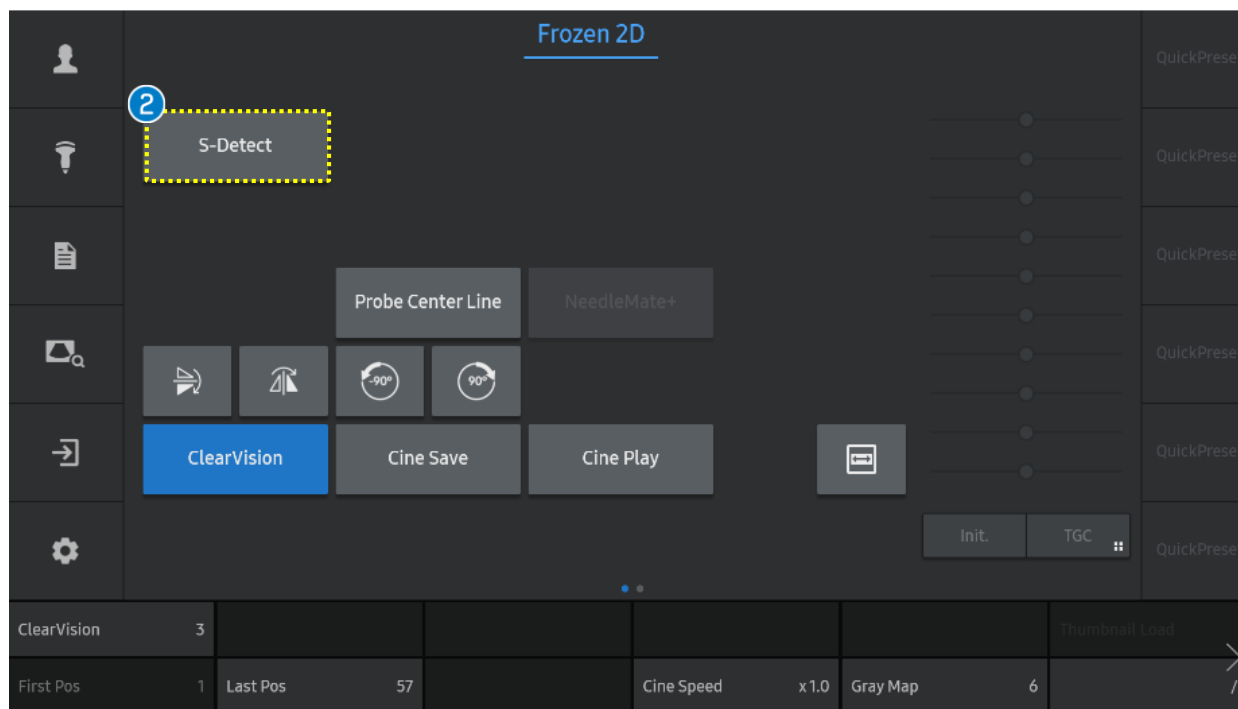


S-Detect™ *for Thyroid*

RS85 Prestige Quick Guide



1. Start S-Detect™ for Thyroid



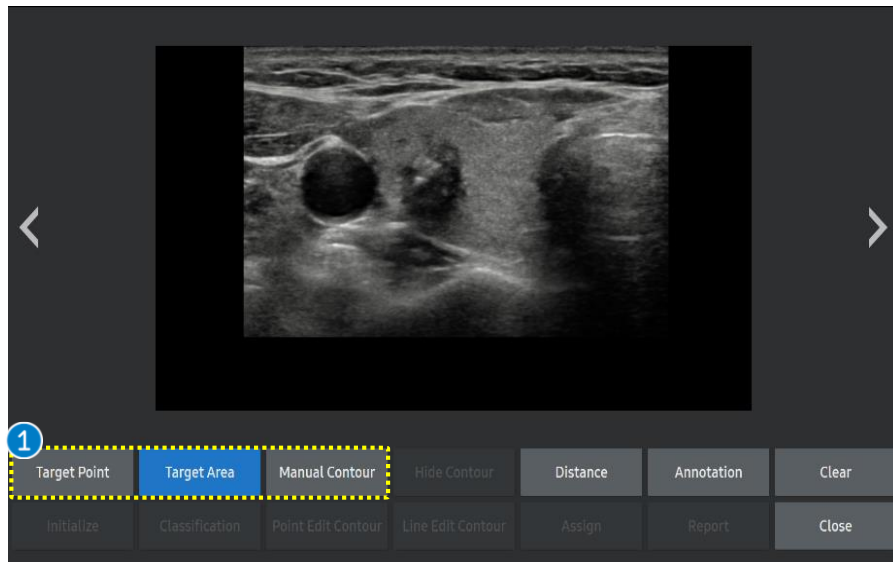
① Image Acquisition

Acquire the image including lesion in 2D mode and press the [Freeze] button.

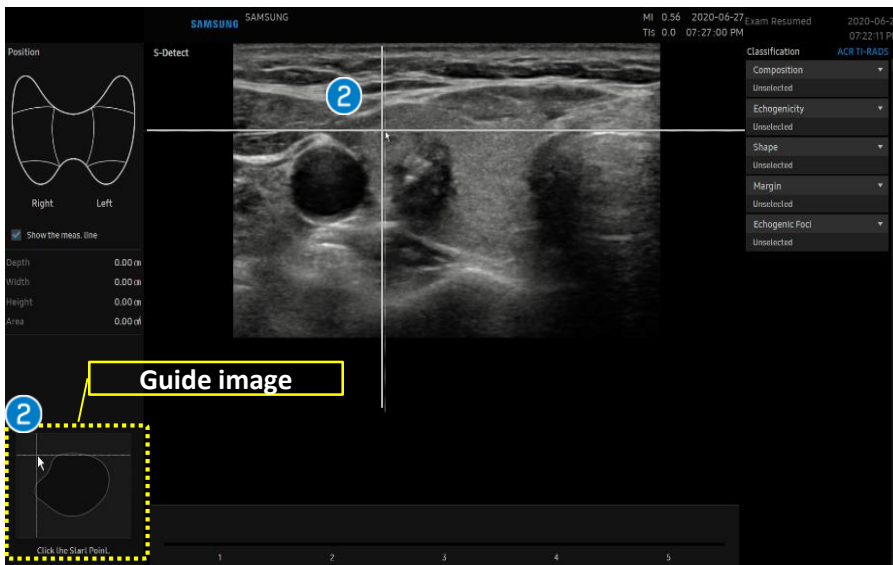
② Start a S-Detect

Tap the [S-Detect] on the touch screen.

