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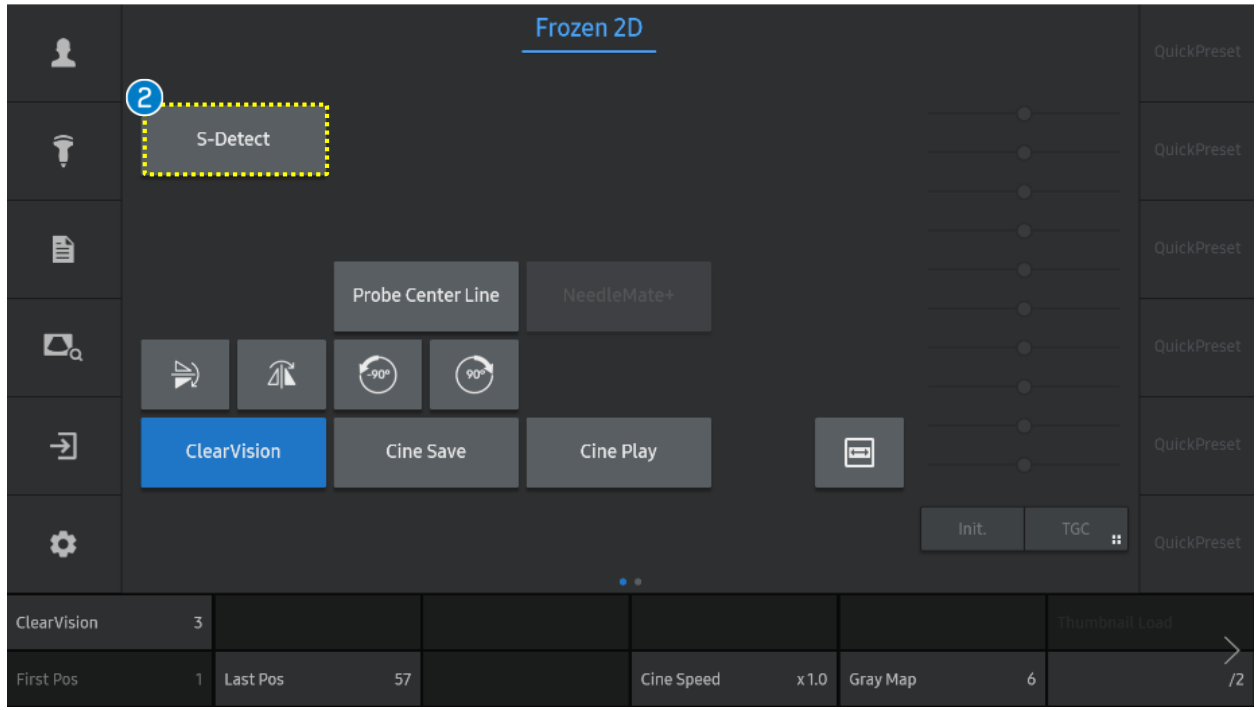
S-Detect™ *for Breast*

RS85 Prestige **Quick Guide**

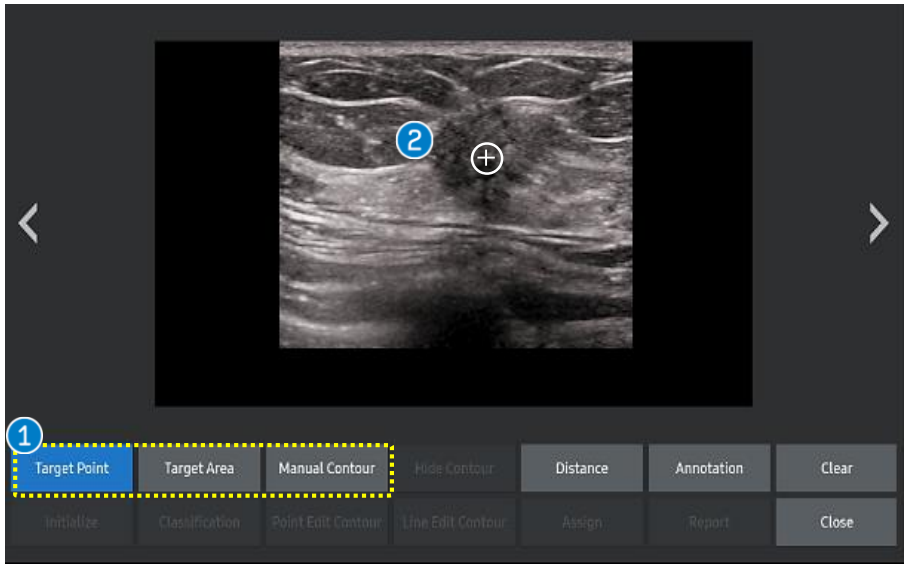
Produced by Clinical Training Center / SAMSUNG MEDISON CO.,LTD

