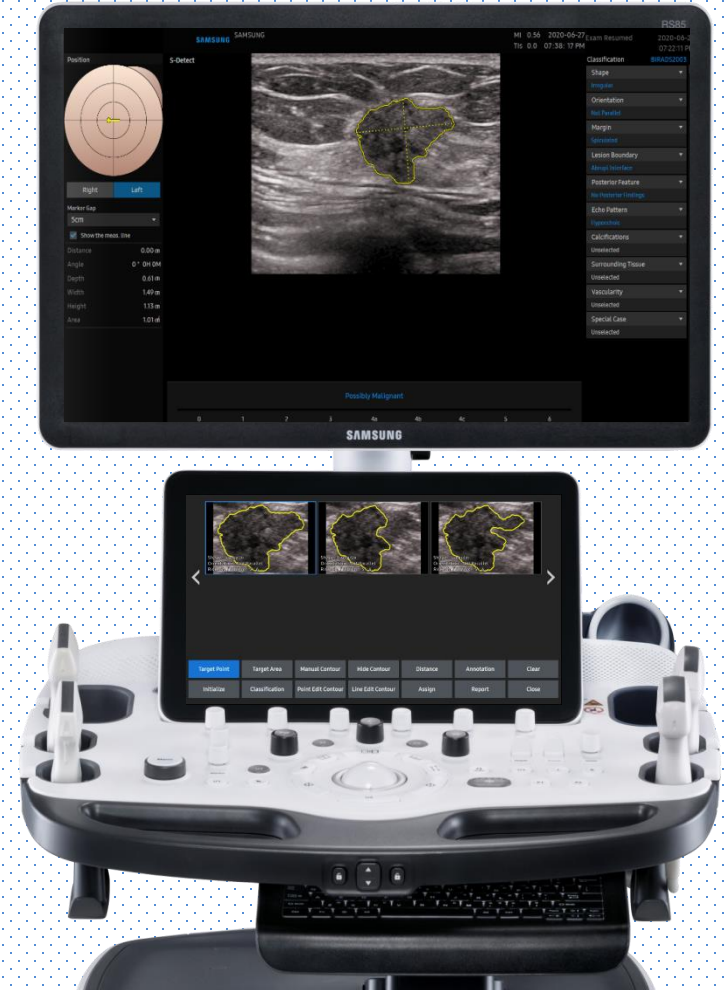
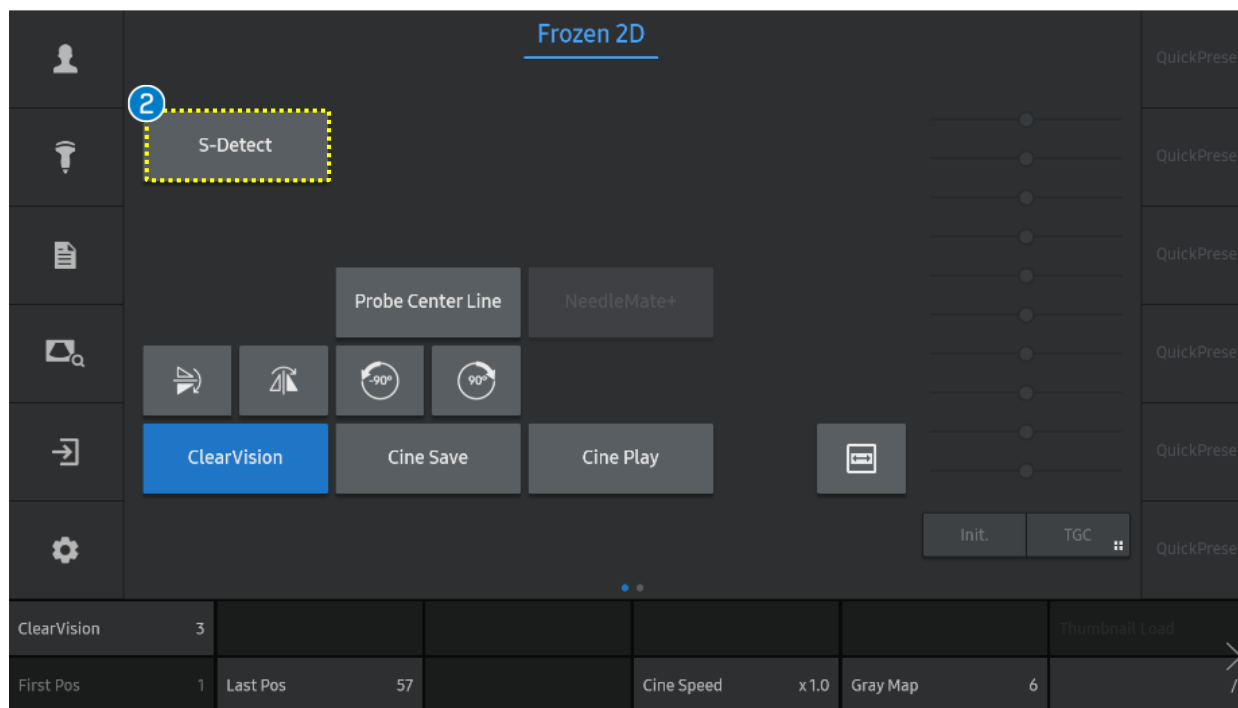


