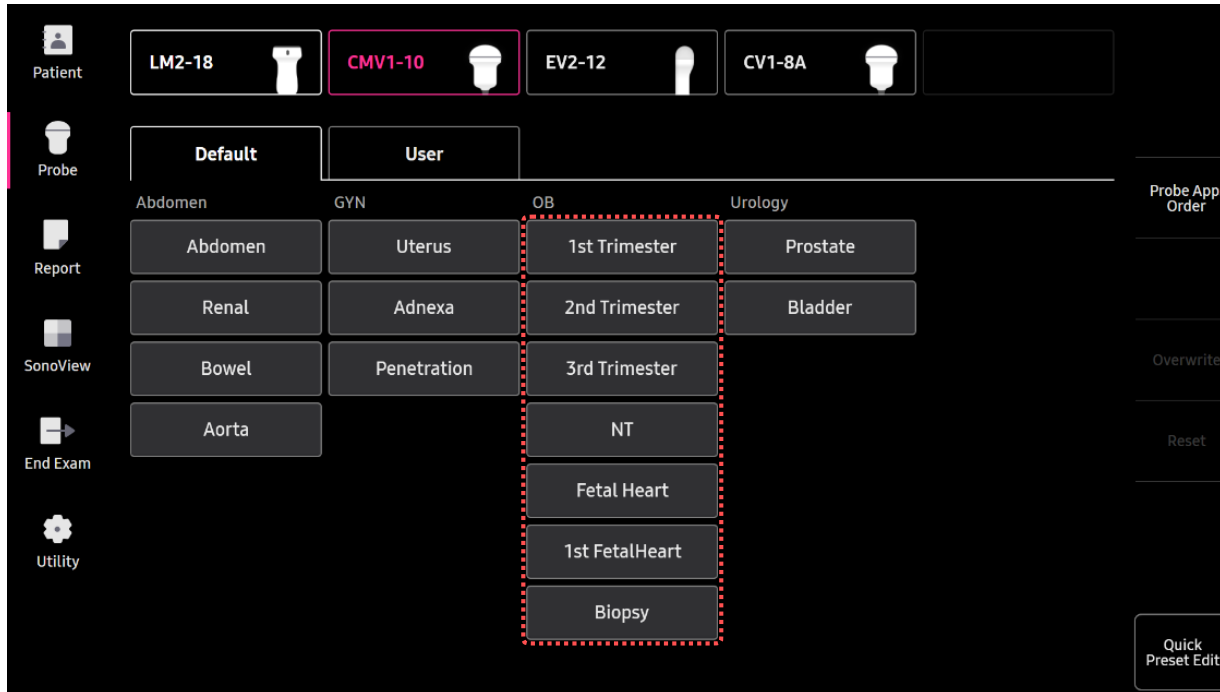


# 5D LB™ (Long Bone)

## HERA Z20 Quick Guide



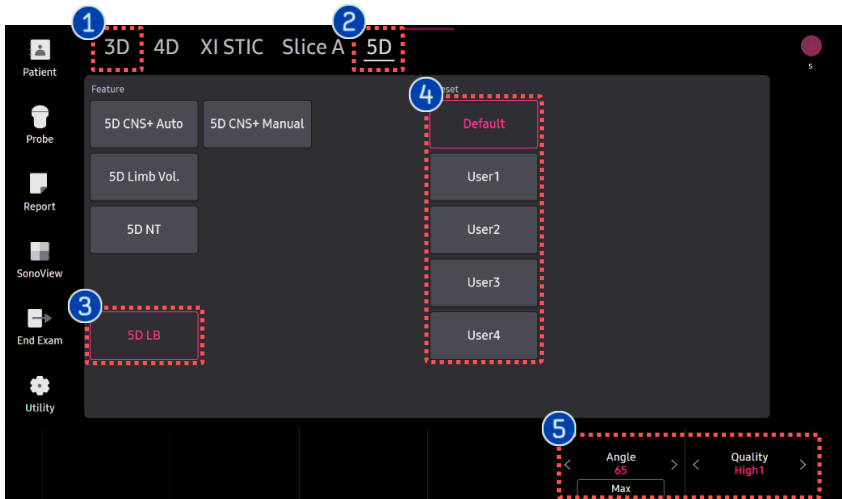
# 1. Probe and Preset



※ 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.

