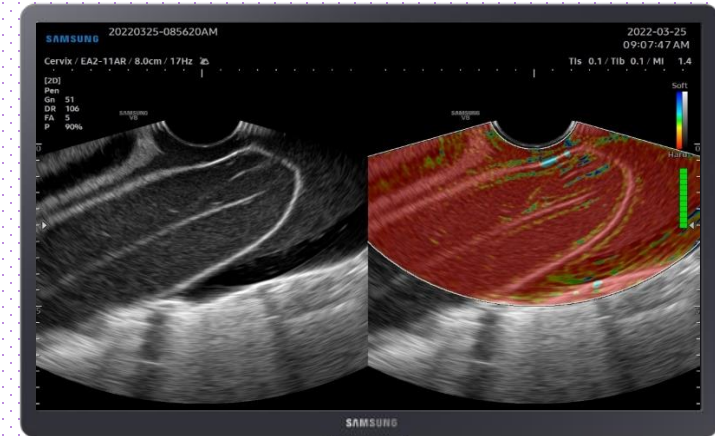


E-Cervix™

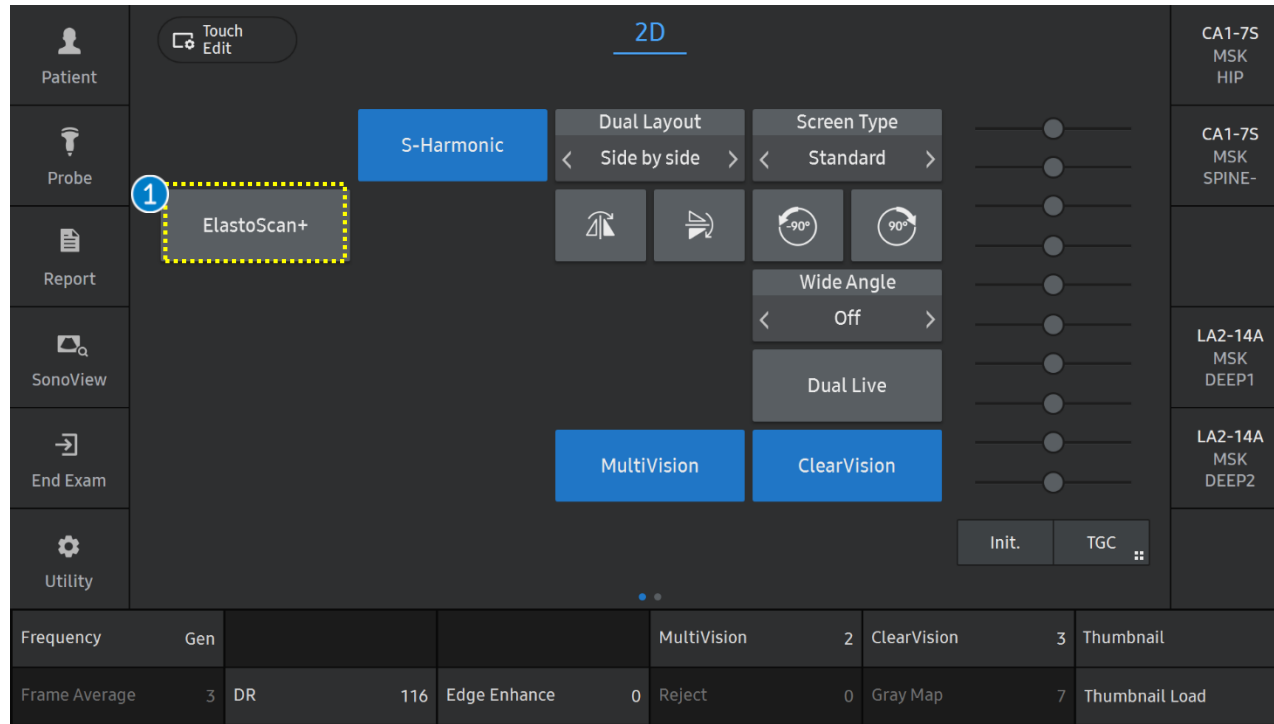
V8 User Quick Guide



※ This User Quick Guide is based on V1.00.01 of V8 system.

