ASUS Portable Ultrasound Solution

DEMO KIT

Guide – General Functions

- 【APP Download】  iOS  Android 
- 【Boot up and connection】 - Connect the probe with device QRcode
- 【Scan】 - B, C, M, PW and PD modes
- 【Annotate, measure and save】 - Annotation, measuring length and area, saving images and videos
- 【DICOM support】 - Download worklist and upload DICOM file

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- 【Dual screen】 - Export and import the images to compare it
- 【DICOM support】 - Download worklist and upload DICOM file

Guide – General Functions

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【Boot up and connection】

Boot up and connection - Turn on/off the probe

Step 1

Turn on: Pressing the power button for 3 seconds

Turn off: Pressing the power button for 3 seconds

Step 2

Blue light
<Charging>

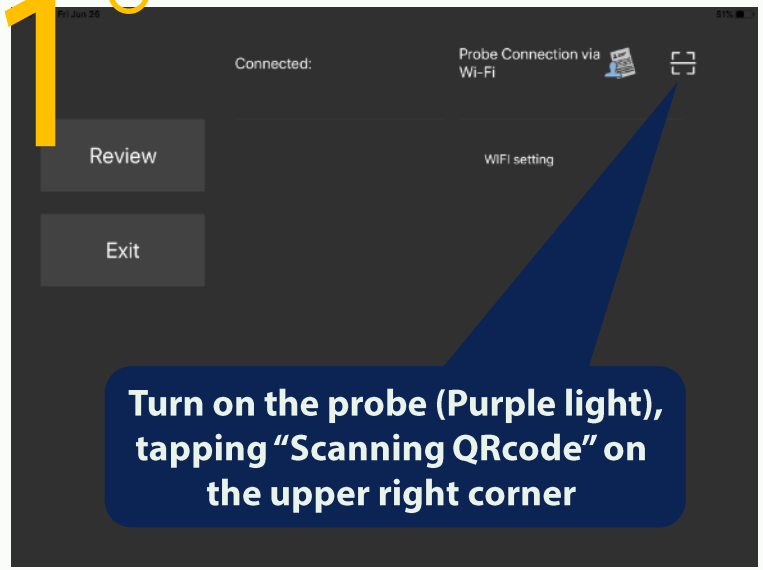
Lights out
<Power OFF>

Purple light
<Power ON>
Not connect

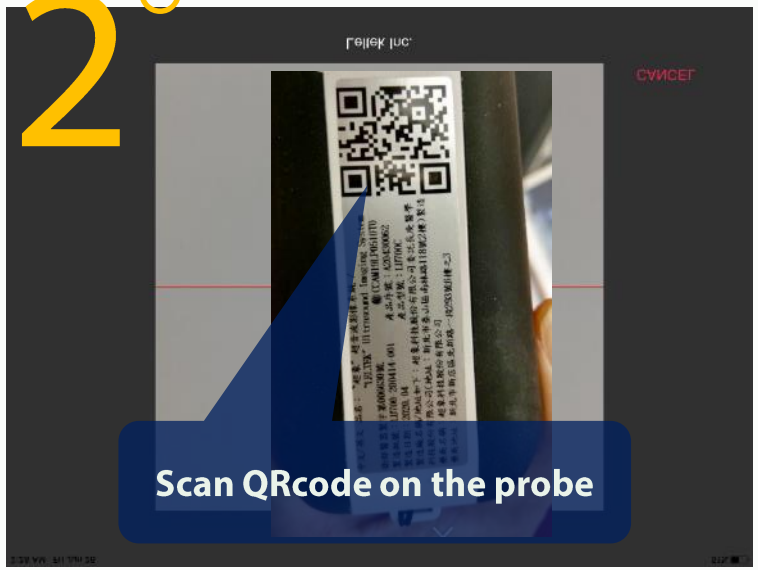
White light
<Power ON>
Connected

Boot up and connection – Connection

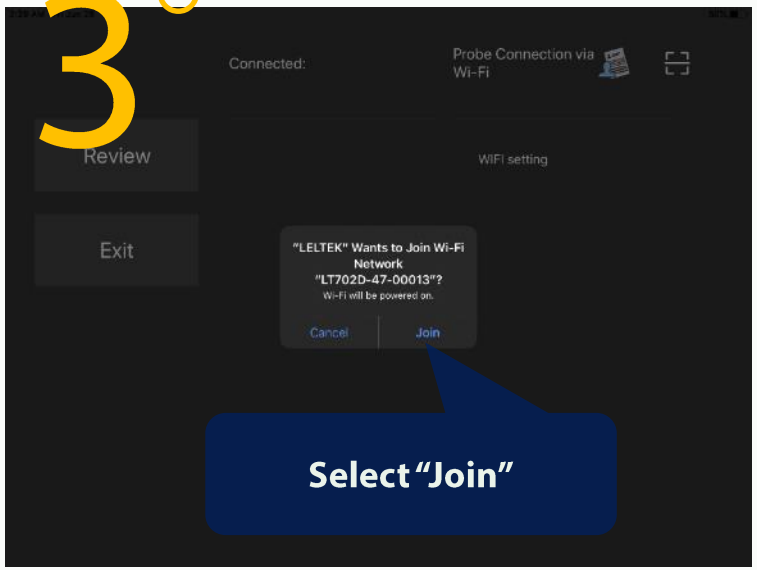
1



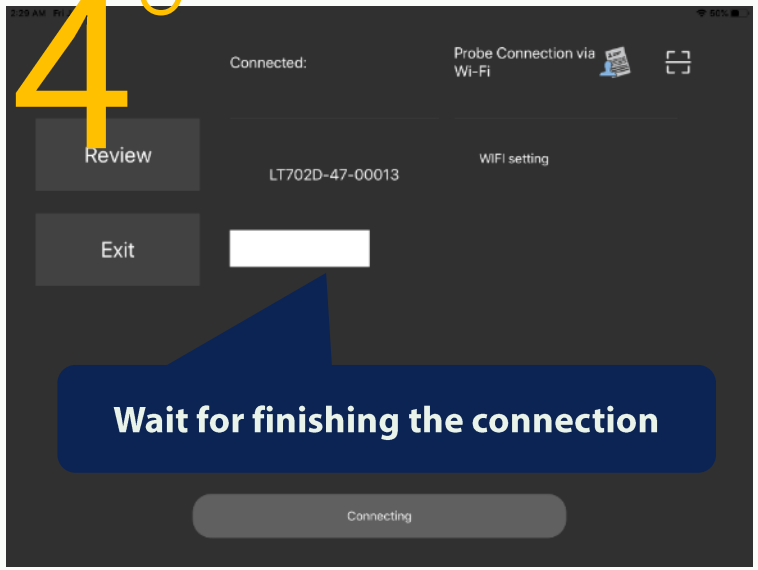
2



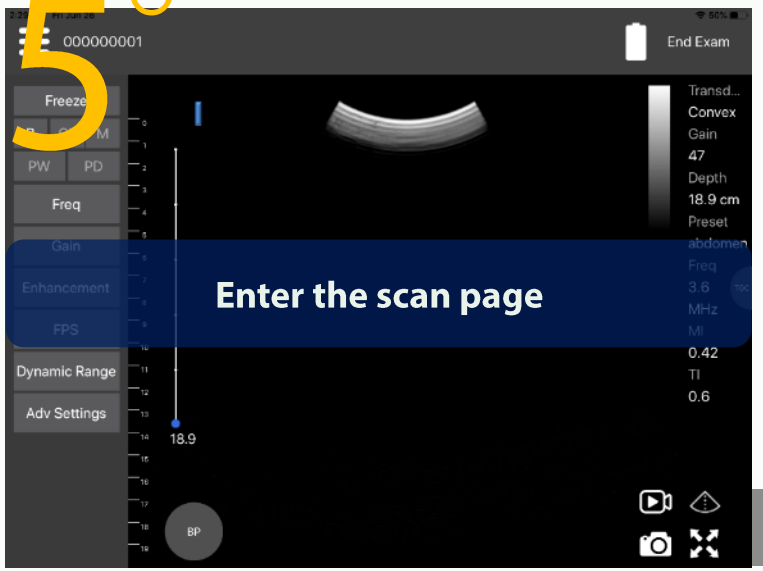
3



4

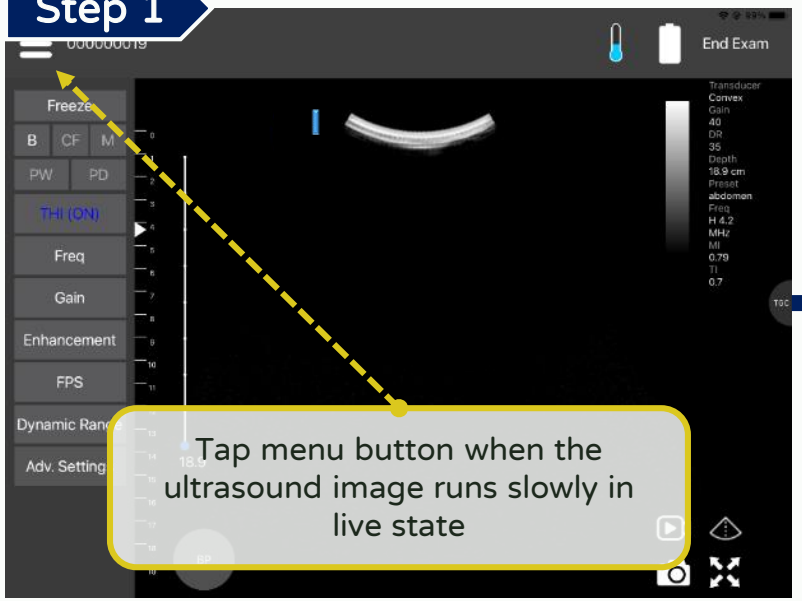


5

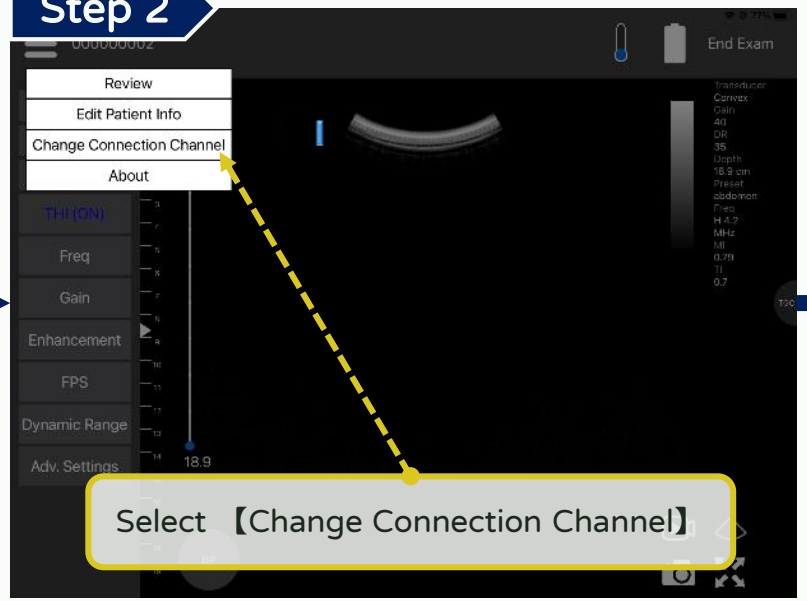


Boot up and connection - Improve the connection quality

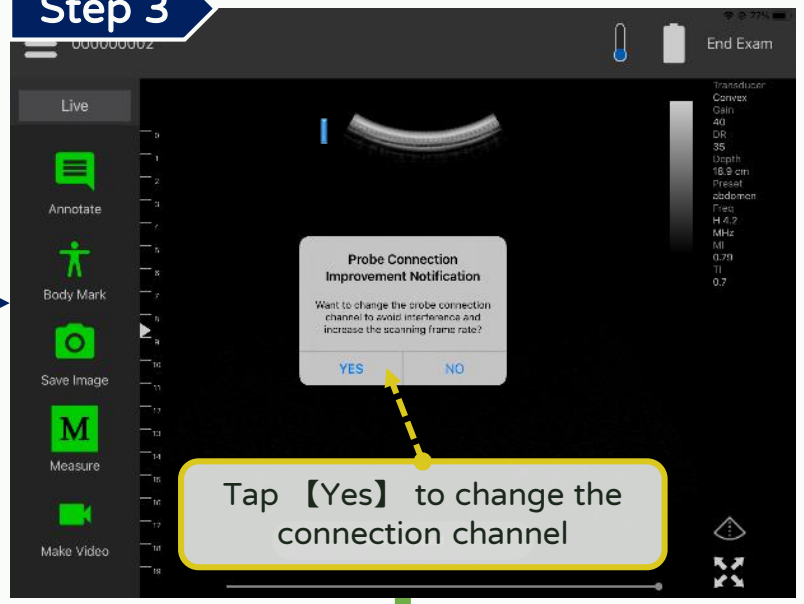
Step 1



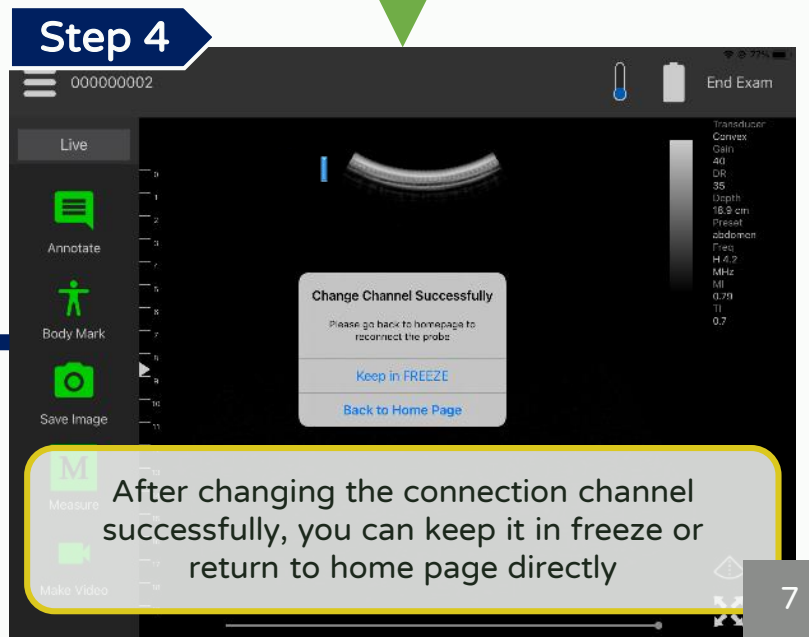
Step 2



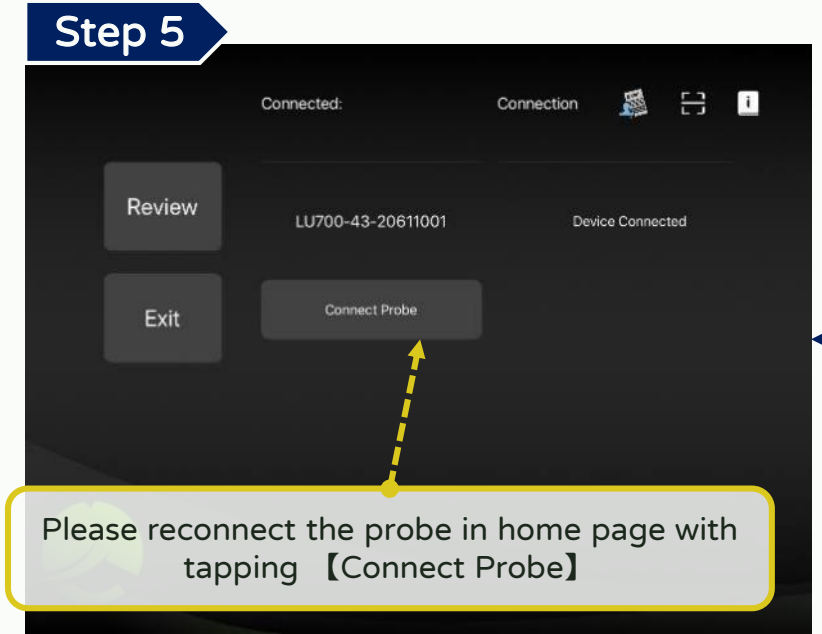
Step 3



Step 4

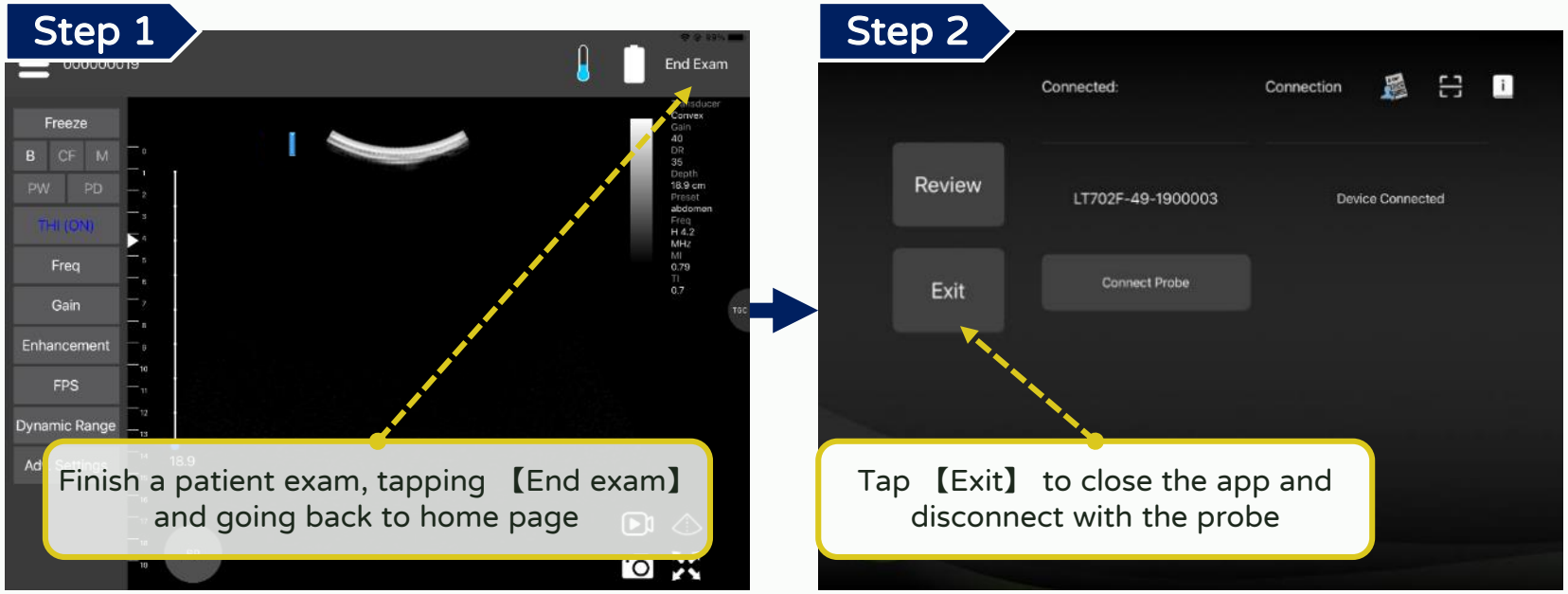


Step 5



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

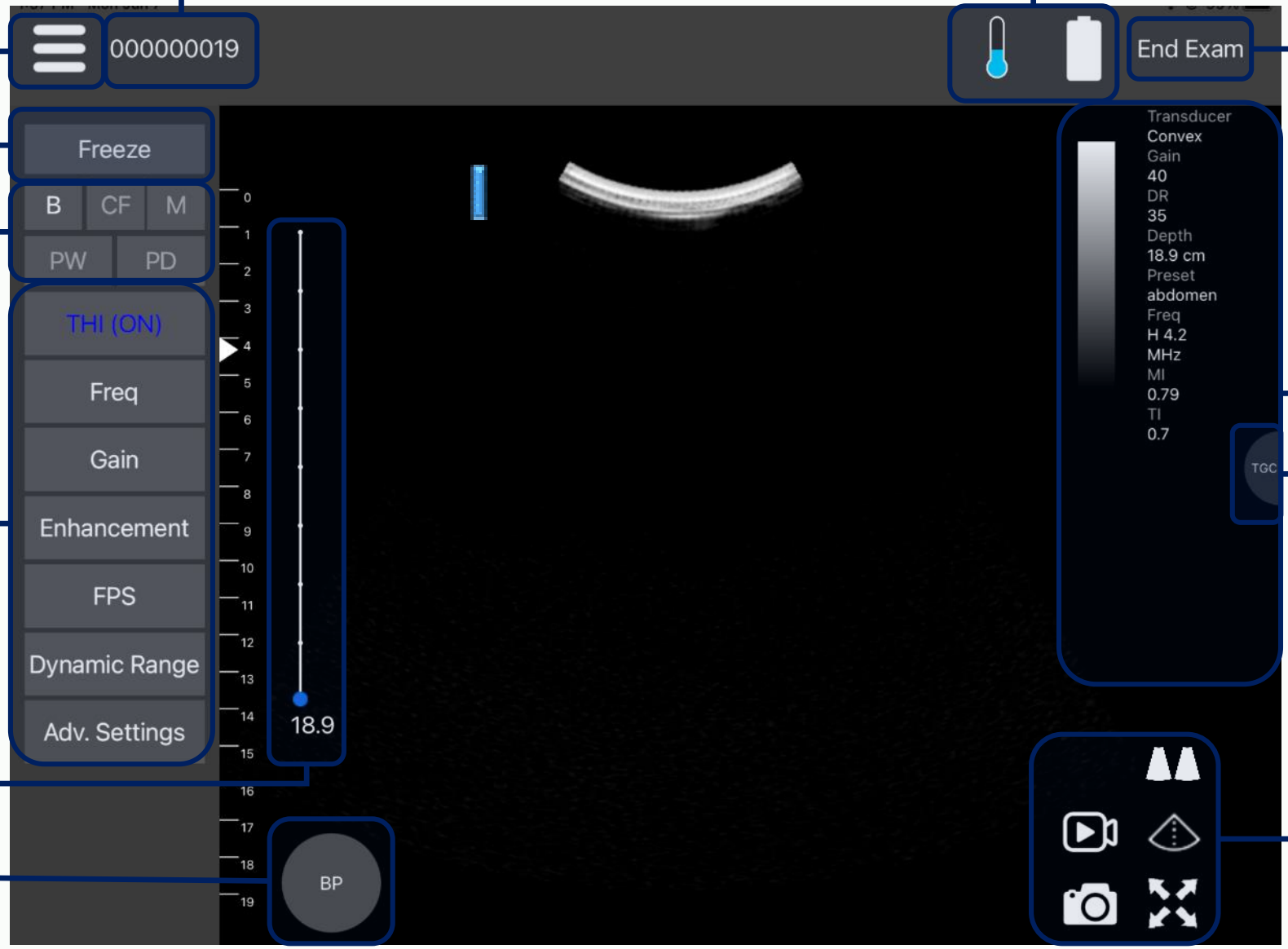
Boot up and connection - End exam



General Functions

【Scan】

Scan - Interface



MRN

Review, export

Freeze / Live

Select Mode

Adjust parameter

Adjust depth

Select preset

Probe info

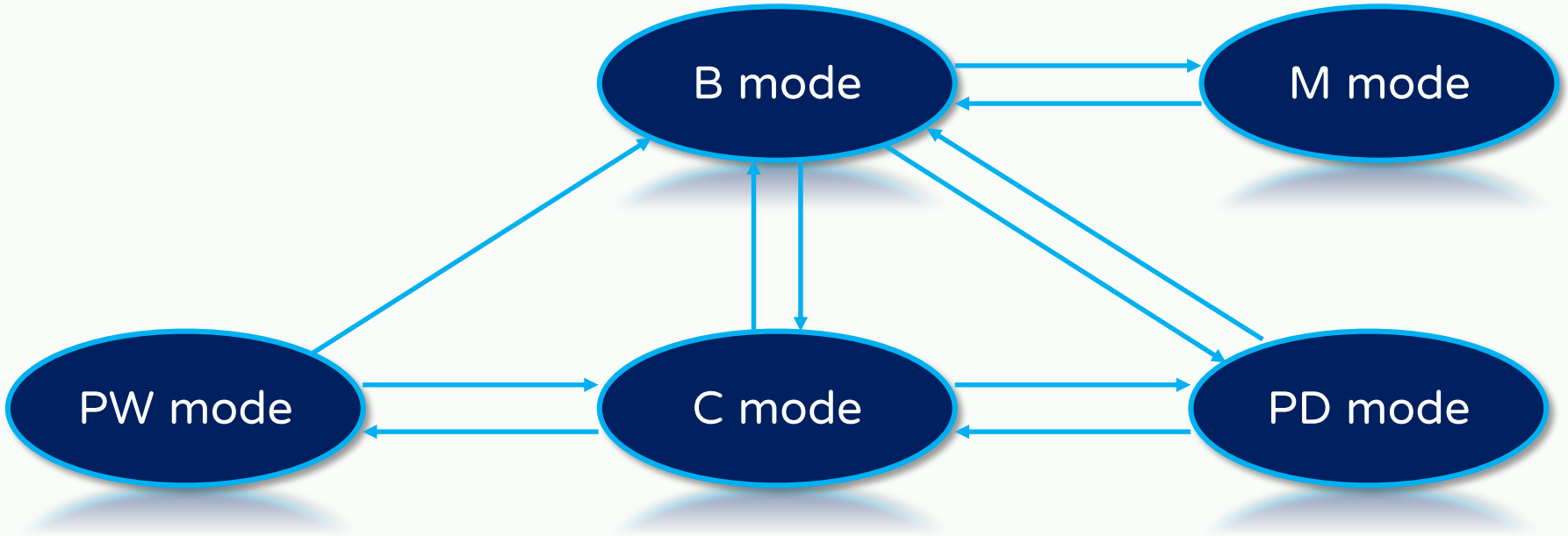
End exam

Scan Info

Adjust TGC

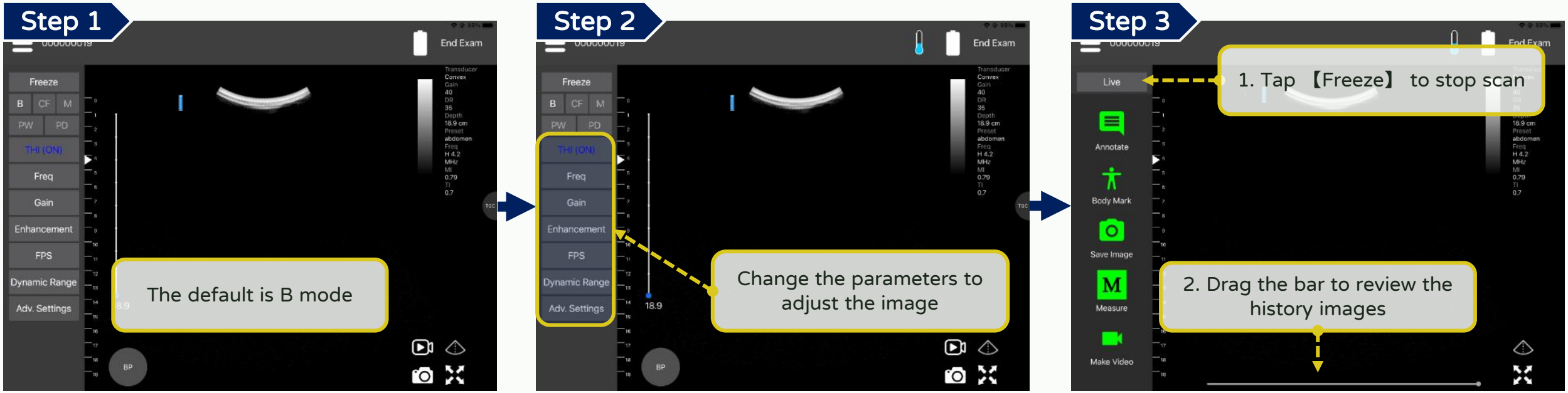
Dual screen, Save image and video, center line, full screen

