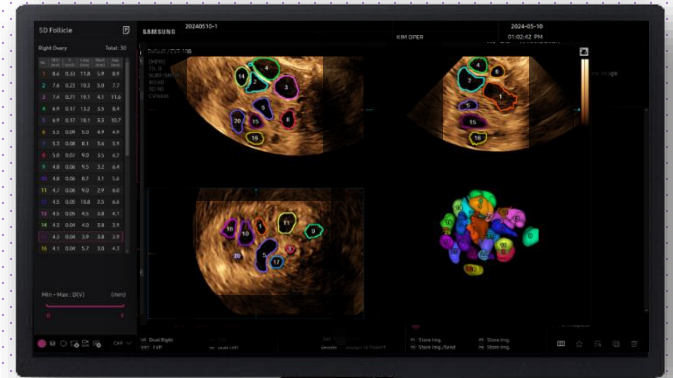
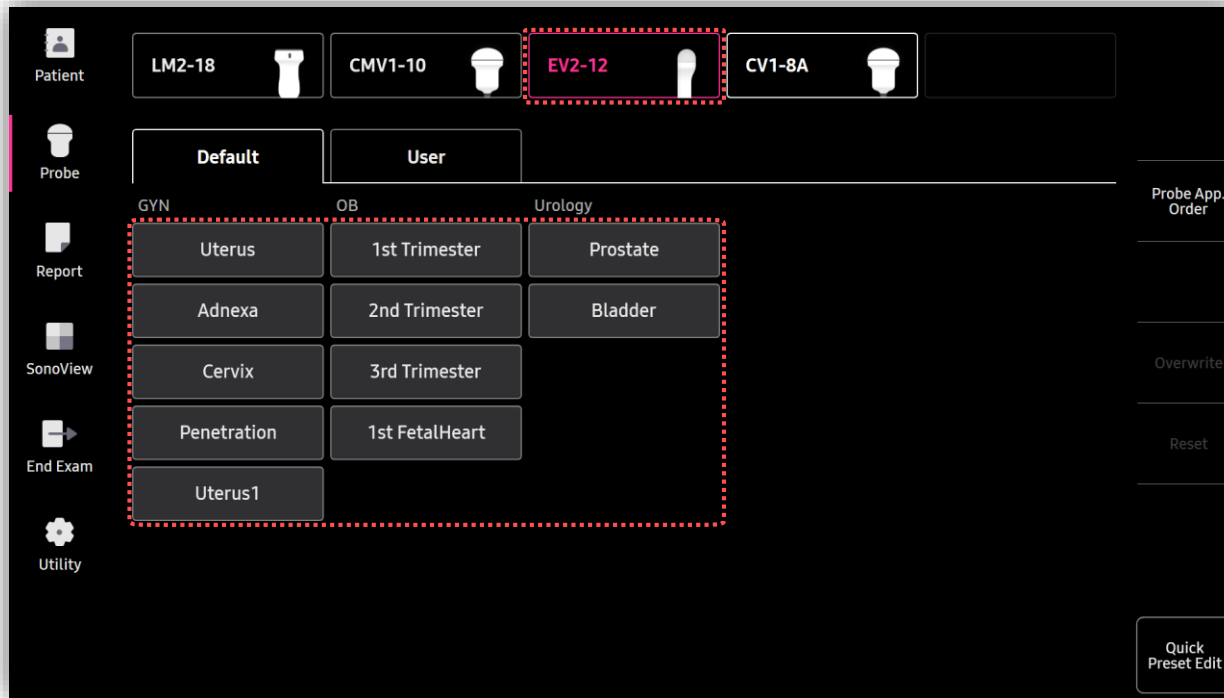