※ This User Quick Guide does not include all of the details of instruction, nor does it cover every possible situation which may arise during installation, operation, maintenance or usage.

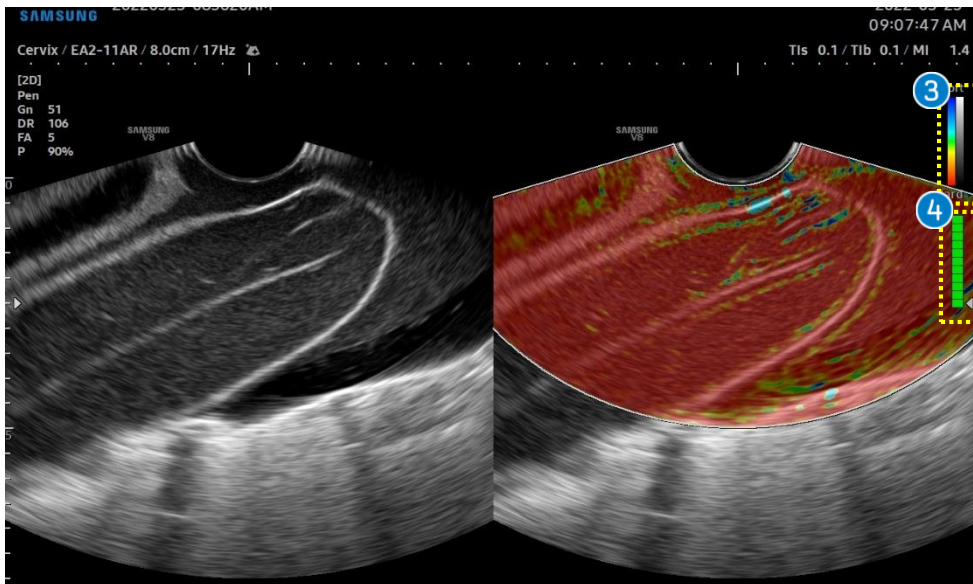
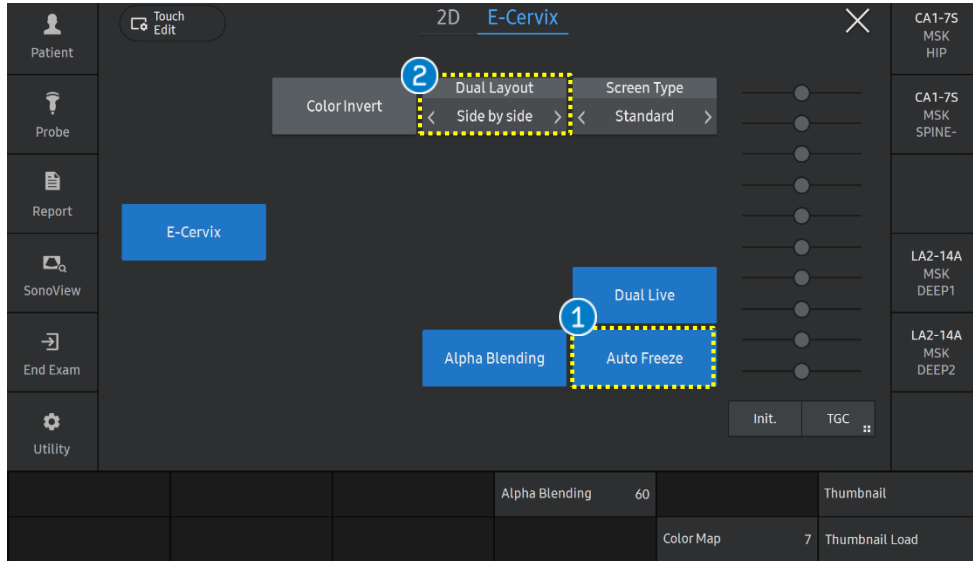
1. Start ElastoScan+