S-Detect™ *for Breast*

RS85 Prestige Quick Guide



1. Start S-Detect™ for Breast



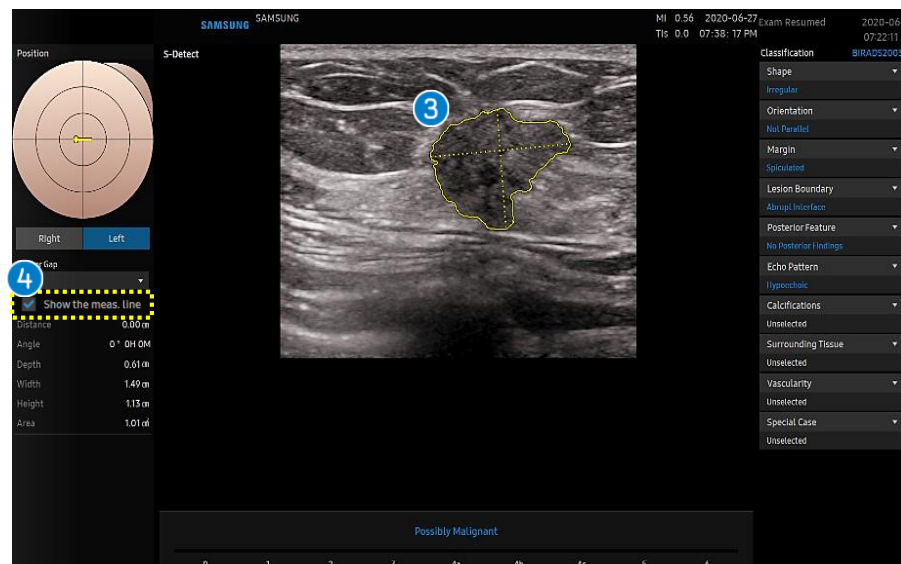
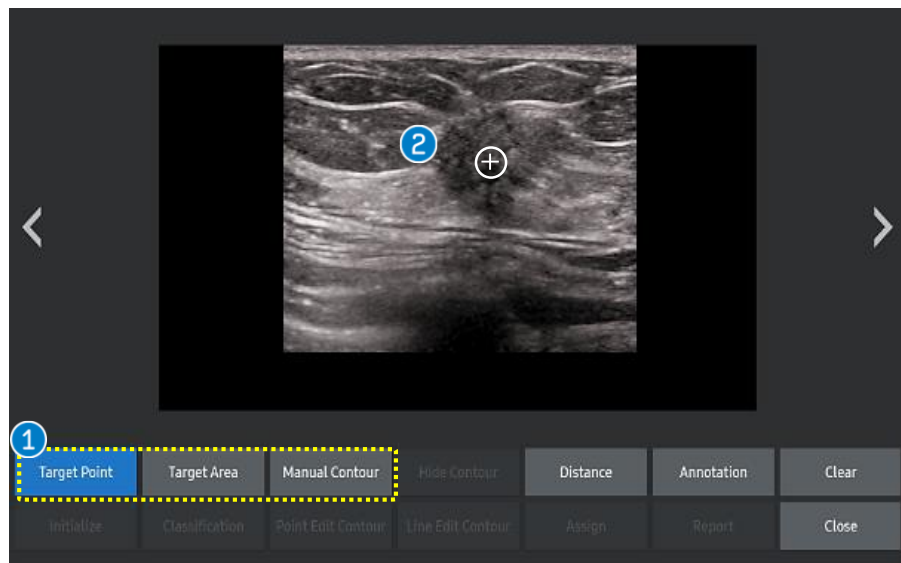
① Image Acquisition