Scan - The rule of switching between modes



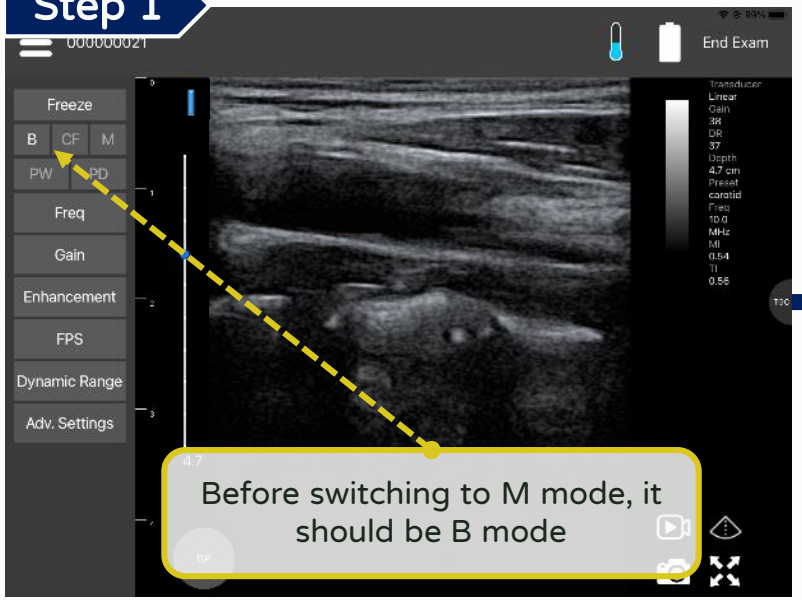
“The orientation of arrow”: It can be switched directly to the mode

Scan - B (Brightness) mode

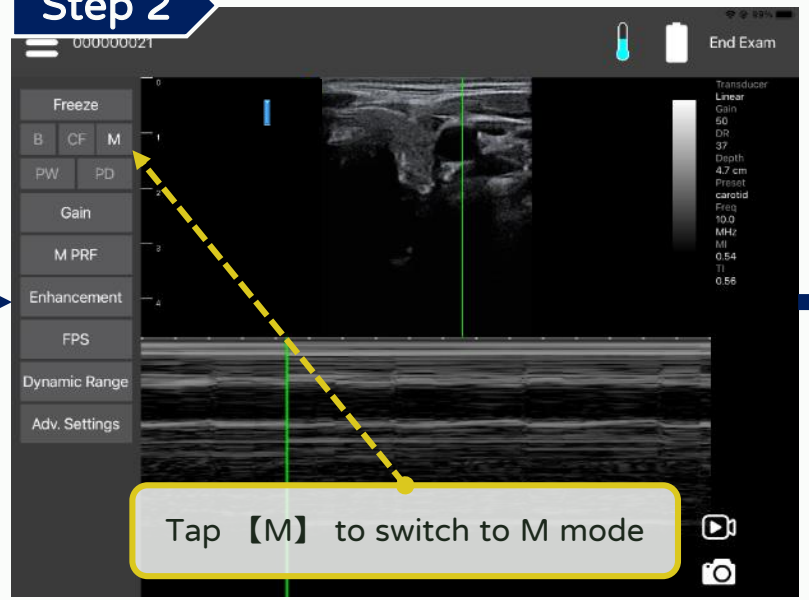


Scan - M (Motion) mode

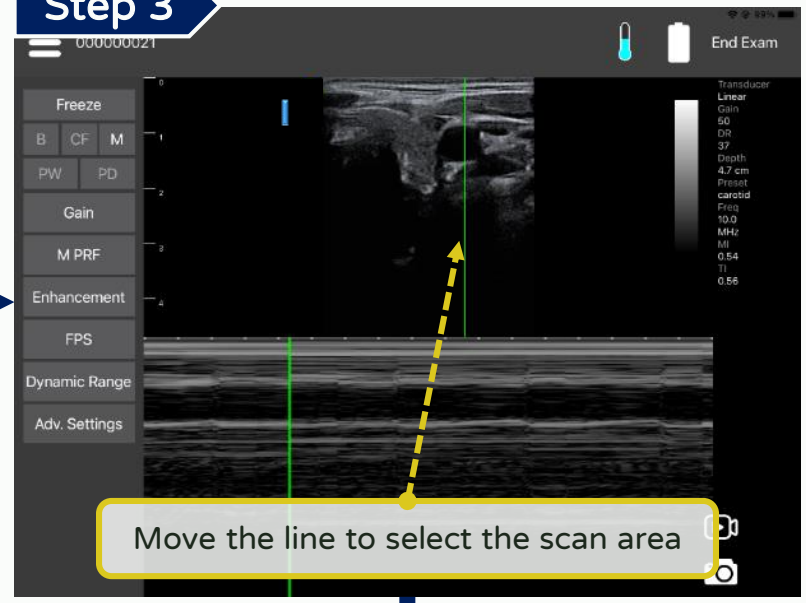
Step 1



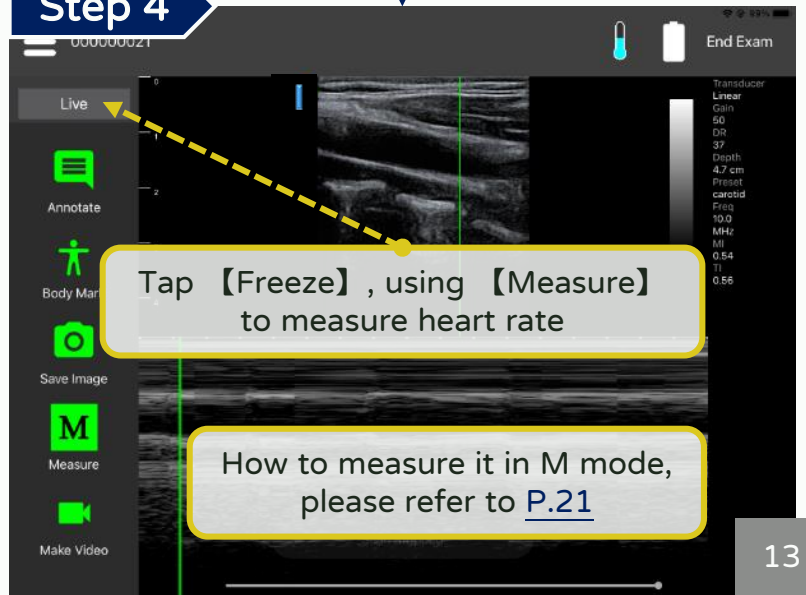
Step 2



Step 3

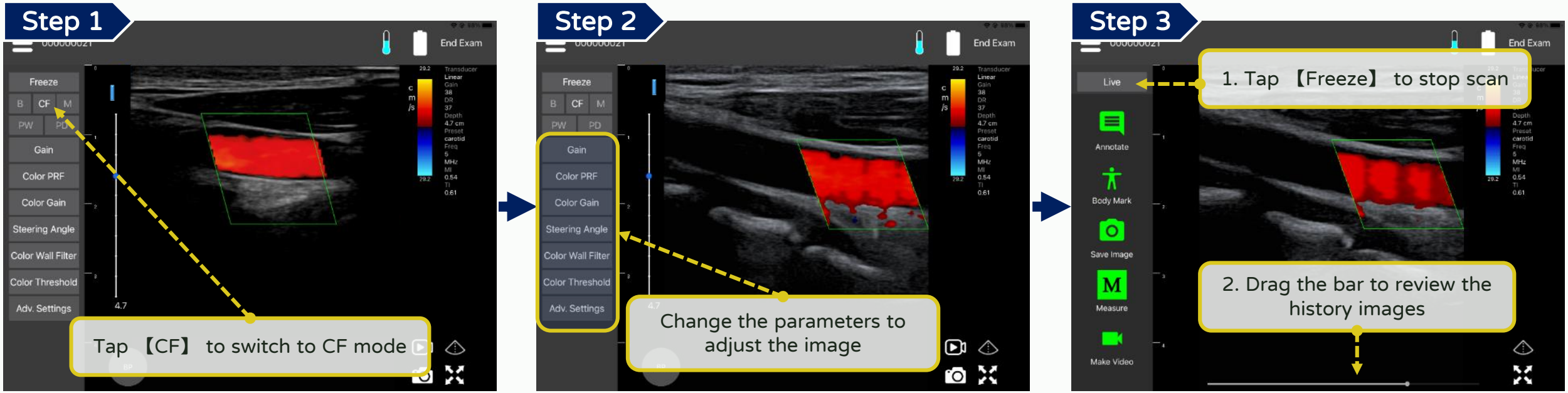


Step 4



Scan - CF (Color Flow) mode

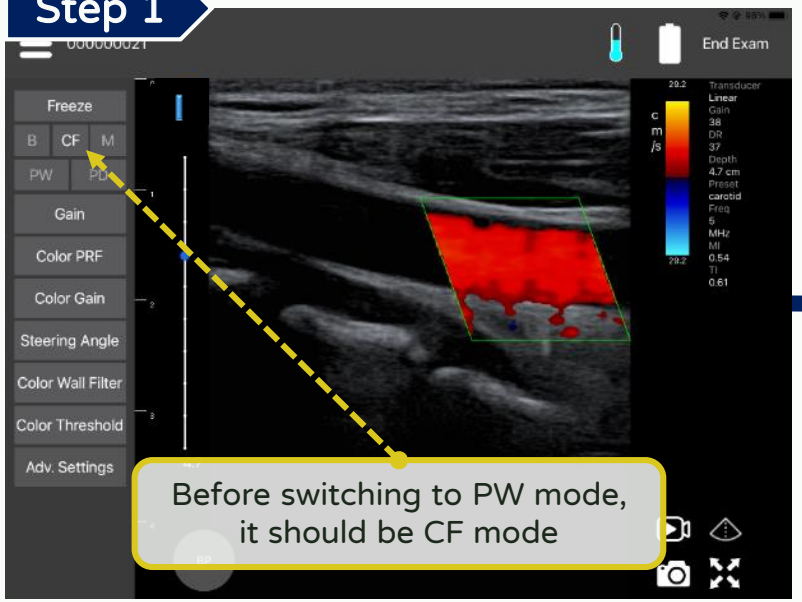
*Optional function



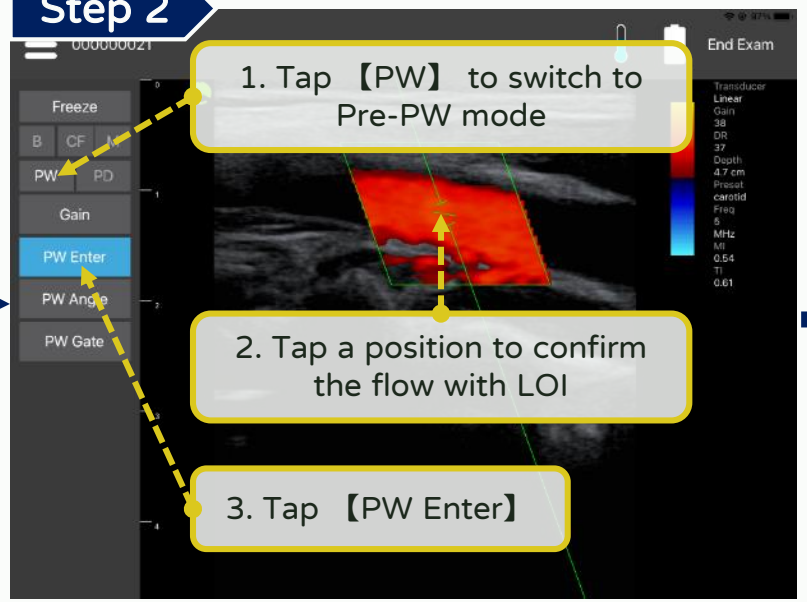
Scan - PW (Pulse Wave) mode

*Optional function

Step 1



Step 2



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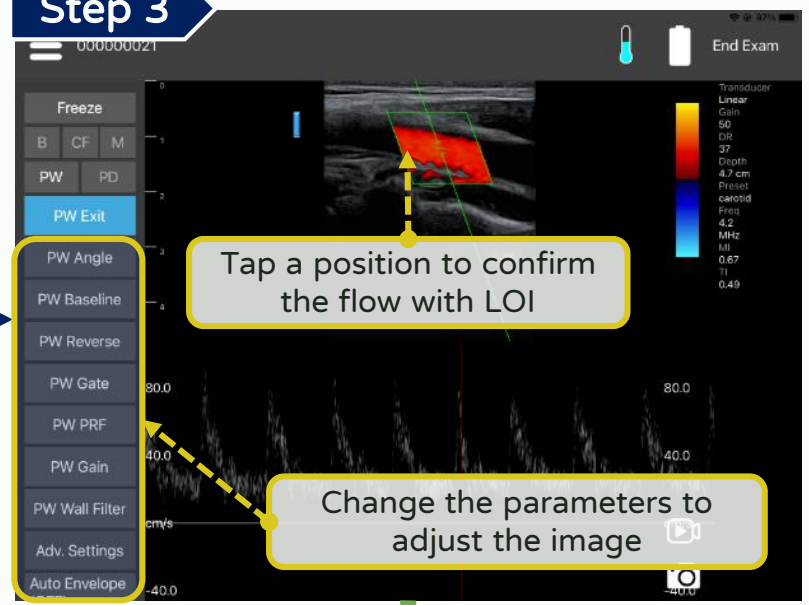

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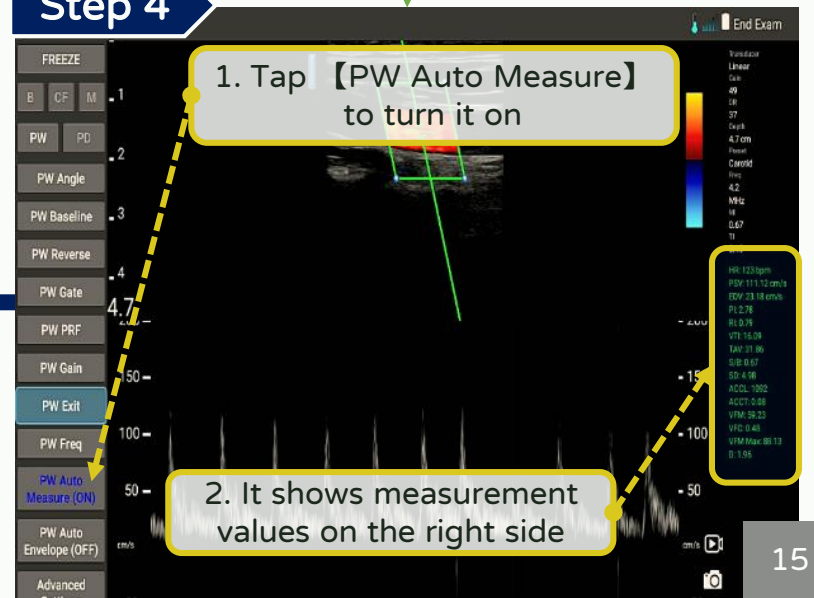
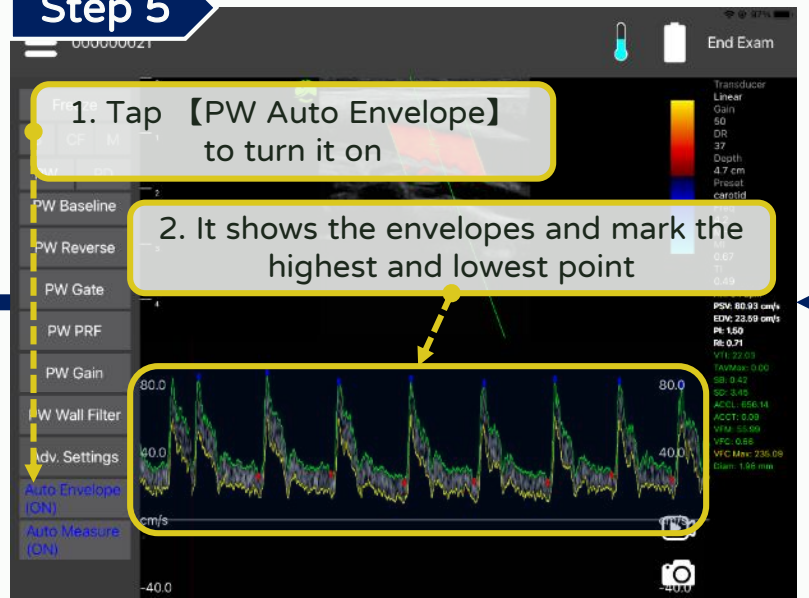
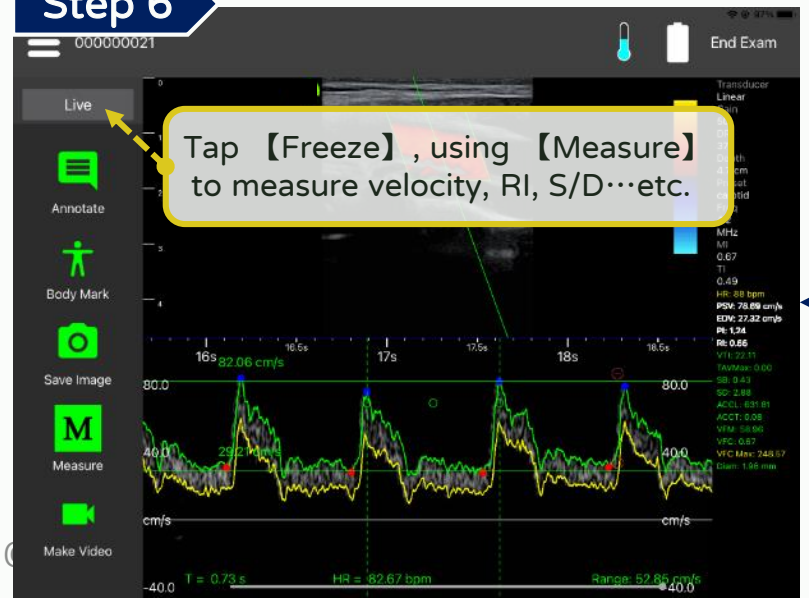


Step 5



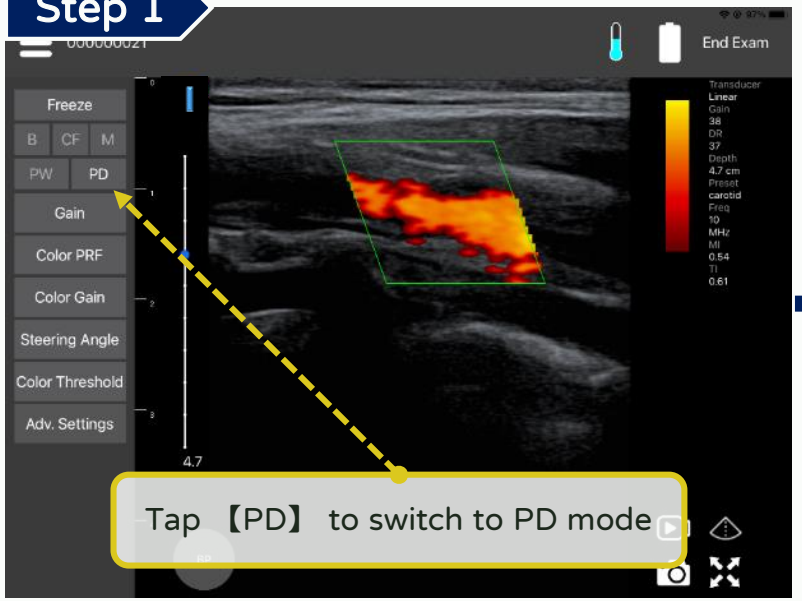
Step 6



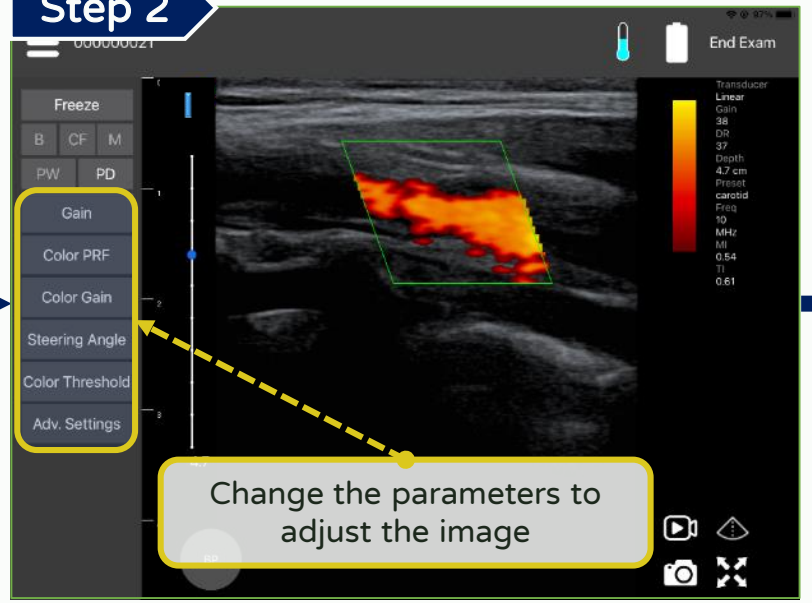
Scan - PD (Power Doppler) mode

*Optional function

Step 1



Step 2



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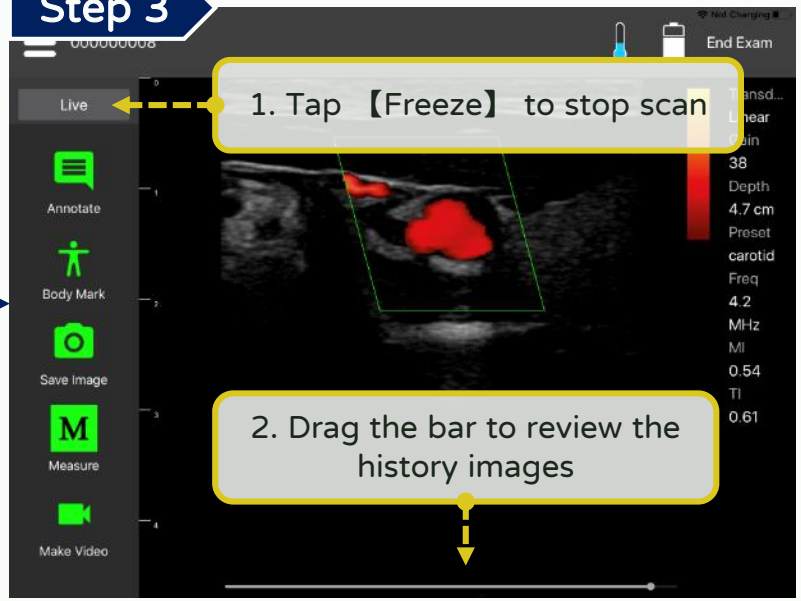
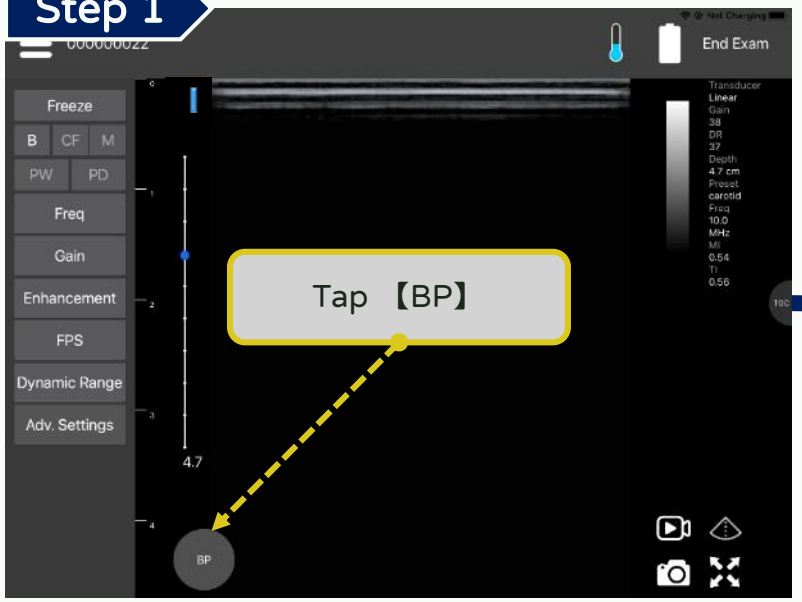
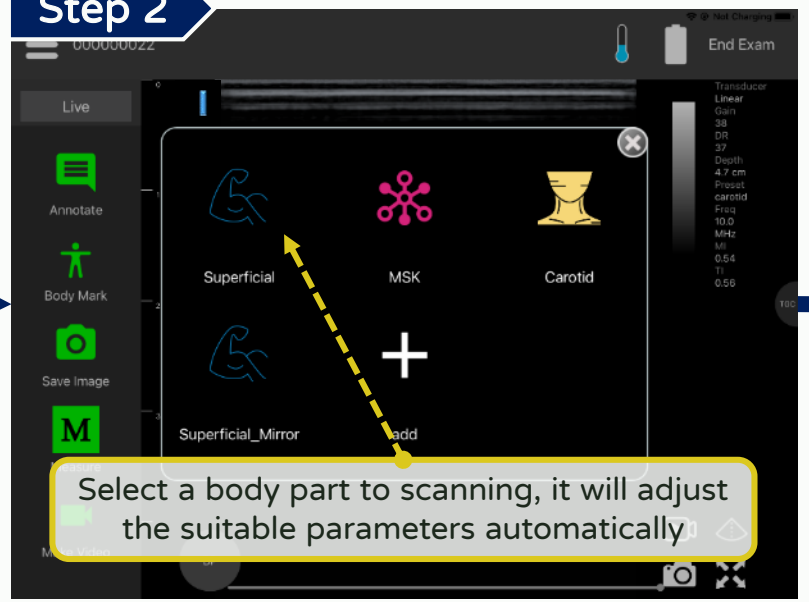