1 Elastoscan+

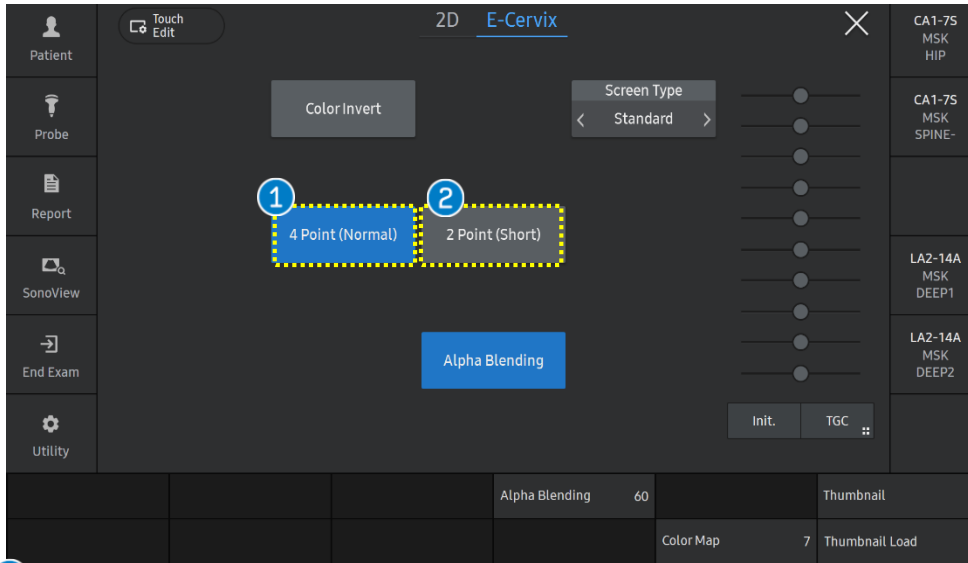
Obtain a longitudinal midline section of the cervix and then select Elastoscan+.

2. Indicators of ElasoScan+



1 Auto Freeze	On	System will automatically freeze when the [Motion Guide Bar] is completely green.
	Off	System will not automatically freeze even when the [Motion Guide Bar] indicates that the acquired data is reliable, which means manual freeze is needed.
2 Dual Layout	Option of display type. Select [Side by side] or [Up/Down].	
3 Color map	Tissue stiffness indication bar. (Blue : Soft / Red : Hard)	
4 Motion Guide Bar	When acquired data is reliable, entire motion guide bar turns from yellow to green.	