5D Follicle™

HERA Z20 Quick Guide



1. Probe and Preset

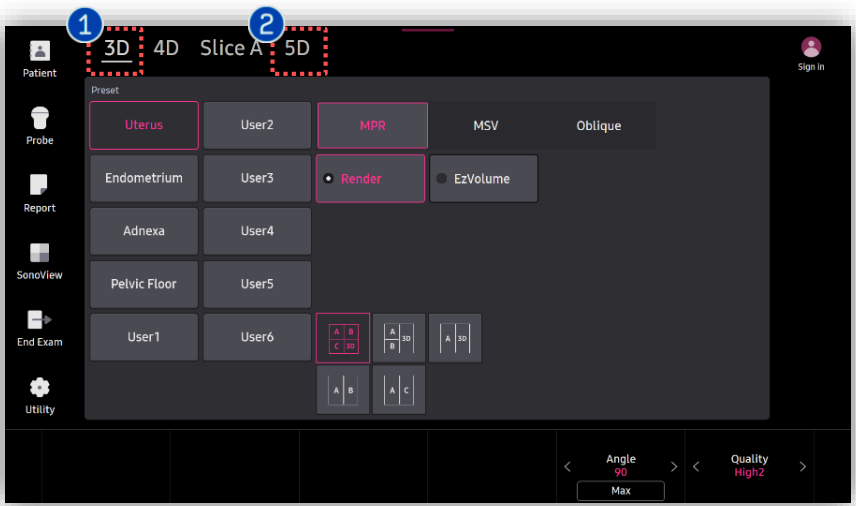


※ 5D Follicle™ can be operated under the following conditions :

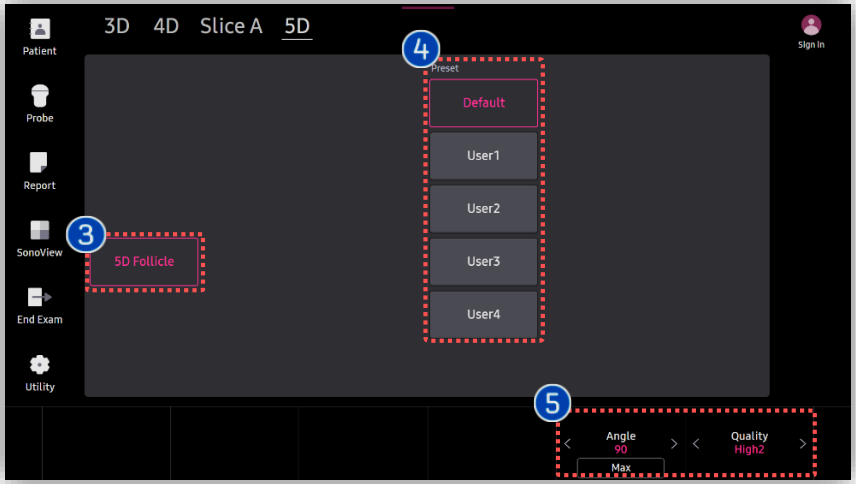
| Probe | Application |
|-------------------|---------------------|
| EV2-12 | All presets |
| CV1-8A CMV1-10 | All OB, GYN presets |

5D Follicle™

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



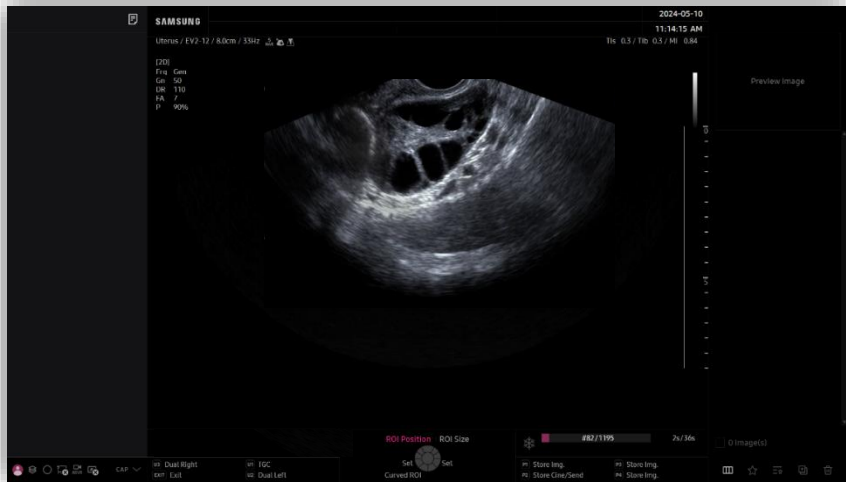
- 1 3D Button Press 3D button on the control panel.
- 2 5D Ready Tap 5D on the touch screen.



