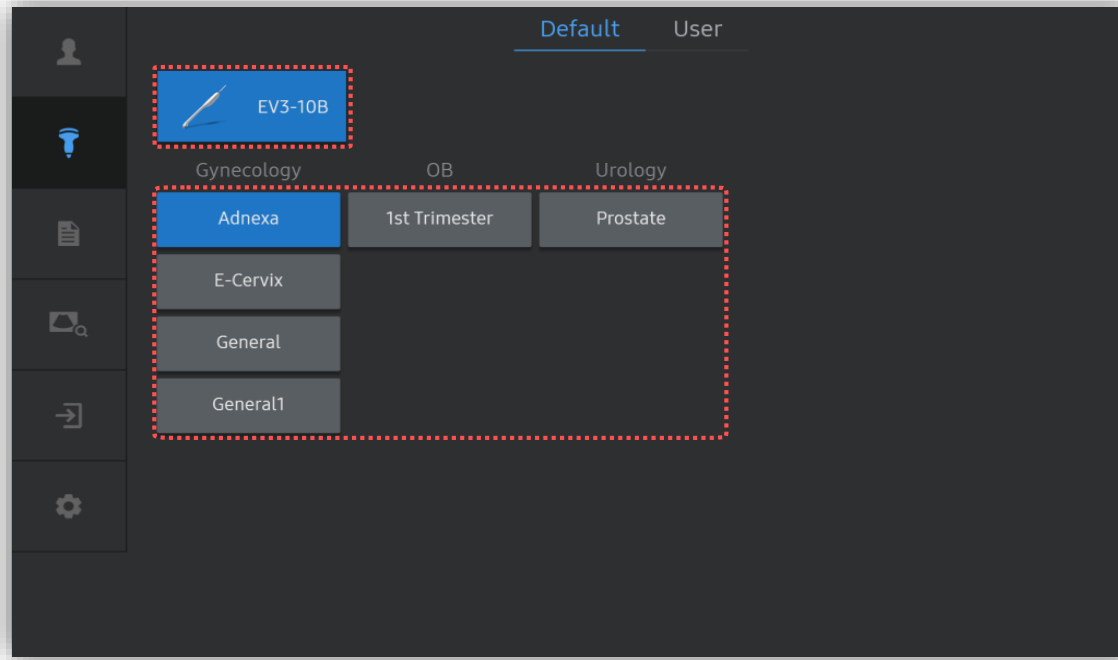


5D Follicle™

HERA W10 Quick Guide



1. Probe and Preset



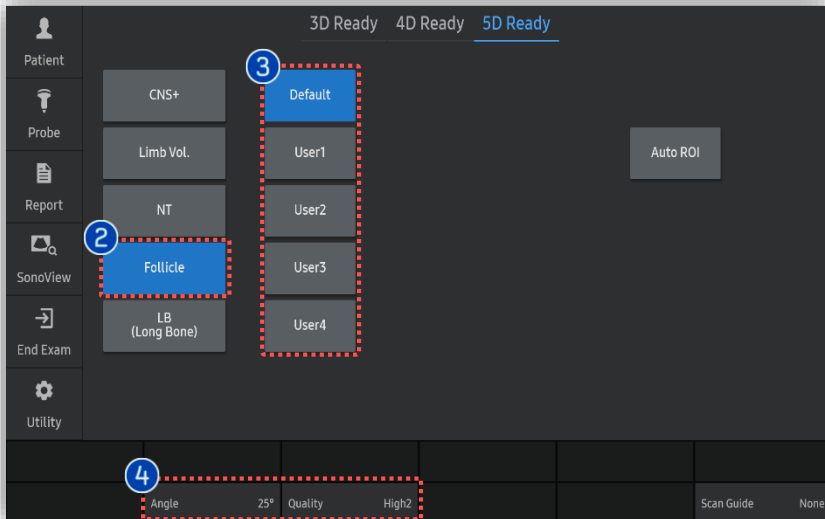
※ 5D Follicle™ can be operated under the following conditions :