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

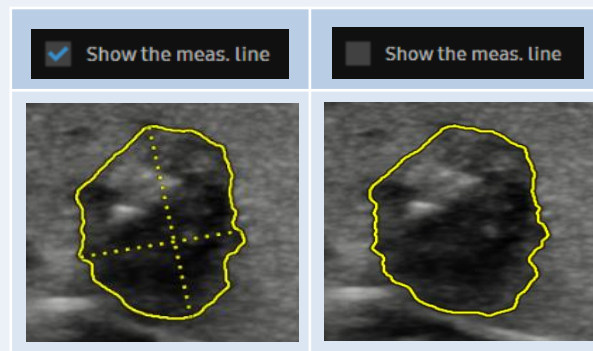
Touch the center of the lesion on the touchscreen.
Or locate the cursor on the center of the lesion on the monitor and press the [Set] button.

3 Detect the boundary

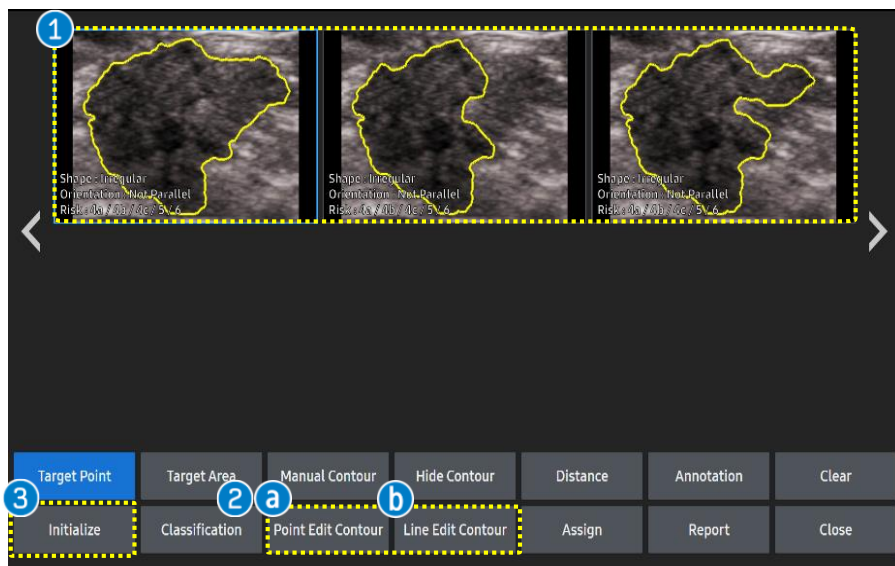
Lesion boundary is automatically detected and displayed as green contour.

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

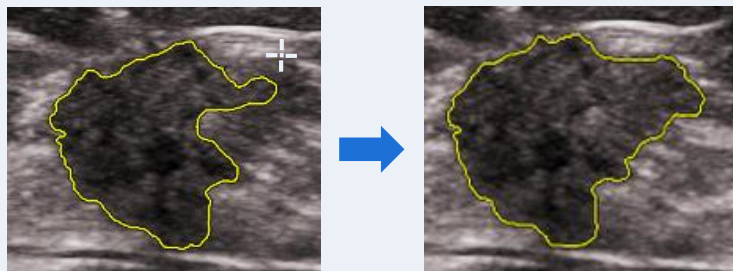
If necessary, you can edit the contour of selected candidate by tap the [Point Edit Contour] or the [Line Edit Contour] on the touch screen.