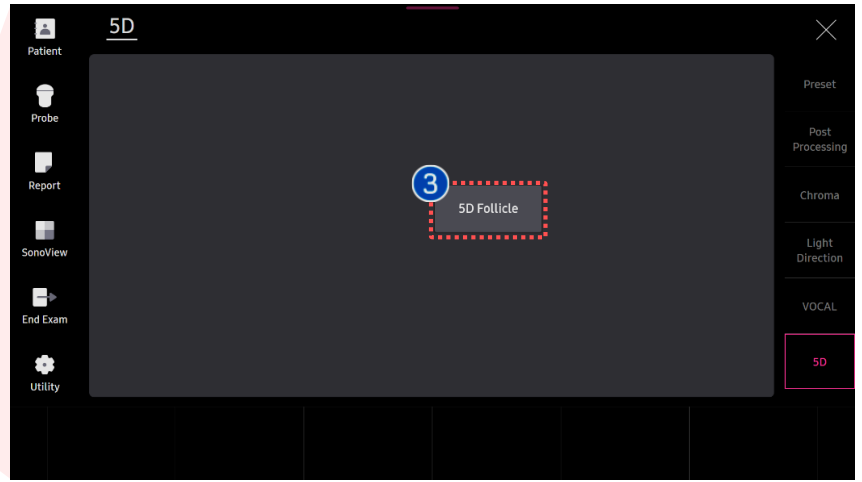
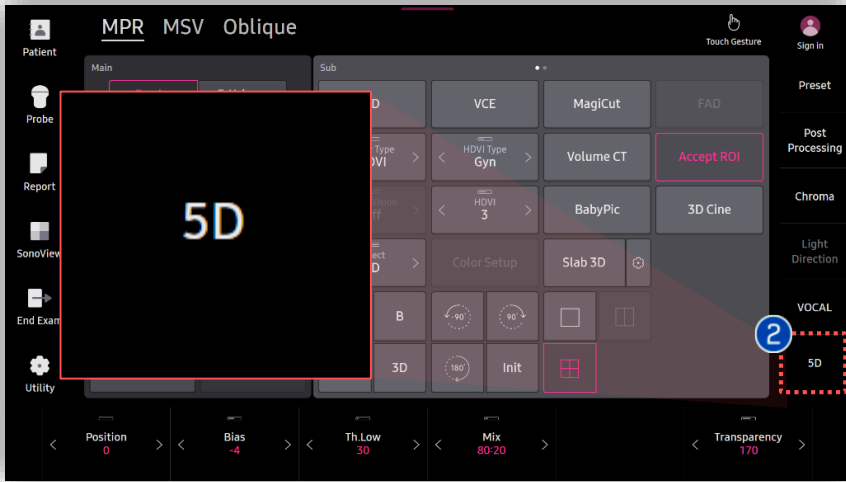
- 3 5D Follicle Tap [5D Follicle] to activate 5D Follicle.
- 4 Preset Select preferred preset between default and users. Each 5D feature can have its own preset parameters.
- 5 Parameters 3D scan [Angle] and [Quality] are customizable.
- 6 Image acquisition Scan the follicles

5D Follicle™

3. Activate Follicle™ (After 3D Acquisition)

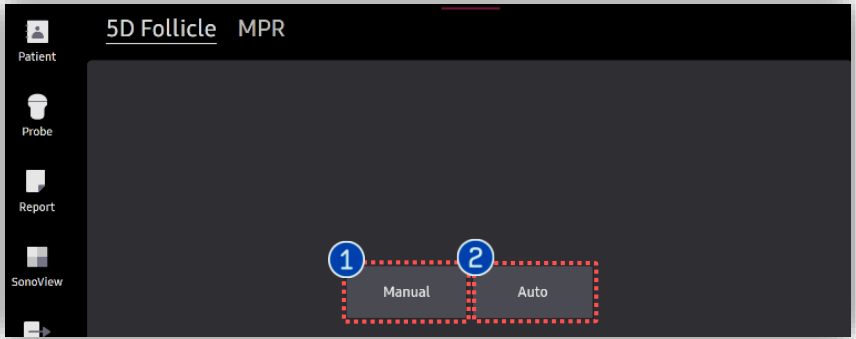


| | | |
|---|--------------------|--|
| 1 | Image acquisition | Scan the follicles. |
| 2 | 5D Quantifications | Tap to activate 5D features. |
| 3 | 5D Follicle | Tap [5D Follicle] to activate the feature. |