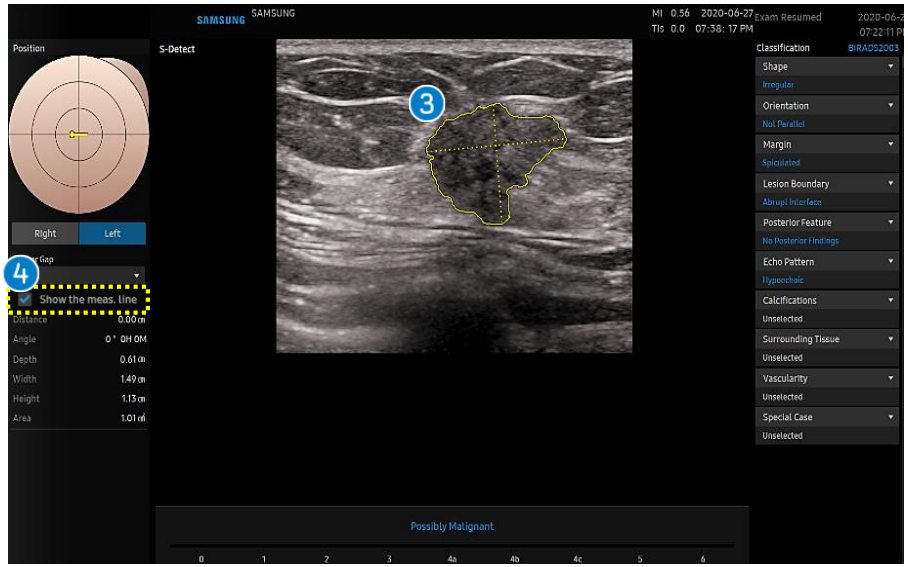
1. Start S-Detect™ for Breast

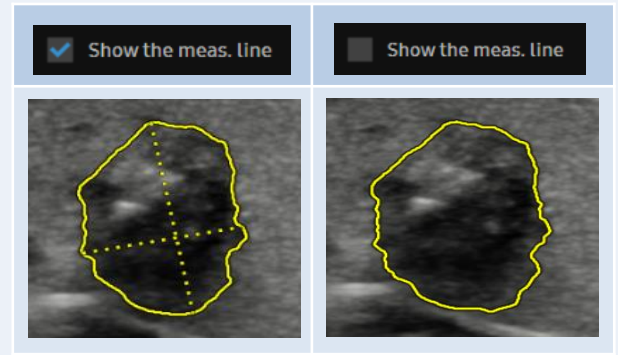


1 Image Acquisition	Acquire the image including lesion in 2D mode and press the [Freeze] button.
2 Start the S-Detect	Tap the [S-Detect] on the touch screen.