2. Designate the ROI (1)



- Target Point
- Target Area
- Manual Contour

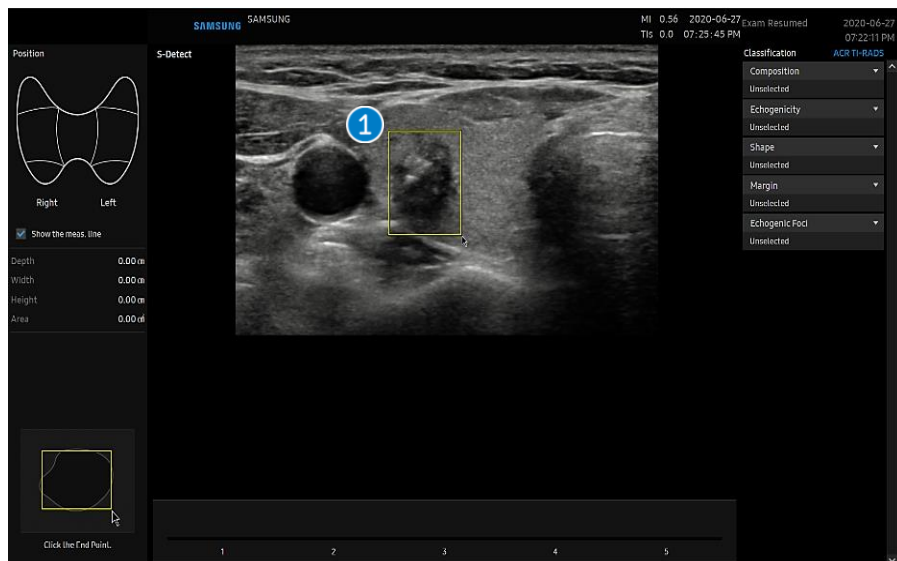


When the [Target Area] is selected, two guide lines will appear.

A guide image tells you how to designate the area enclosing a suspicious mass.

Press the [Set] button to start to draw the ROI from the left upper side of lesion.

2. Designate the ROI (2)



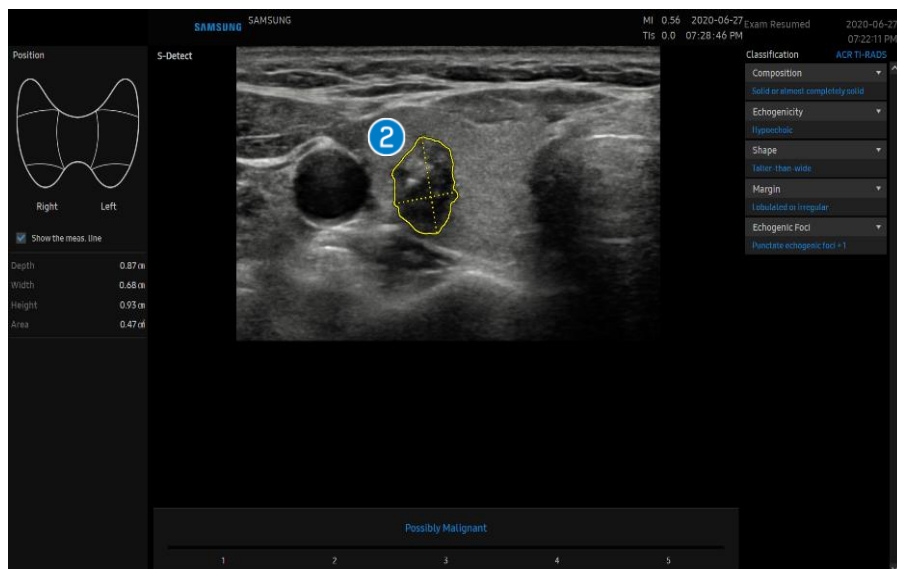
1 Draw the ROI

Adjust the guidelines to make the rectangle with overlapping the boundary of suspected lesion and click the [Set] button to finish.

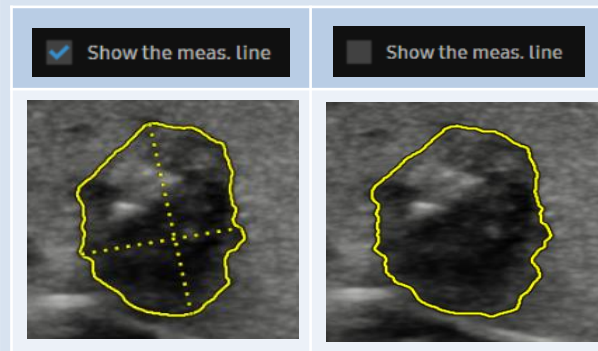
2 Detected boundary

After drawing the ROI, lesion boundary is automatically detected and displayed in green contour.

