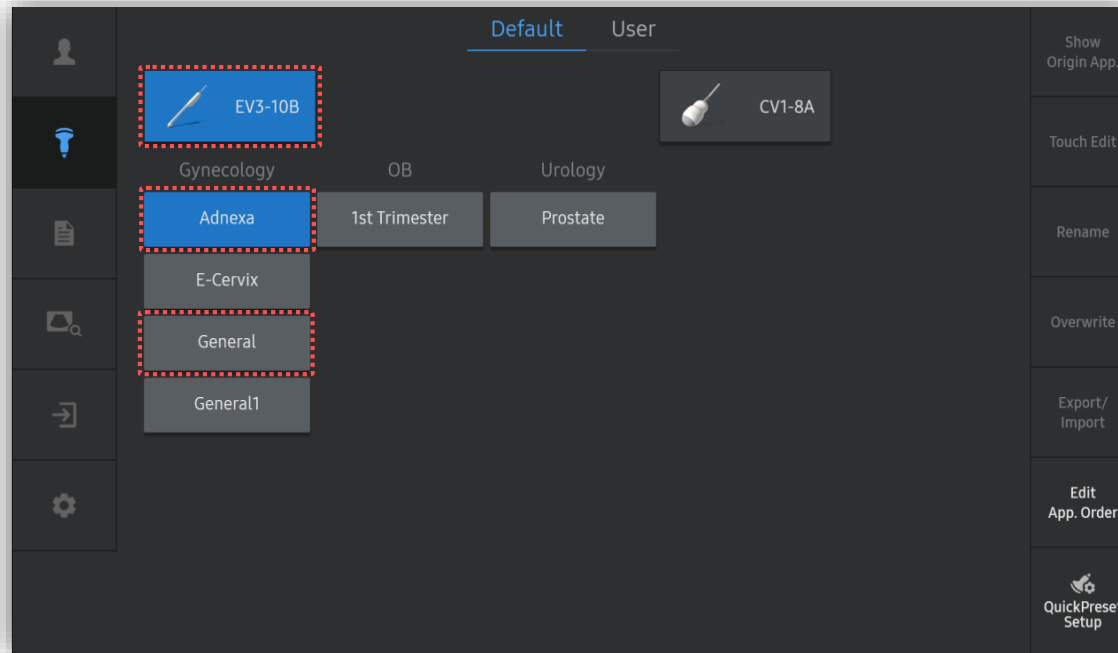


IOTA-ADNEX

HERA W10 Quick Guide



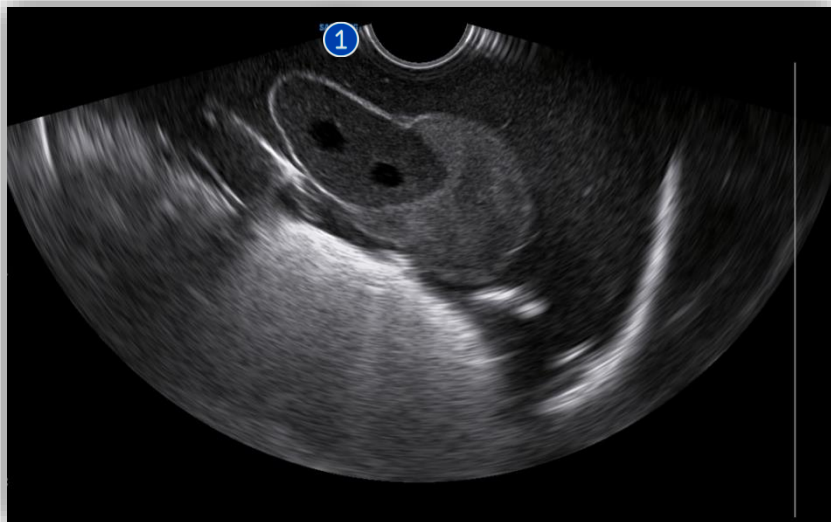
1. Probe and Preset



※ IOTA-ADNEX™ can be operated under the following conditions :