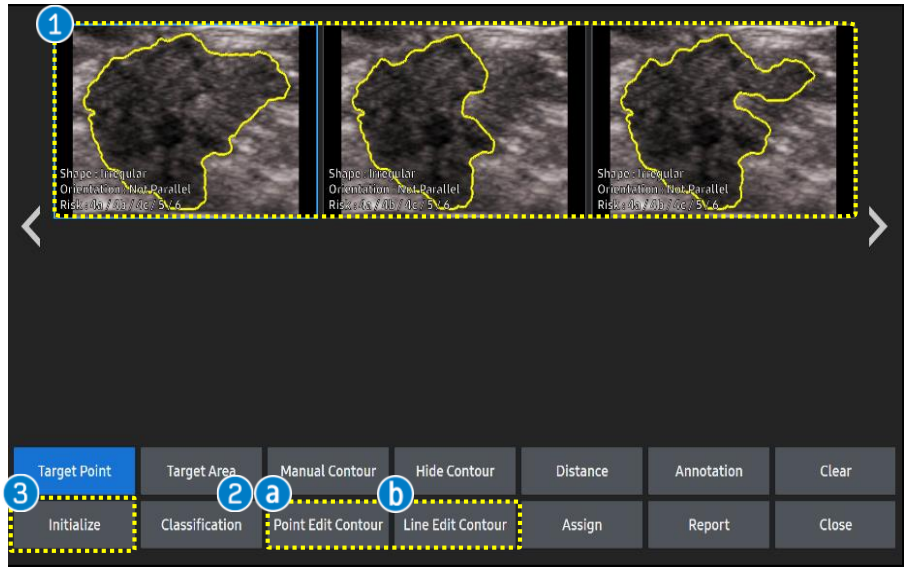
2. Designate the ROI





1 Detection method	▪ Target Point ▪ Target Area ▪ Manual Contour
2 Target Point	Touch the center of the lesion on the touchscreen. Or locate the cursor on the center of the lesion on the monitor and press the [Set] button.
3 Detect the boundary	Lesion boundary is automatically detected and displayed as green contour.
4 Show the meas. line	It is to display the measurement line(Height, width) of the lesion. 

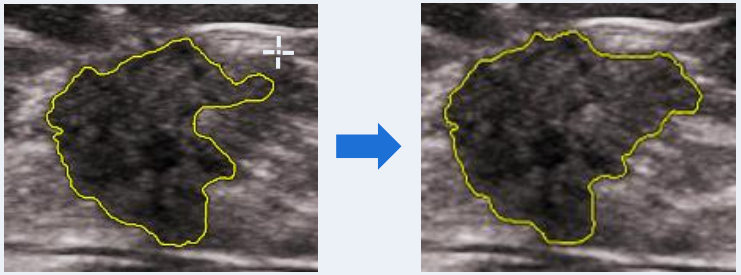
3. Select the Candidate and Edit



1 Candidates	Candidate images are provided on the touch screen so you can choose the most suitable image. To select, just touch the one.
2 Edit Contour	If necessary, you can edit the contour of selected candidate by tap the [Point Edit Contour] or the [Line Edit Contour] on the touch screen.
3 Initialize	To reset all results, tap the [Initialize] button on the touch screen.

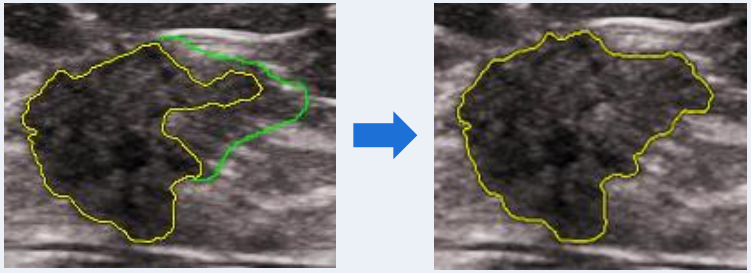
a Point Edit contour

Locate the cursor close to the part of contour that you want to modify and press the [Set] button.

