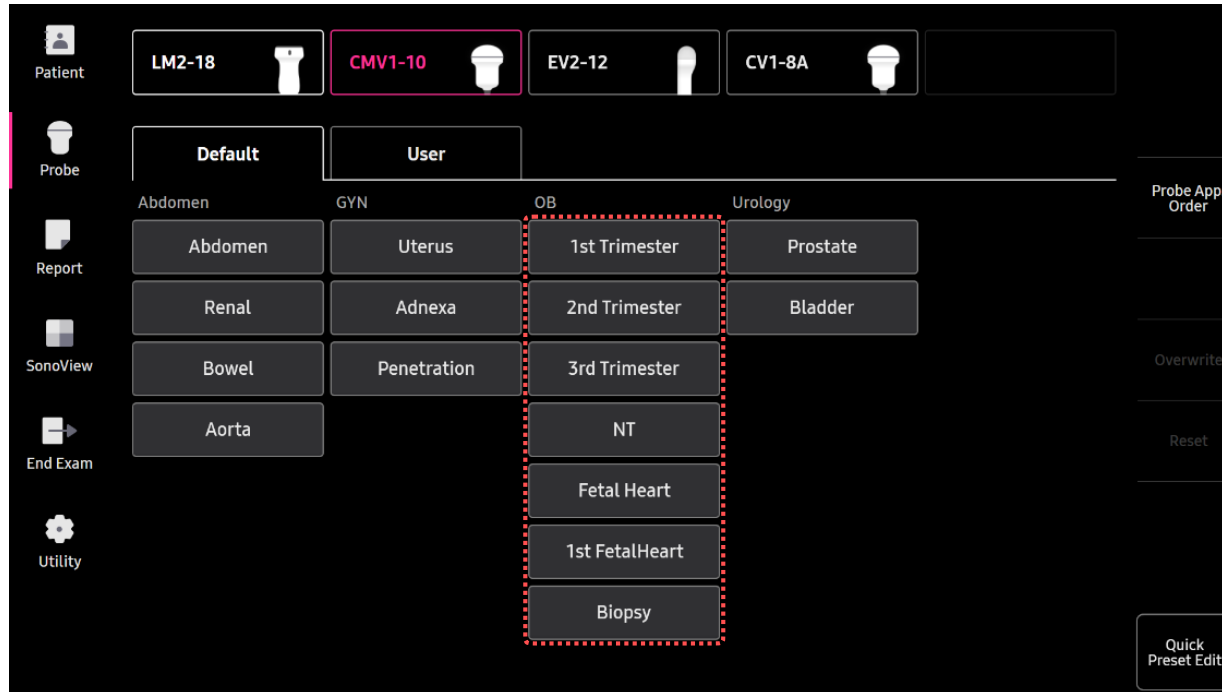


5D LB™ (Long Bone)

HERA Z20 Quick Guide



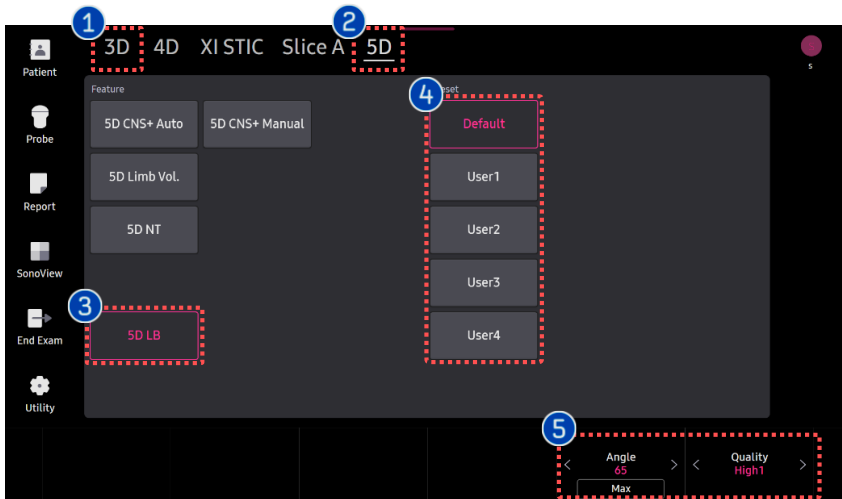
1. Probe and Preset



※ 5D LB™ can be operated under the following conditions :

Probe	Application
CV1-8A CMV1-10	All OB presets * Select proper preset regarding to fetal gestational age.