Probe	Application
CV1-8A EV2-10A EV3-10B EV2-12 (<i>Elite Only</i>)	All presets

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

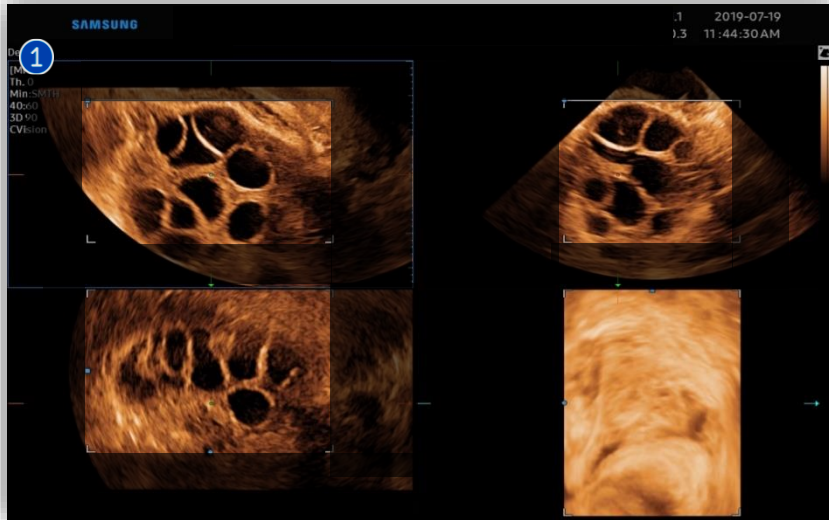


- | | | |
|---|-----------|---------------------------------------|
| 1 | 5D Button | Press 5D button on the control panel. |
|---|-----------|---------------------------------------|



- | | | |
|---|-------------------|--|
| 2 | Follicle | Tap [Follicle] to activate 5D Follicle. |
| 3 | Preset | Select preferred preset between default and users. Each 5D feature can have its own preset parameters. |
| 4 | Parameters | 3D scan [Angle] and [Quality] are customizable. |
| 5 | Image acquisition | Scan the follicles. |

3. Activate 5D Follicle™ (After 3D Acquisition)



1 Image acquisition

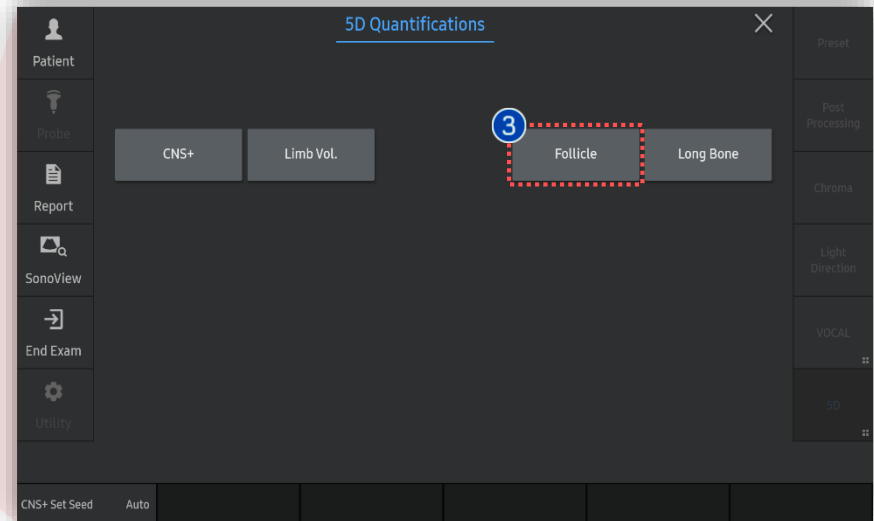
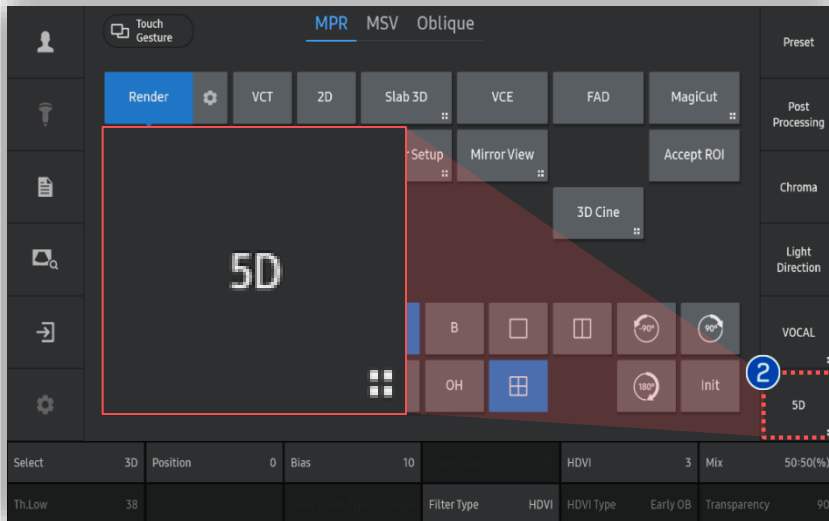
Scan the follicles.

