SAMSUNG

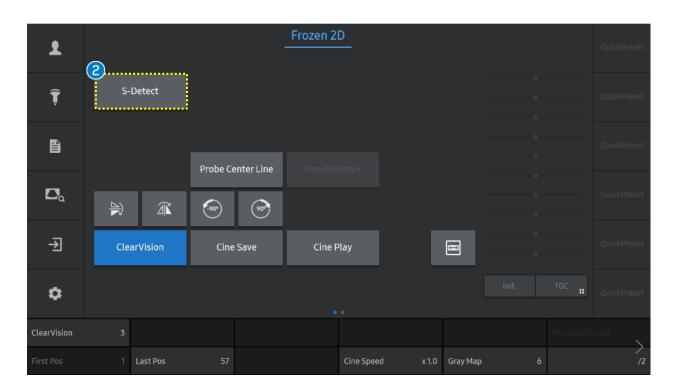
S-Detect[™] for Breast

RS85 Prestige Quick Guide





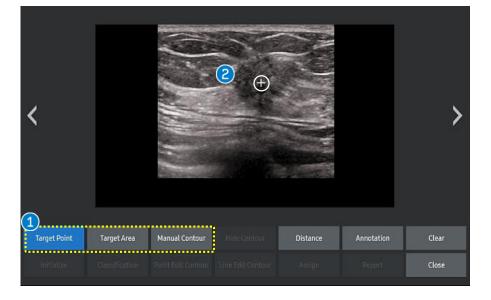
1. Start S-Detect[™] for Breast



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

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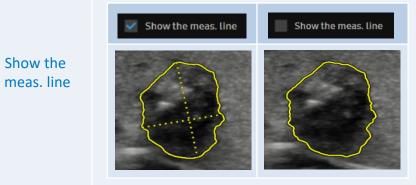


1 Detection method	Target PointTarget AreaManual Contour
2 Target Point	Touch the center of the lesion on the touchscreen. Or locate the cursor on the center of the lesion on the monitor and press the [Set] button.
Detect the boundary	Lesion boundary is automatically detected and displayed as green contour.

It is to display the measurement line(Height,

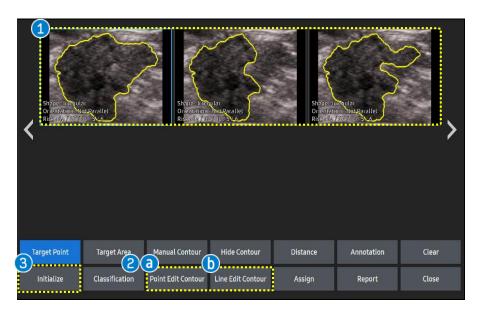
width) of the lesion.

4



RS85 S-Detect™ for Breast User Quick Guide

3. Select the Candidate and Edit

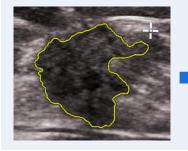


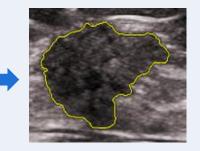
Candidates Candidate images are provided on the touch screen so you can choose the most suitable image. To select, just touch the one. If necessary, you can edit the contour of selected candidate by tap the [Point Edit Contour] or the [Line Edit Contour] on the touch screen. Initialize To reset all results,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

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O Point Edit contour

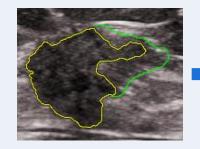
Locate the cursor close to the part of contour that you want to modify and press the [Set] button.