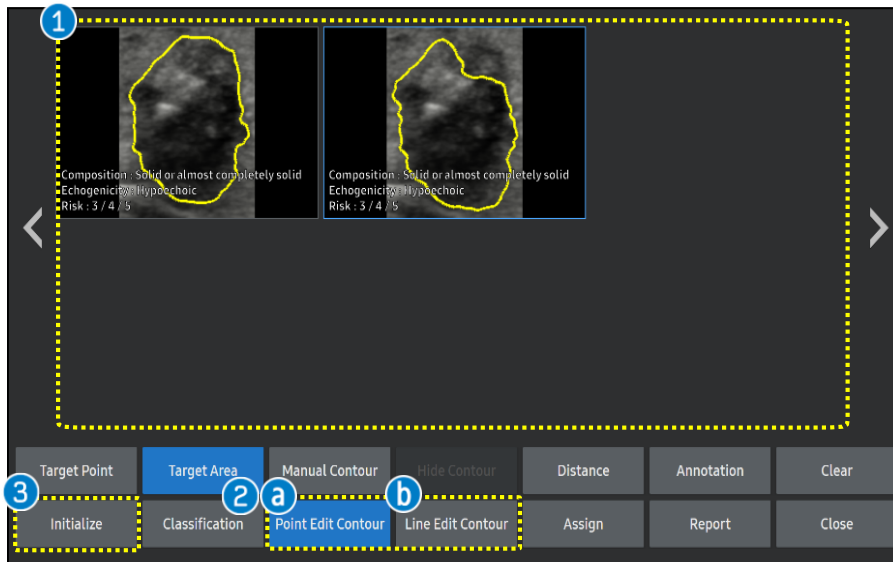
It is to display the measurement(width and height) of the lesion.



3 Show the meas.line



3. Select the Candidate and Edit



1 Candidates

Available candidate images are provided (up to 6) on the touch screen so that you can choose the most suitable image.

2 Edit Contour

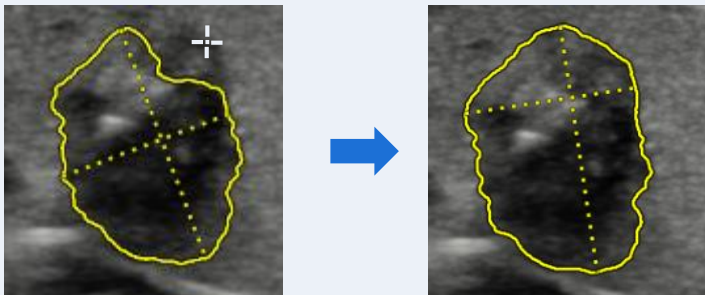
If necessary, you can edit the contour of selected candidate by [Point Edit Contour] or [Line Edit Contour] on the touch screen.

3 Initialize

To reset all results and re-specify, tap the [Initialize] button on the touch screen.