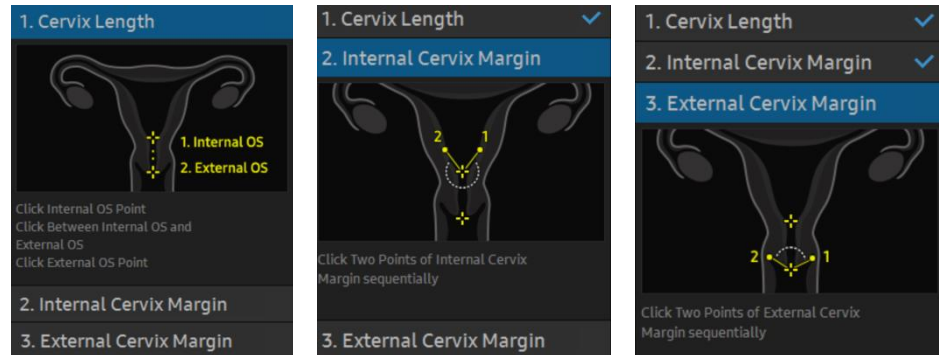
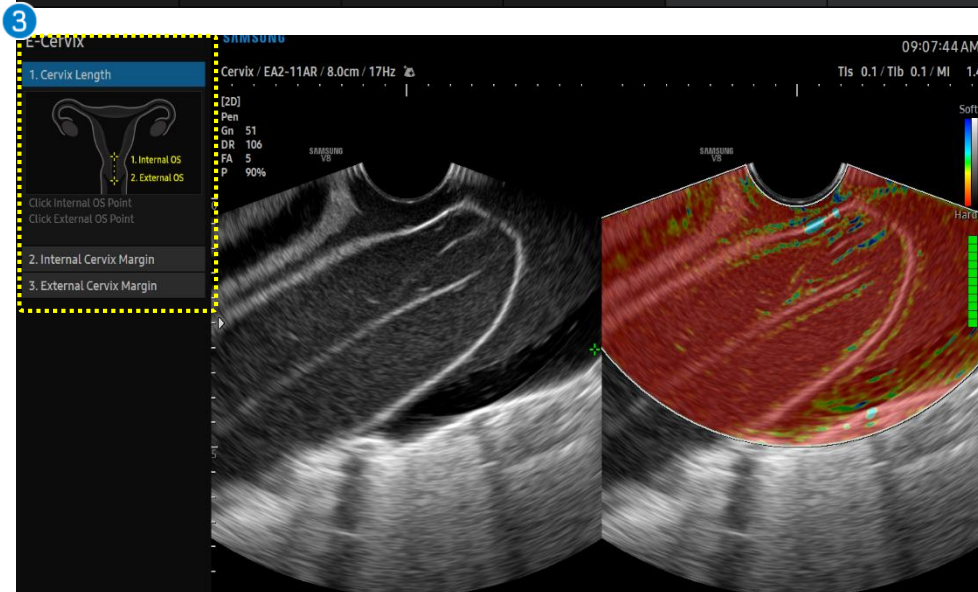
3. Choose a type of ROI option



- 1 **4 Point** Use 4 point type in case of long cervix length.
- 2 **2 Point** Use 2 point type in case of short cervix length.

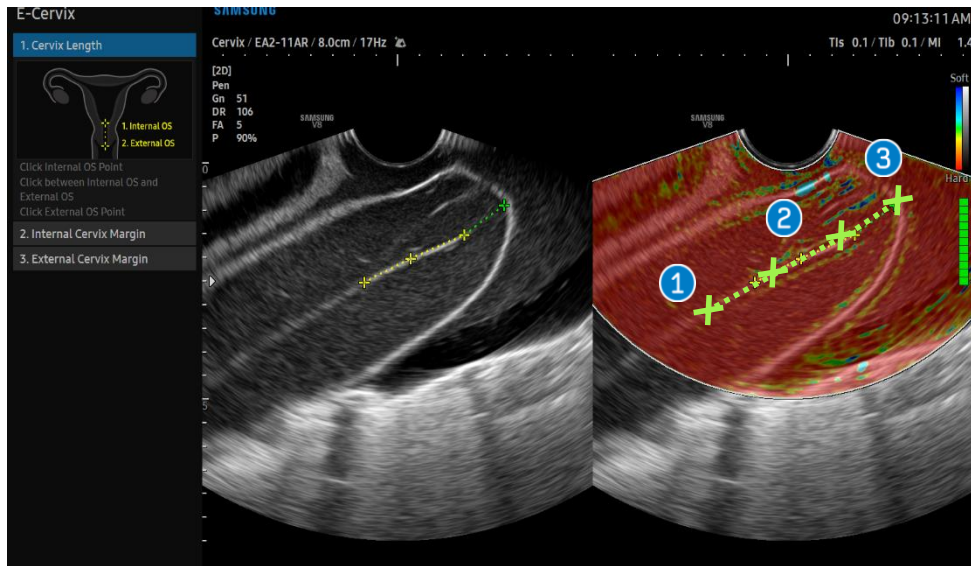
Notes

There are two types of ROI options, [4 Point] and [2 Point]. Select the proper option depending on the patient's cervical length and shape.