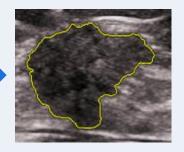




b Line Edit contour

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





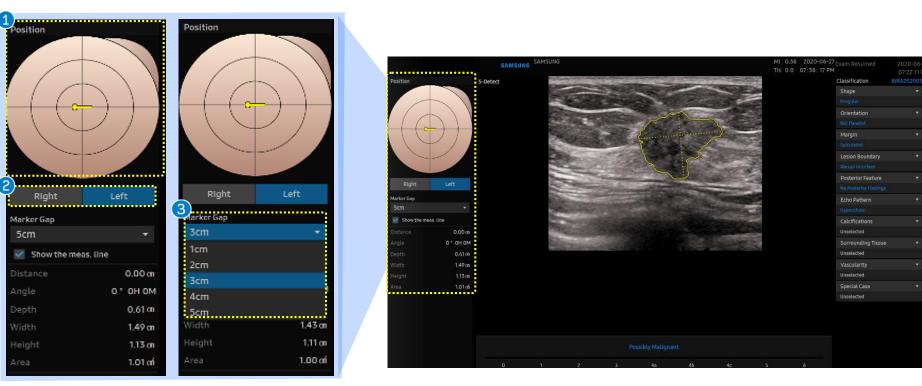
4. Result page

1		SAMSUNG	SAMSUNG					MI 0.56 TIS 0.0 0	2020-06- 7:38: 17	2 am Resumed	2020-0
Position	S-D	etect	and the second second	and the second second		State of the state	Constant of			Classification	BIRADS200
			and the second division of	Carried States	10000	-	where the set			Shape	
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()	-)			Car and	1	L La constante const				Margin	
1										Spiculated	
			1 miles	L THE AL	No.	4.5	and the state			Lesion Boundary	
			and a second	and the second second	5		and the second			Abright Interface	
				the second		3				Posterior Feature	
Right	Left		1000	and the second	Contraction of the local division of the loc	Concession of the local division of the loca	-			No Posterior Finding	
tarker Gap			Contraction of the local division of the loc	- Contraction			Second St.			Echo Pattern	
5cm	T		and the second							Hypoochale	
Show the mea	as, line		Downey and							Calcifications	
	0.00 m		State of							Unselected	
	0 * 0H 0M		States of the local division of the local di							Surrounding Tissu	e .
	0.61 m			A DOWN OF A DOWN		and the second				Unselected	
	1,49 cm									Vascularity	
	1.13 m									Unselected	
	1.01 m									Special Case	
										Unselected	
										÷	
	(3)				Possibly Malignan						

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.

RS85 S-Detect[™] for Breast User Quick Guide

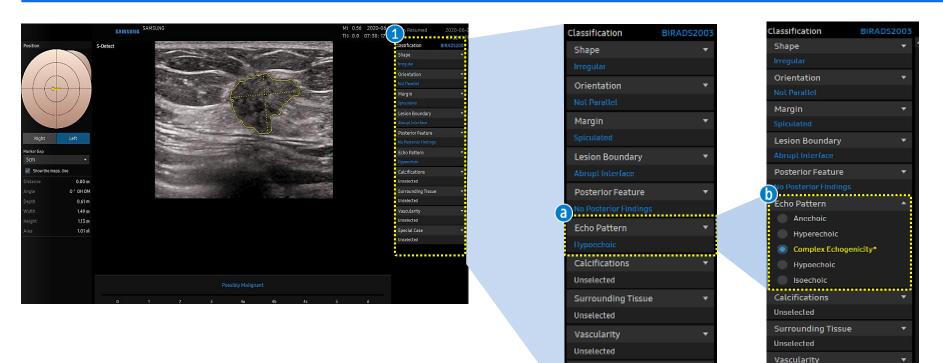
5. Result page: Mark the position



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.

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RS85 S-Detect[™] for Breast User Quick Guide 6. Result page: Edit the classification (1) SAMSUNG



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

Special Case

Unselected

Unselected

Special Case Unselected

RS85 S-Detect™ for Breast 7. Result page: BI-RADS[®] Score



Designate the specific BI-RADS® AssessmentBI-RADS® scoreScore on the bottom of the screen to makefinal decision.

			Intermediat	e suspicion of	malignancy			
0	1	2	3	4a	4b	4c	5	6
		-	-	16	10	15	2	, v

RS85 S-Detect™ for Breast User Quick Guide

8. Assign to Report

Shape-internet Orientation Ma Ride October	ar corporation (R) 34.6					>
Target Point	Target Area	Manual Contour	Hide Contour	Distance	Annotation	Clear
Initialize	Classification	Point Edit Contour	Line Edit Contour	Assign	Report	Close

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™.

Name			SAMSUNG	Exam. Date	2020-06-27
Sonographer	CJA	Diag. Physician	CJY	Ref. Physician	CJY
S-Detect for Bre	ast Report				
Left #1					
	Distance	0.00 cm 0.61 cm	Pos	sibly Malignant	4a ~ 6
1XA	Depth Marker Gap	0.61 cm 3 cm	Classification	BIRADS2003	
	Width	1.45 cm	Shape	Irregular	
	Height	1.12 cm	Orientation	Not Parallel	
∇	Area Angle	1.00 cm² 0.0 °	Margin	Not Circumscri Spiculated)	bed(
		H 056 2020-05-27	Lesion Boundary	Abrupt Interfac	ce
SUBSING SUBSING		16 00 07.44 23 74	Posterior Feature	No Posterior Fi	ndings
		200	Echo Pattern	Hypoechoic	
144	· / / ·		Calcifications	Unselected	
200			Surrounding Tissue	Unselected	
			Vascularity	Unselected	
		-15	Special Case	Unselected	

- 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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