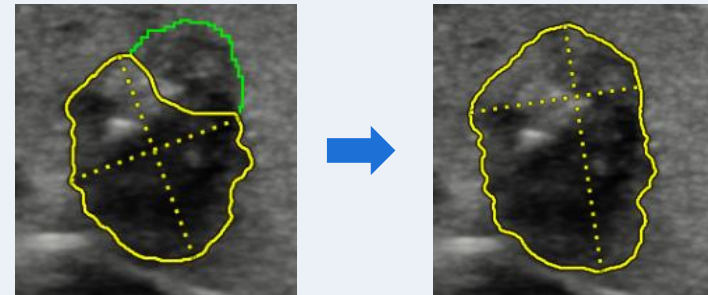
a Point Edit contour

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

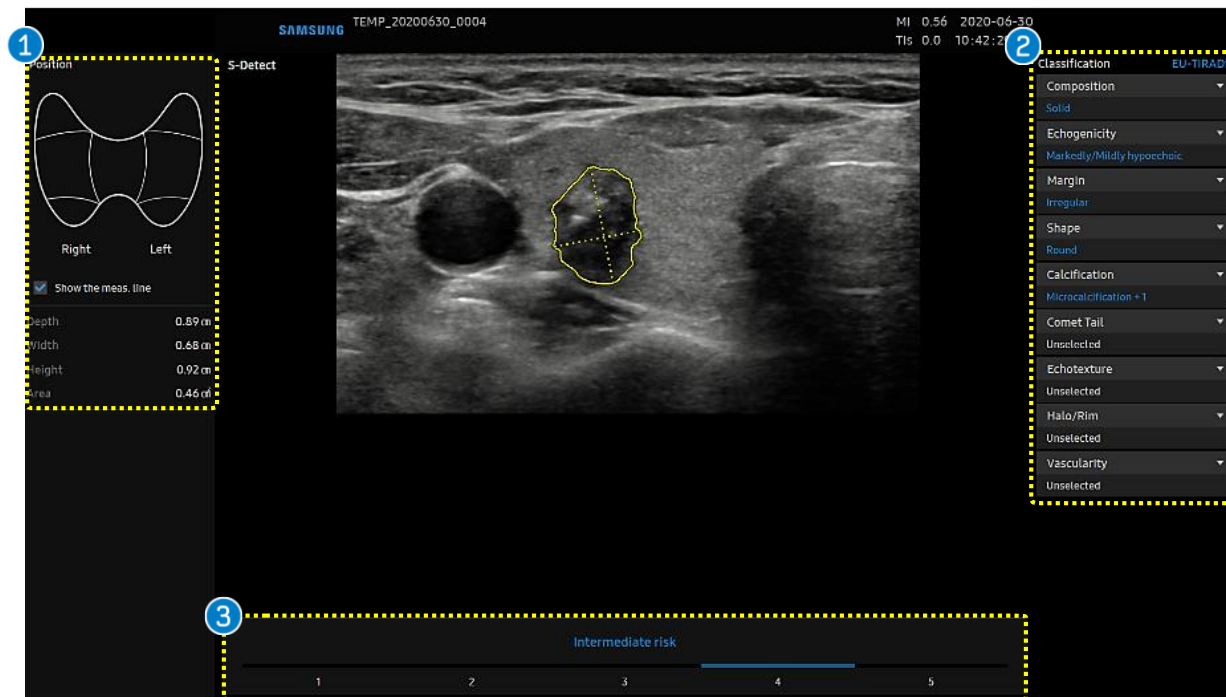


b Line Edit contour

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



4. Result page



1 Location Information Area

Provides information about the location and size of the lesion.

2 Classification

Provides the Lexicon Classification following designated reference on Setup.