2 5D

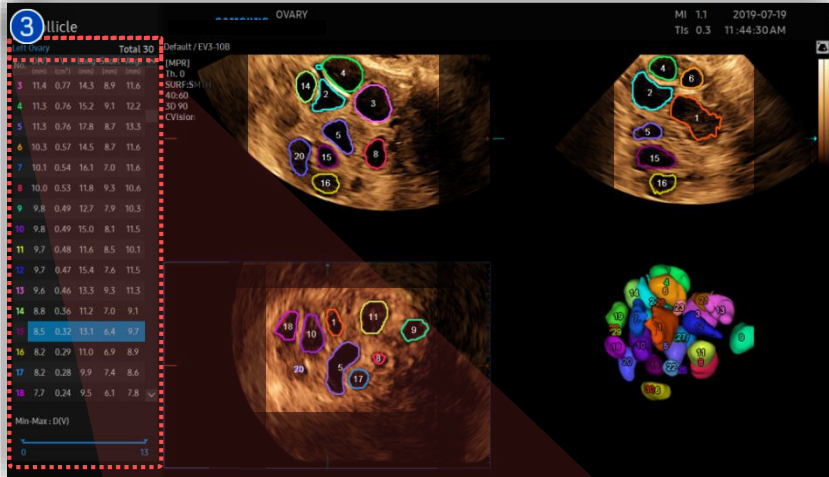
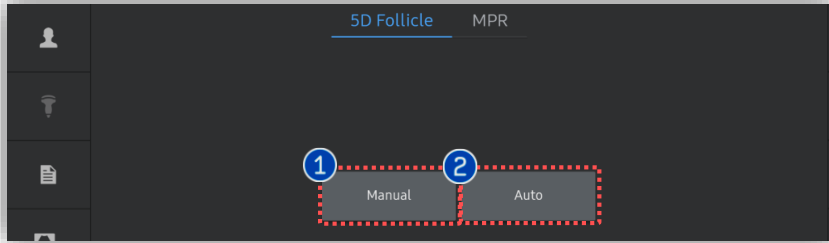
Tap to activate 5D features.

3 5D Follicle

Tap [Follicle] to activate the feature.



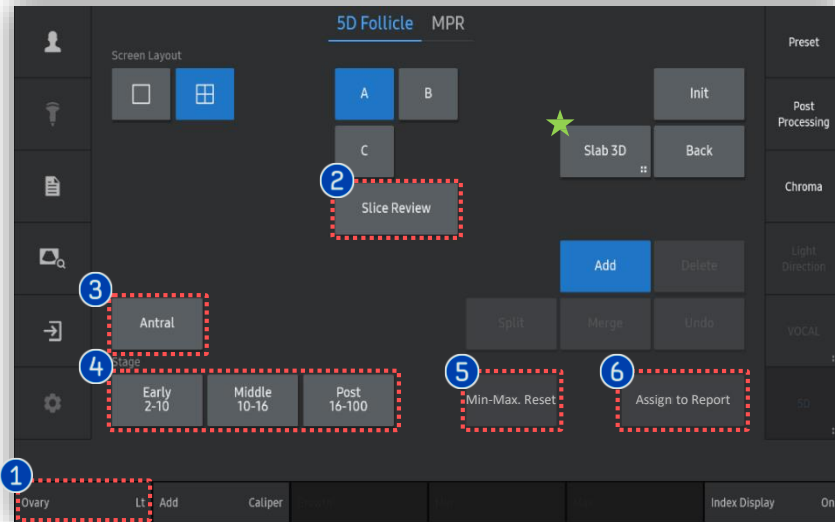
4. Data Acquisition and Result



Left Ovary		Total 16			
No.	D(V) (mm)	V (cm ³)	Long (mm)	Short (mm)	Avg. (mm)