3 Initialize

To reset all results, tap the [Initialize] button on the touch screen.

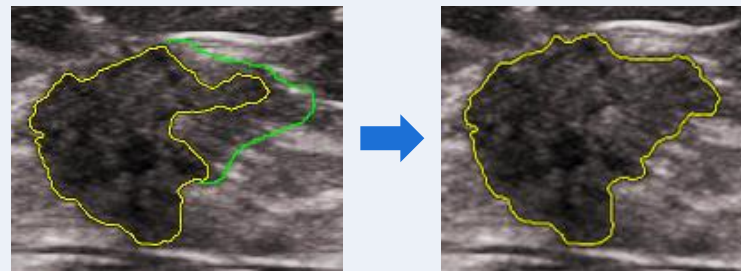
a Point Edit contour

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

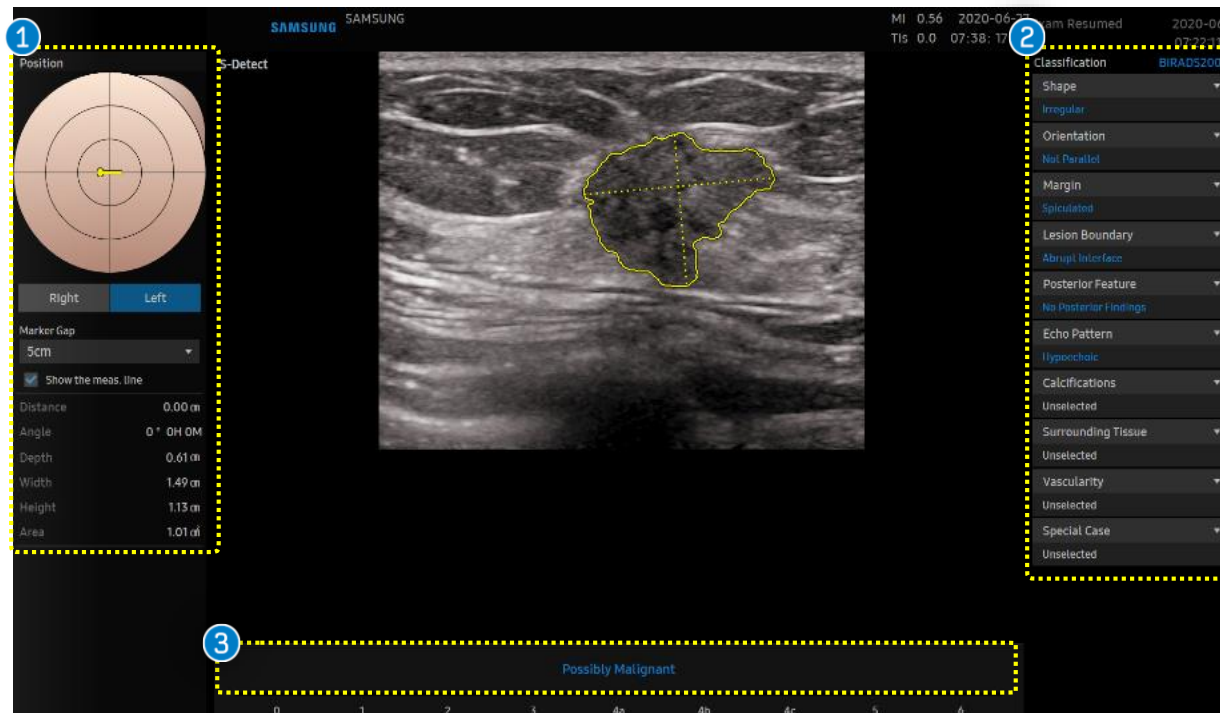


b Line Edit contour

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.