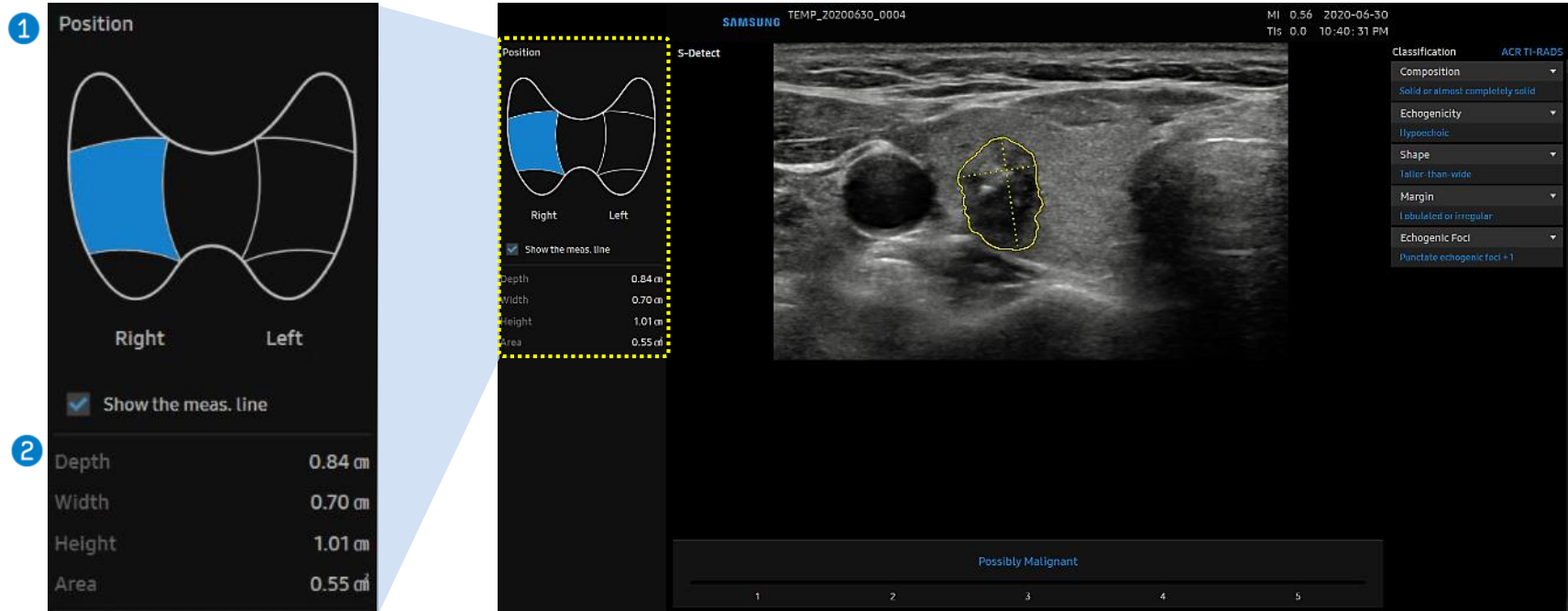
Blue text of classifications - automatically provided.

White text of classifications - not specified automatically, so it can be chosen manually by users.

3 Description

