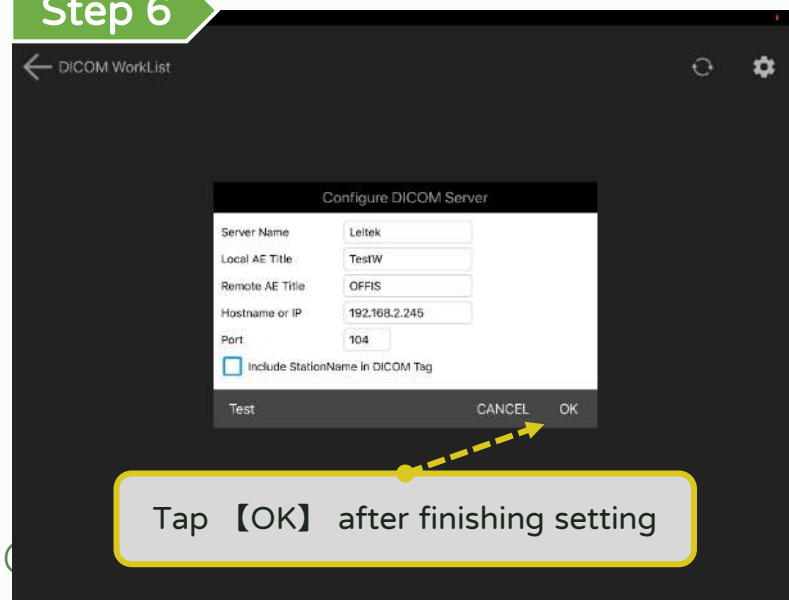
## Step 2



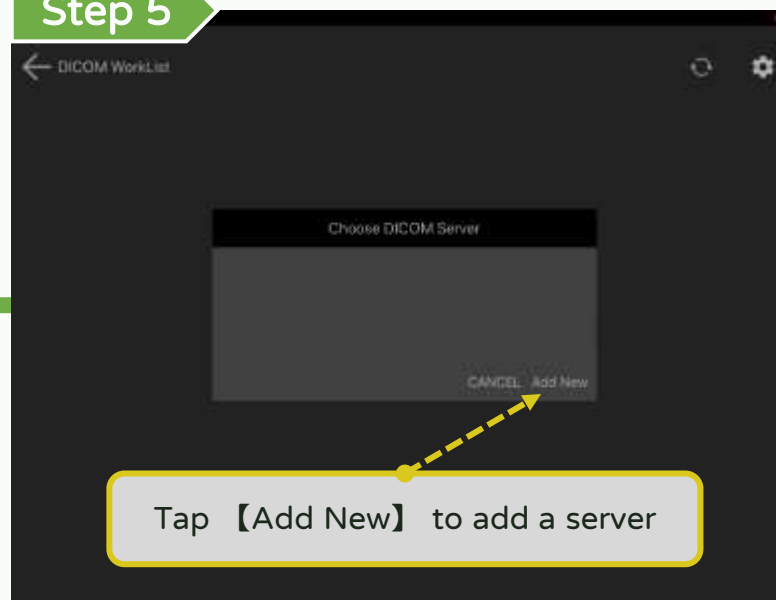
## Step 3



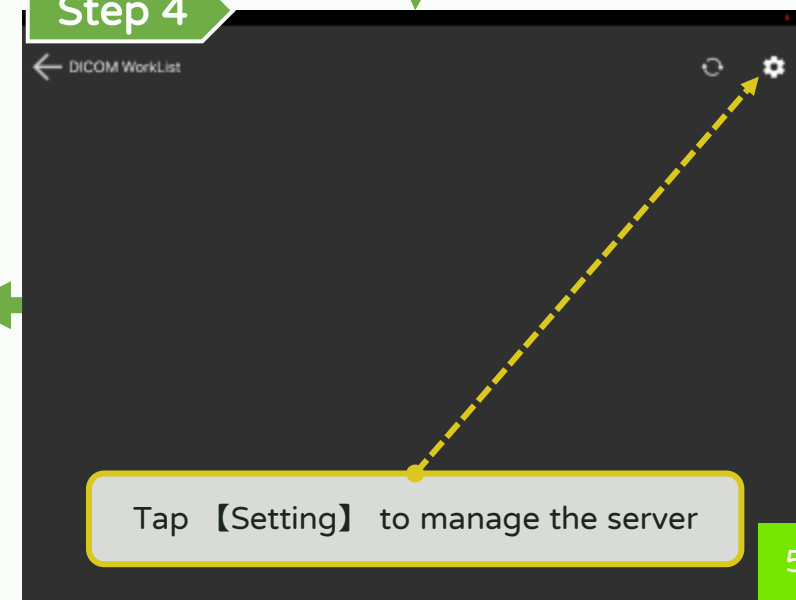
## Step 6



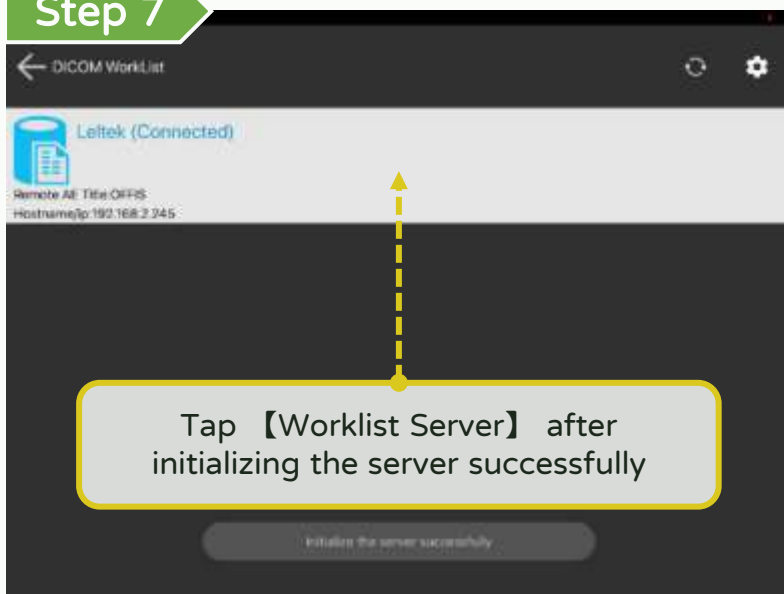