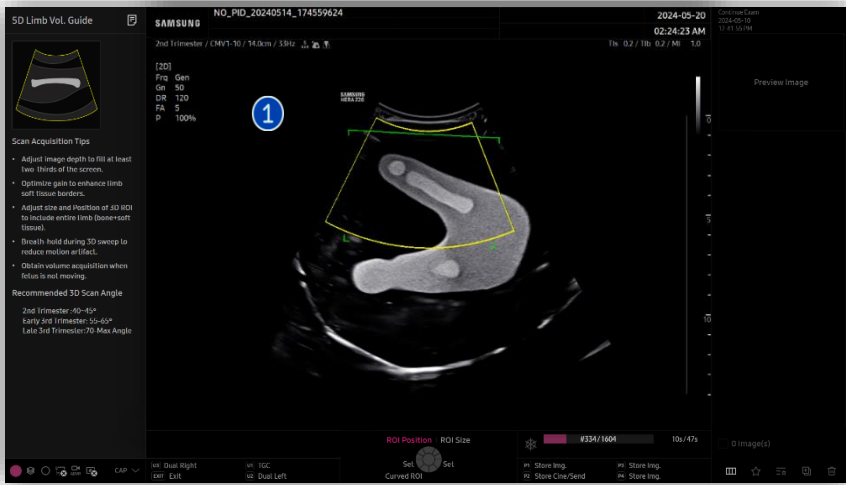
## 2. Activate 5D LB™ (Before 3D Acquisition)



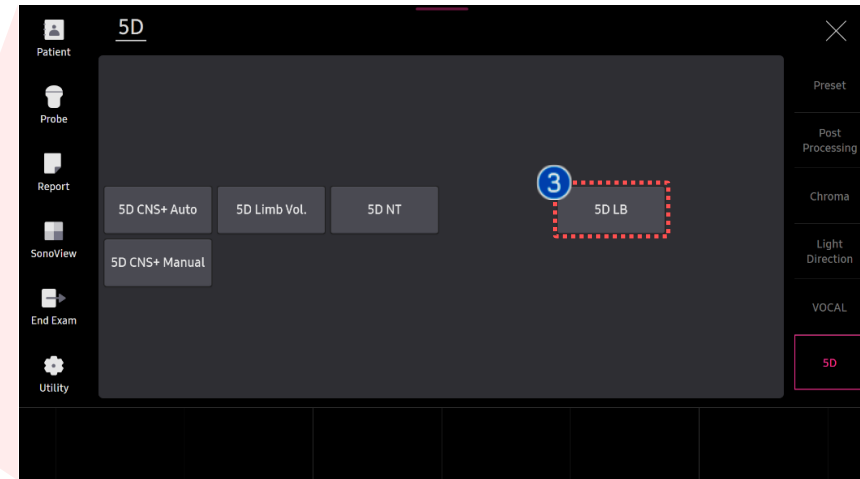
① 3D Button	Press [3D] button on the control panel.
② 5D Ready	Tap [5D] to activate 5d features.
③ 5D LB	Tap [5D LB] to activate 5D LB.
④ Preset	Select preferred preset between default and users. Each 5D feature can have its own preset parameters.
⑤ Parameters	3D scan [Angle] and [Quality] are customizable.
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)