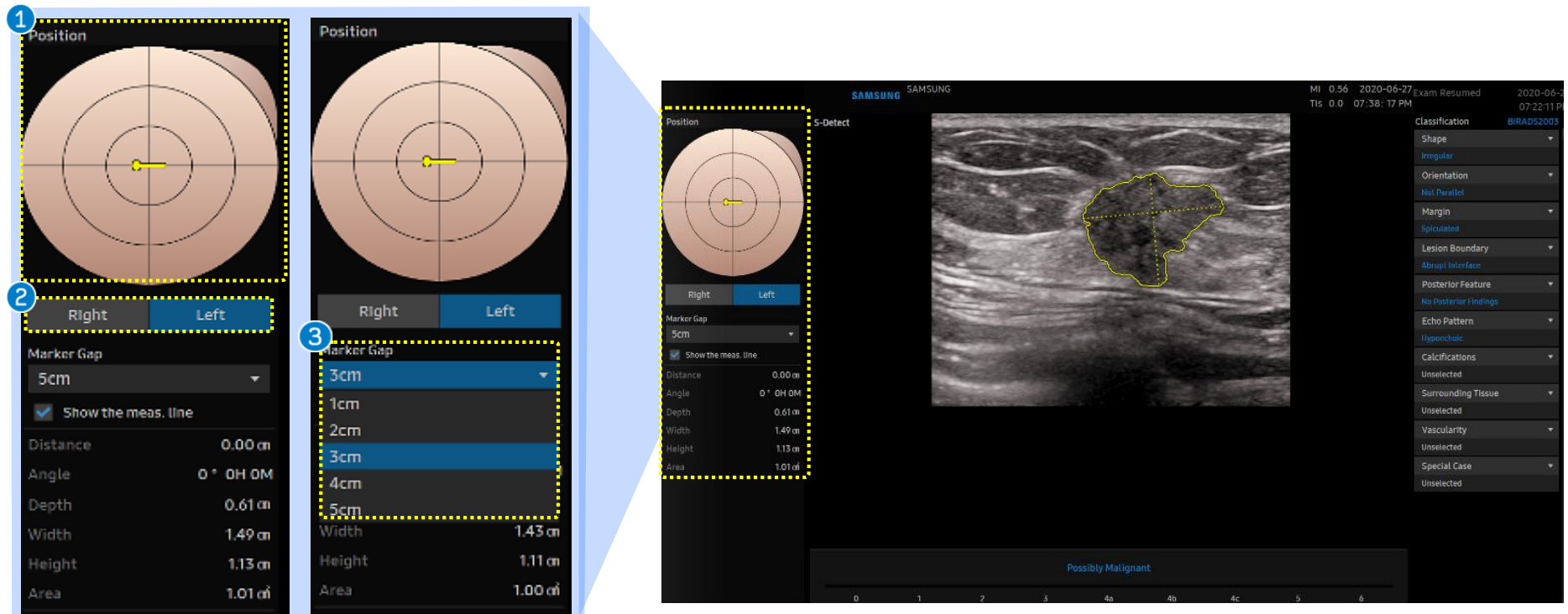
6 Classifications (Blue color) are automatically provided.

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.