## Step 5



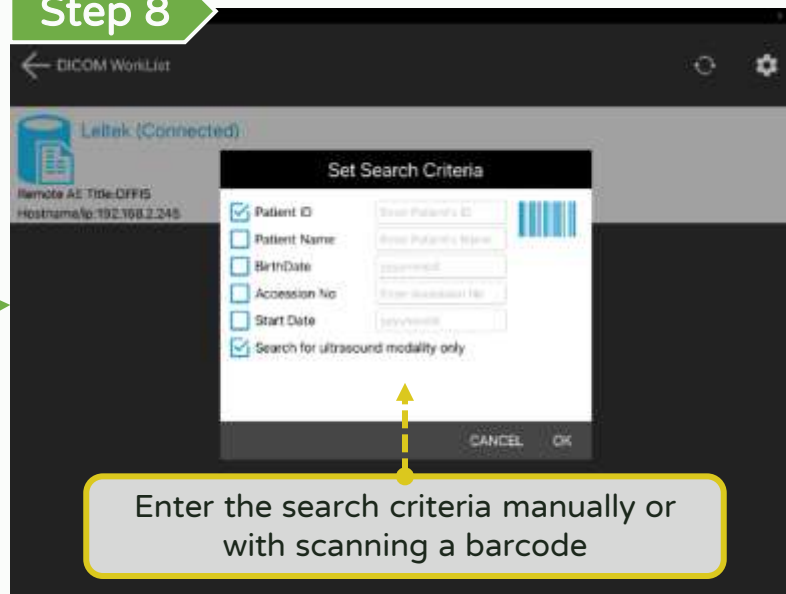
## Step 4



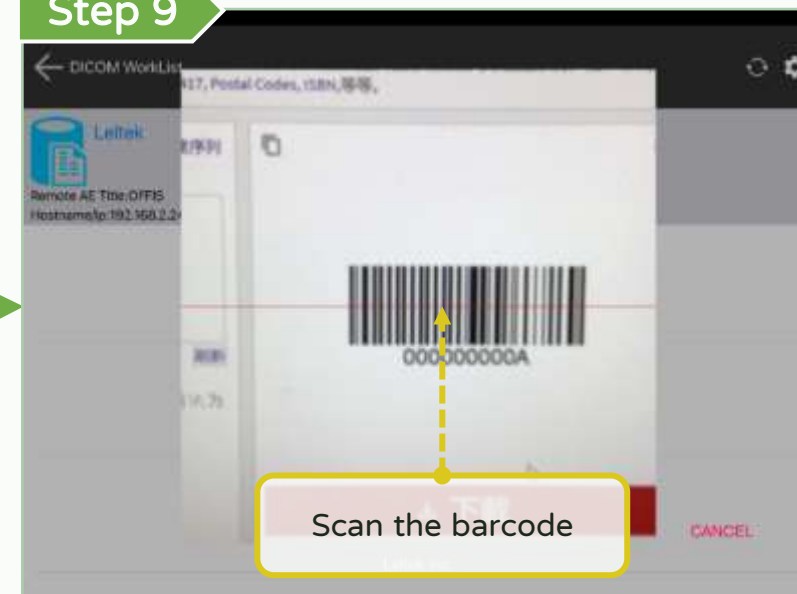
## Step 7



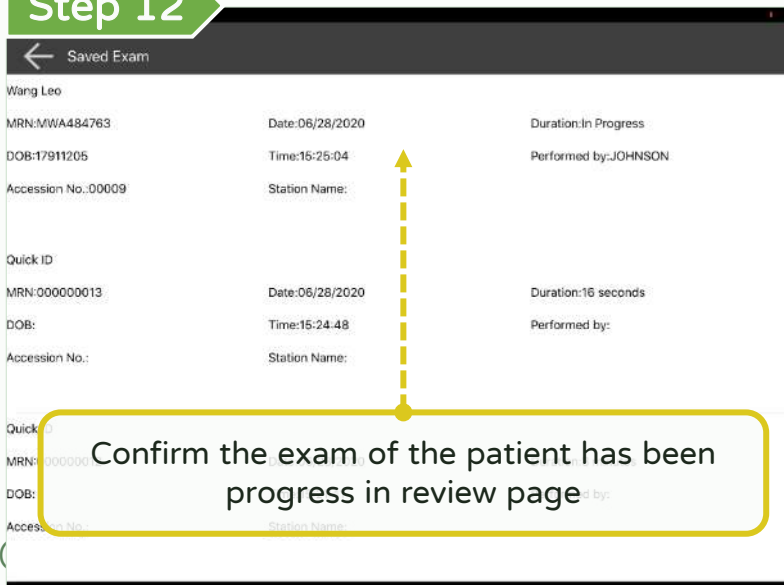