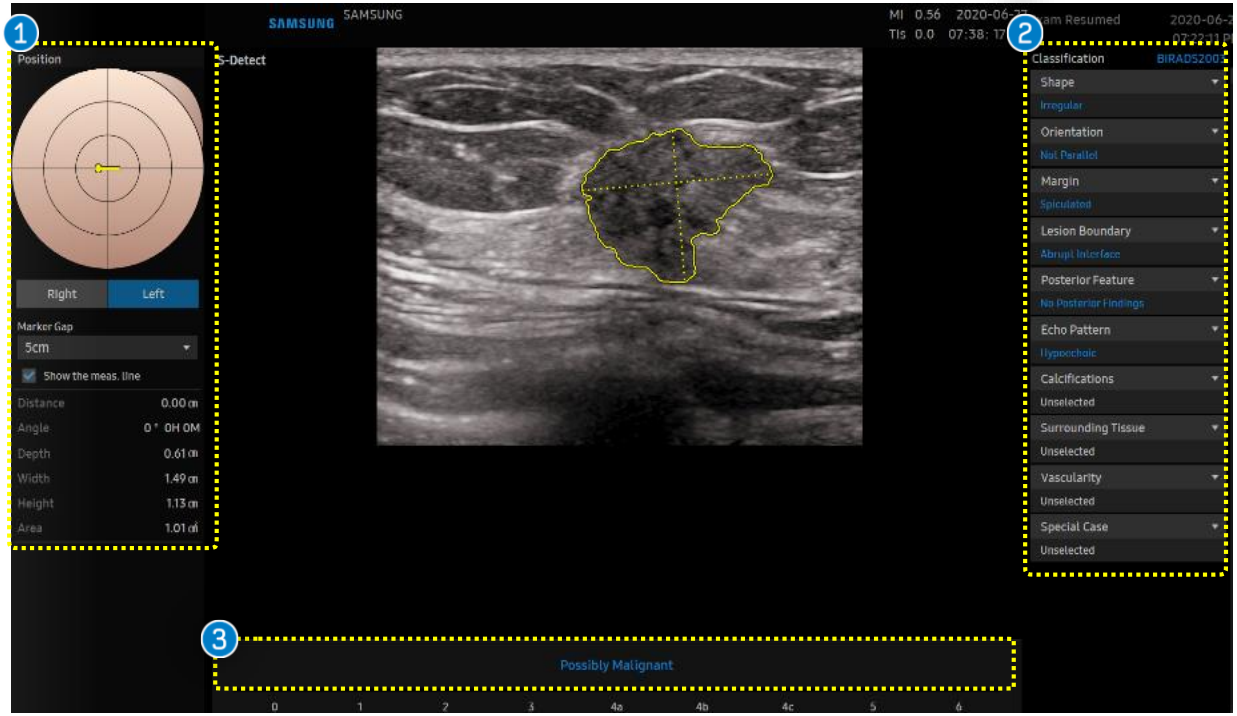


b Line Edit contour

Draw the new boundary (green color) manually using trackball and press the [Set] button.