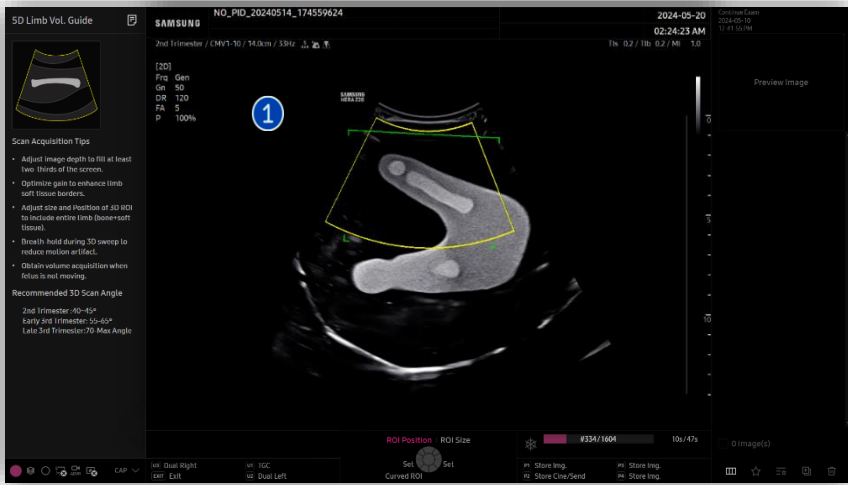
2. Activate 5D LB™ (Before 3D Acquisition)



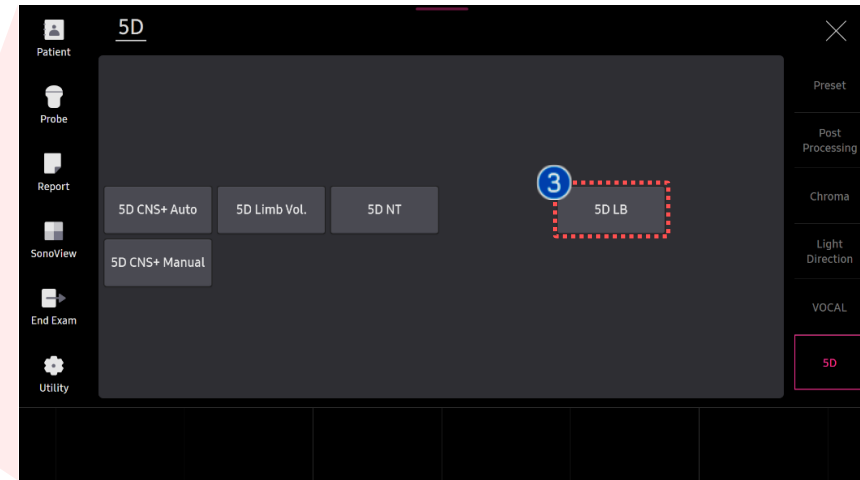
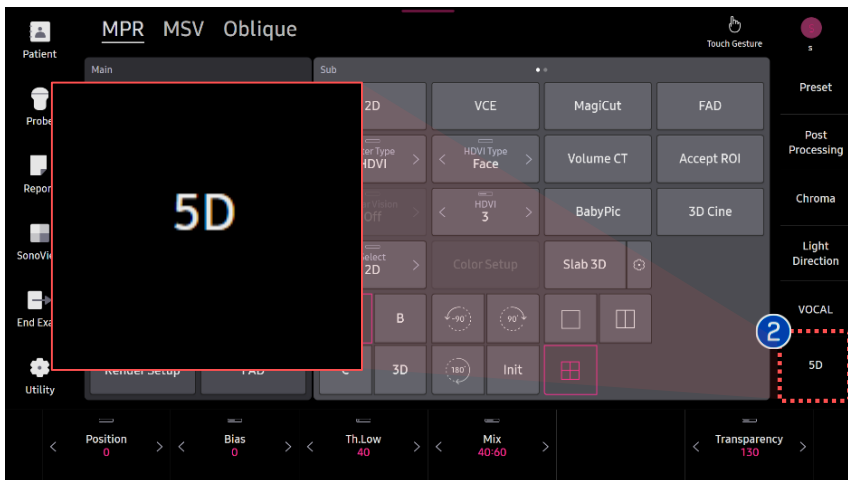
① 3D Button	Press [3D] button on the control panel.
② 5D Ready	Tap [5D] to activate 5d features.
③ 5D LB	Tap [5D LB] to activate 5D LB.
④ Preset	Select preferred preset between default and users. Each 5D feature can have its own preset parameters.
⑤ Parameters	3D scan [Angle] and [Quality] are customizable.
⑥ Image acquisition	Scan the long bone structures such as femur, tibia, fibular, humerus, radius and ulna.