## Step 8



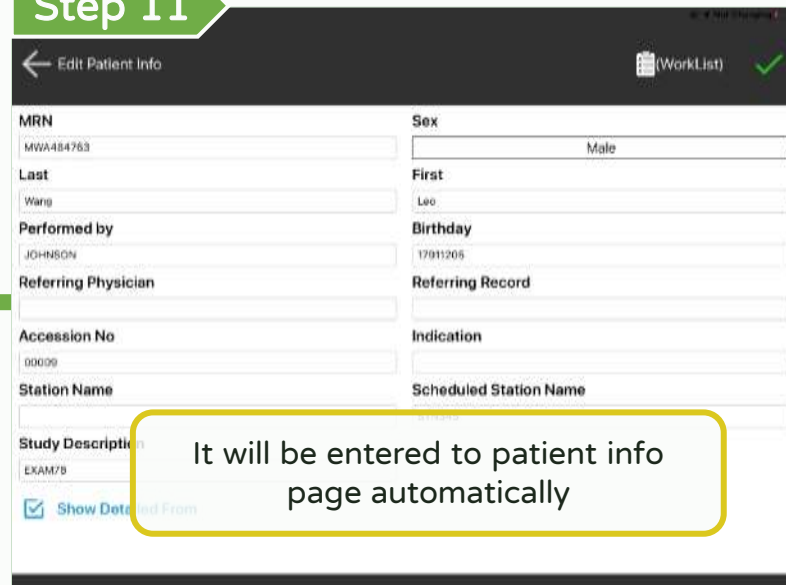
## Step 9



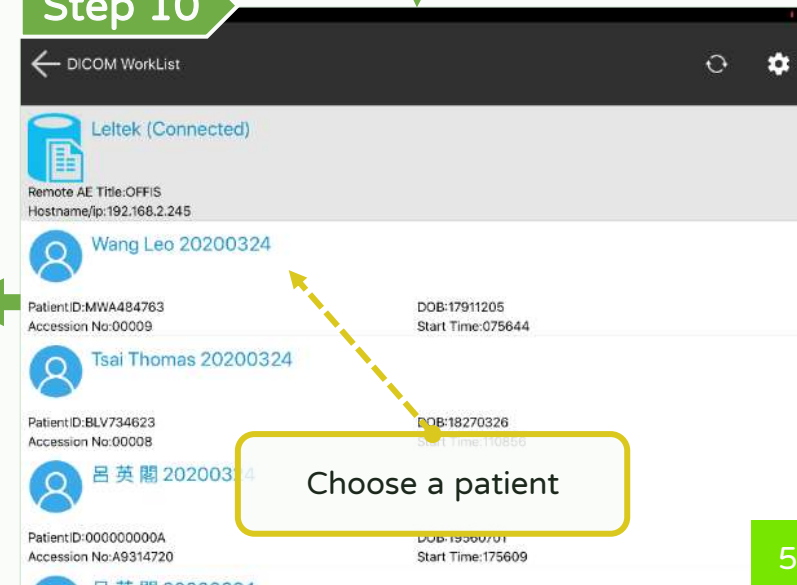
## Step 12



## Step 11

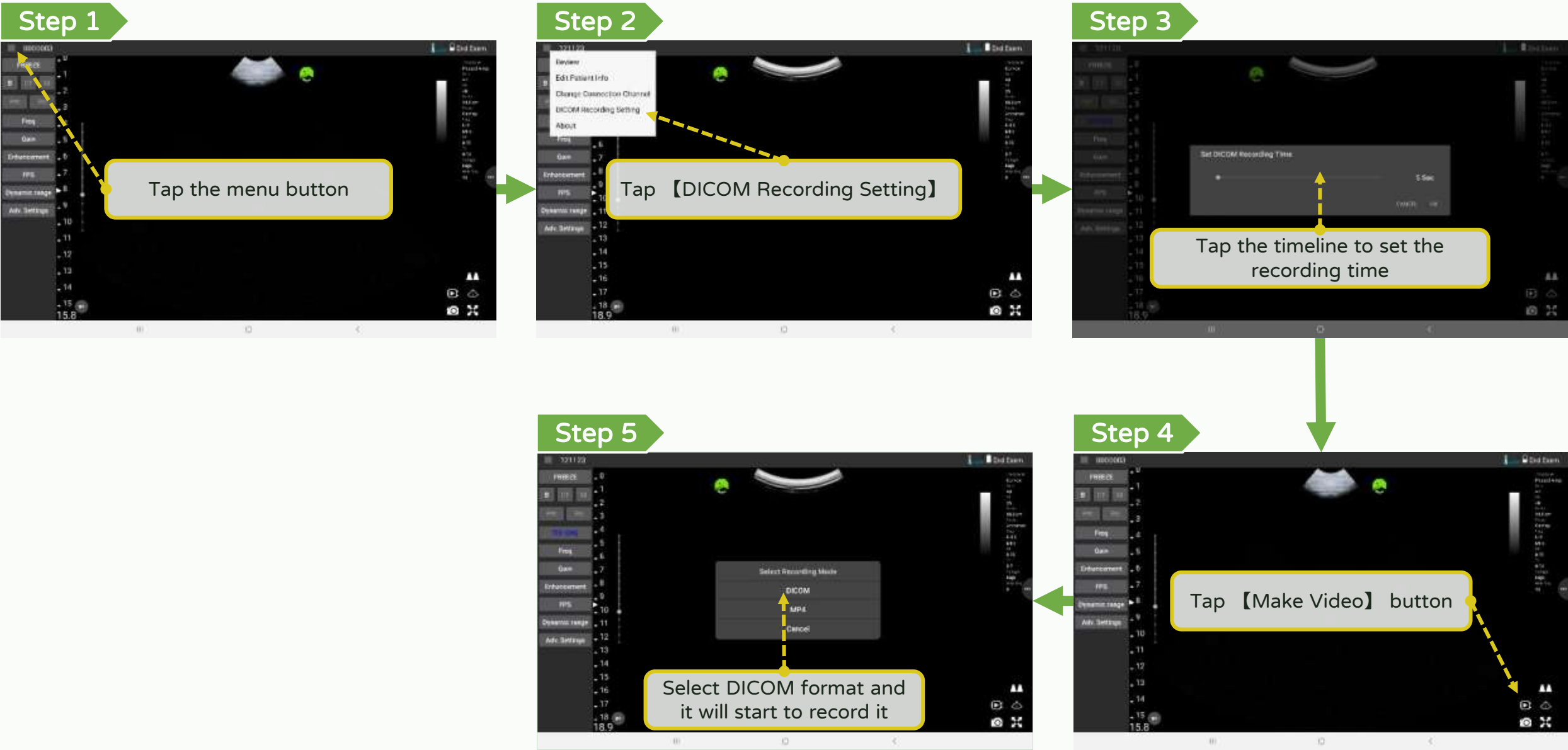