Scan - Select and customize a preset

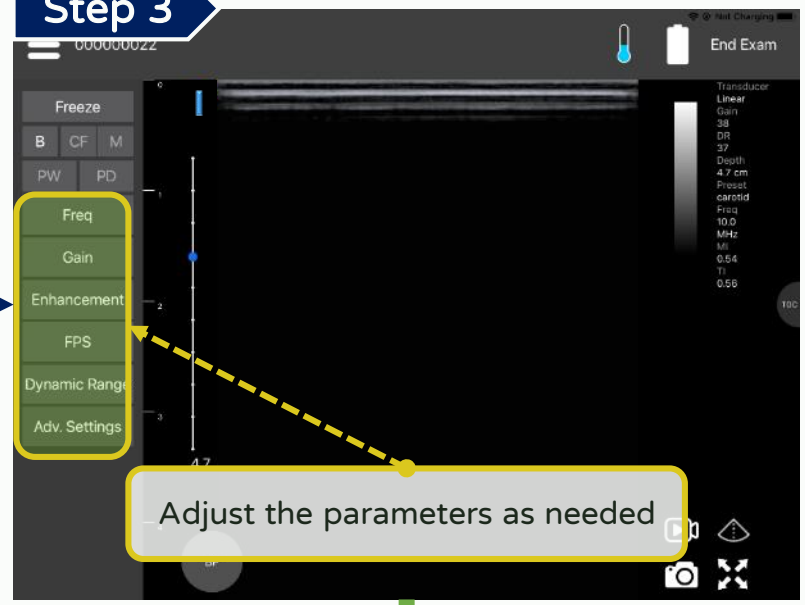
Step 1



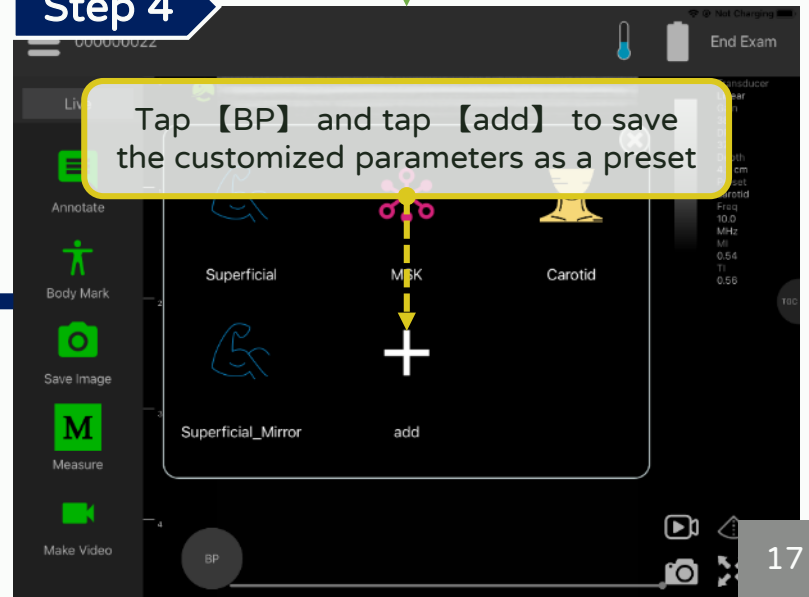
Step 2



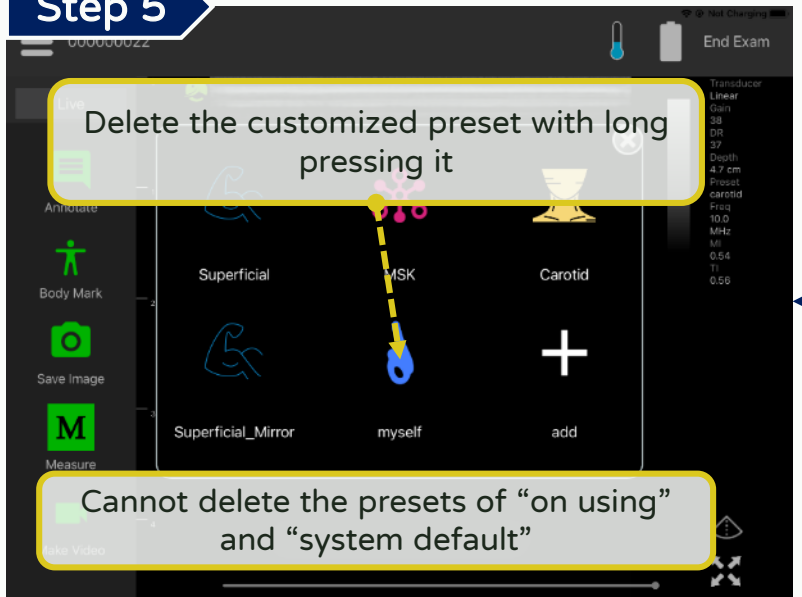
Step 3



Step 4

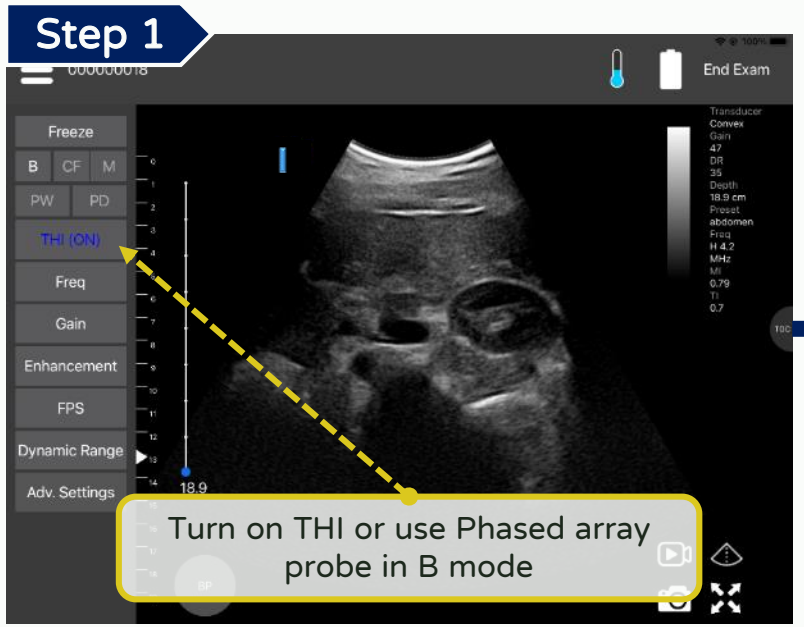


Step 5

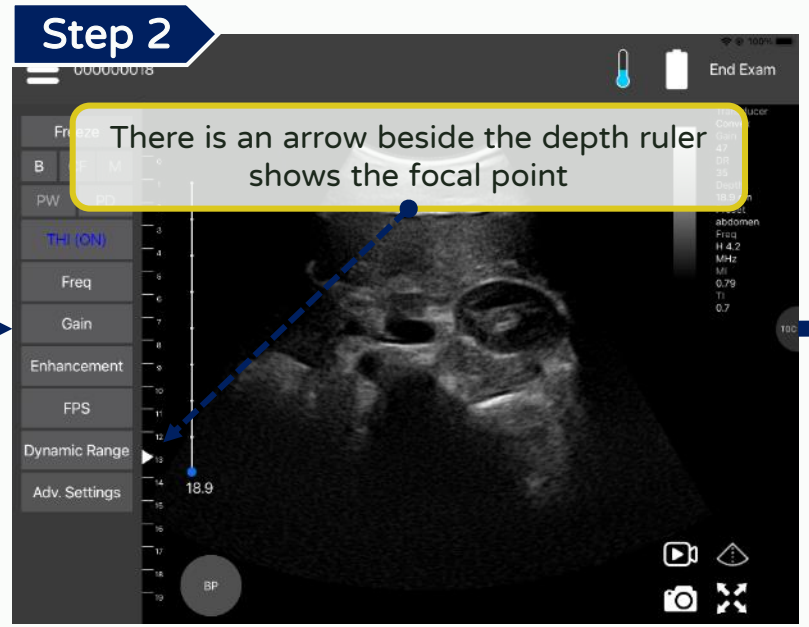


Scan - Adjust focus

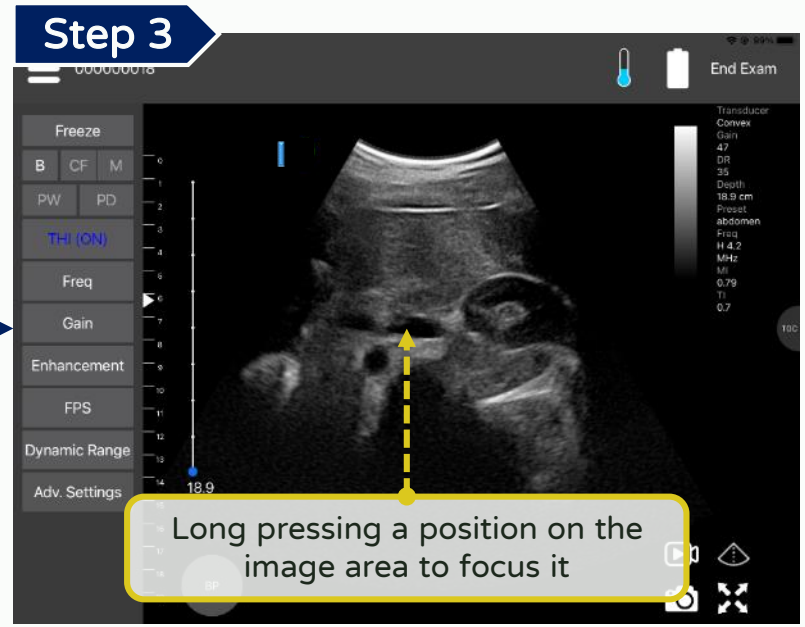
Step 1



Step 2

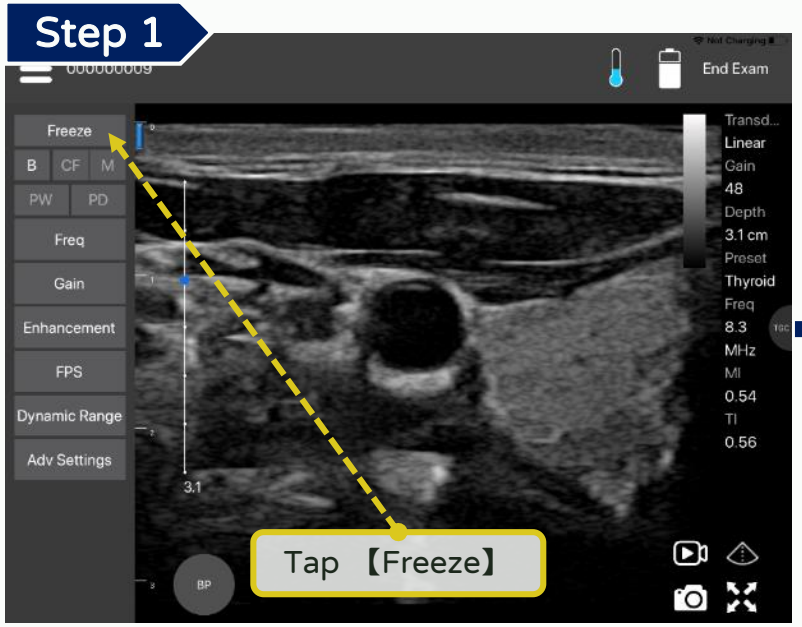


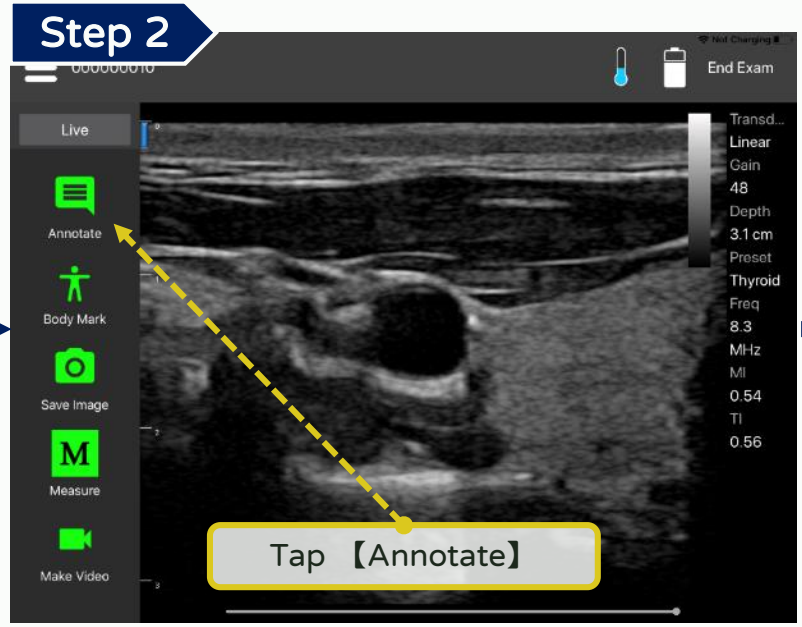
Step 3

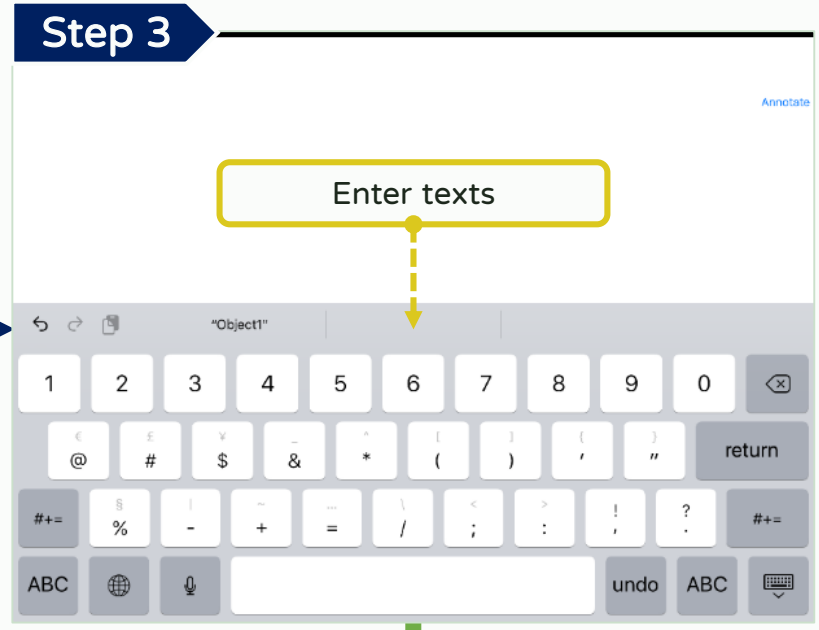


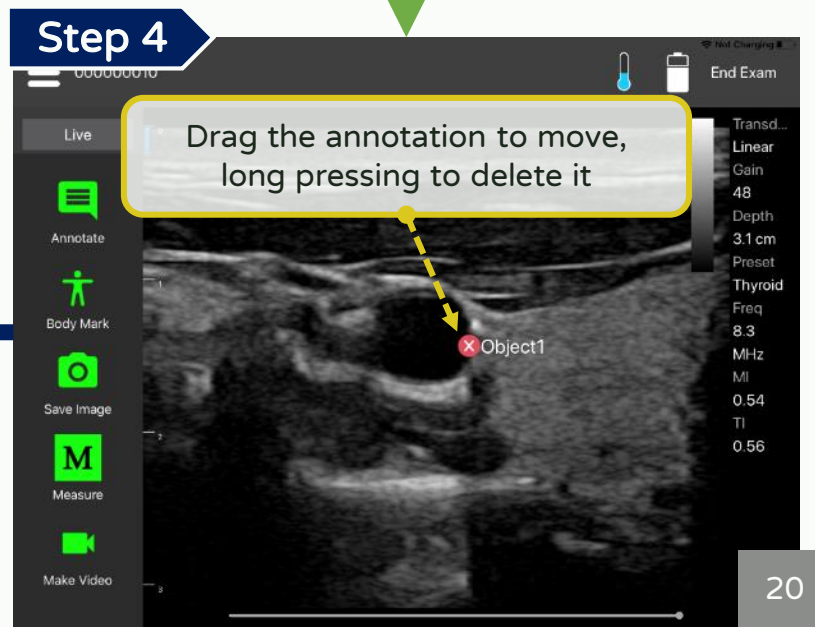
【 Annotate, measure and save 】

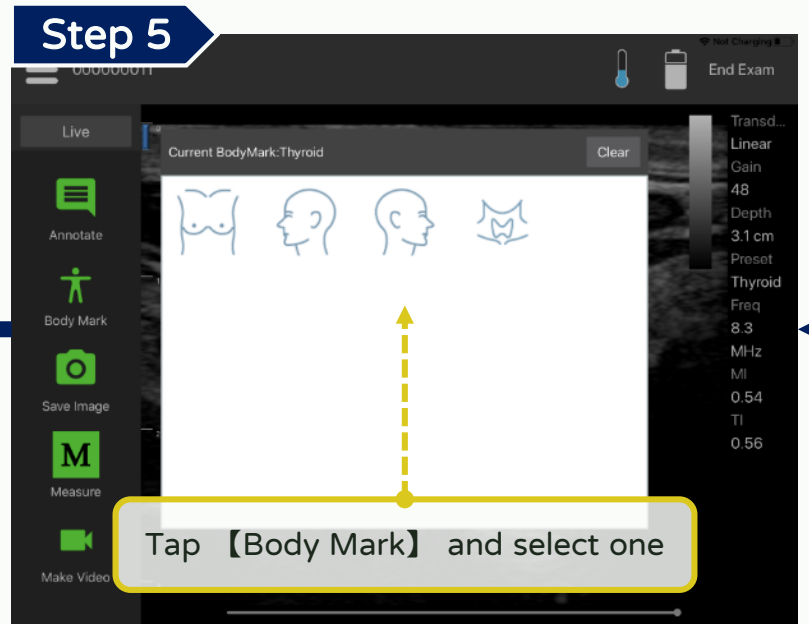
Annotate, measure and save - Annotate & Body mark