5D LB™

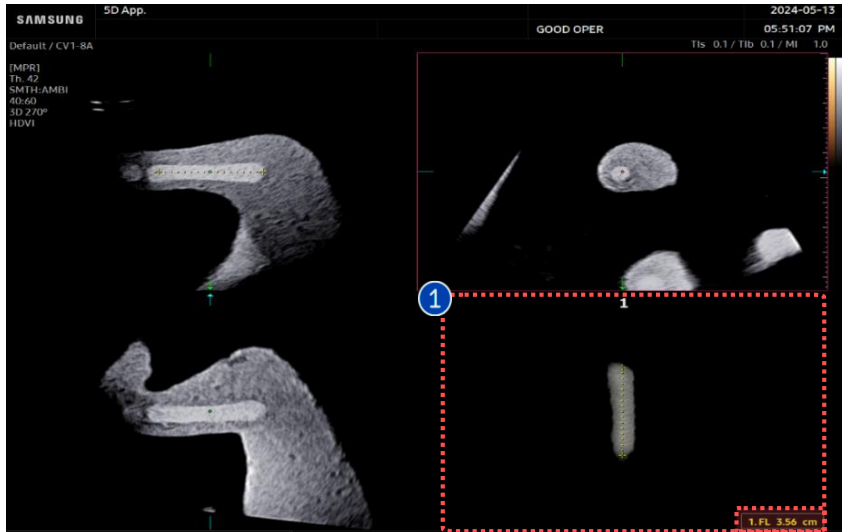
3. Activate LB™ (After 3D Acquisition)



1	Image acquisition	Scan the long bone structures such as femur, tibia, fibular, humerus, radius and ulna.
2	5D Quantifications	Tap to activate 5D features.
3	5D LB	Tap to activate [5D LB].



4. Result and Assign the Name

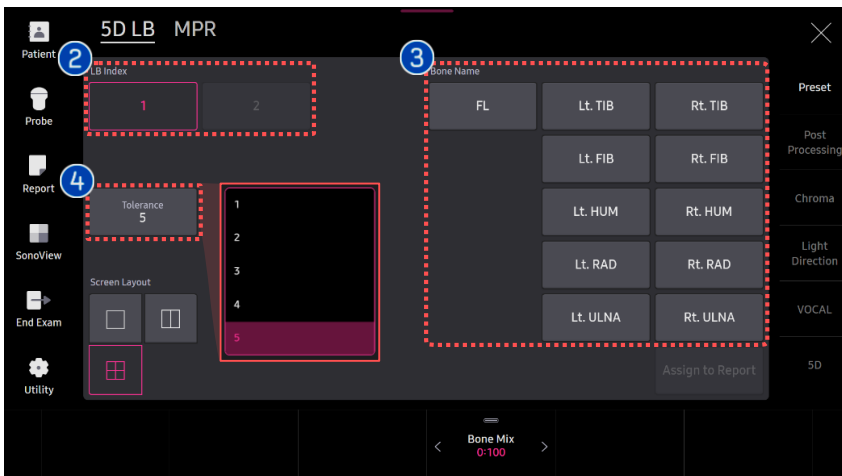


1 Result Image

After selecting [5D LB], bone structure will be automatically detected as a 3D rendered image and bone length will be displayed at the bottom.