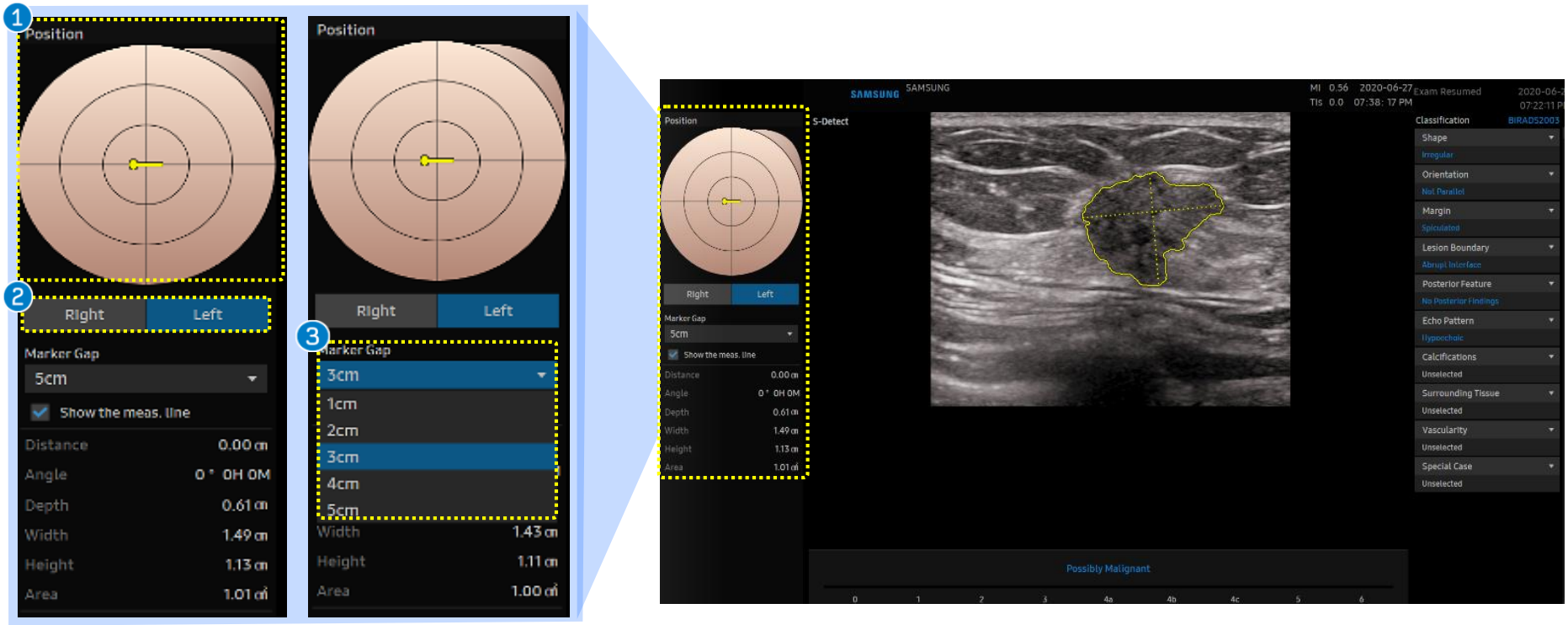


4. Result page



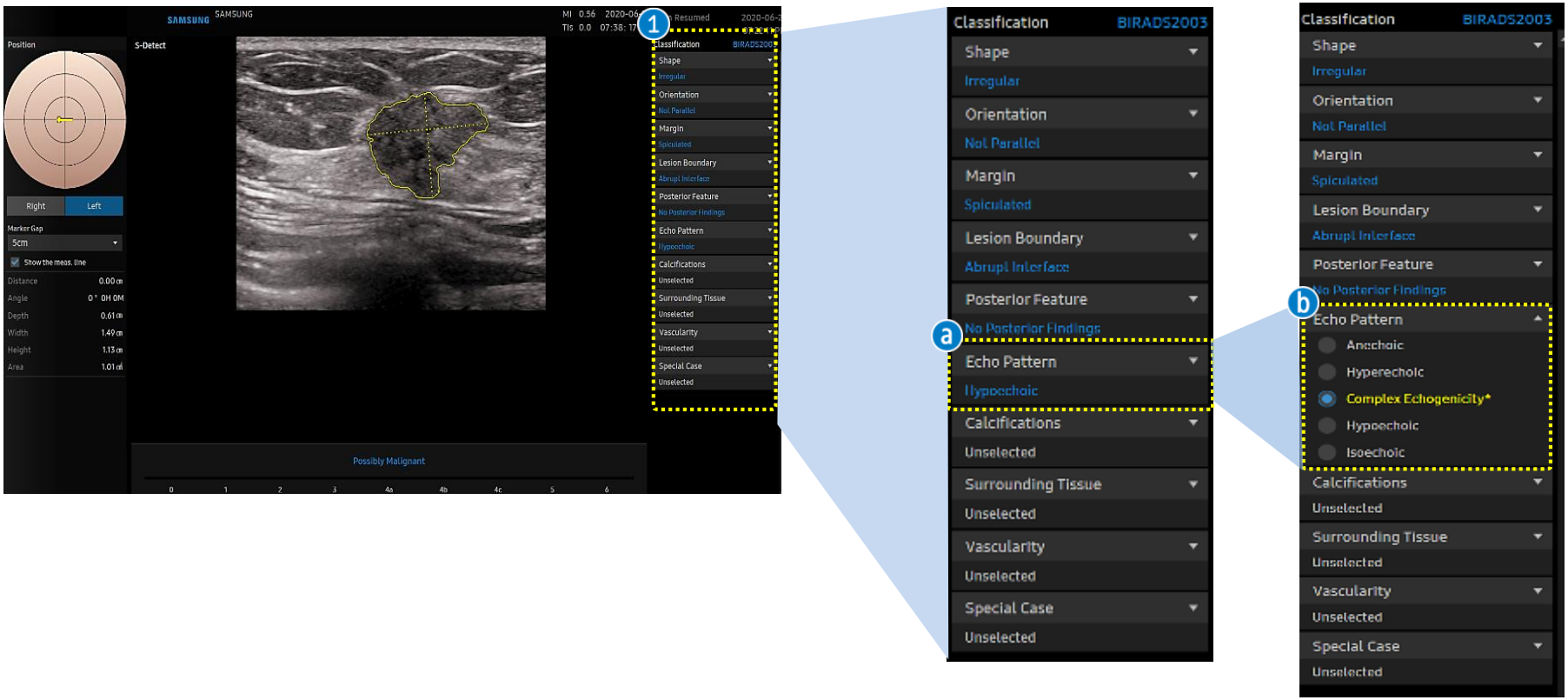
① Location information Area	Provides information about the location and the size of lesion.
② Classification	Provides the BI-RADS® Lexicon Classification for the lesion. 6 Classifications (Blue color) are automatically provided. 4 Classifications (White color) are 'Unselected', so it can be selected manually by users.
③ Description	S-Detect only suggests whether the lesion tends to be malignant or benign.