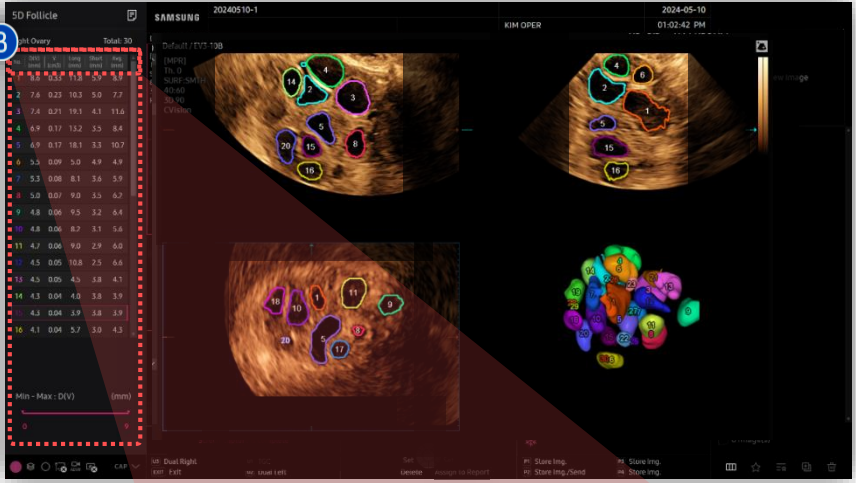


5D Follicle™

4. Data Acquisition and Result



- 1 Manual Analyze follicle location and measurement manually.
- 2 Auto Analyze follicle location and measurement automatically.



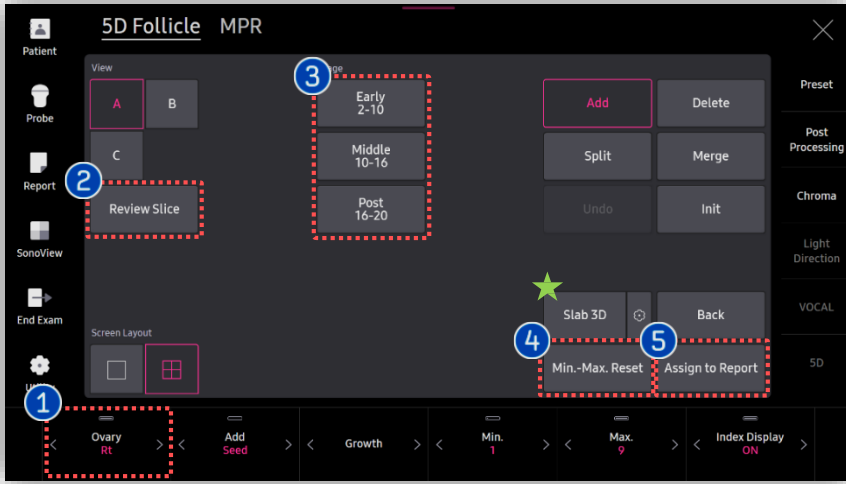
After follicle detection, its result is shown on the left. The follicles are color-coded and numbered on 3D rendered image. And various results are listed up in the result table in order of size of follicles.

| 3 Result | | |
|----------------------|--|--|
| D(V) (mm) | Follicle diameter calculated where follicle is assumed as a perfect sphere | |
| V (cm ³) | Follicle volume calculated by voxel | |
| Long/Short axis (mm) | Diameter of an ellipsoid model | |
| Avg. (mm) | Average diameter of the long and short axis | |

| Right Ovary | | Total: 30 | | | |
|-------------|-----------|----------------------|-----------|------------|-----------|
| No. | D(V) (mm) | V (cm ³) | Long (mm) | Short (mm) | Avg. (mm) |