★ Tips

Through 3D rendered long bone image, overall morphological information will be provided.



2 LB Index

It provides the geometry for identifying tibia and/or fibula (multiple selection is available).

3 Bone Name

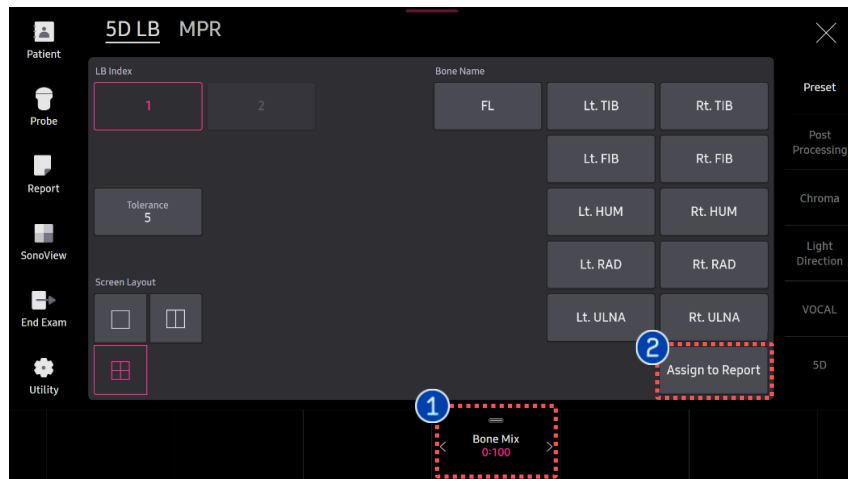
Specify the long bone type.

4 Tolerance

Adjust the threshold level to make long bone shape clear. As Tolerance is higher, more echo are included in detecting long bone.

5D LB™

5. Adjust 5D LB™ Parameters

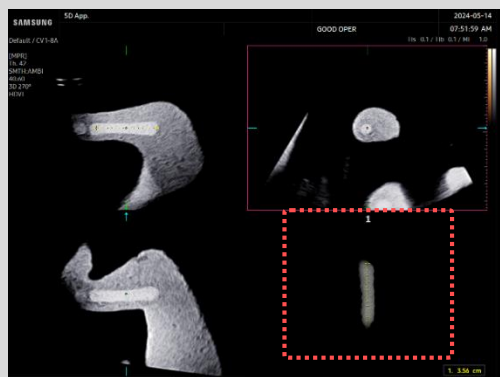


- 1 **Bone Mix**

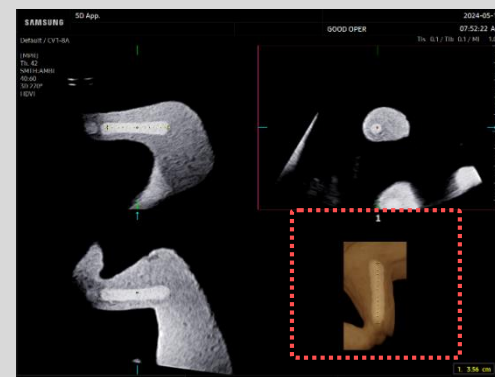
Adjust the transparency of structures surrounding the bones.
- 2 **Assign to Report**

The measured 5D LB values are saved in the report.

1



[BoneMix 0 : 100 (%)]



[BoneMix 60 : 40 (%)]

- The features mentioned in this document may not be commercially available in all countries. Due to regulatory reasons, their future availability cannot be guaranteed.
- Do not distribute this internal document to customers unless relevant regulatory and legal affairs officers approve such distribution.
- This product is a medical device, please read the user manual carefully before use.
- This document is provided to help you understand the feature.
- This User Quick Guide is based on HERA Z20 V1.00
- Disclaimer: Some Images in this content were obtained from other system.

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