5. Result page: Mark the position



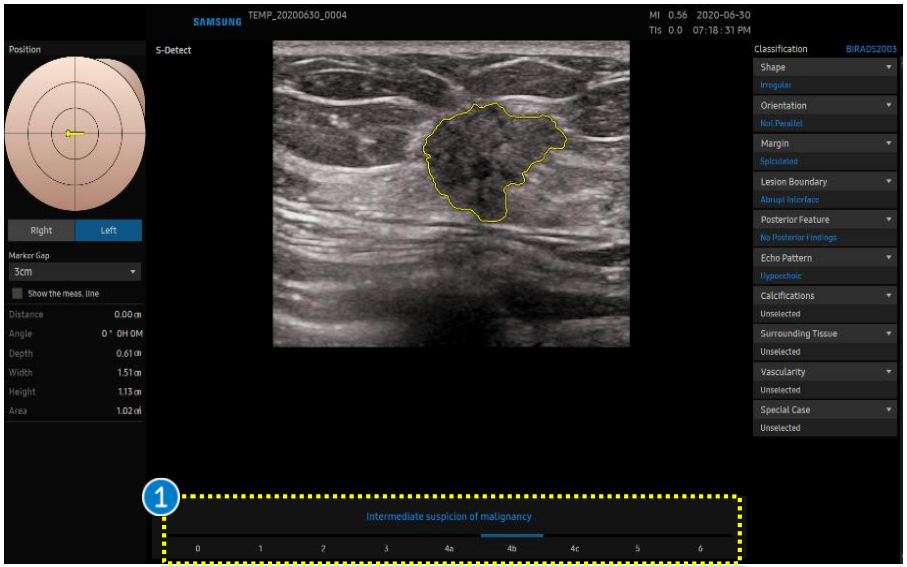
① Position	Locate the probe marker(yellow bar) according to lesion's location with the [Set] button. Use the [Angle] button on the control panel to rotate the marker.
② Laterality	Select right or left breast with the [Set] button.
③ Marker Gap	Choose the size of marker gap to change the scale which indicates distance from the nipple depending on the size of patient's breast.

6. Result page: Edit the classification (1)



1 Classifications	a Click the title of classification that you want to modify. b Edit the result. Modified Classification is represented with yellow color. It can be also edit classifications on the touch screen.

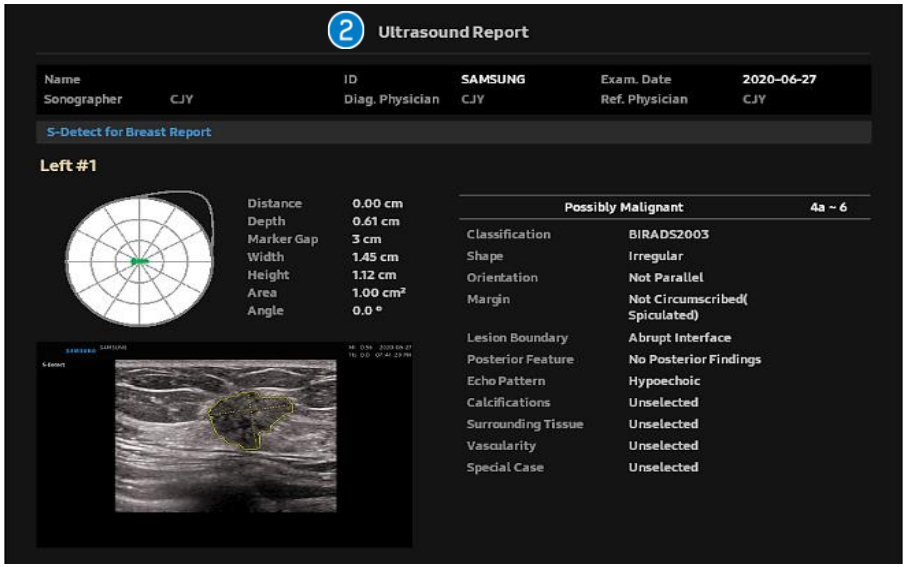
7. Result page: BI-RADS® Score



1 BI-RADS® score	Designate the specific BI-RADS® Assessment Score on the bottom of the screen to make final decision.

8. Assign to Report

1 Assign	If you want to assign the S-Detect results to the report, tap the [Assign] button on the touch screen.
2 Report	Tap the [Report] button on the touch screen to confirm the result of S-Detect™.



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- The features, options may not be commercially available in some countries.
- Sales and shipments are effective only after the approval by the regulatory affairs. Please contact your local sales representative for further details.
- This Quick guide does not include all of the details of instruction, fore more detail, please refer to RS85 User Manual.
- Do not distribute this document to customers unless relevant regulatory and legal affairs officers approve such distribution.
- This User Quick Guide is based on RS85 V2.08.
- Disclaimer: Some Images in this content were obtained from other system.

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