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



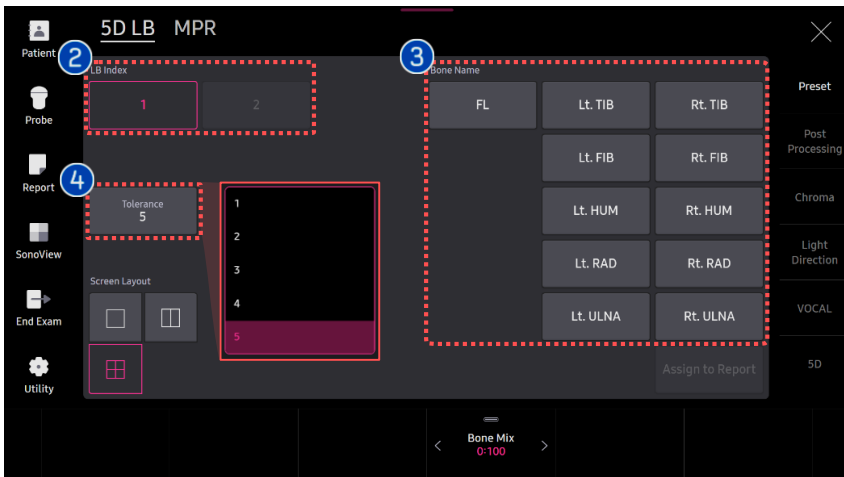
5D LB™

# 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.



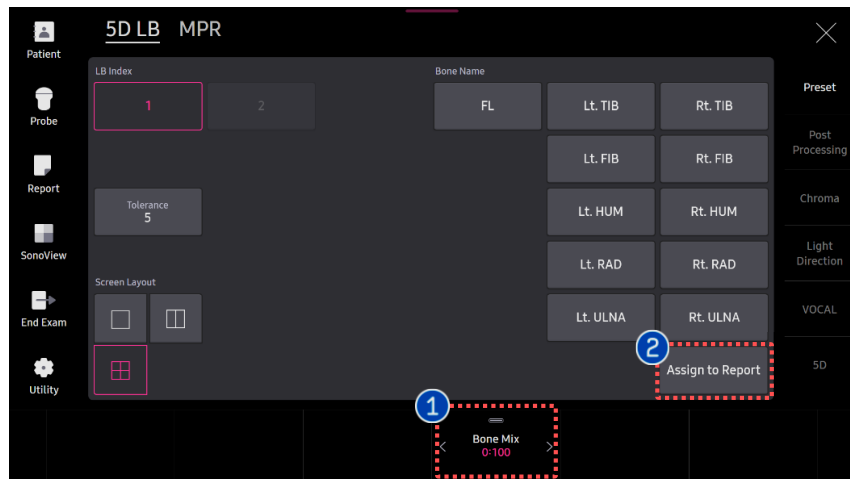
**2 LB Index**  
 It provides the geometry for identifying tibia and/or fibula (multiple selection is available).

**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

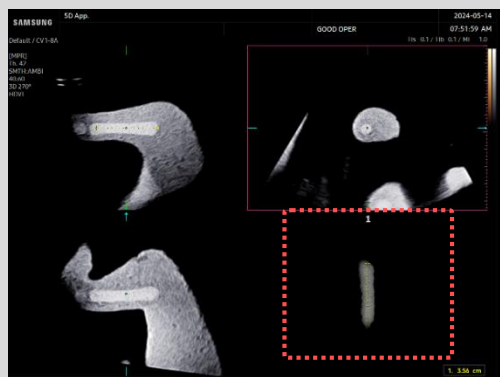


- 1 **Bone Mix**

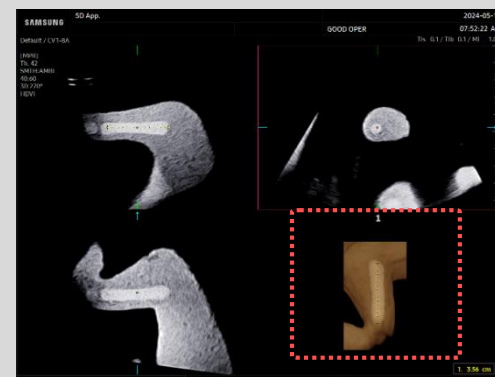
Adjust the transparency of structures surrounding the bones.
- 2 **Assign to Report**

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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