## Step 10



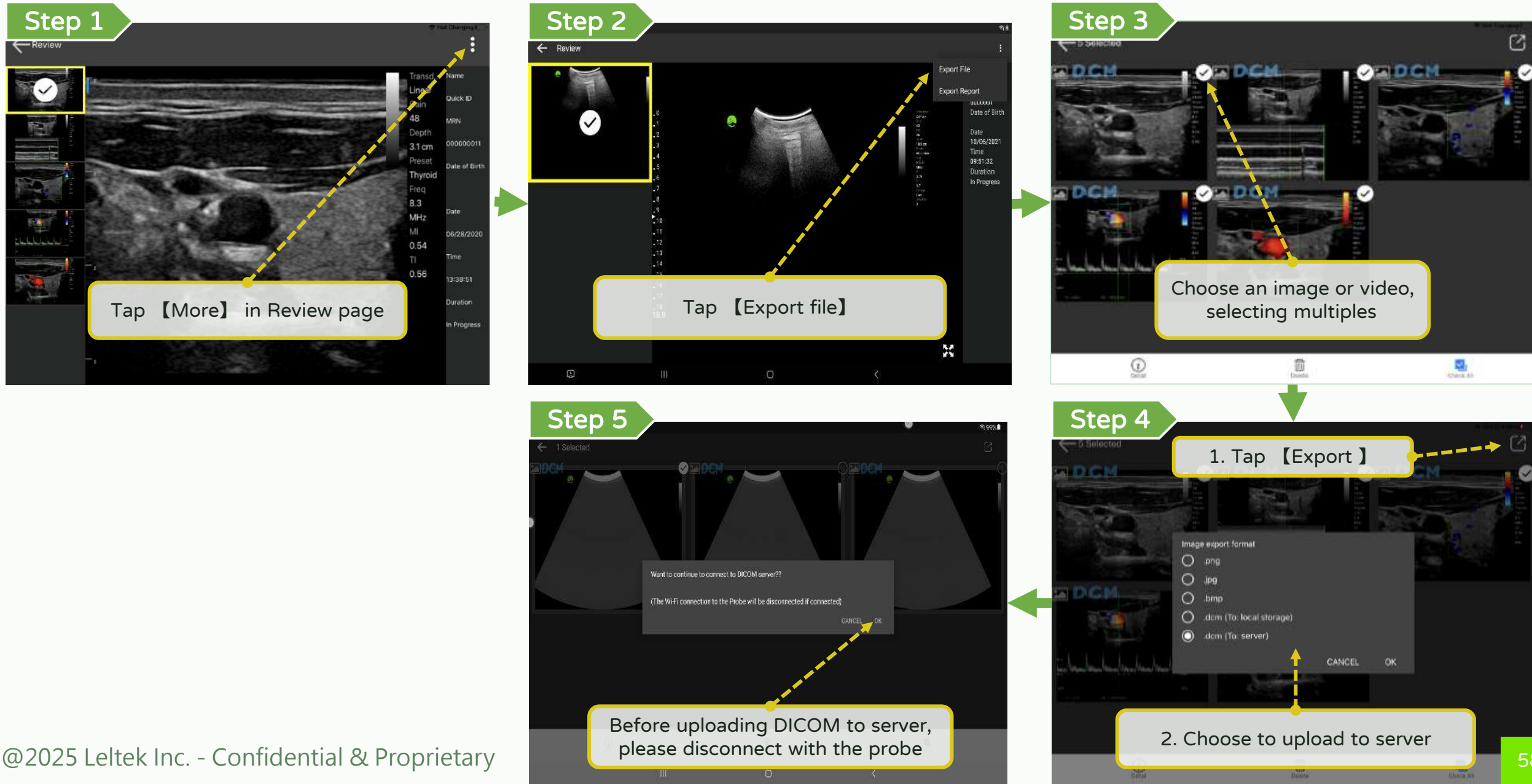
# DICOM support - Make multi-frame DICOM

\*Optional function **LEL TEK**



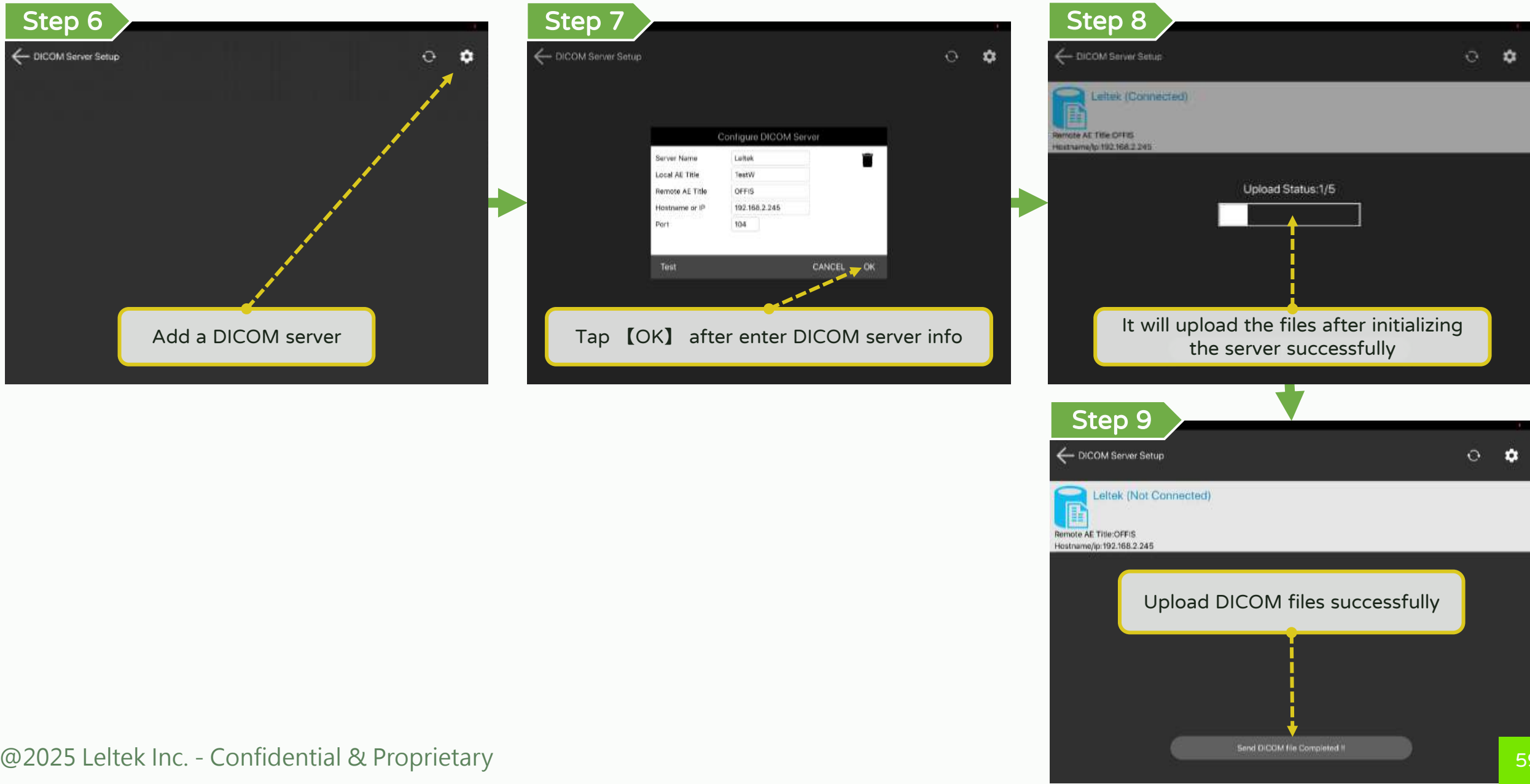
# DICOM support - Upload DICOM file (1/2)