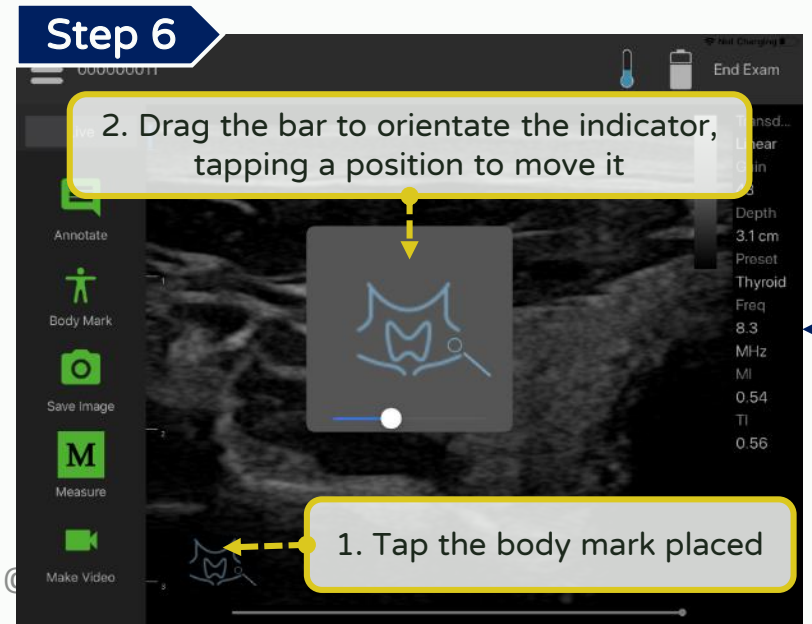




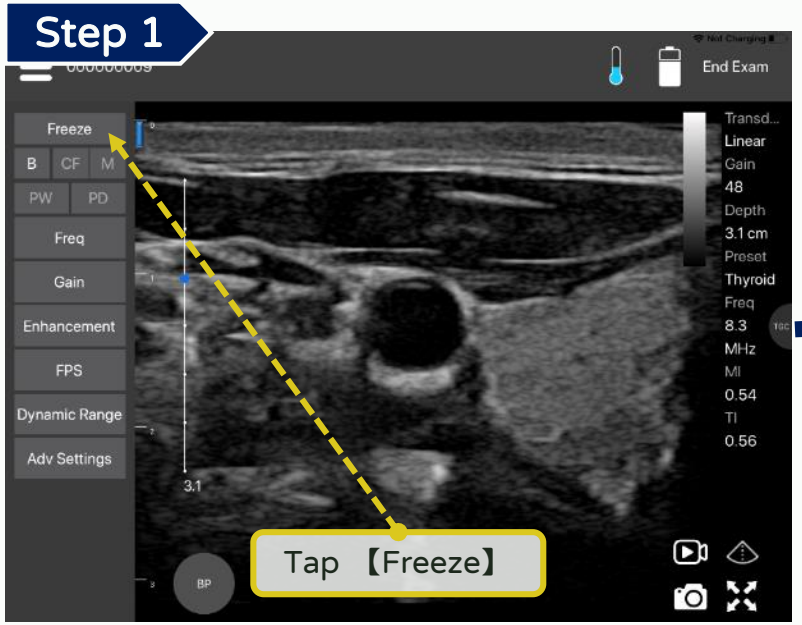


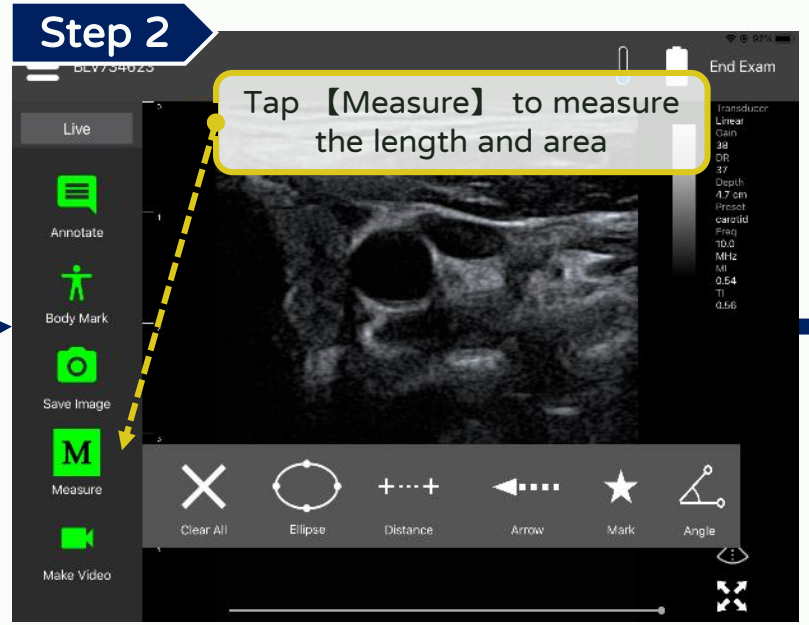


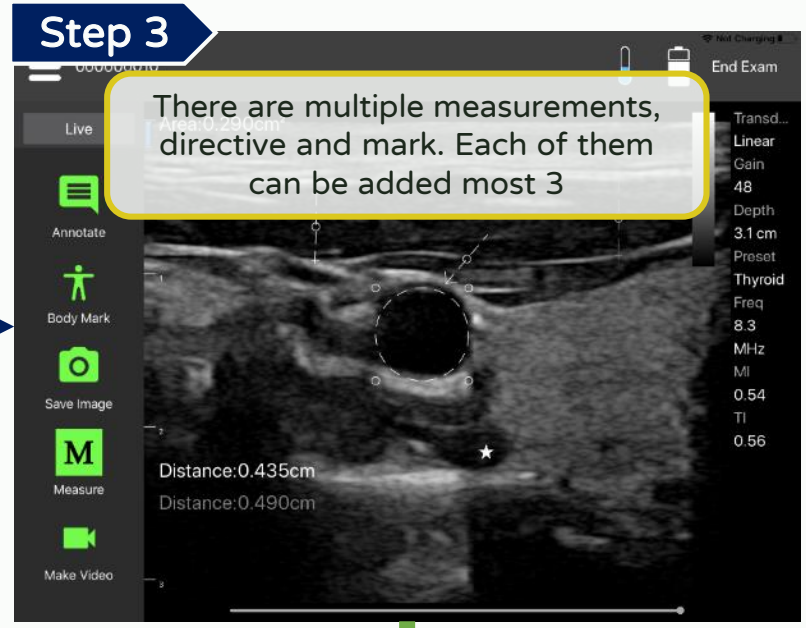


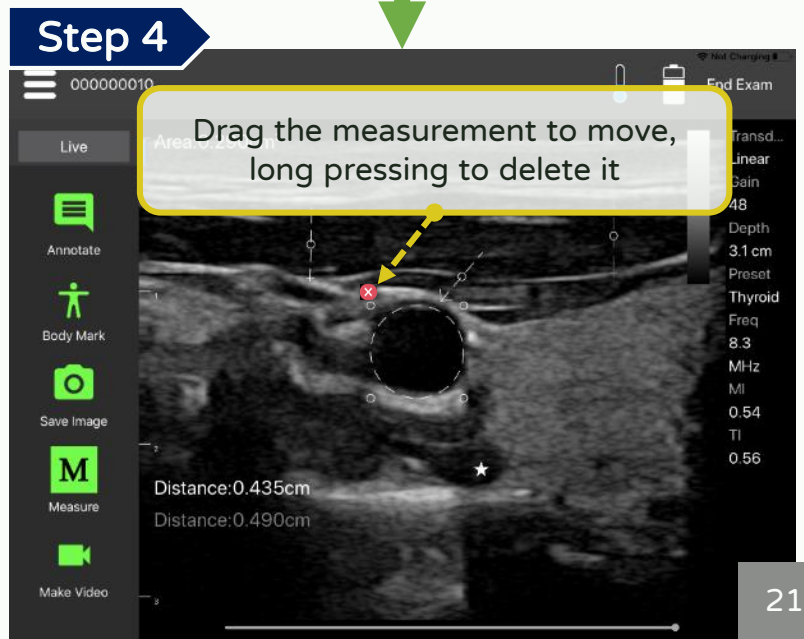


Annotate, measure and save - Measure



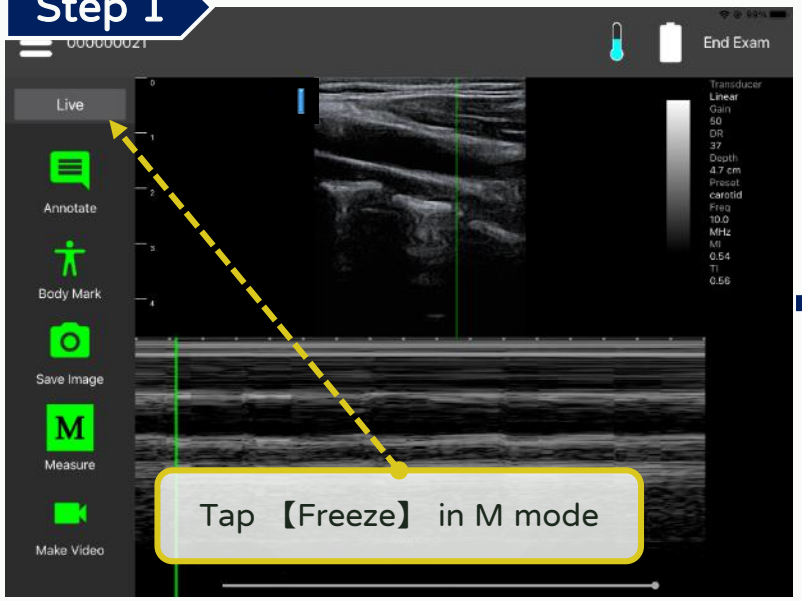




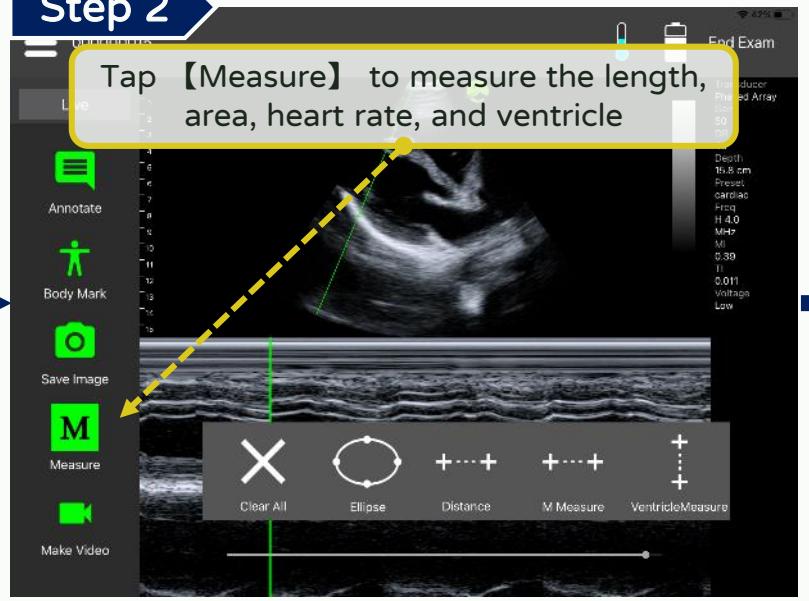


Annotate, measure and save - Measure in M mode

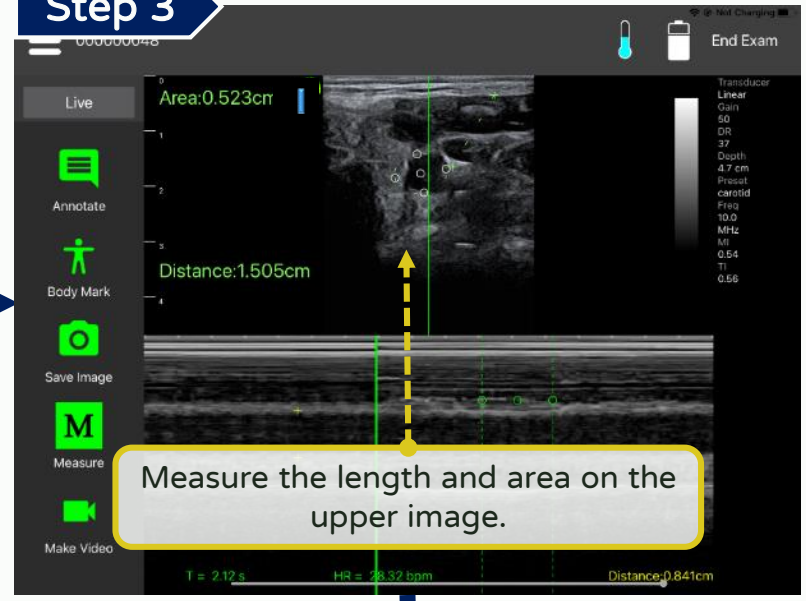
Step 1



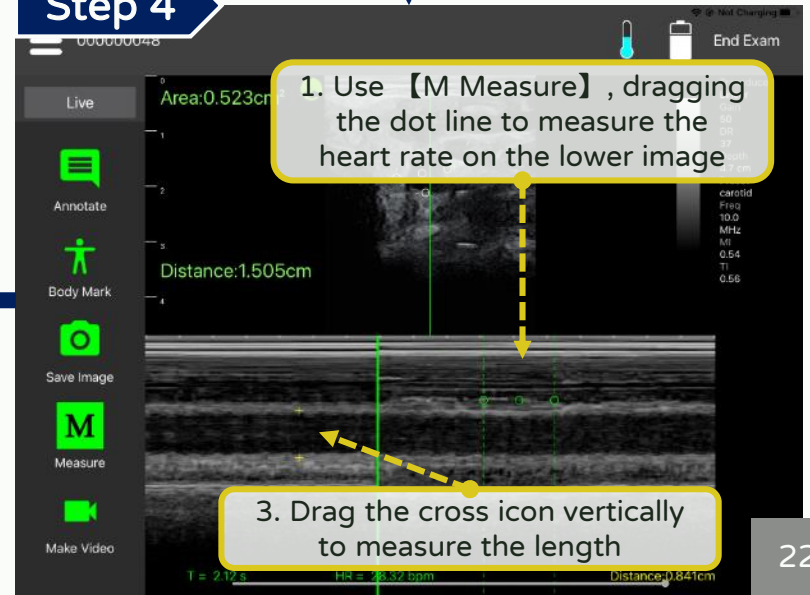
Step 2



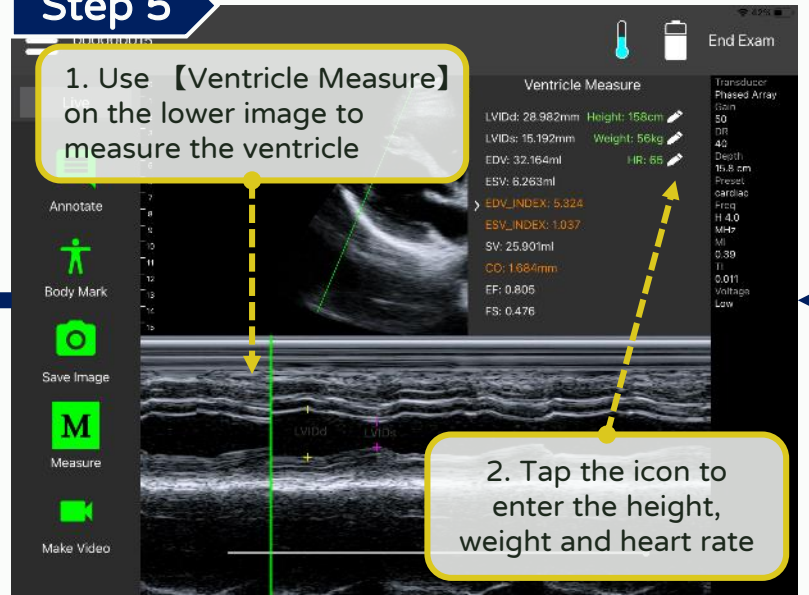
Step 3



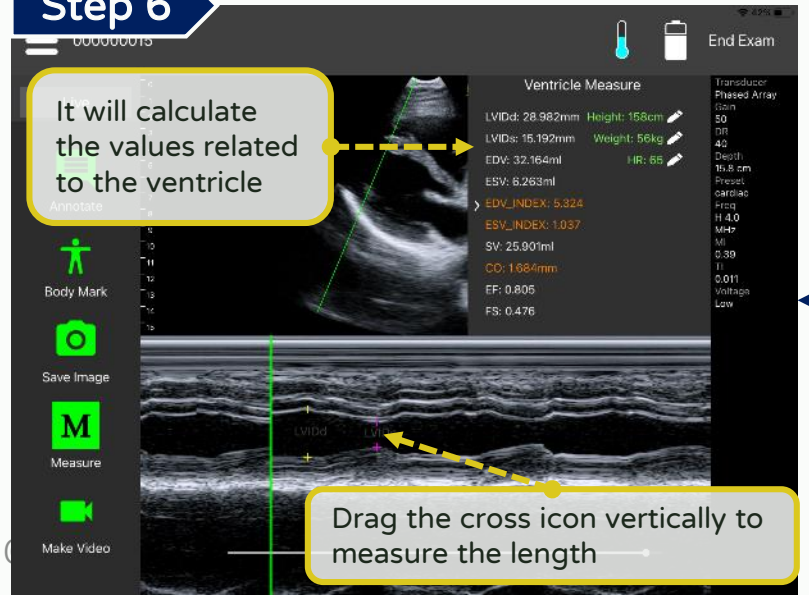
Step 4



Step 5

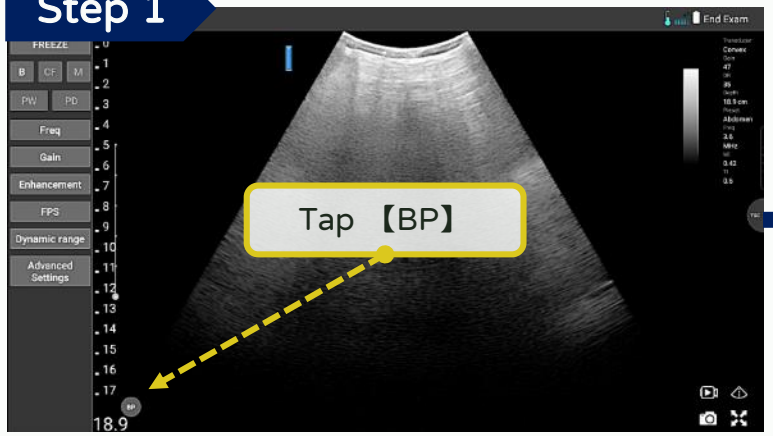


Step 6

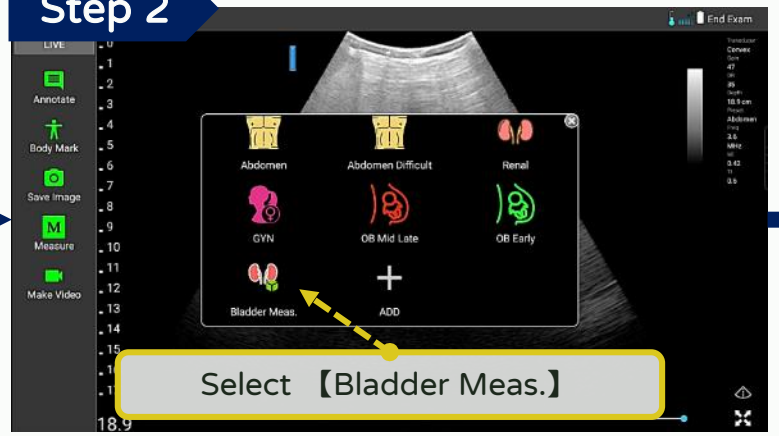


Annotate, measure and save - Measure Bladder

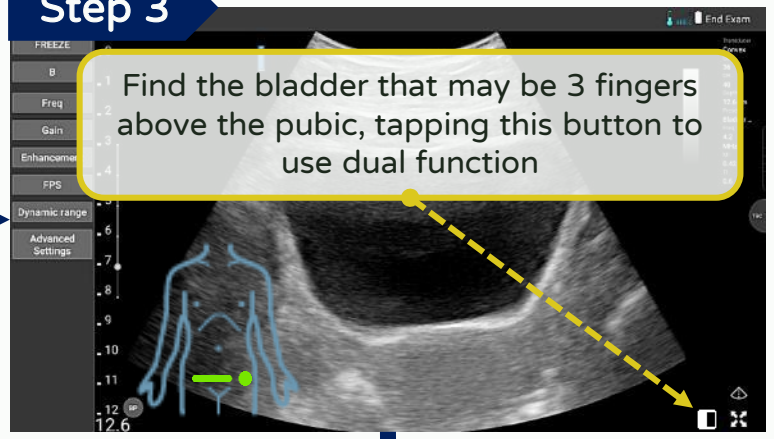
Step 1



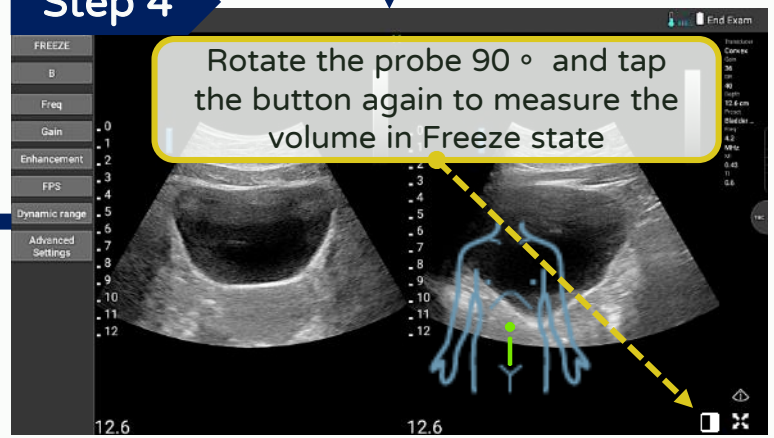
Step 2



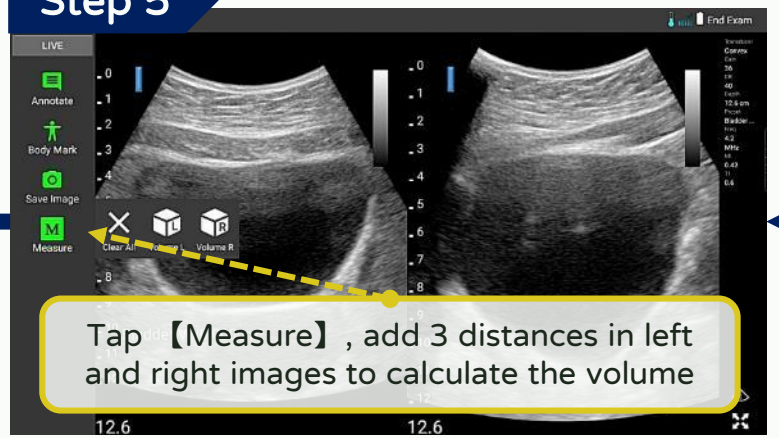
Step 3



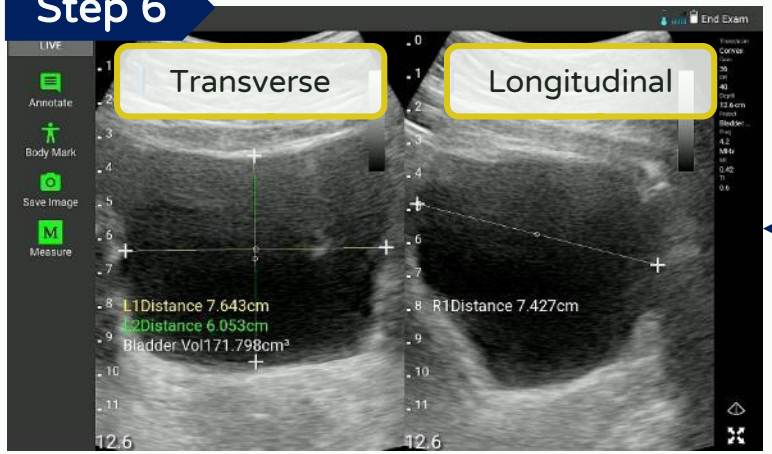
Step 4



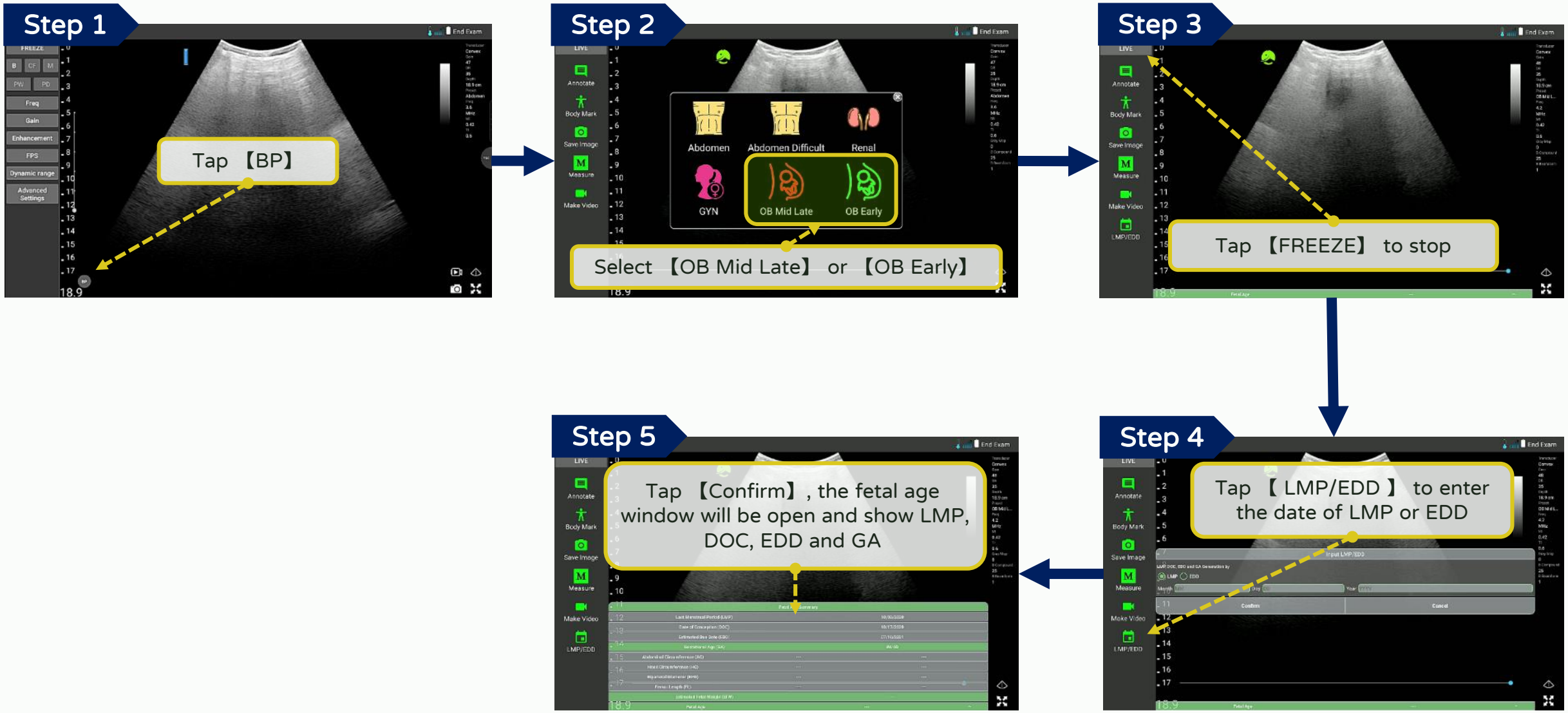
Step 5



Step 6

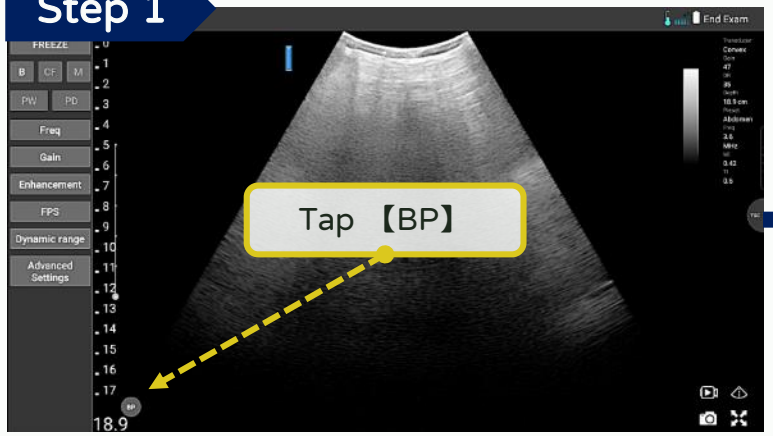


Annotate, measure and save - Calculating the gestational age