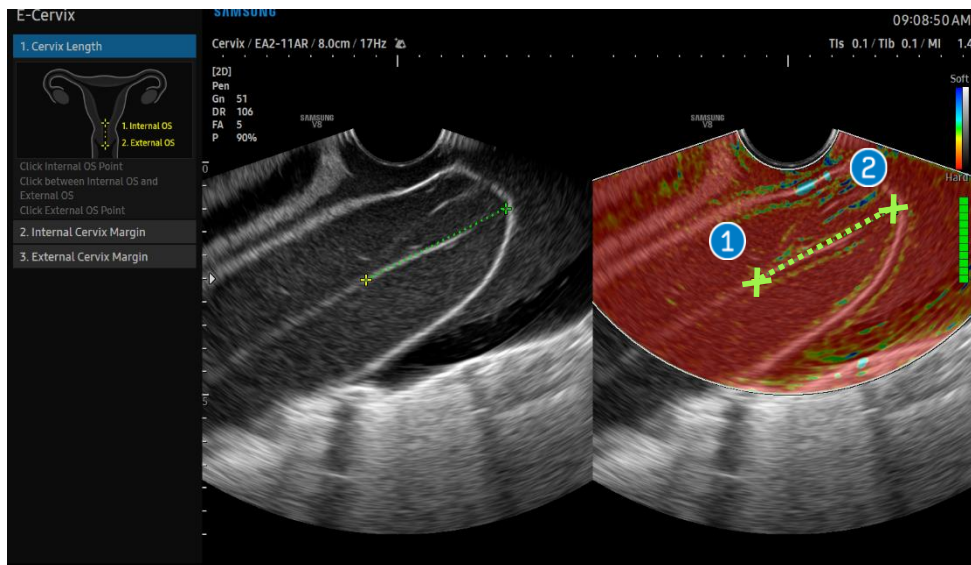
- 3 **E-Cervix Guide** To specify ROI location, follow the steps on the top left.

4. Set IOS and EOS



[4 Point Type]

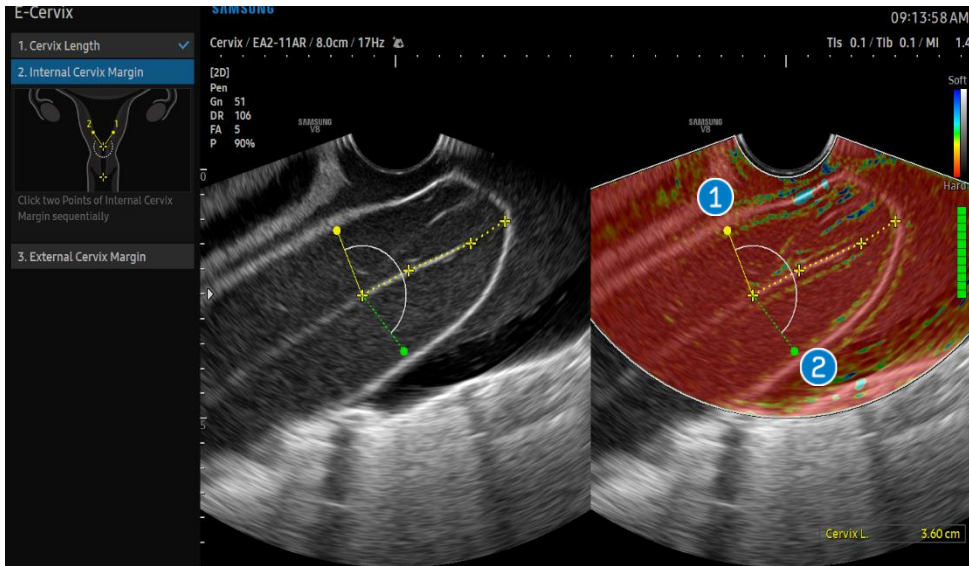
- 1 Click on the Internal OS.
- 2 Click two points between IOS and EOS along the length of the cervical canal.
- 3 Click on the External OS.