\*Optional function **LEL TEK**



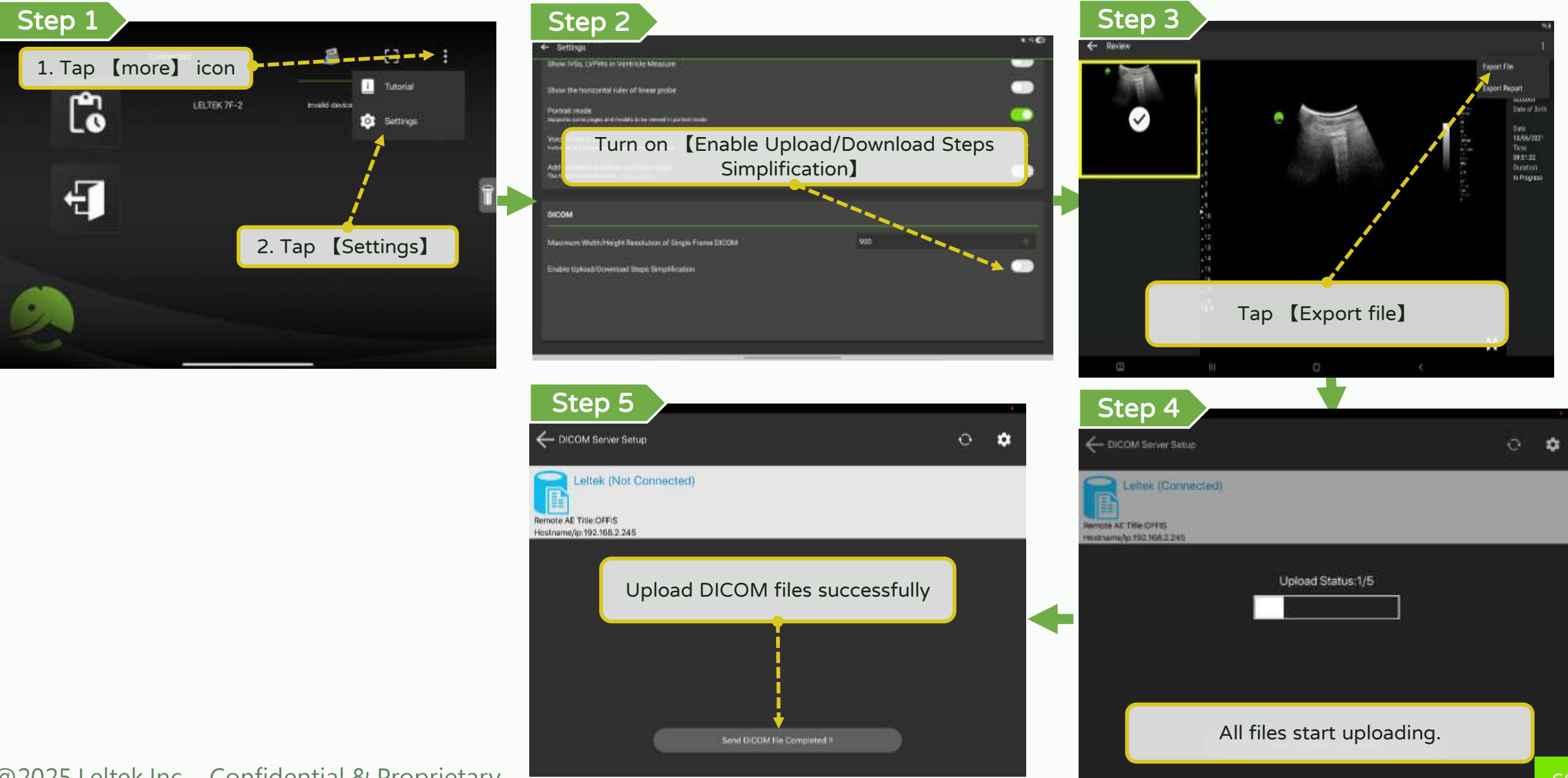
# DICOM support - Upload DICOM file (2/2)