S-Detect only suggests whether the lesion tends to be malignant or benign.

5. Result page: Mark the Position



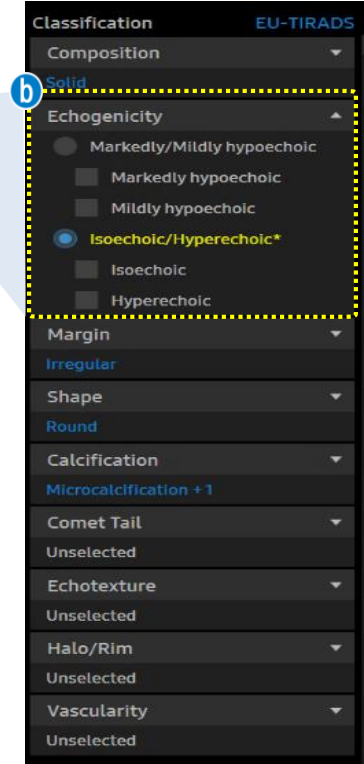
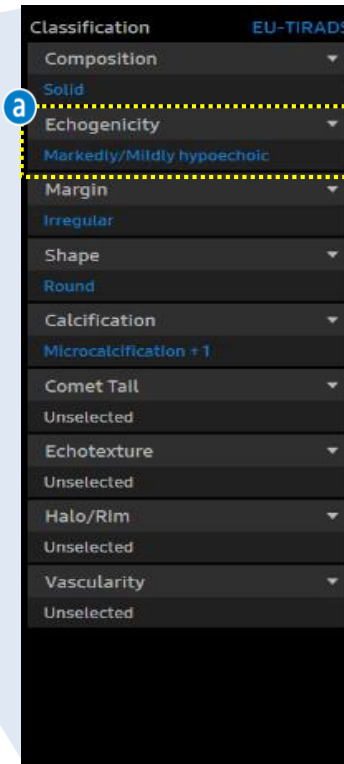
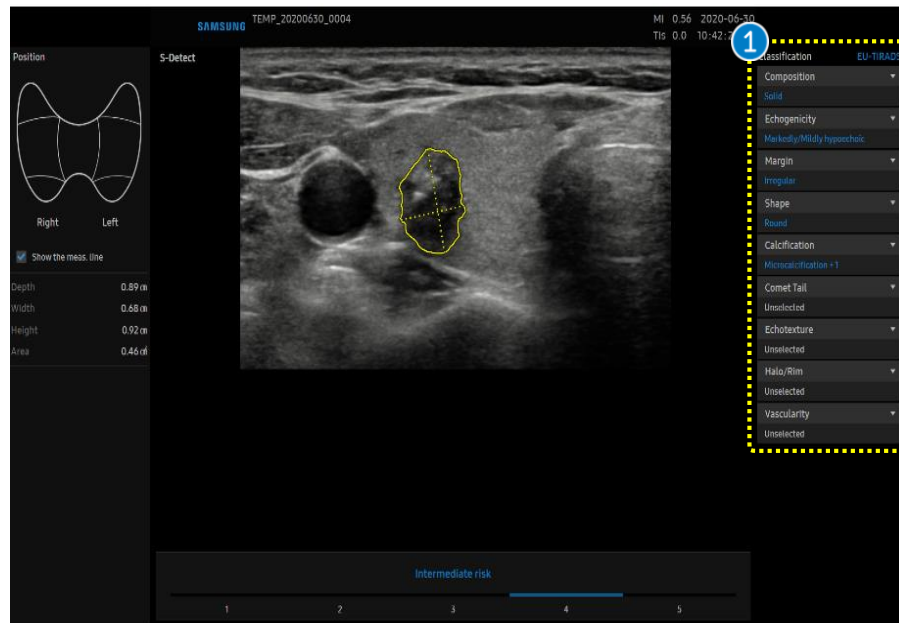
1 Body marker of position