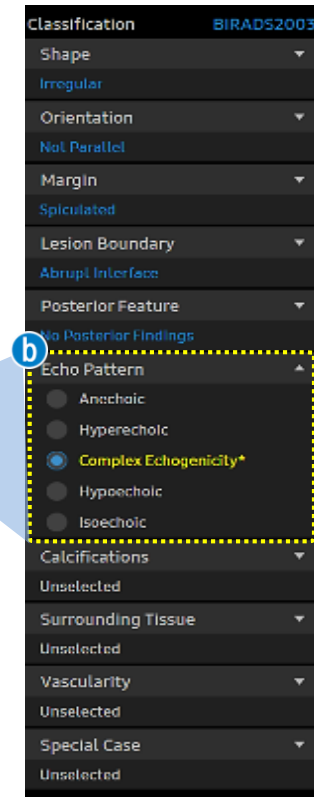
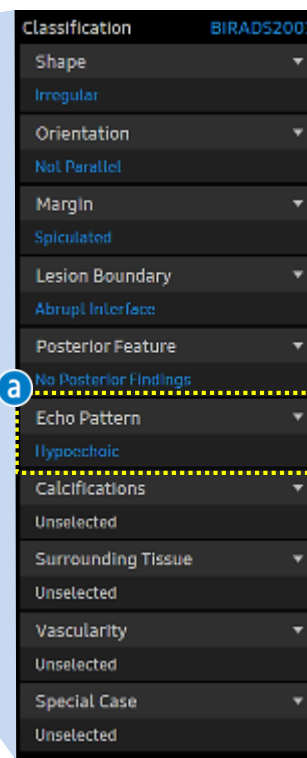
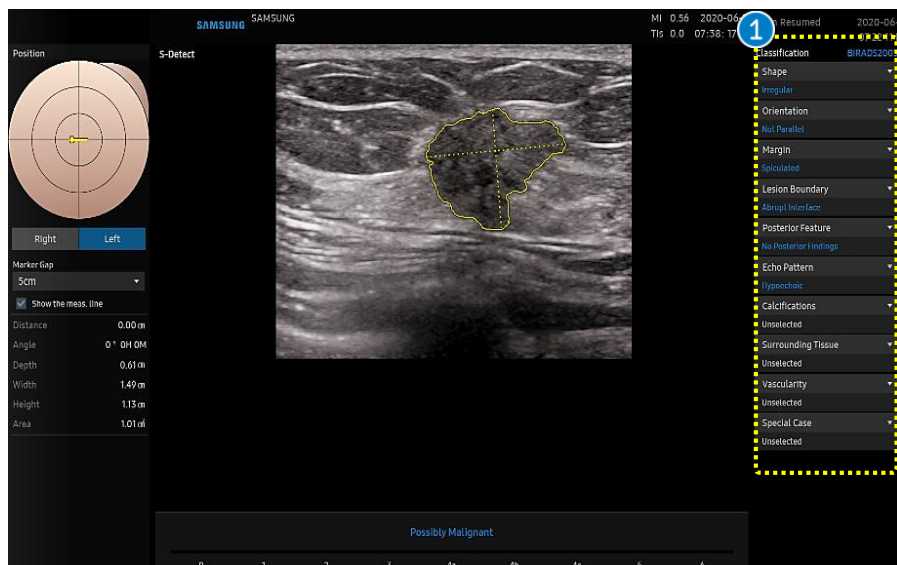
2 Laterality

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)



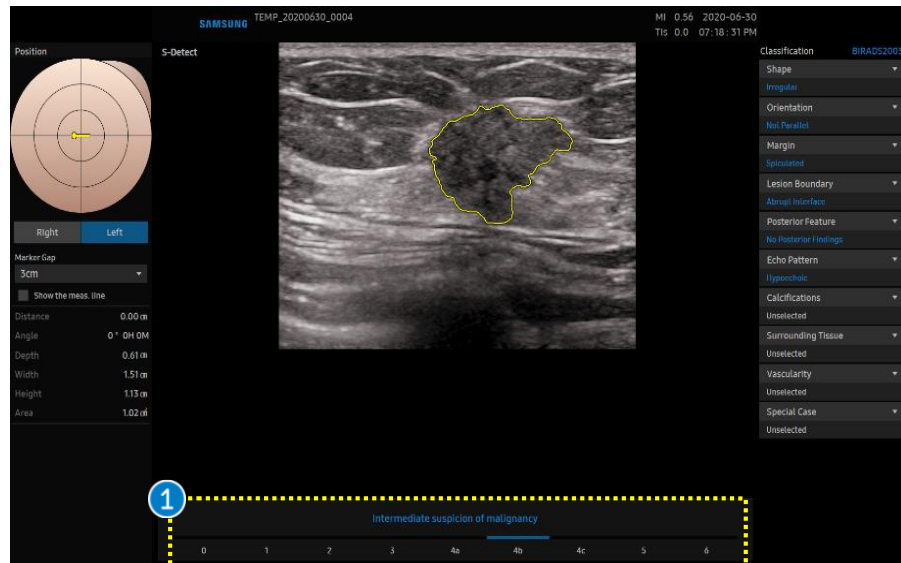
1 Classifications

a Click the title of classification that you want to modify.

b Edit the result. Modified Classification is represented with yellow color.