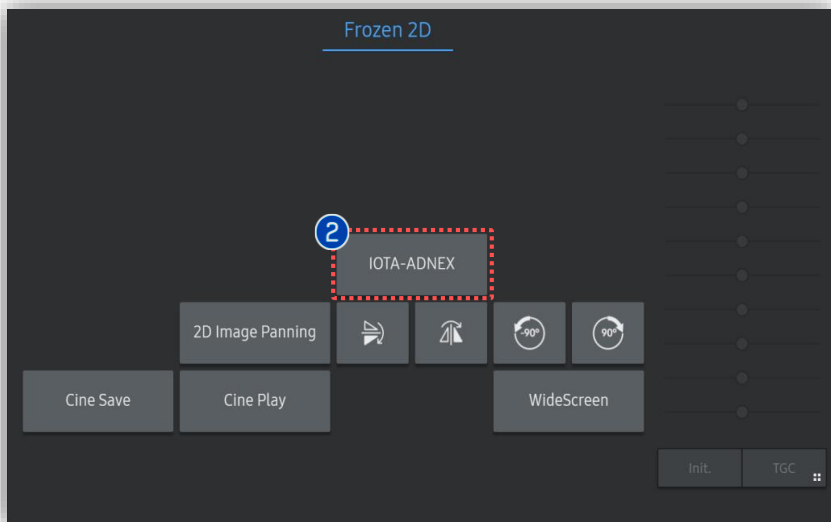
Probe	Application
CA2-9A, CA1-7A CA3-10A, CV1-8A EV3-10B, EV2-10A E3-12A, EA2-11B EA2-11AV/AR, VR5-9	Gynecology (Adnexa, General)

2. Start IOTA-ADNEX



1 Scan

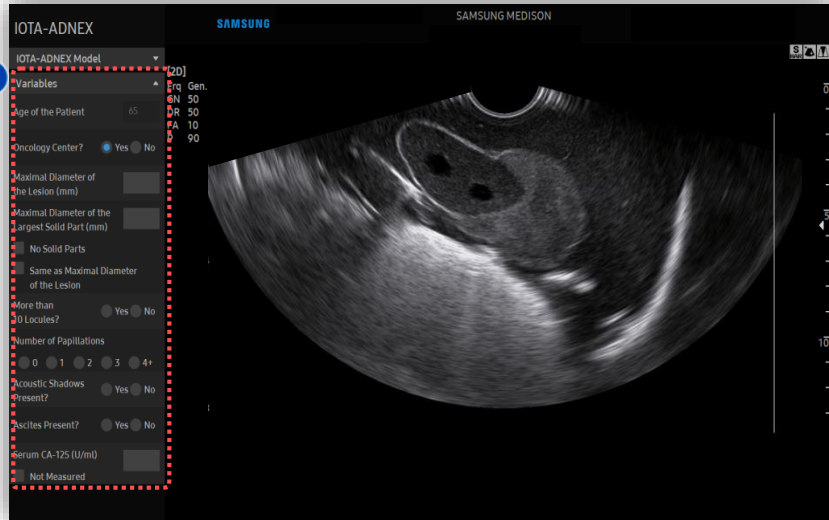
Scan adnexal mass and freeze.



2 IOTA-ADNEX

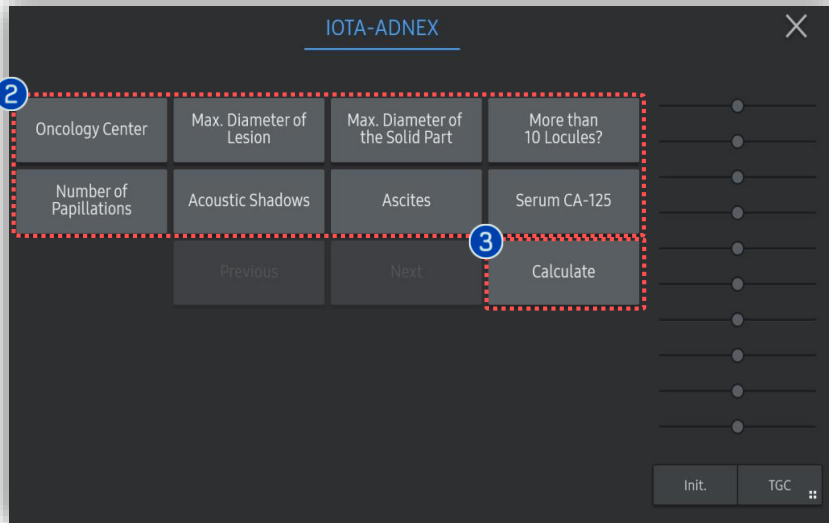
Tap [IOTA-ADNEX] to activate IOTA-ADNEX.