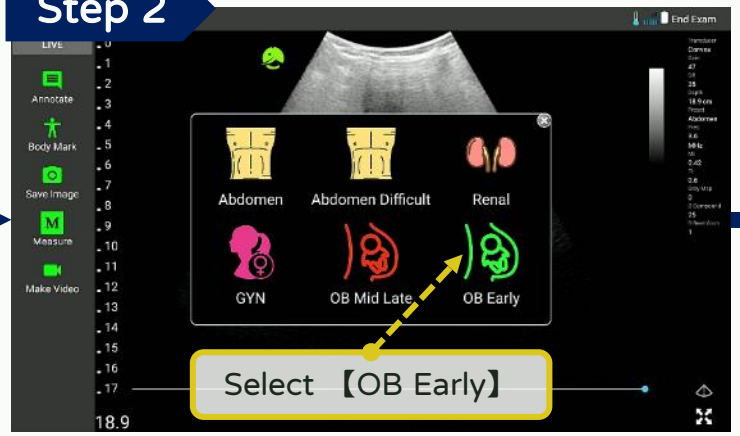


Annotate, measure and save - Measuring in OB early

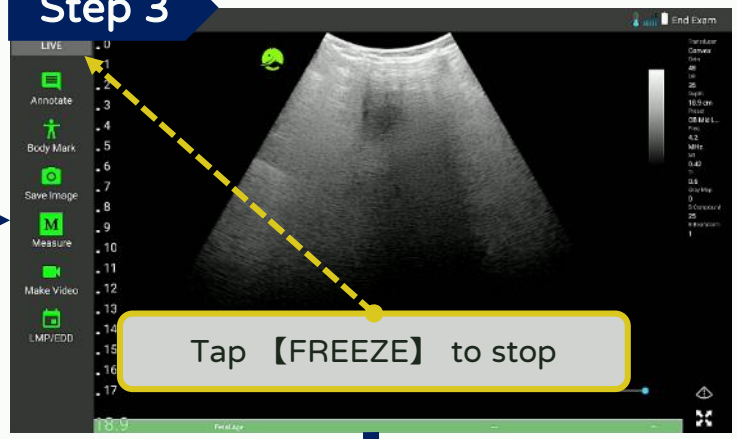
Step 1



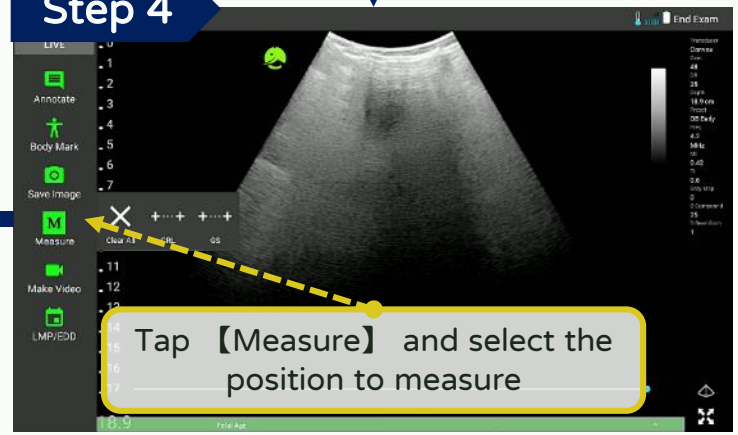
Step 2



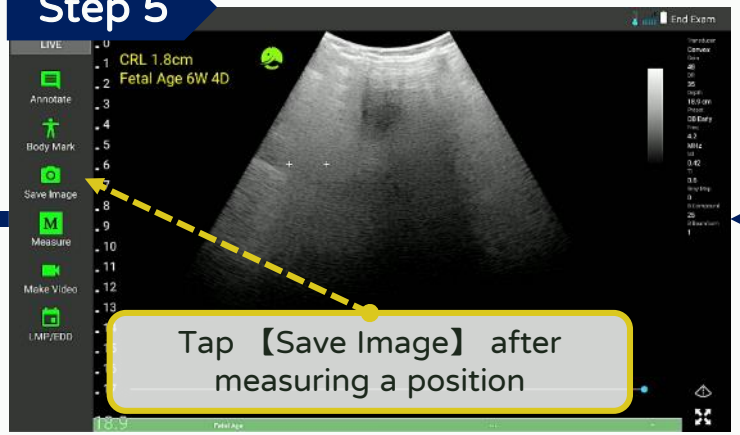
Step 3



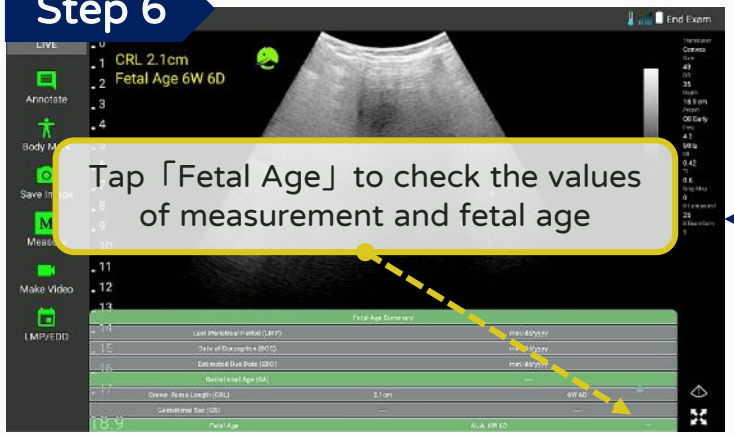
Step 4



Step 5

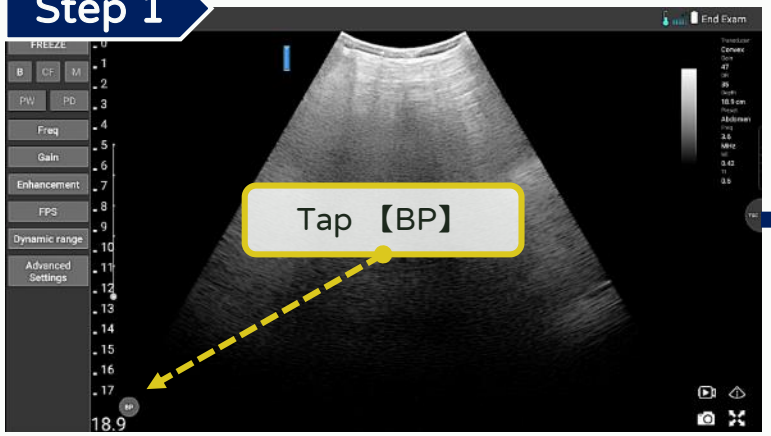


Step 6

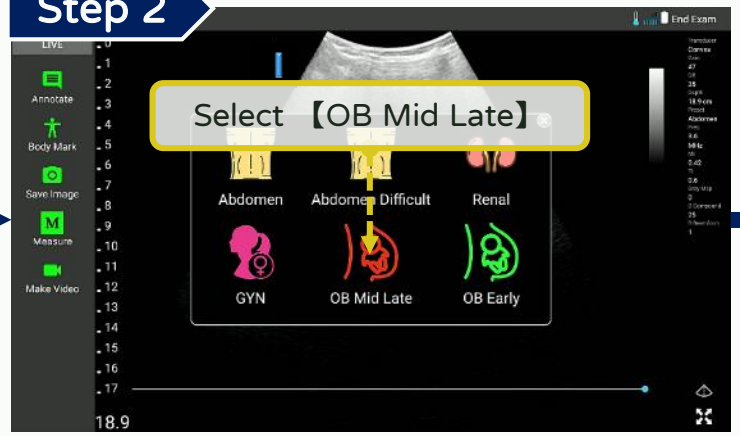


Annotate, measure and save - Measuring in OB mid late

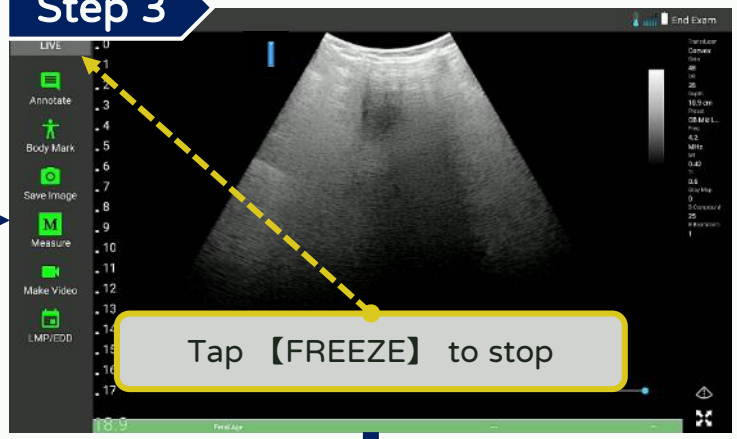
Step 1



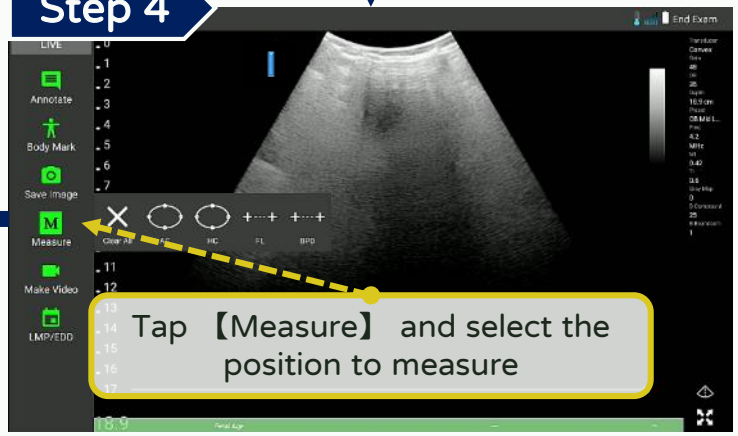
Step 2



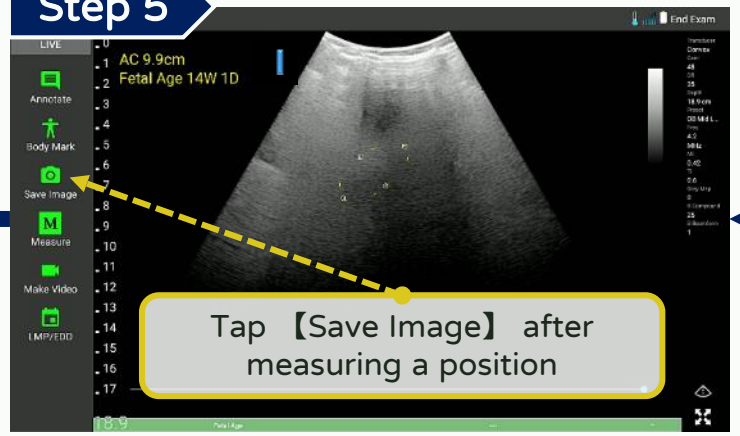
Step 3



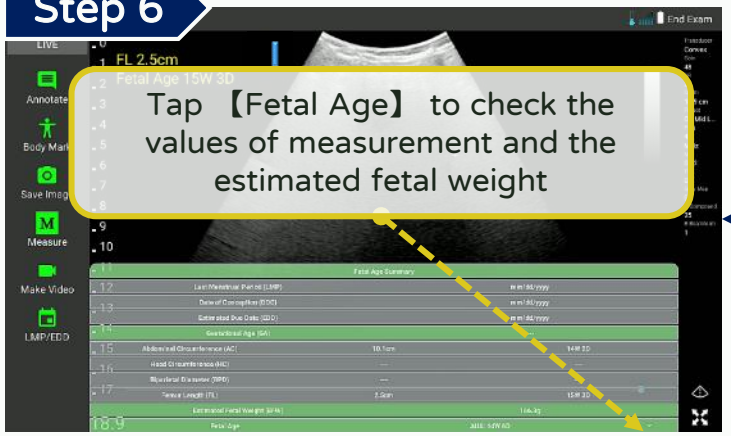
Step 4



Step 5

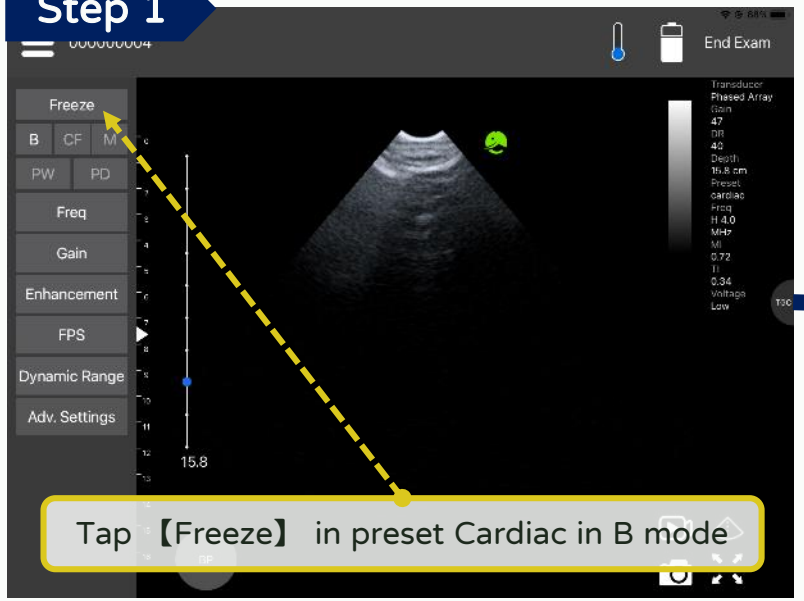


Step 6

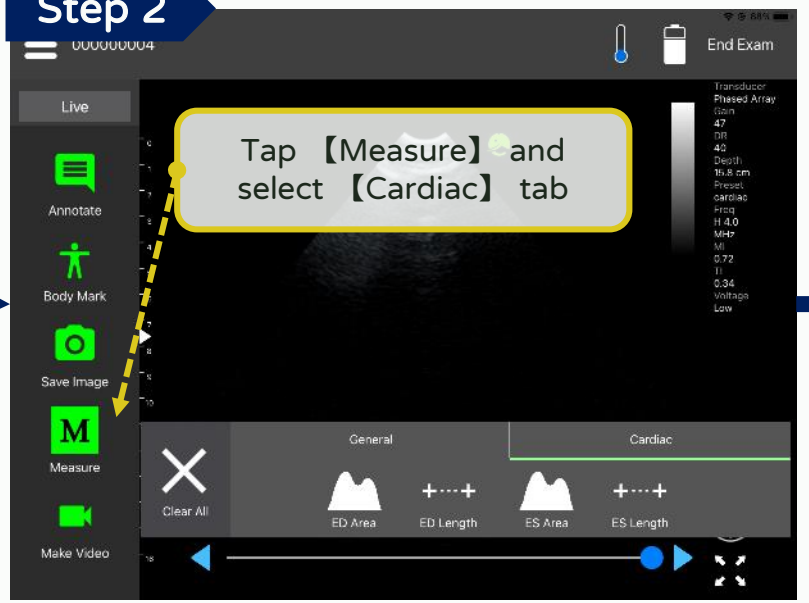


Annotate, measure and save - Measuring cardiac in B mode

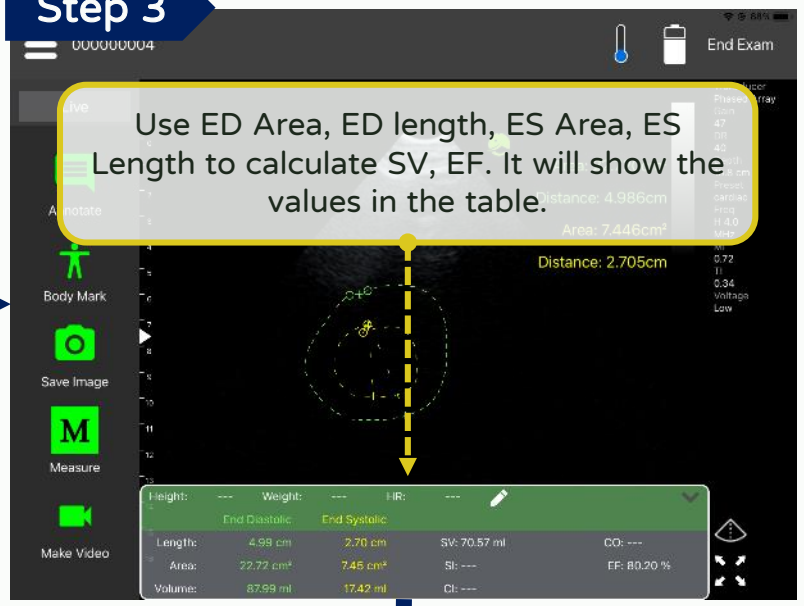
Step 1



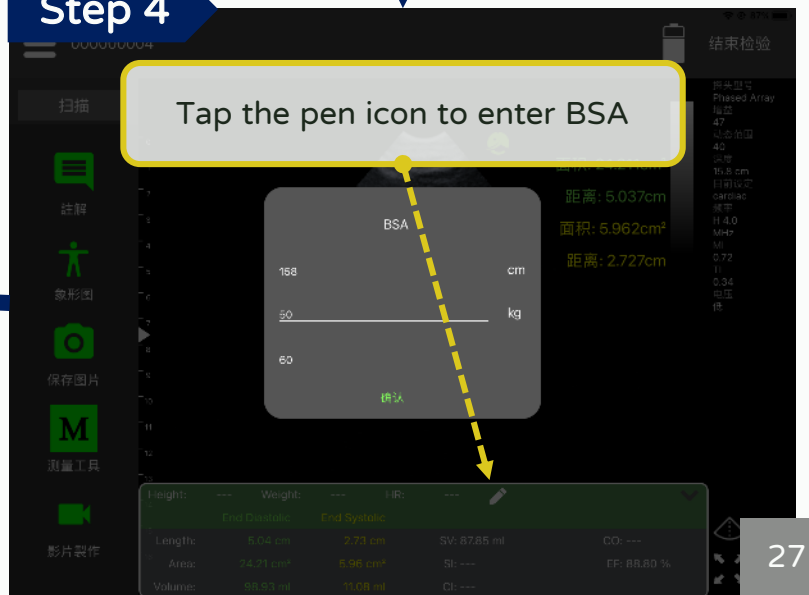
Step 2



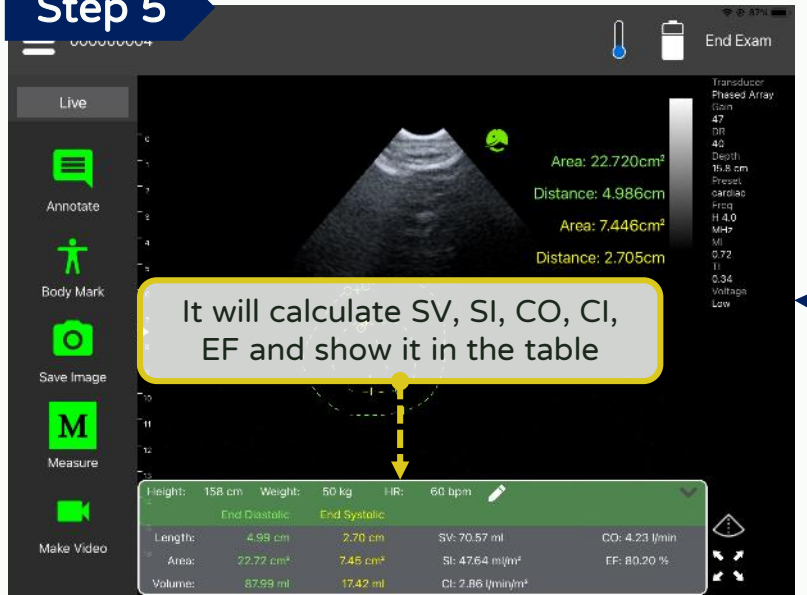
Step 3



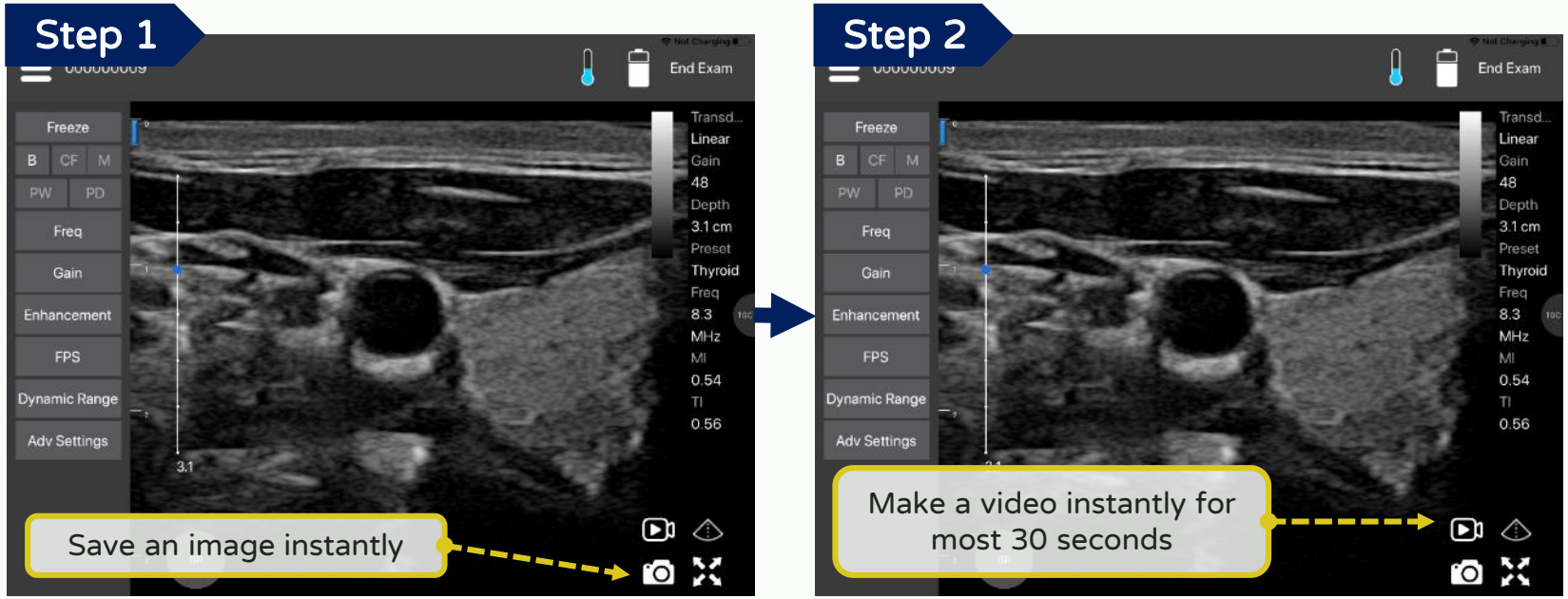
Step 4



Step 5

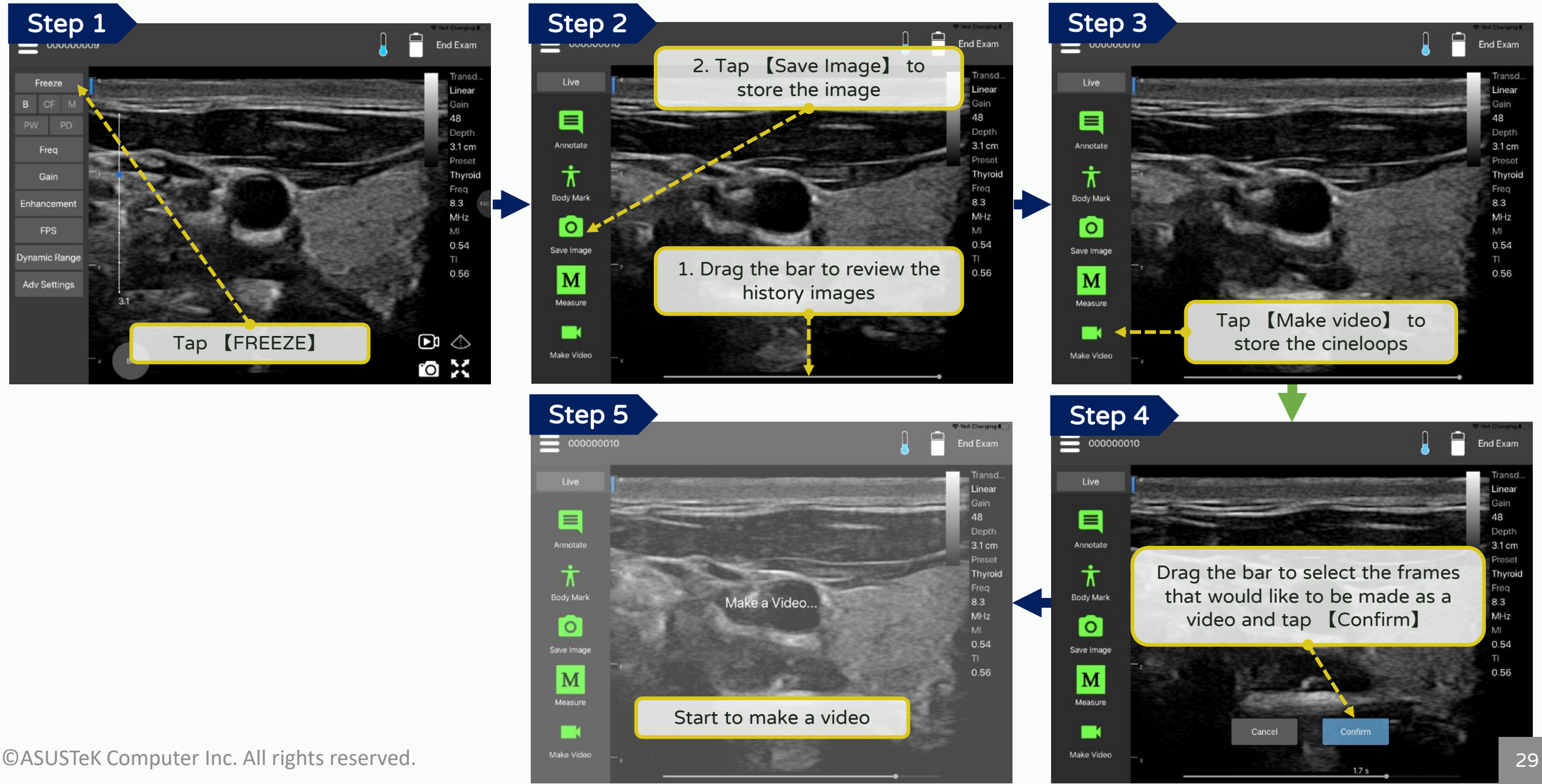


Annotate, measure and save - Save (Instant)