[2 Point Type]

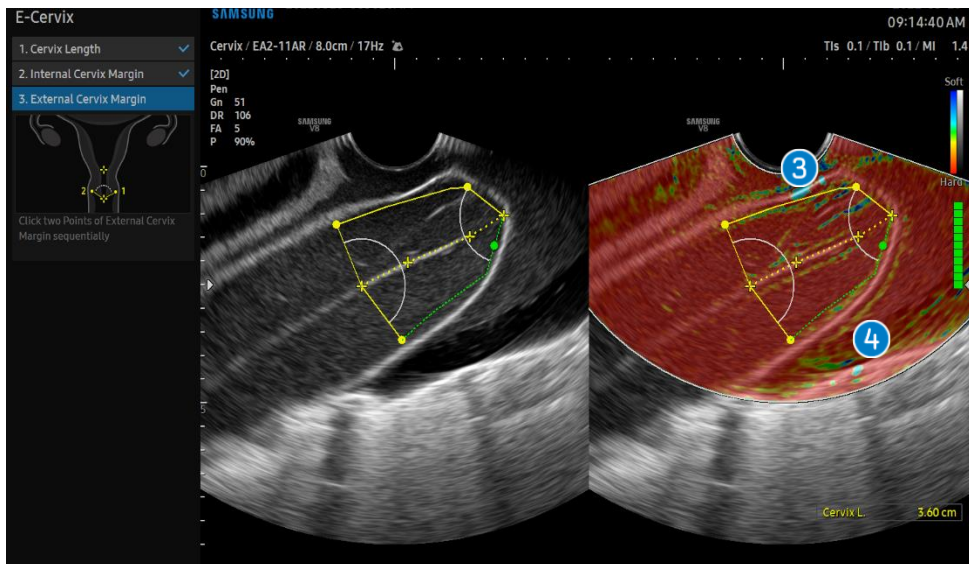
- 1 Click on the Internal OS.
- 2 Click on the External OS.

5. Set margin of Cervix



① Once Internal OS point is assigned, a green line will be activated in the Internal OS area. To specify Internal OS margin, adjust the activated line to fit within the border of the cervix and press [Set] to confirm.

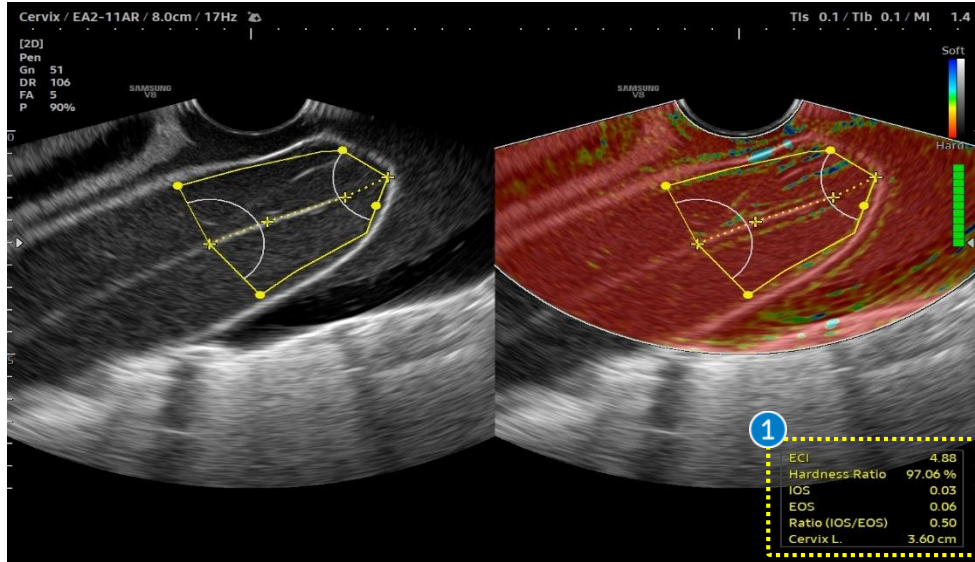
② A new line will appear on the opposite side of the cervix. Adjust the line to fit the border of the cervix and press [Set] to confirm.