5D Follicle™

5. Result Review and Edit (1)

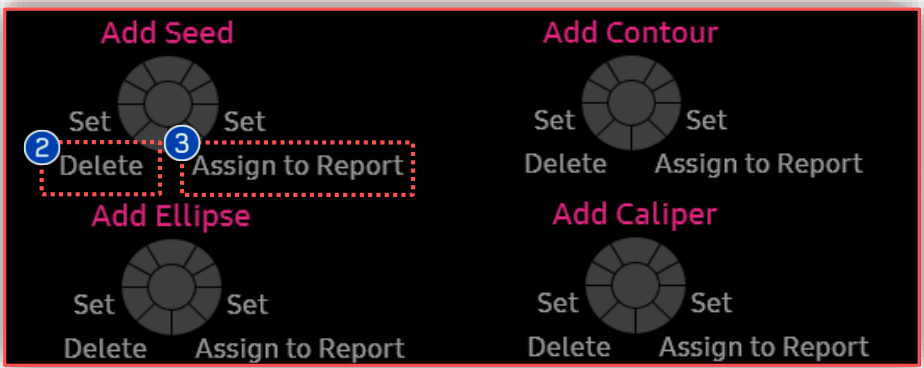
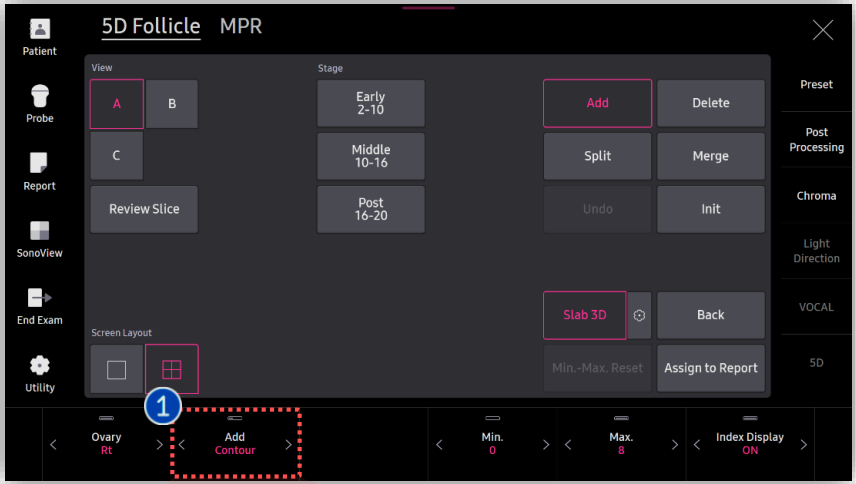


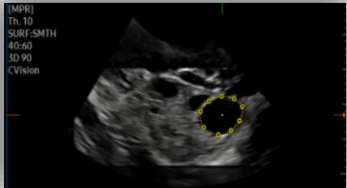
| | |
|---------------------|---|
| 1 Ovary | Select side of ovary between [Lt] and [Rt]. |
| 2 Review Slice | After plane selection, review the images in multiple slices to search for follicles that have not been found yet. |
| 3 Stage | Specify the stages that you would like to show in the image and the results table. |
| 4 Min. - Max. Reset | Reset the follicle range. |
| 5 Assign to Report | Tap to send the measurement results to the report. |

★ Tips
 Slices of a 3D image will be displayed as images rendered in 3D. You may select ★ [Slab 3D] type among Surface, X-ray, Max and Min.

5D Follicle™

5. Result Review and Edit (2)



| | |
|---------------------------|--|
| <p>1 Add</p> | <p>A measurement target will be added based on the seed position entered by the user. You can use this when you find a follicle that has not previously been detected.</p> <p>A measurement target will be added through Contour/Seed/Caliper/Ellipse selected by the user.</p> <p>* e.g. Contour method</p>  |
| <p>2 Delete</p> | <p>Press [Delete] and [Set] on the follicle you wish to delete.</p> |
| <p>3 Assign to Report</p> | <p>Press [Assign to Report] to send newly detected follicle's result to the report.</p> |

★ Tips

Manual navigation is available by using [X], [Y], [Z] and [Ref. Slice] to find proper plane to add additional follicles.

- 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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