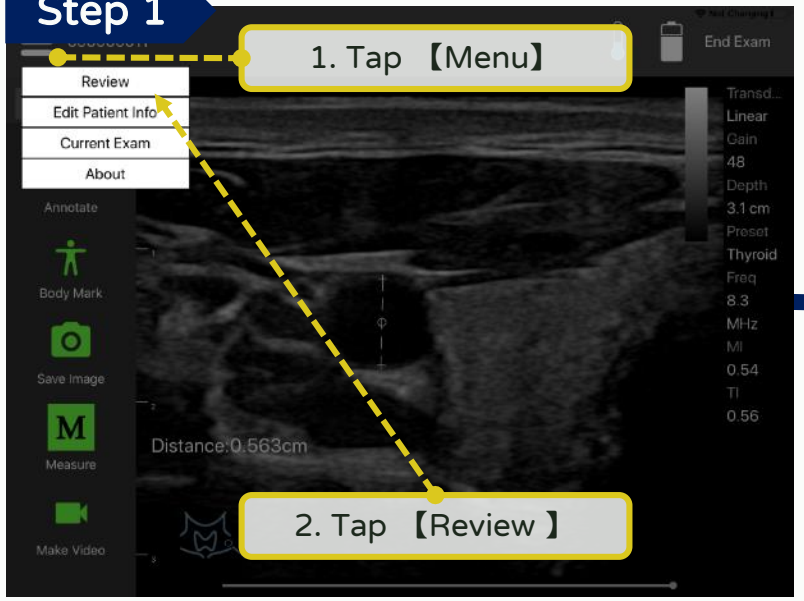
“Save an image instantly” hasn’t support the annotation and measurement etc. yet

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

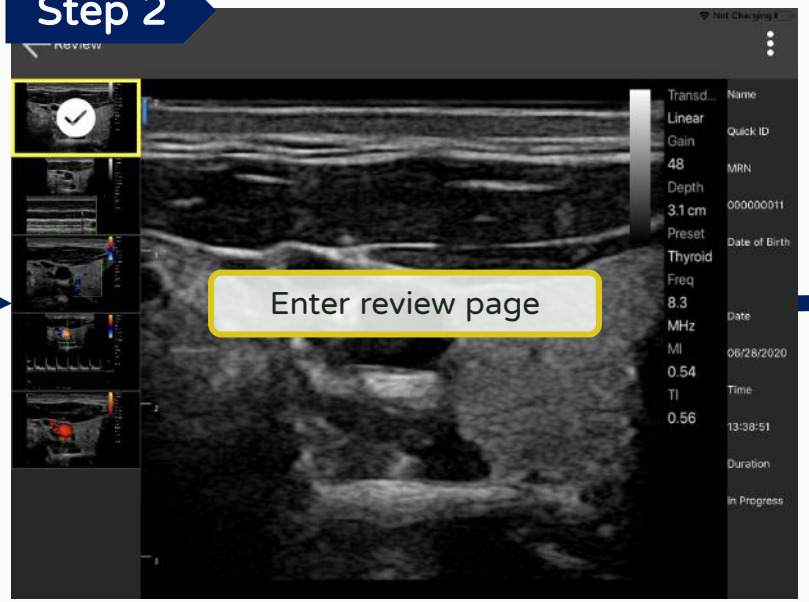


Annotate, measure and save - Export

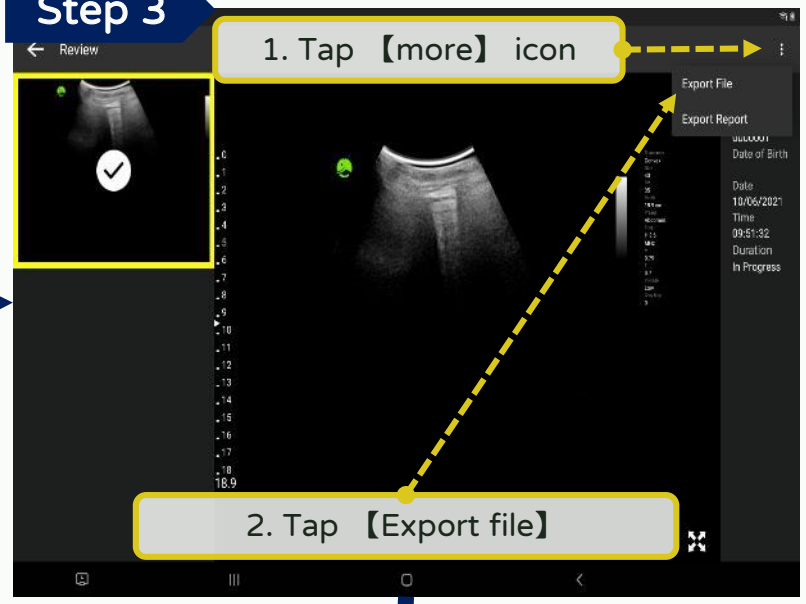
Step 1



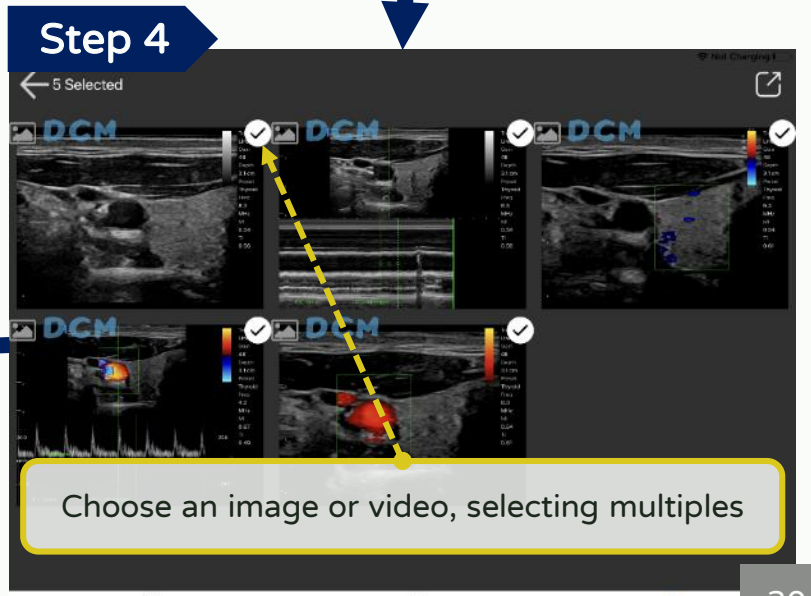
Step 2



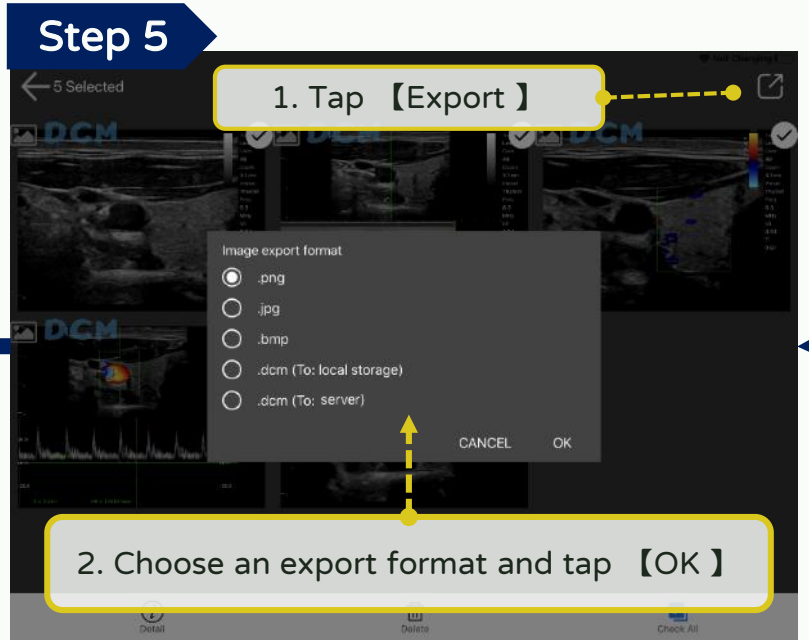
Step 3



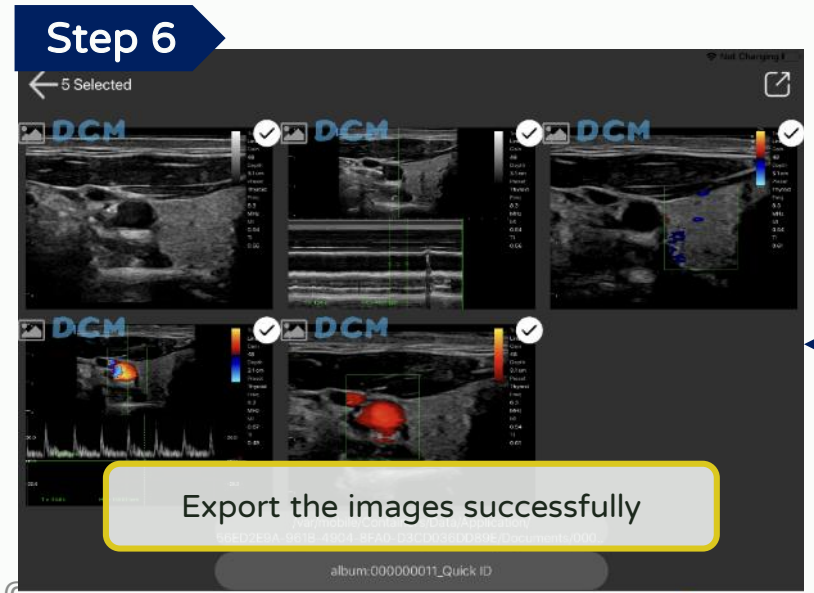
Step 4



Step 5

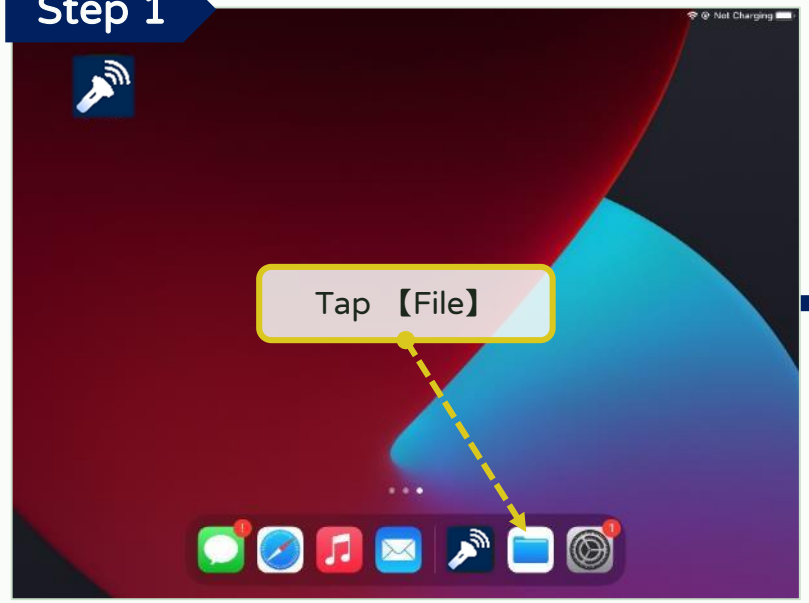


Step 6



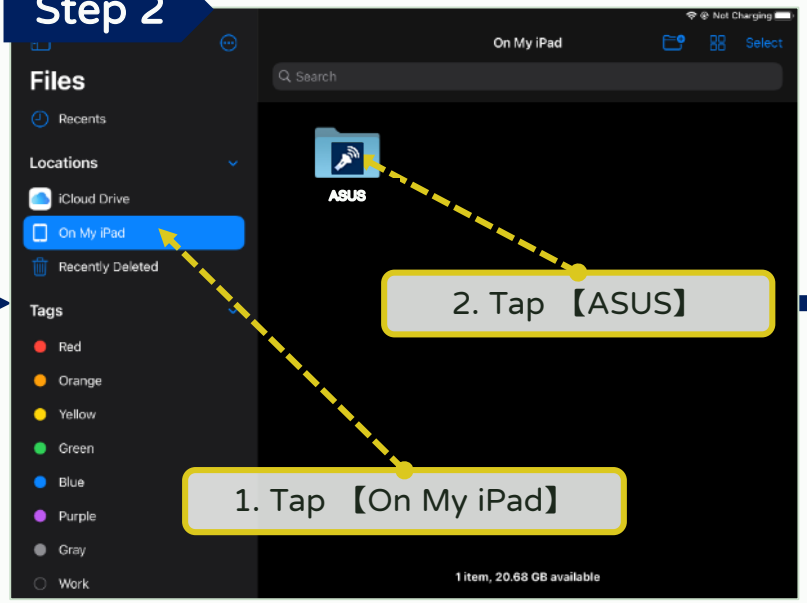
Annotate, measure and save - Export path

Step 1

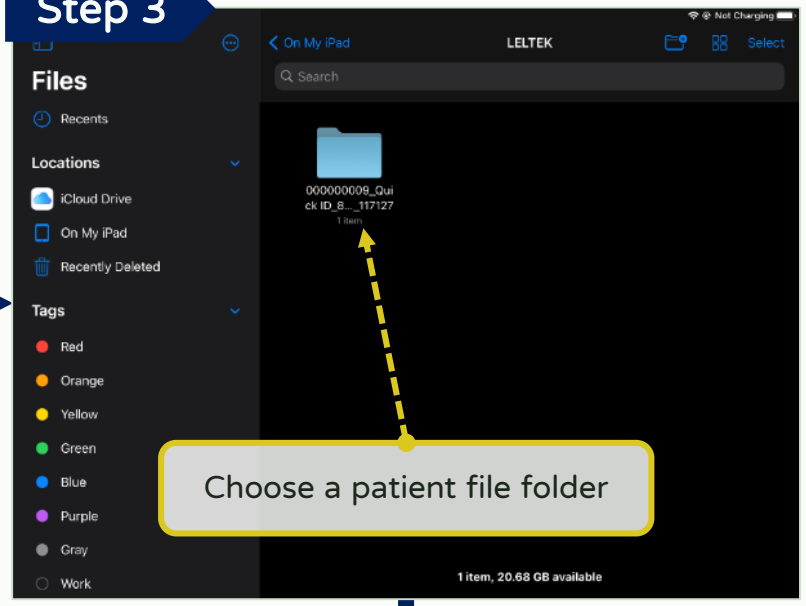


The folder where files are placed in each smart device is different, please refer to the device manual