Select the location of the lesion on the thyroid diagram and press the [Set] button.

2 Information of lesion

Depth, Width, Height and Area are automatically displayed.

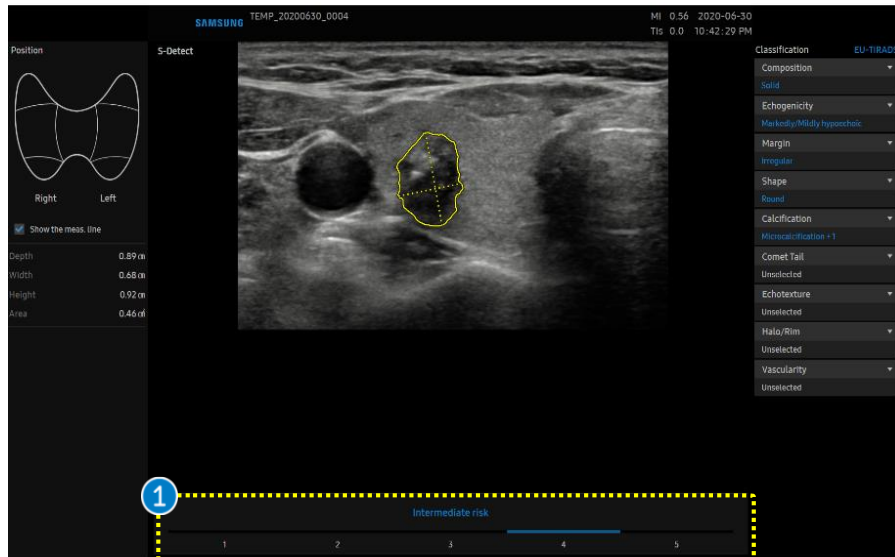
6. Result page: Edit the classification



1 Classifications

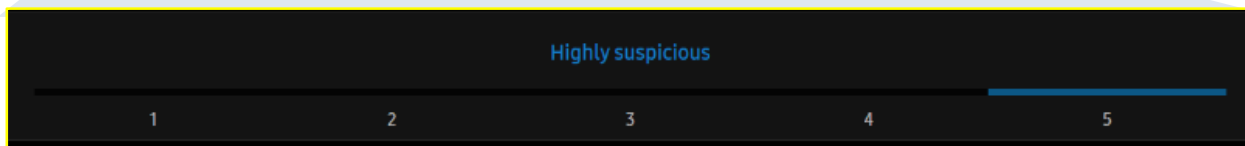
- a** Click the lexicon that you want to modify.
- b** Edit the result. Modified Classification is represented with yellow color.
It can be edit classifications on the touch screen.