③ After defining Internal OS margin, adjust the line from the External OS and press [set].

④ Adjust the opposite line on the other side of external OS margin and press [Set] to confirm.

6. Results of E-Cervix™



① **Result** After all points are placed, a result box will appear at the bottom right.

Notes
After drawing along the cervical line, Cervical Length will be automatically be displayed at the bottom right.

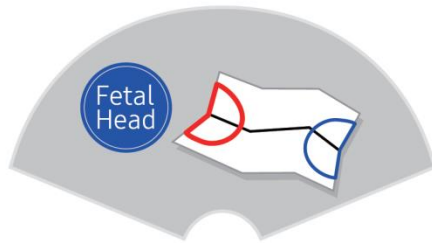
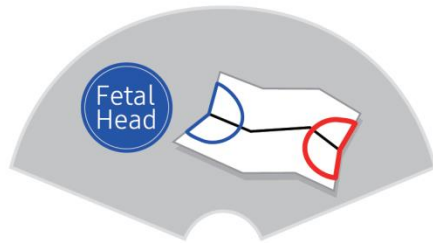
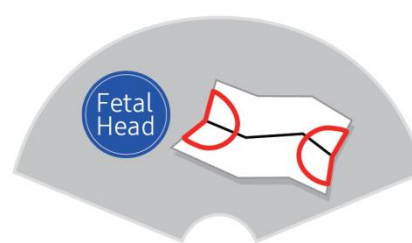
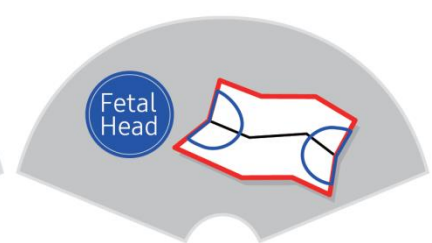
②	ECI	4.88
③	Hardness Ratio	97.06 %
④	IOS	0.03
⑤	EOS	0.06
⑥	Ratio (IOS/EOS)	0.50
	Cervix L.	3.60 cm

[Monitor Screen]

②	ECI	Elasticity Contrast Index.
③	Hardness Ratio	Percentage of area, strain under 0.3. Can evaluate overall cervix stiffness.
④	IOS	Mean strain level (0~ 1) within 1cm from internal OS.
⑤	EOS	Mean strain level (0~ 1) within 1cm from external OS.
⑥	Ratio	Ratio between internal OS and external OS.

7. E-Cervix™ parameters description

Measurement Parameters	Description
IOS ¹ strain mean Level	<ul style="list-style-type: none"> Strain mean level in IOS¹ area Value range: 0 (hard) - 1 (soft)
EOS ² strain mean Level	<ul style="list-style-type: none"> Strain mean level in EOS² area Value range: 0 (hard) – 1 (soft)
Ratio (IOS ¹ /EOS ²)	<ul style="list-style-type: none"> IOS¹ strain level/EOS² strain level
ECI ³	<ul style="list-style-type: none"> ECI³ represents how much heterogeneity or homogeneity is inside the nodule within the ROI box Value range: 0 (homogeneity) – 81 (heterogeneity)
Hardness Ratio	<ul style="list-style-type: none"> 30% hardness area in cervix ROI, value range: 0 (soft) - 100% (hard)

IOS¹EOS²IOS¹/EOS² ratioHardness ratio, ECI³

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- * The features mentioned in this document may not be commercially available in all countries. Due to regulatory reasons, their future availability cannot be guaranteed.
- * This product is a medical device, please read the user manual carefully before use.
- * This document is provided to help you understand the feature.