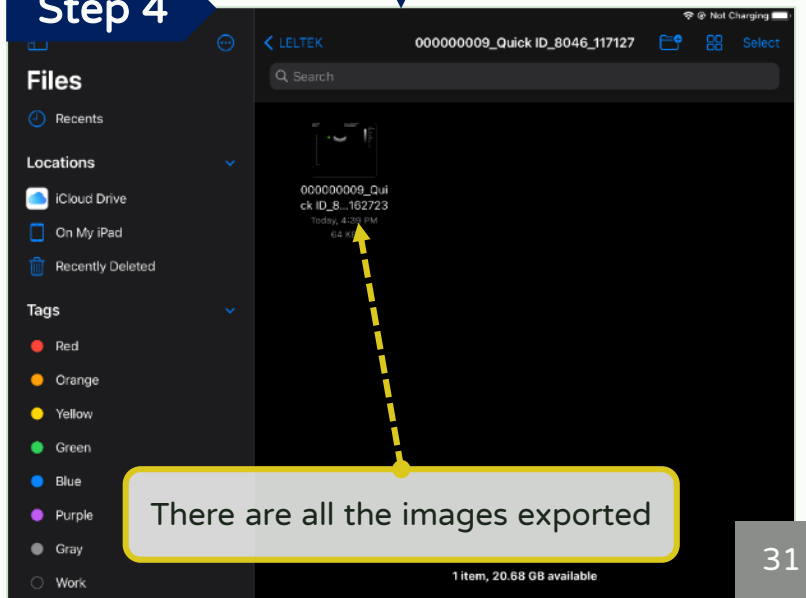
Step 2



Step 3



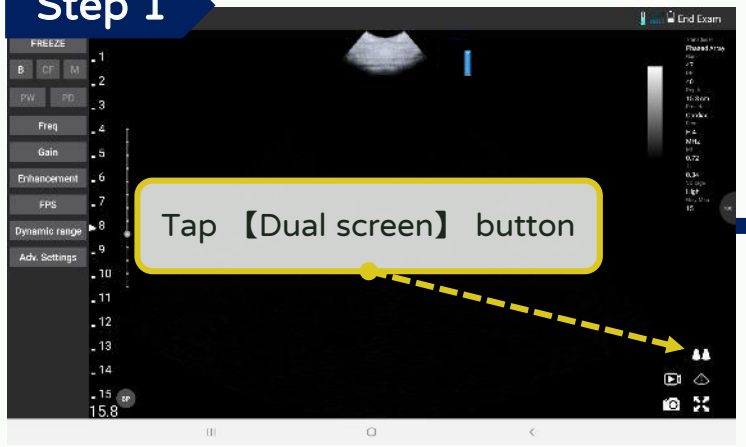
Step 4



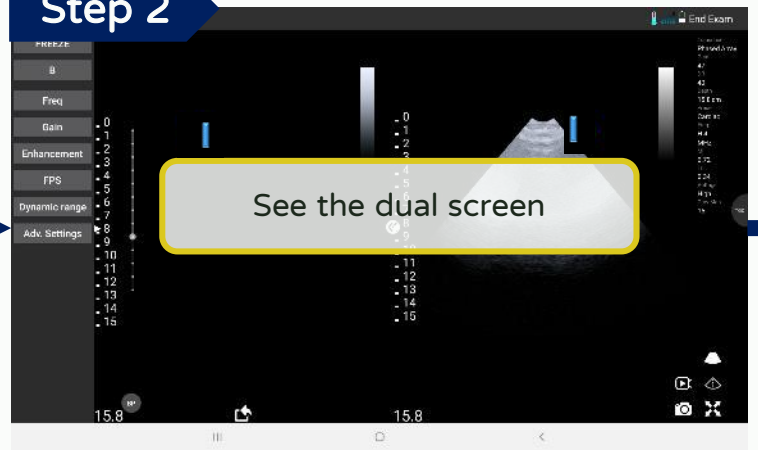
【Dual screen】

Dual Screen - Turn on / off

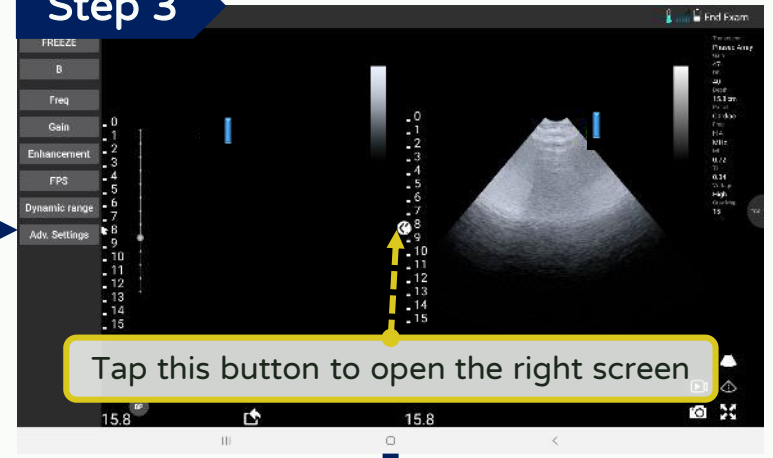
Step 1



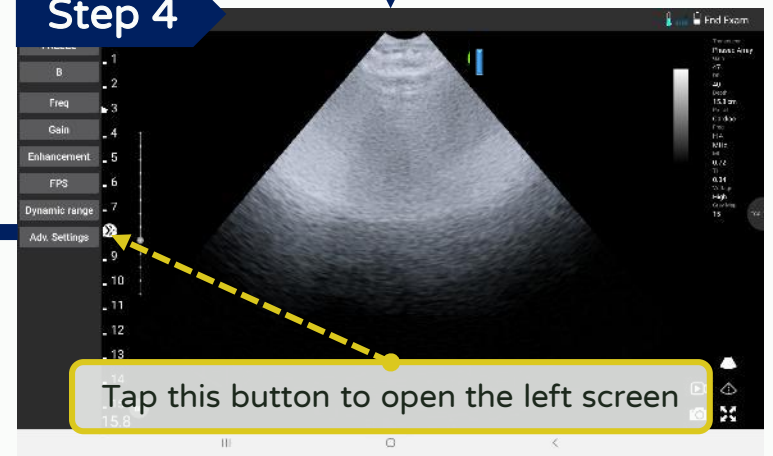
Step 2



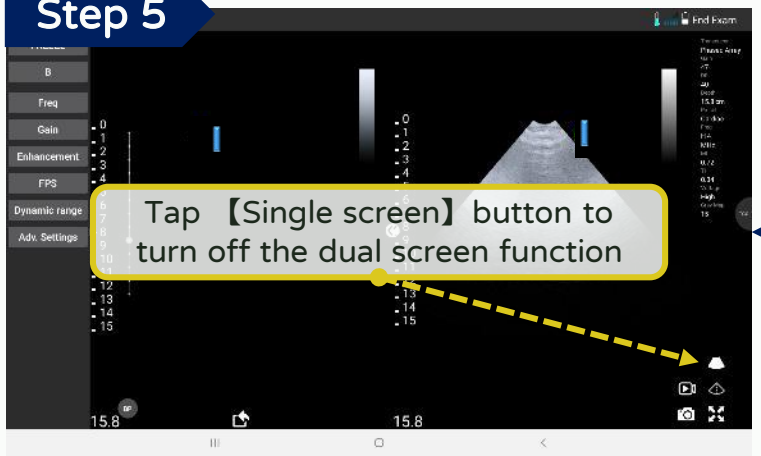
Step 3



Step 4

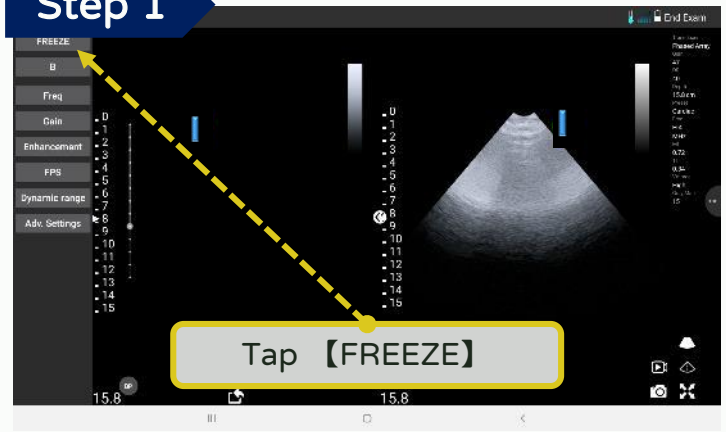


Step 5

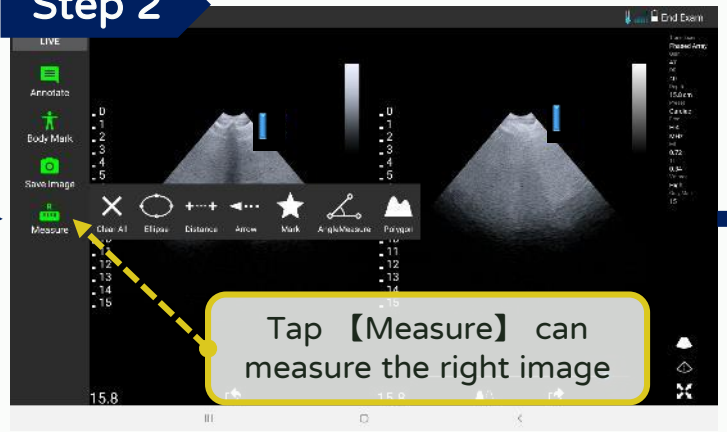


Dual Screen - Measure and export the current image

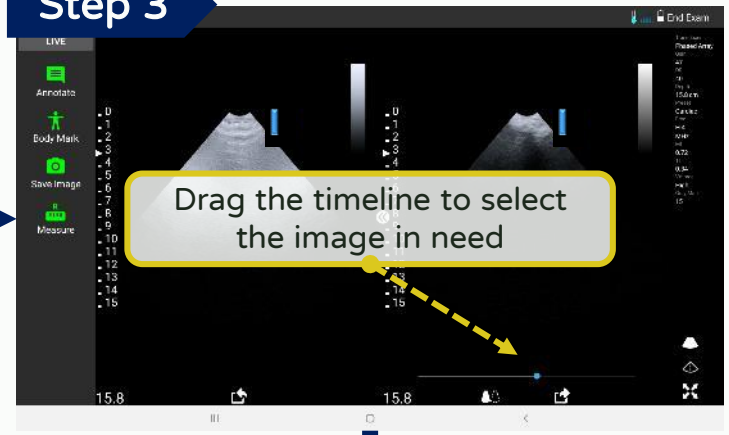
Step 1



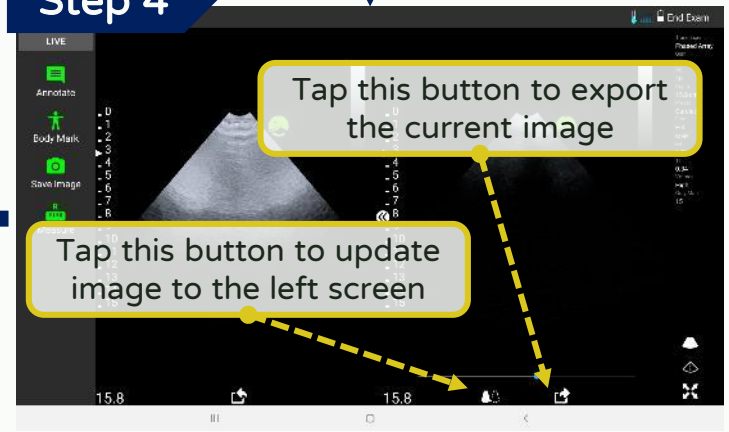
Step 2



Step 3

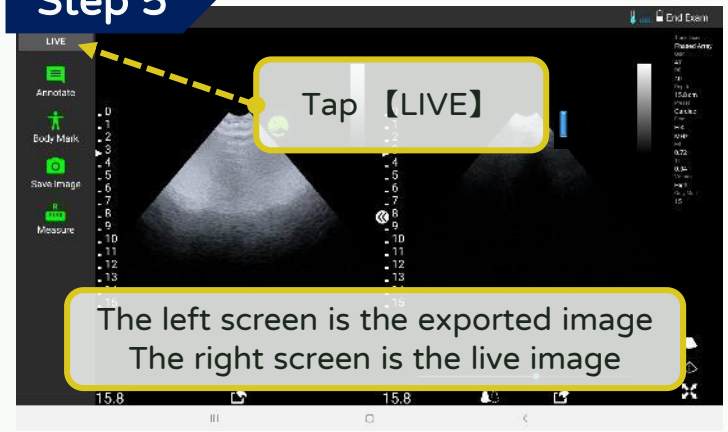


Step 4



How to check the exported images, please refer to

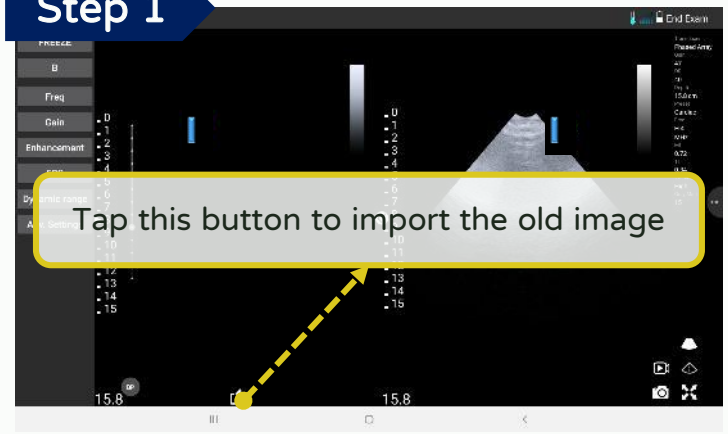
Step 5



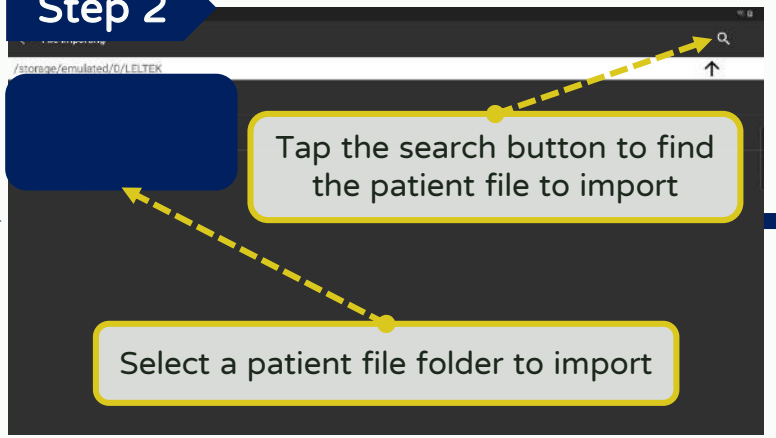
The detail of importing the image, please refer to the

Dual Screen - Import the old image

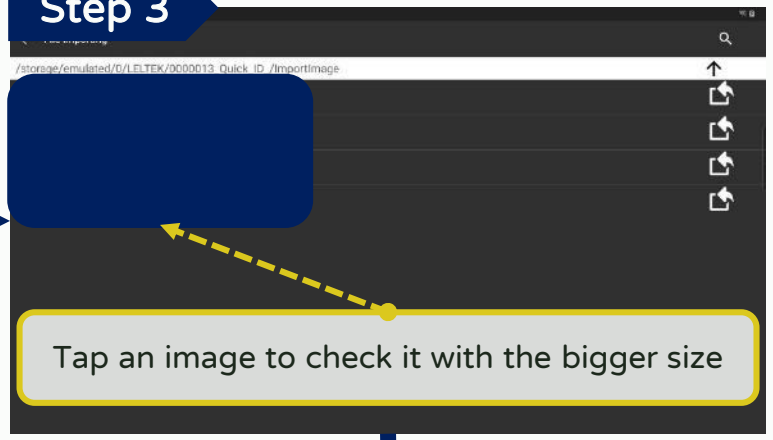
Step 1



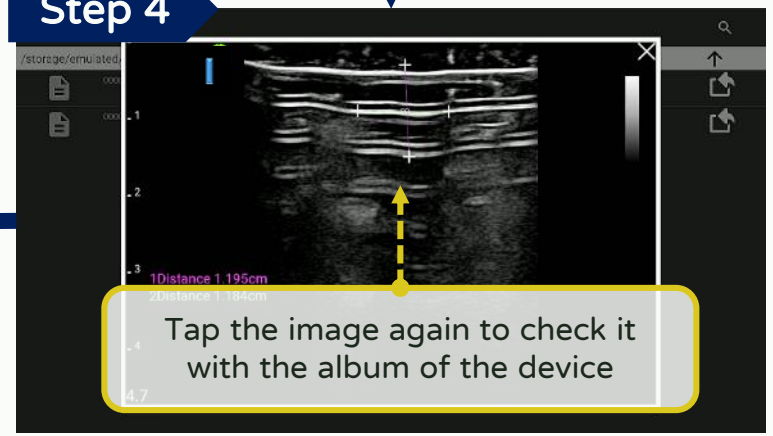
Step 2



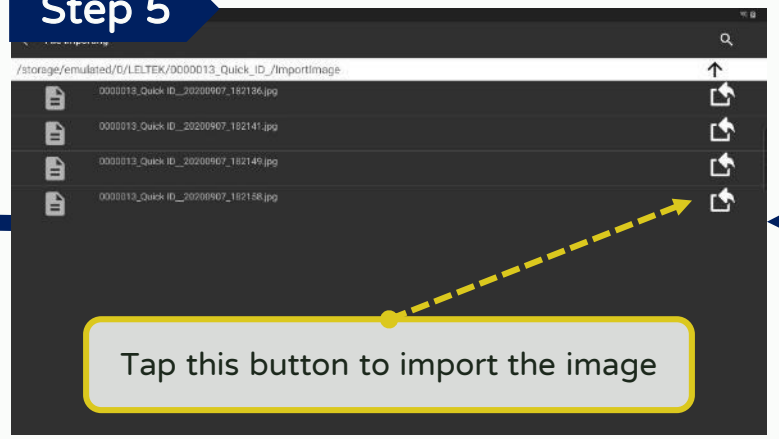
Step 3



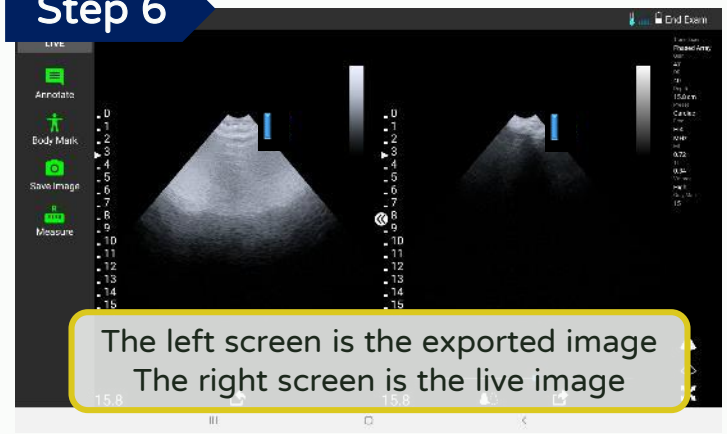
Step 4



Step 5

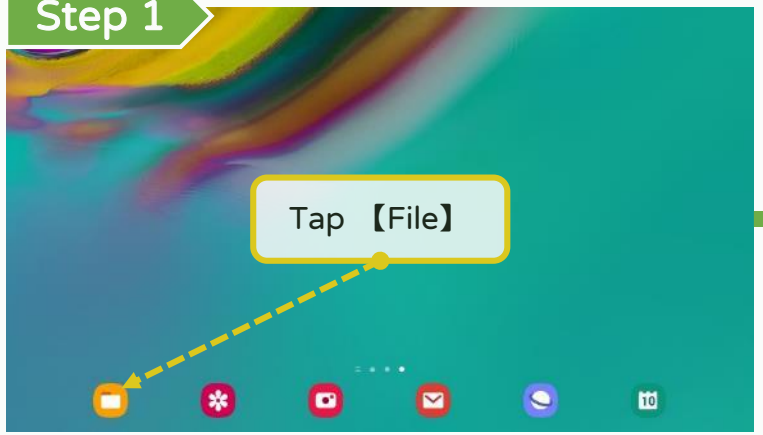


Step 6



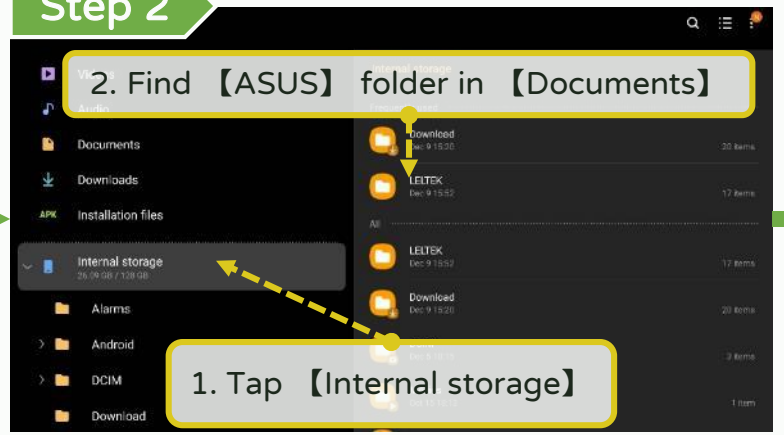
Dual Screen - Check the image exported

Step 1

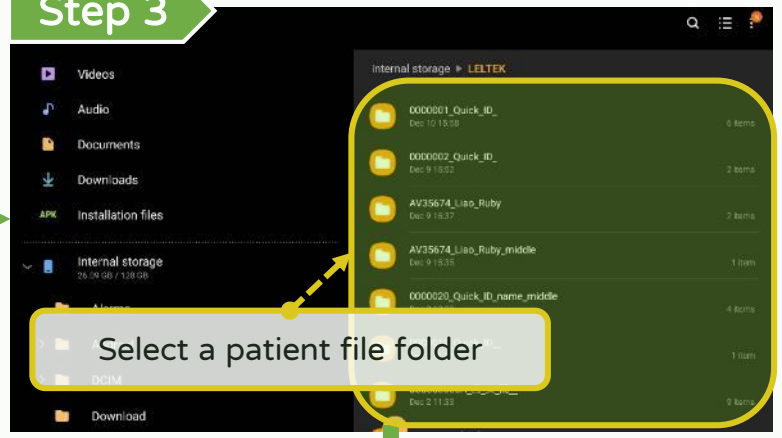


The folder where files are placed in each smart device is different, please refer to the device manual

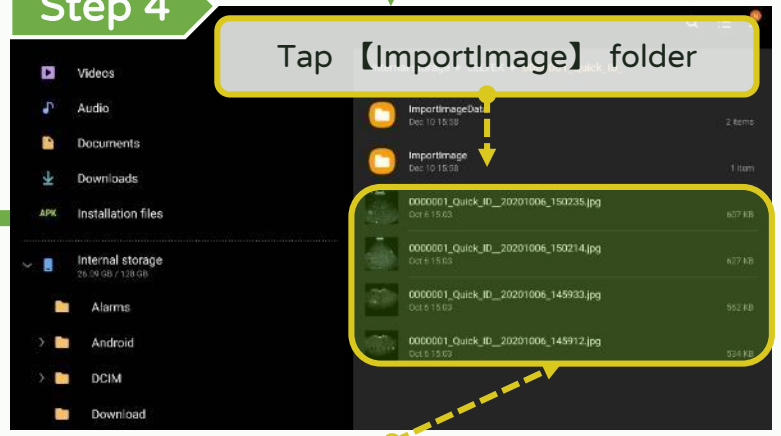
Step 2



Step 3

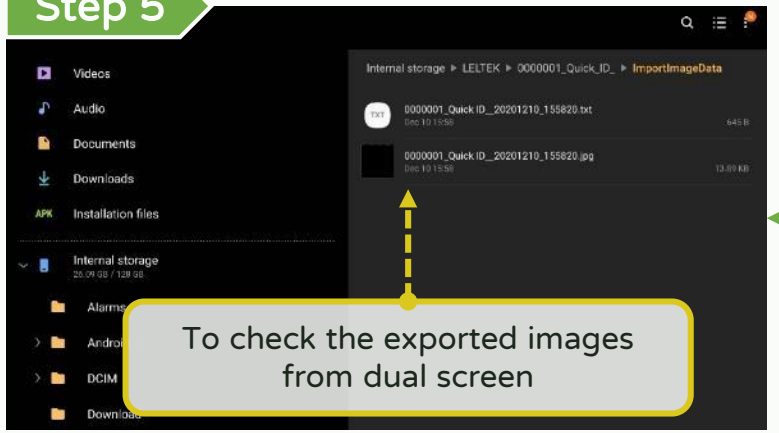


Step 4



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

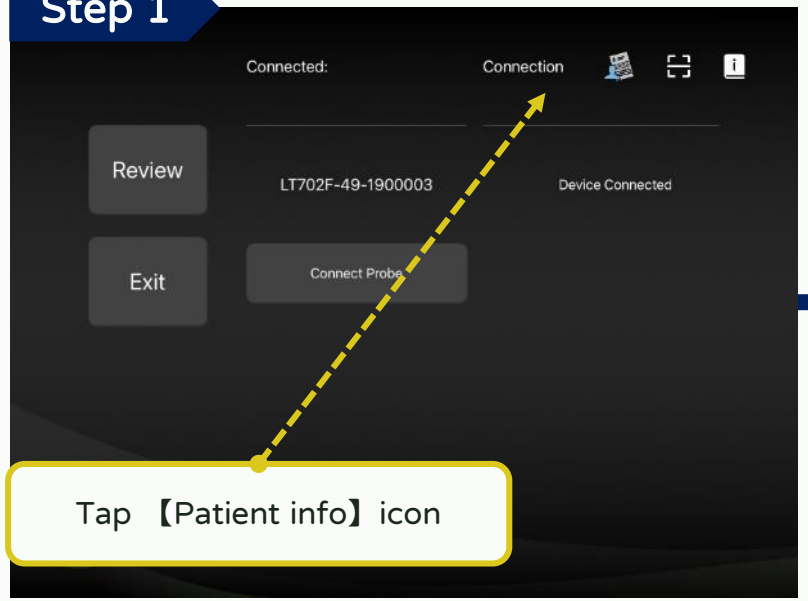
Step 5



【 DICOM support 】

DICOM support - Download worklist (1/2)

Step 1

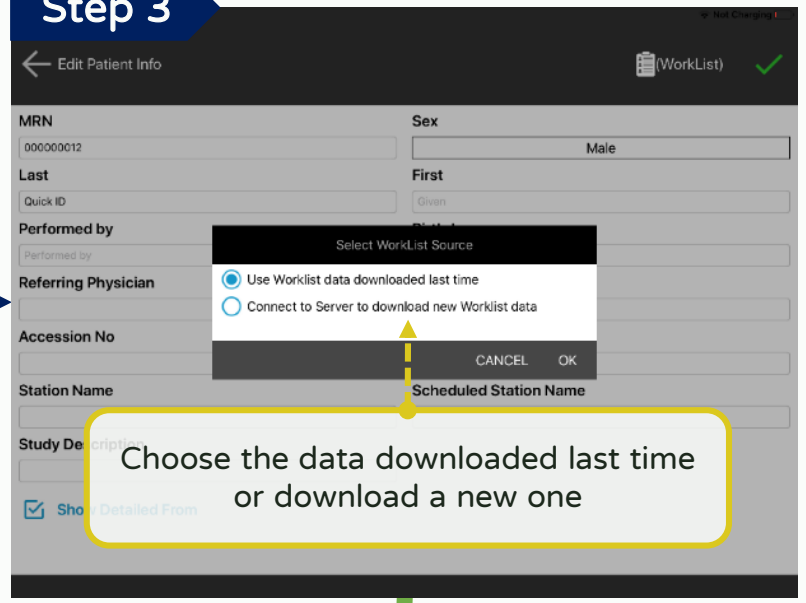


Tap 【Patient info】icon

Step 2

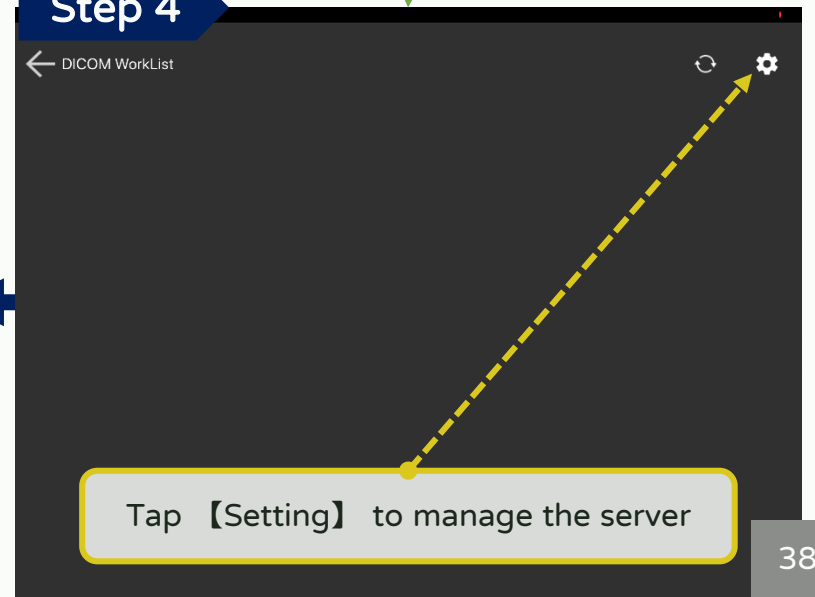
Tap 【Worklist】

Step 3



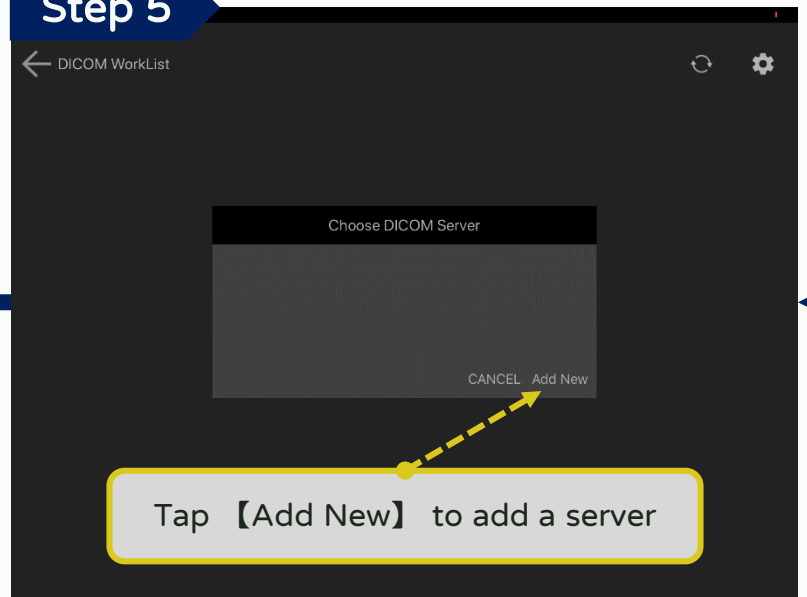
Choose the data downloaded last time or download a new one

Step 4



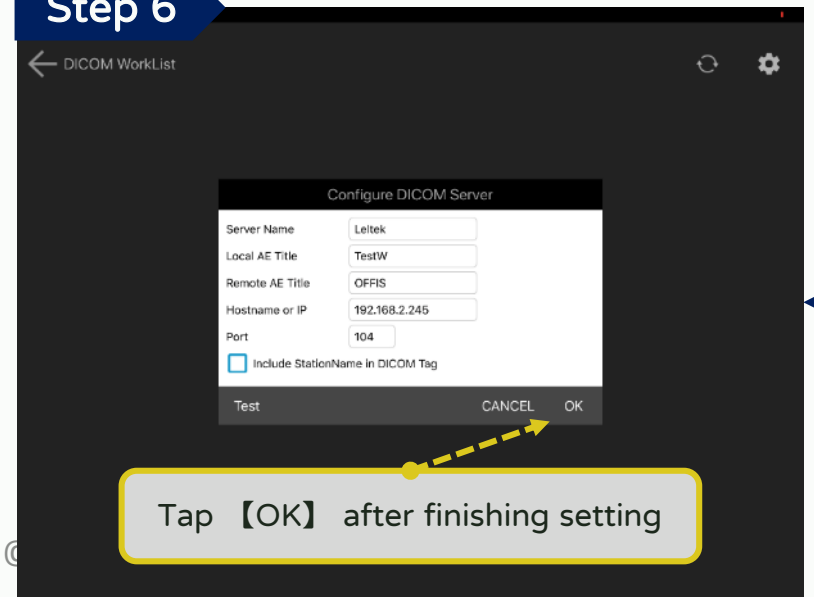
Tap 【Setting】 to manage the server

Step 5



Tap 【Add New】 to add a server

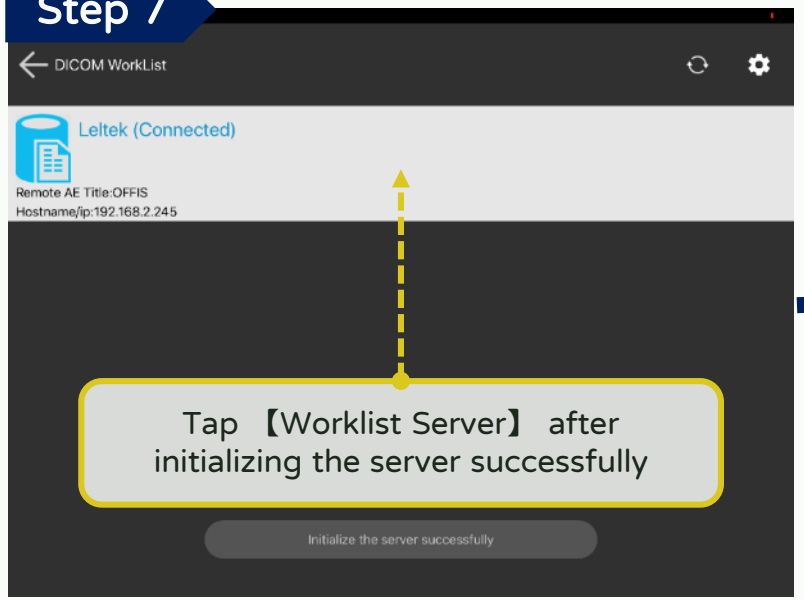
Step 6



Tap 【OK】 after finishing setting

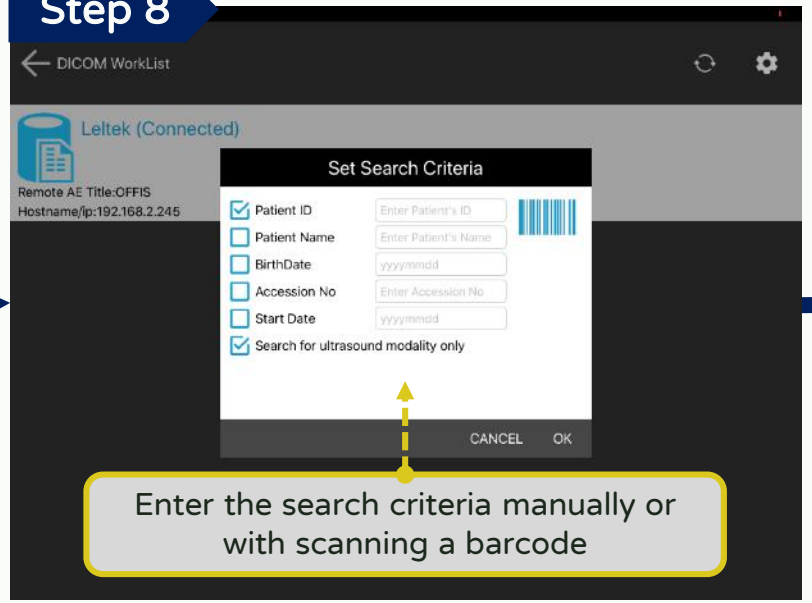
DICOM support - Download worklist (2/2)