7. Result page: Description and Score

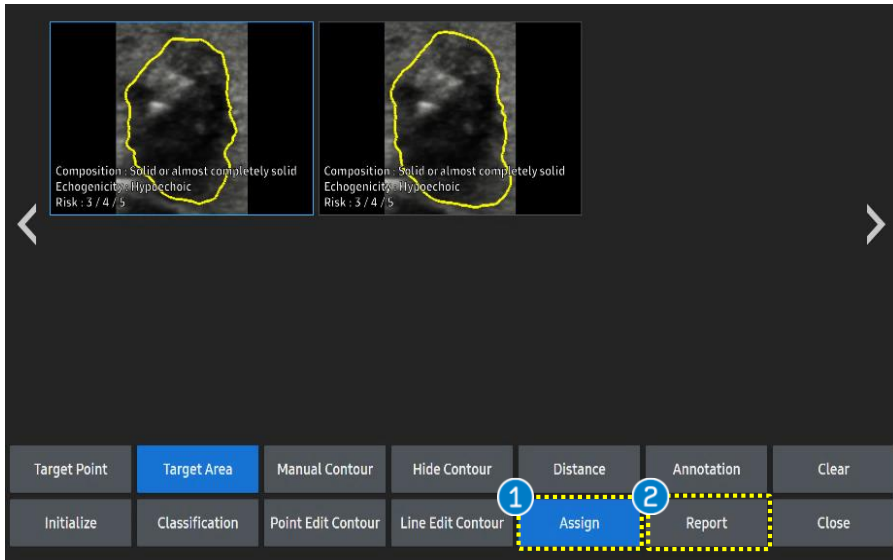


1 TI-RADS score

Designate the specific TI-RADS Assessment score (1 ~ 5) on the bottom of the screen to make final decision.



8. Assign to Report

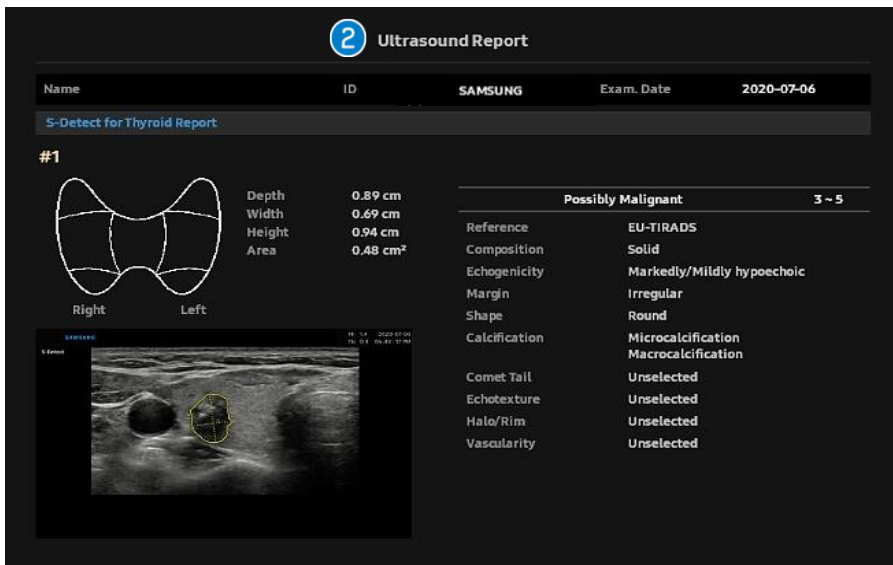


1 Assign

If you want to add 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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