\*Optional function **LEL TEK**



# DICOM support – Fast DICOM file upload

\*Optional function **LEL TEK**

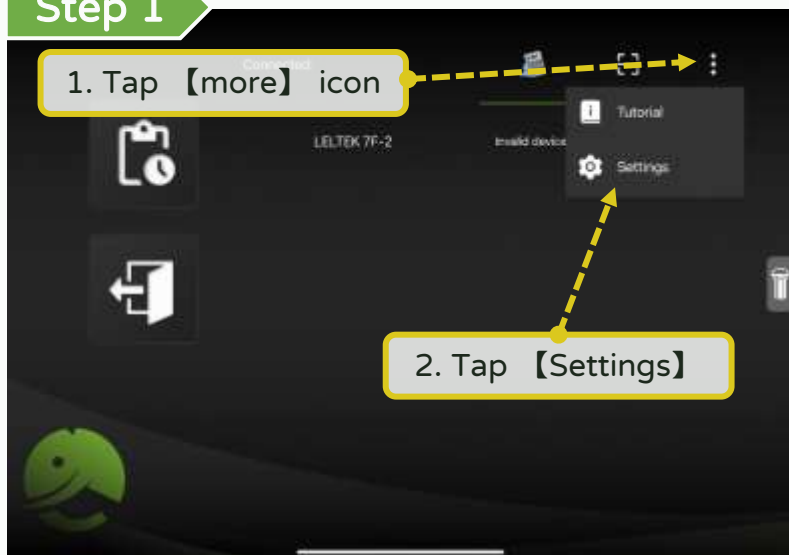


【 Run App on MAC M-series device】

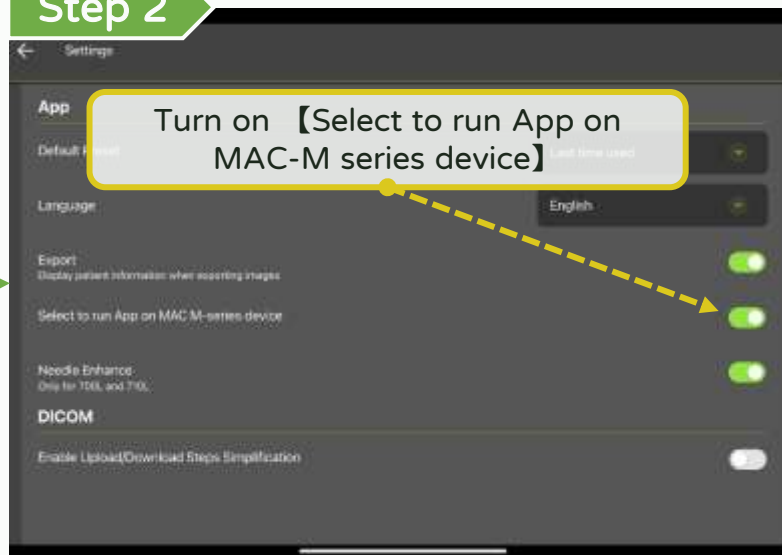
# Run App on MAC M-series device

LEL TEK

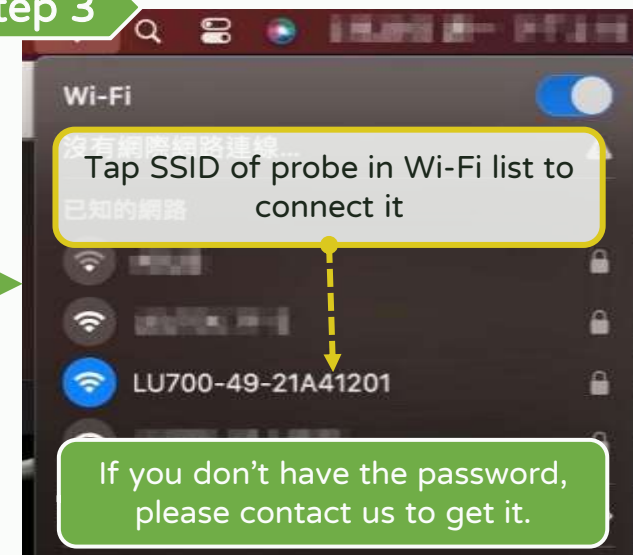
## Step 1



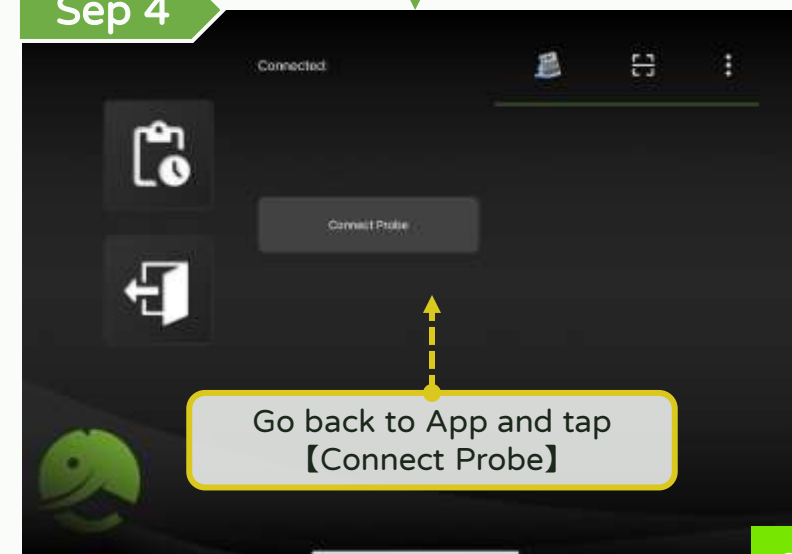