1 Manual	Analyze follicle location and measurement manually.								
2 Auto	Analyze follicle location and measurement automatically.								
3 Result	<p>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.</p> <table border="1"> <tr> <td>D(V) (mm)</td> <td>Follicle diameter calculated where follicle is assumed as a perfect sphere</td> </tr> <tr> <td>V (cm³)</td> <td>Follicle volume calculated by voxel</td> </tr> <tr> <td>Long/Short axis (mm)</td> <td>Diameter of an ellipsoid model</td> </tr> <tr> <td>Avg. (mm)</td> <td>Average diameter of the long and short axis</td> </tr> </table>	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
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								

5. Result Review and Edit (1)

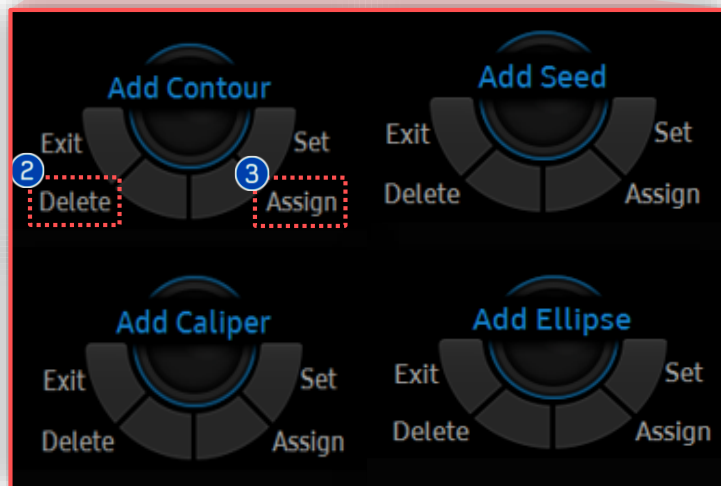
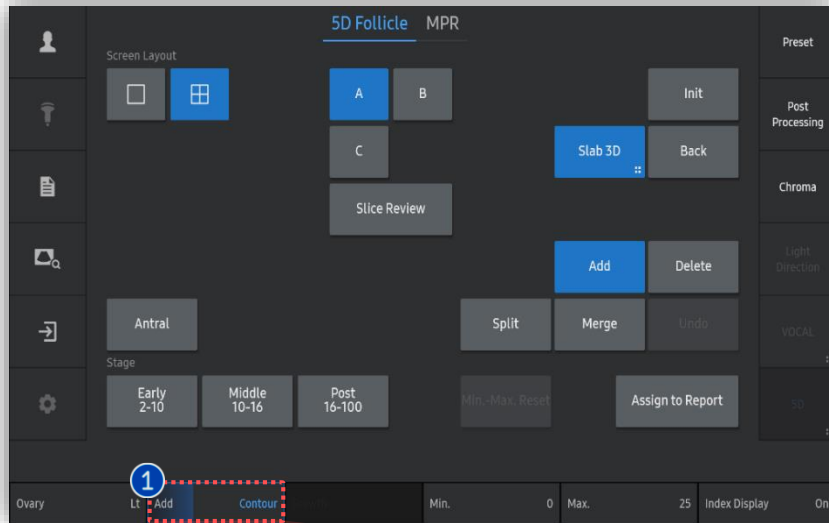


★ Tips

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.

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

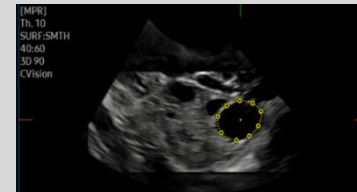
5. Result Review and Edit (2)



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.

A measurement target will be added based on the Contour/ Seed/ Caliper/ Ellipse selected by the user.

* e.g. Contour method



① Add

② Delete

③ Assign

Press [Delete] and [Set] on the follicle you wish to delete.

Press [Assign] to send newly detected follicle's result to the report.

★ Tips

Manual navigation is available by using [X], [Y], [Z] and [Ref. Slice] to find of 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 W10 V1.03.03d
- Disclaimer: Some Images in this content were obtained from other system.

SAMSUNG MEDISON CO., LTD.

© 2024 Samsung Medison All Rights Reserved.

Samsung Medison reserves the right to modify the design, packaging, specifications, and features shown herein, without prior notice or obligation.