Step 7



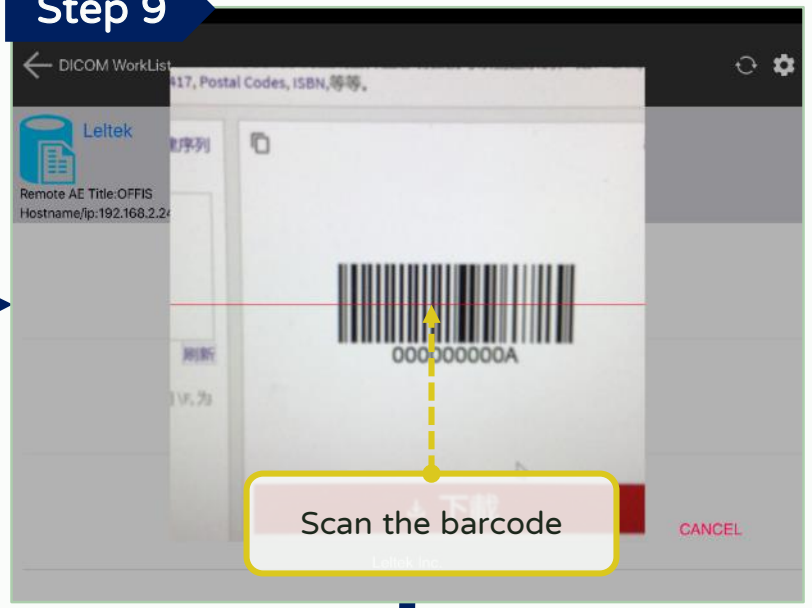
Tap 【Worklist Server】 after initializing the server successfully

Step 8



Enter the search criteria manually or with scanning a barcode

Step 9

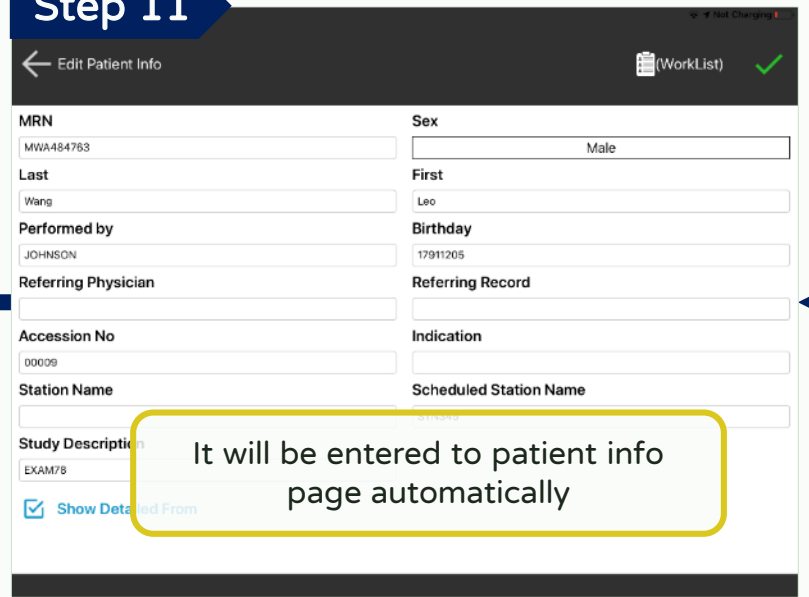


Scan the barcode

Step 10

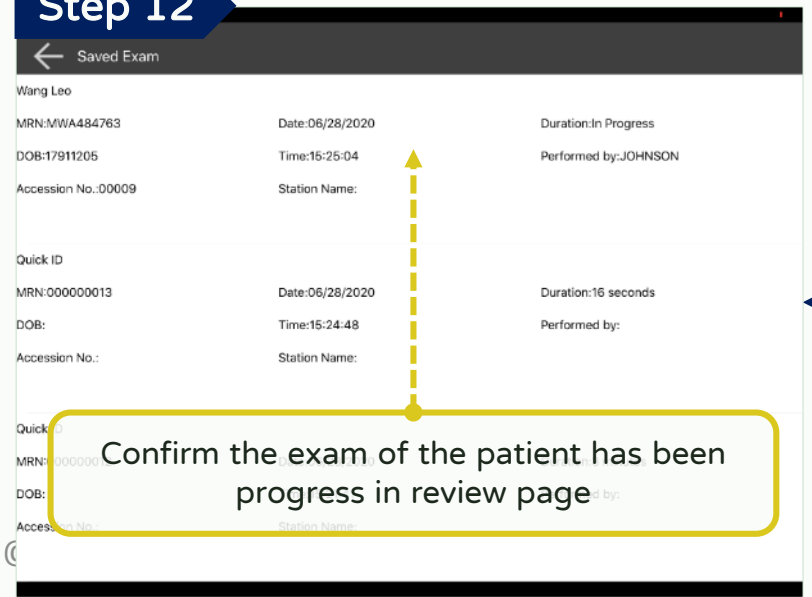
Choose a patient

Step 11



It will be entered to patient info page automatically

Step 12

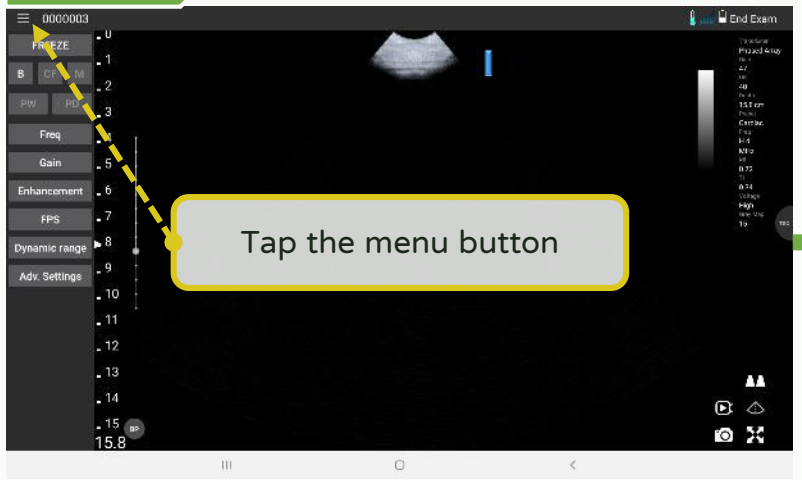


Confirm the exam of the patient has been progress in review page

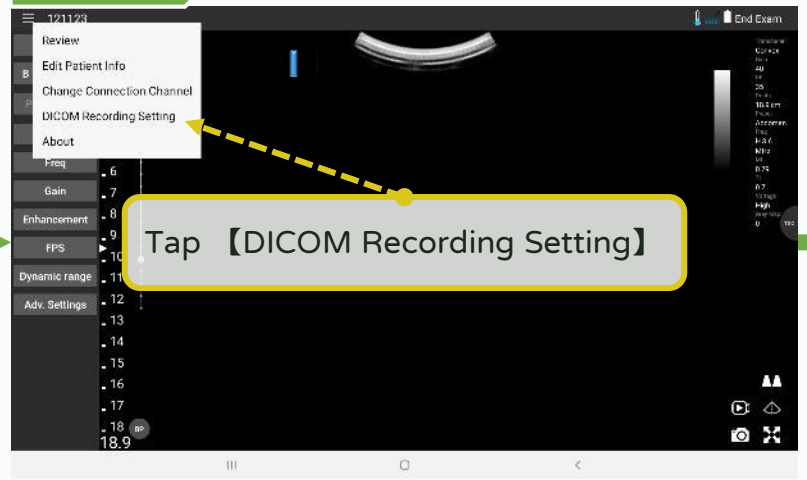
DICOM support - Make multi-frame DICOM

*Optional function

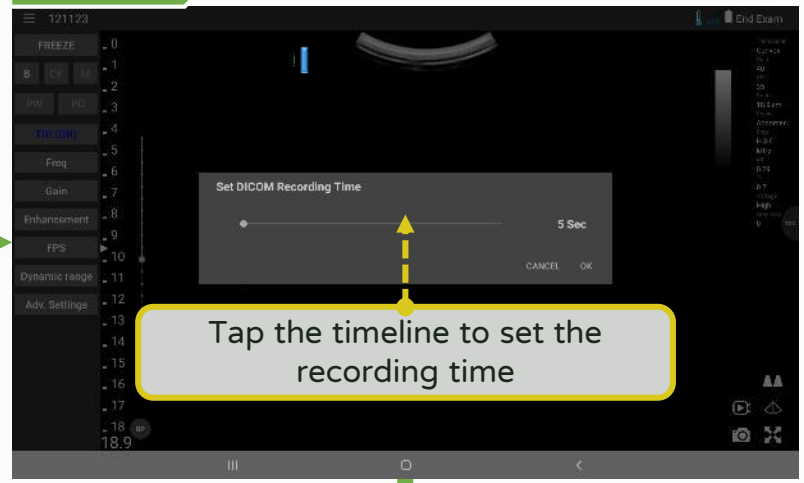
Step 1



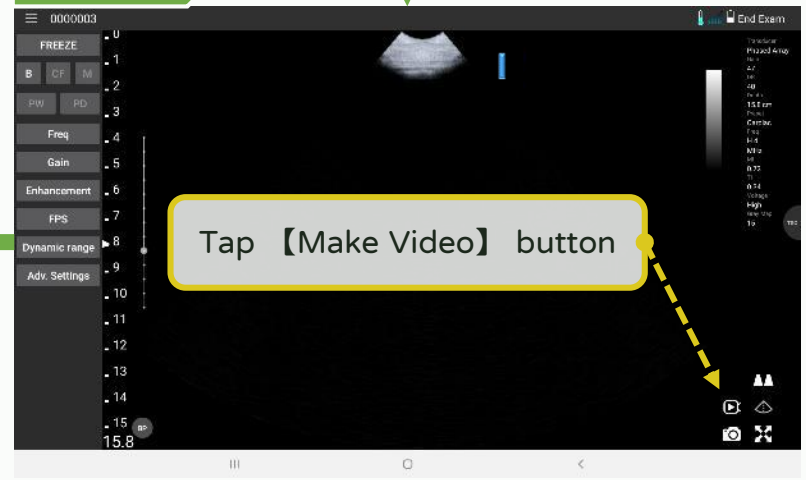
Step 2



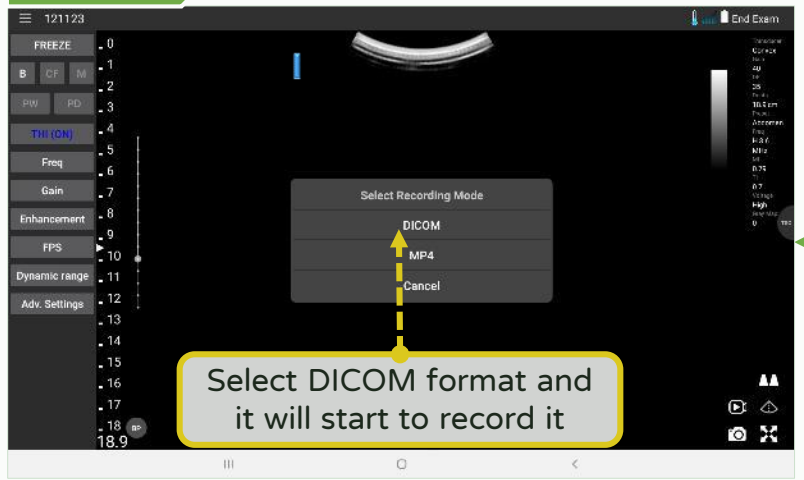
Step 3



Step 4



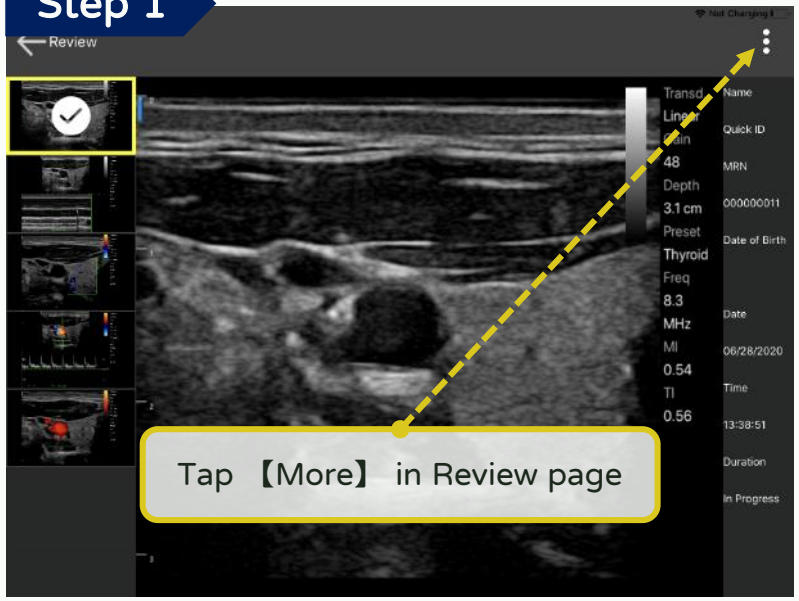
Step 5



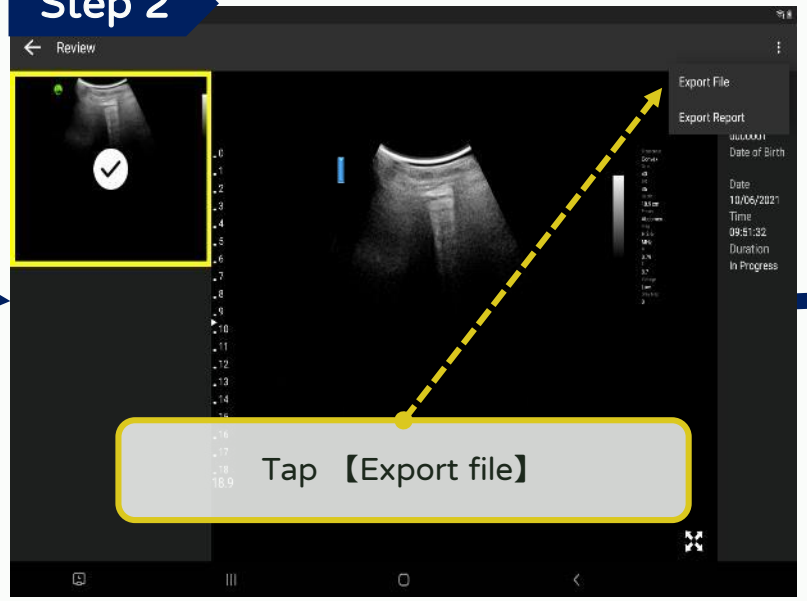
DICOM support - Upload DICOM file (1/2)

*Optional function

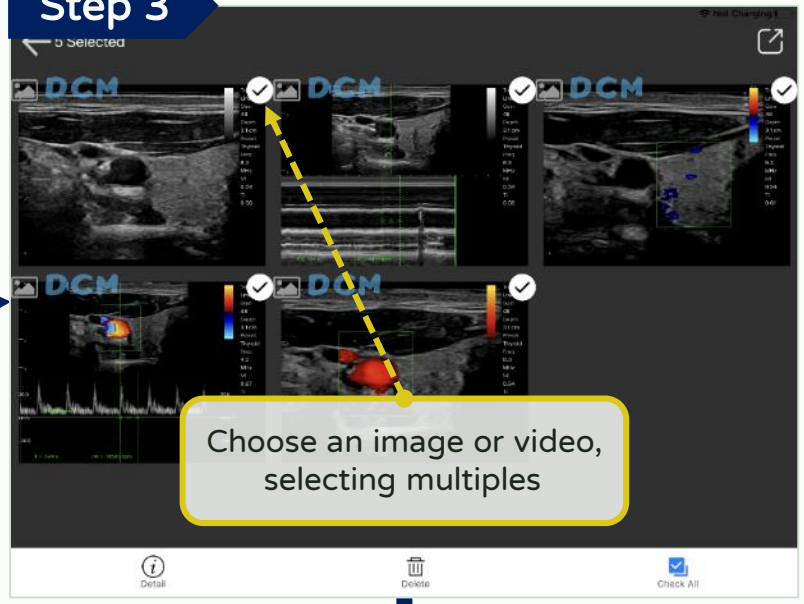
Step 1



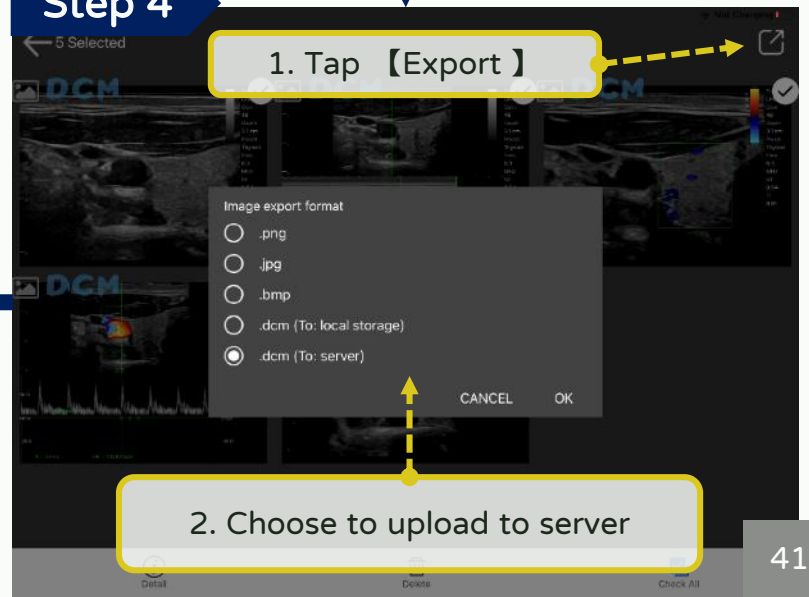
Step 2



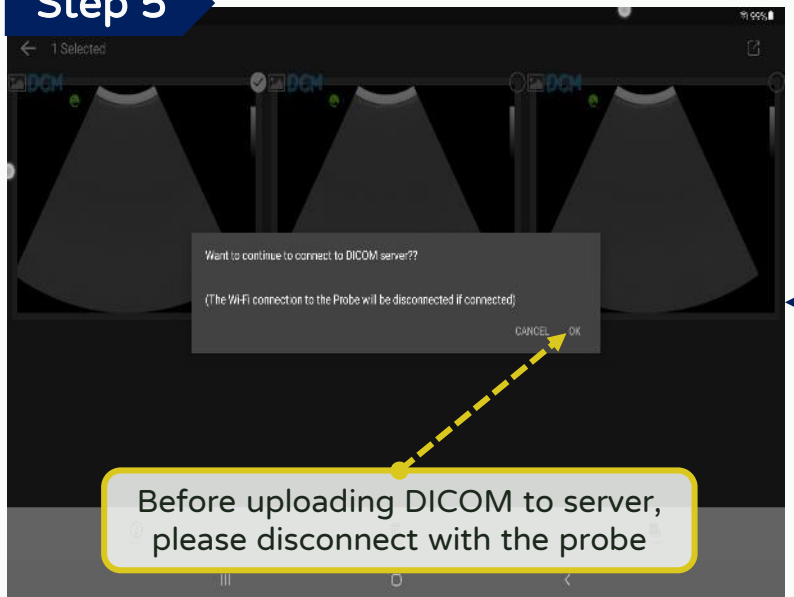
Step 3



Step 4



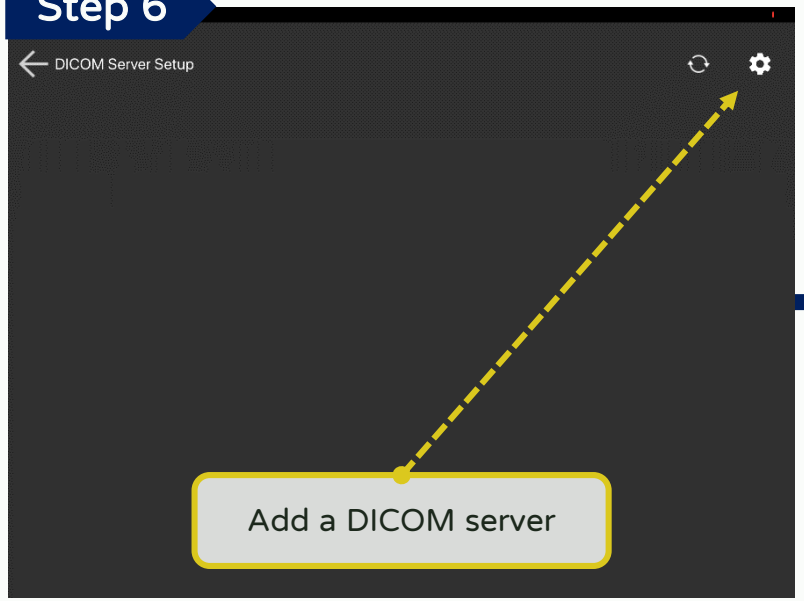
Step 5



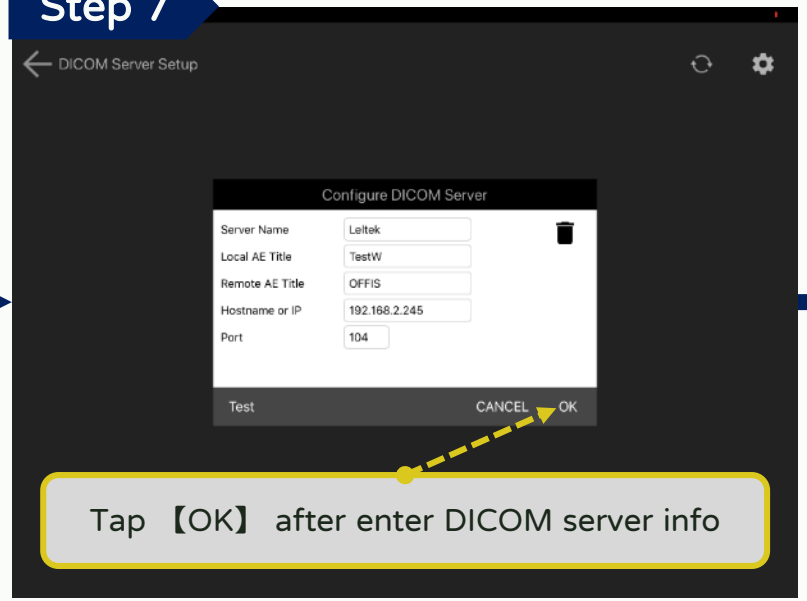
DICOM support - Upload DICOM file (2/2)

*Optional function

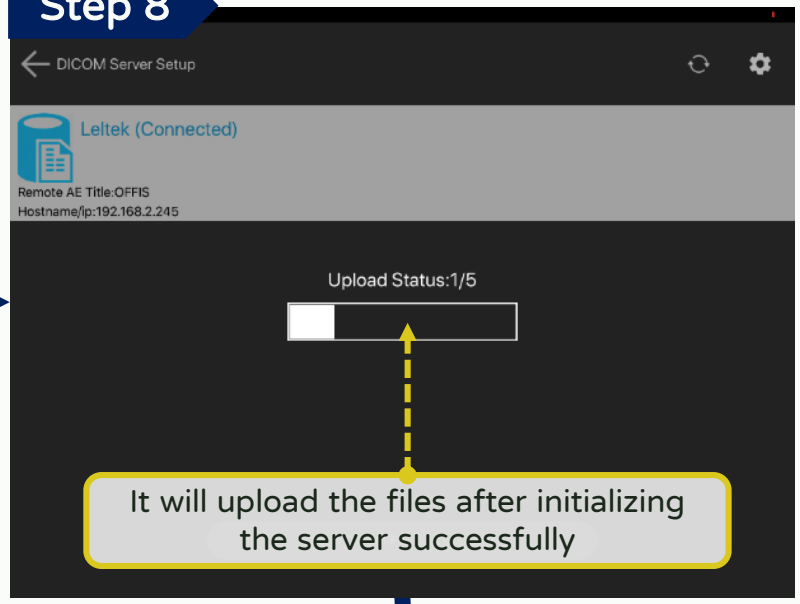
Step 6



Step 7



Step 8



Step 9