## Step 2



## Step 3



## Sep 4

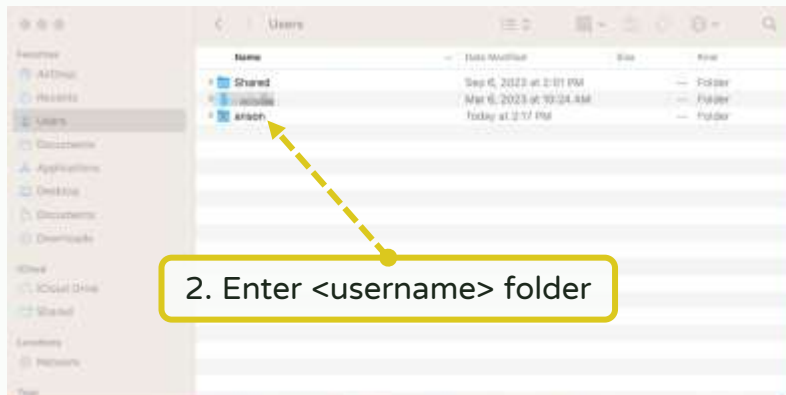


# Find the images exported on MAC M-series device

LEL TEK

## Step 1

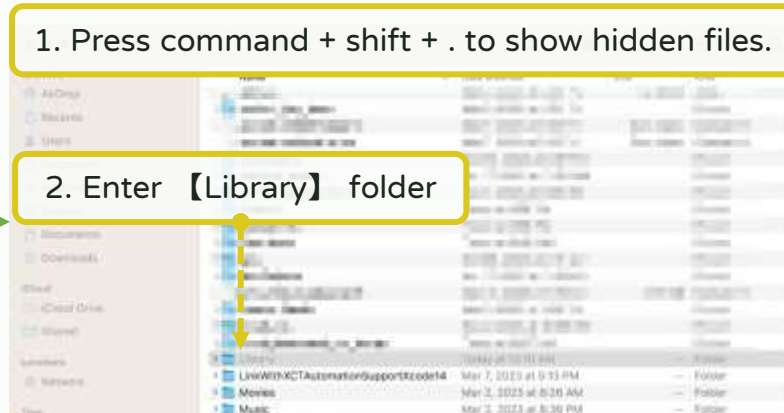
1. Turn on **Finder**



## Step 2

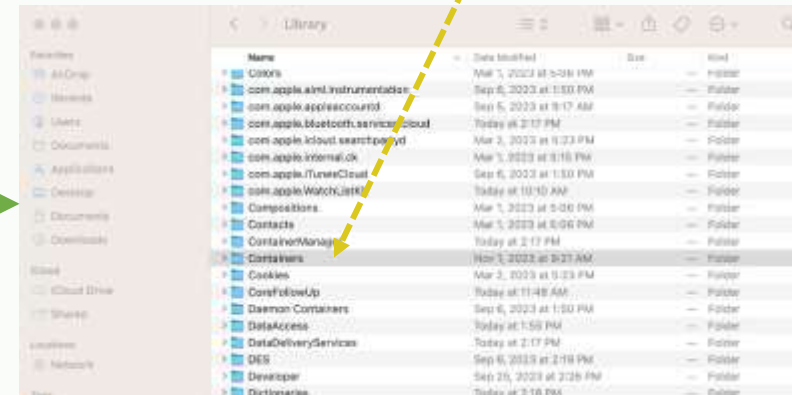
1. Press command + shift + . to show hidden files.