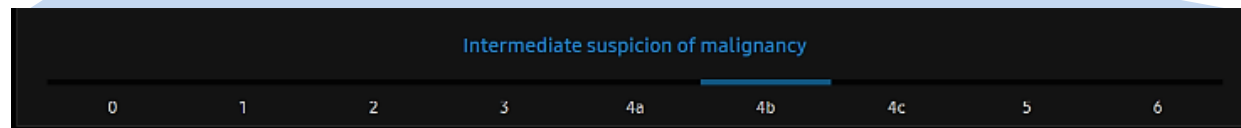
It can be also edit classifications on the touch screen.

7. Result page: BI-RADS® Score

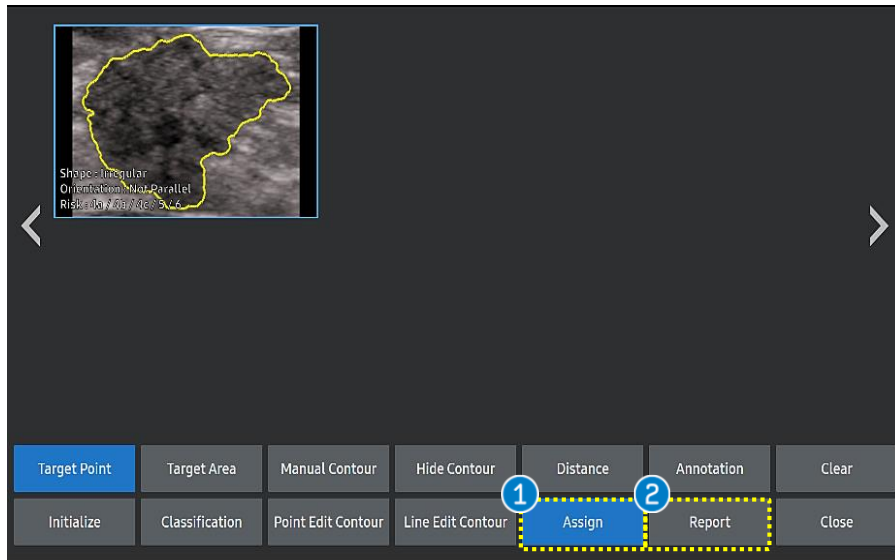


1 BI-RADS® score

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



8. Assign to Report

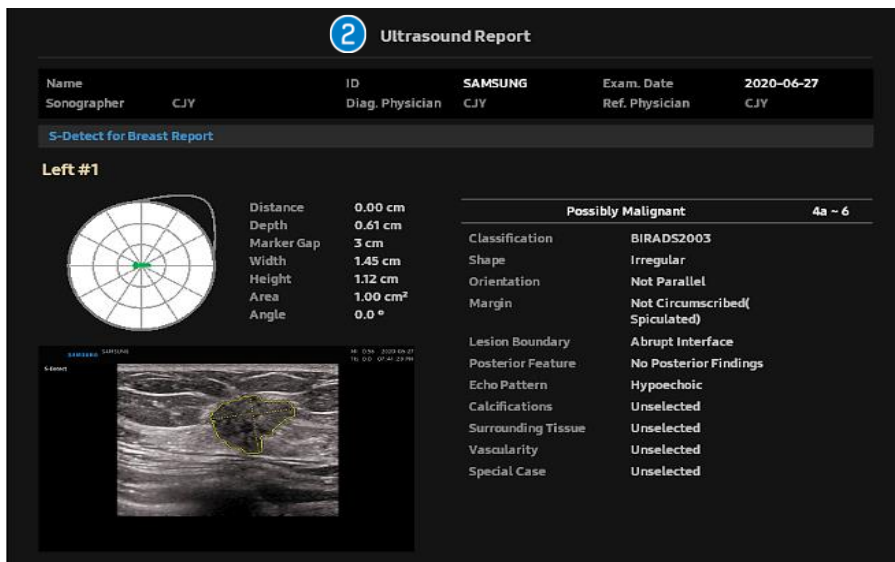


1 Assign

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, for 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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