2. Enter **Library** folder

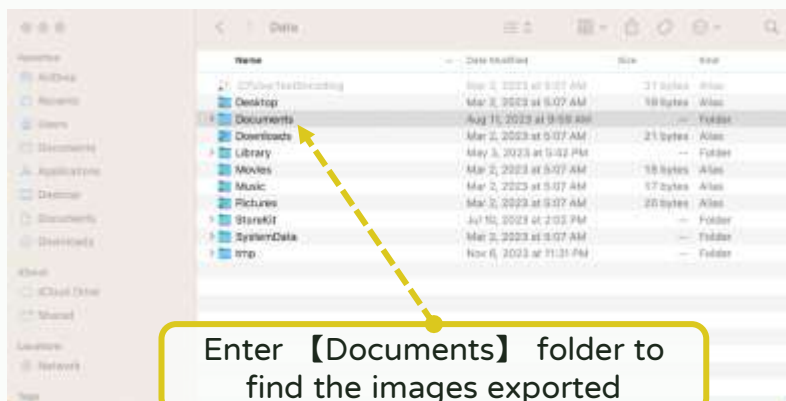


## Step 3

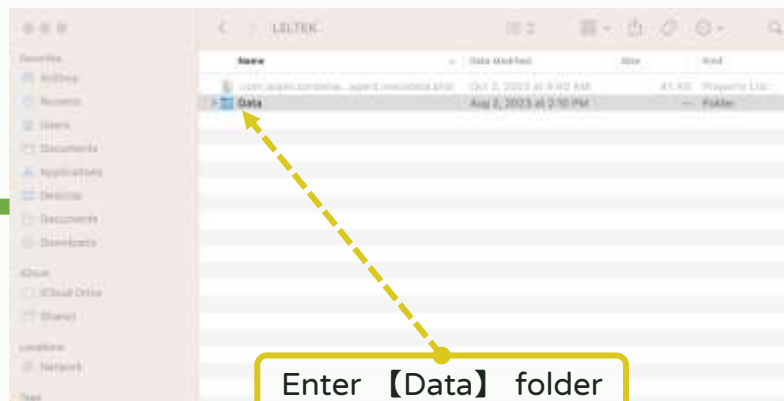
Enter **Containers** folder



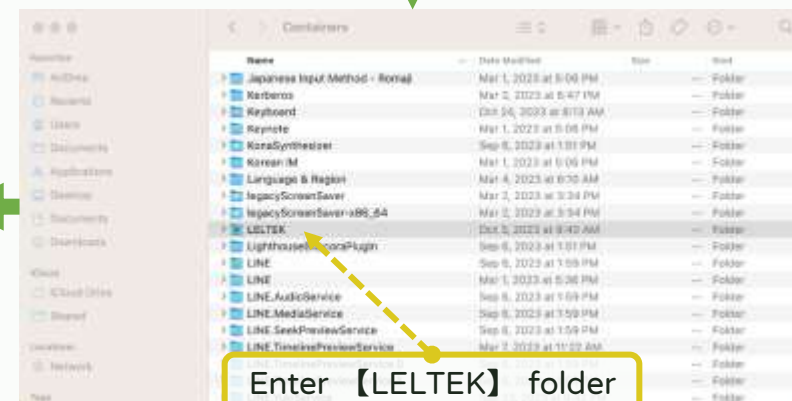
## Step 6



## Step 5

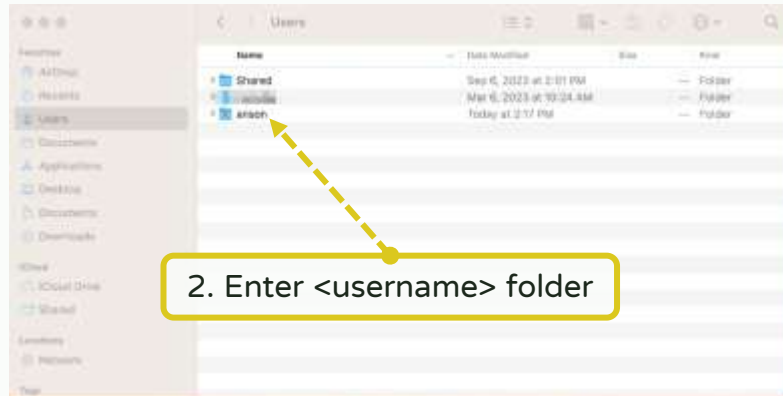


## Step 4

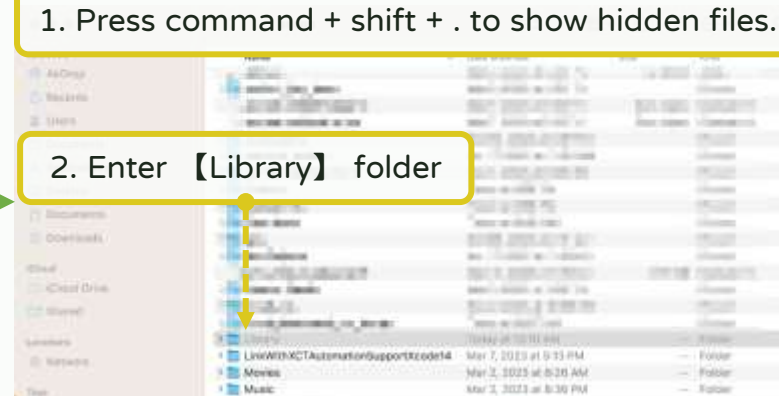


# Create shortcut for the image exported folder on MAC M-series device

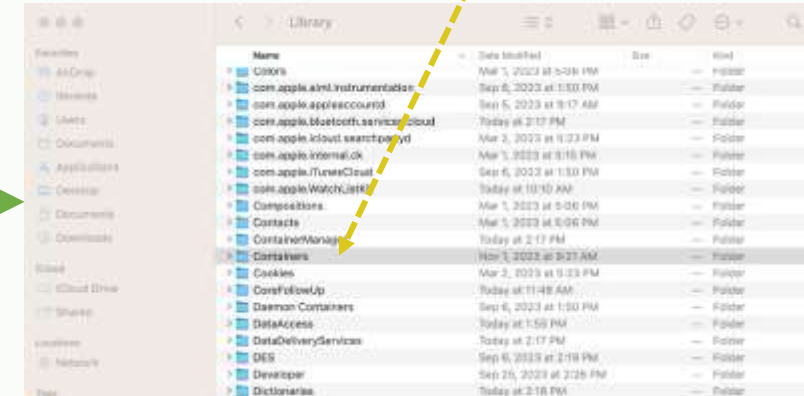
## Step 1 1. Turn on 【Finder】



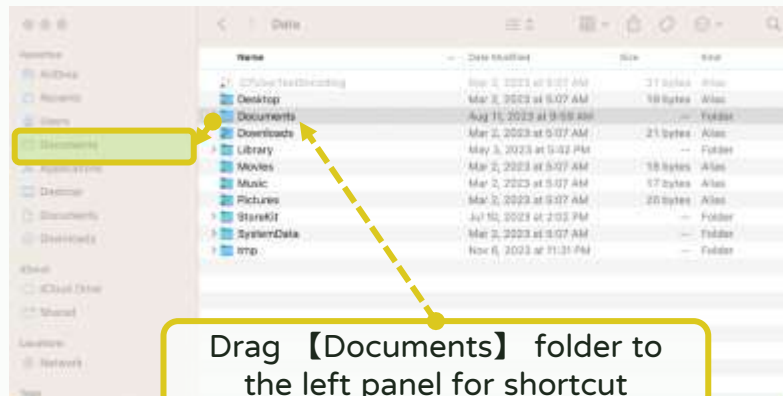
## Step 2 1. Press command + shift + . to show hidden files. 2. Enter 【Library】 folder



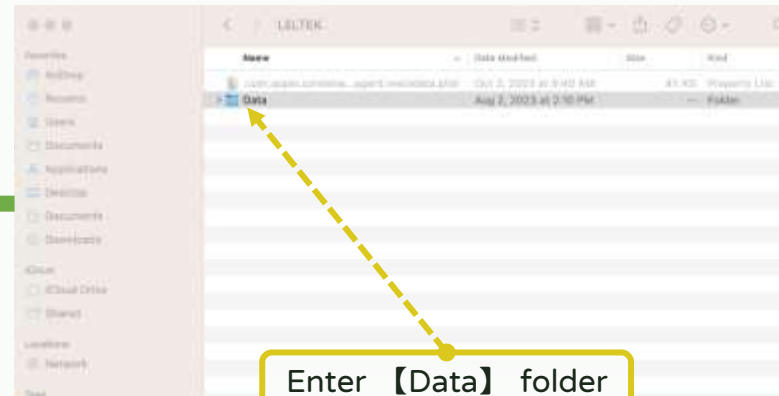
## Step 3 Enter 【Containers】 folder



## Step 6



## Step 5



## Step 4