3. Enter 9 Variables



1 Variables Insert or check on all variables on the left column regarding the acquired adnexa nodule.

Clinical Variables (3)	Ultrasound Variables (6)
<ul style="list-style-type: none"> Age Type of Center Serum Ca-125 Level 	<ul style="list-style-type: none"> Maximal Diameter of Lesion Maximal Diameter of the Largest Solid Part More than 10 Cyst Locules Number of Papillations Acoustic Shadows Ascites

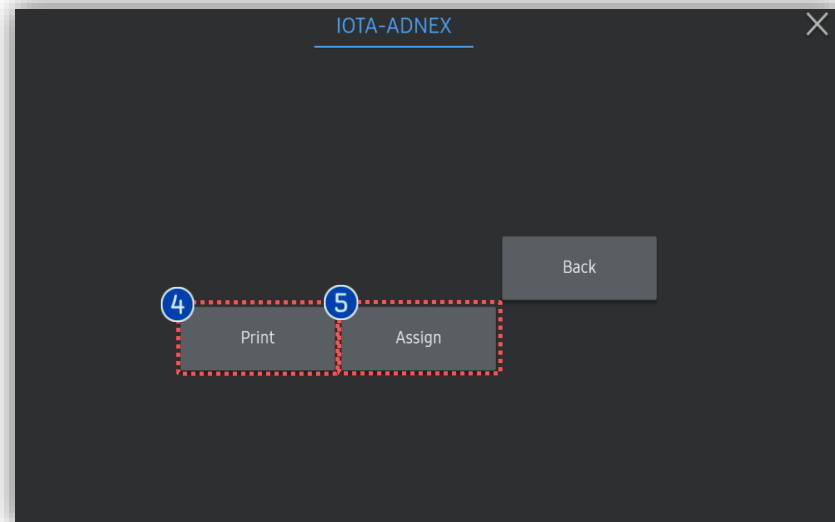


2 Touch Item User is also able to insert the values by tapping on the touch screen buttons.

3 Calculate After inserting all variables, tap [Calculate].

IOTA-ADNEX

4. Result of IOTA-ADNEX



1 Risk Chance	Estimates the probability that the adnexal mass is benign, borderline, stage I cancer, stage II-IV cancer, or secondary metastatic cancer.
2 Alert Statement	Indicates whether the malignant risk is above the cut-off or below (Default is 10).
3 Graph	Available to compare the Baseline Risks with Patient Risk. The resulting graph shows the risk percentage for each category and indicates larger values of relative risks with markers.
4 Print	Tap [Print] to display in print format.
5 Assign	Tap [Assign] to save the result to the report.

IOTA-ADNEX

5. Report of IOTA-ADNEX

Ultrasound Report

Name	ID	2019-08-29-0004	Exam. Date	2019-08-29	
Gender	Female	BirthDate	1986-08-29	Age	33yr 0m

[Gynecology]

Lt. Ovary	Avg.	1	2	3
Length	4.87	cm	4.87	
Height	3.45	cm	3.45	
Area	13.26	cm ²	13.26	

IOTA-ADNEX

Chance of Benign	Risk of Malignancy	Age of Patient	33	yr		
21.2%	78.8%	Oncology Center	Yes			
Risk of	Borderline	25.7%	RR= 4.09	Max. Diameter of Lesion	54	mm
	Stage I	11.7%	RR= 1.57	Max. Diameter of Largest Solid Part	38	mm
	Stage II-IV	34.7%	RR= 2.46	More than 10 Locules?	Yes	
	Metastatic	6.7%	RR= 1.67	Number of Papillations	2	
Risk of malignancy is $\geq 5\%$ (elevated)		Acoustic Shadows Present?	Yes	Ascites Present?	Yes	
This feature is validated by International Ovarian Tumor Analysis (IOTA) group. This feature is a risk calculation providing statistical information (No diagnosis).		Serum CA-125	290	U/ml		

Risk Category	Baseline Risks (%)	Patient Risks (%)
Benign	68.1	21.2
Borderline	6.5	25.7
Stage I	7.5	11.7
Stage II-IV	14.1	34.7
Metastatic	4.0	6.7

[Image]

- 1 - 2019-08-29 02:43 pm

Ultrasound Report

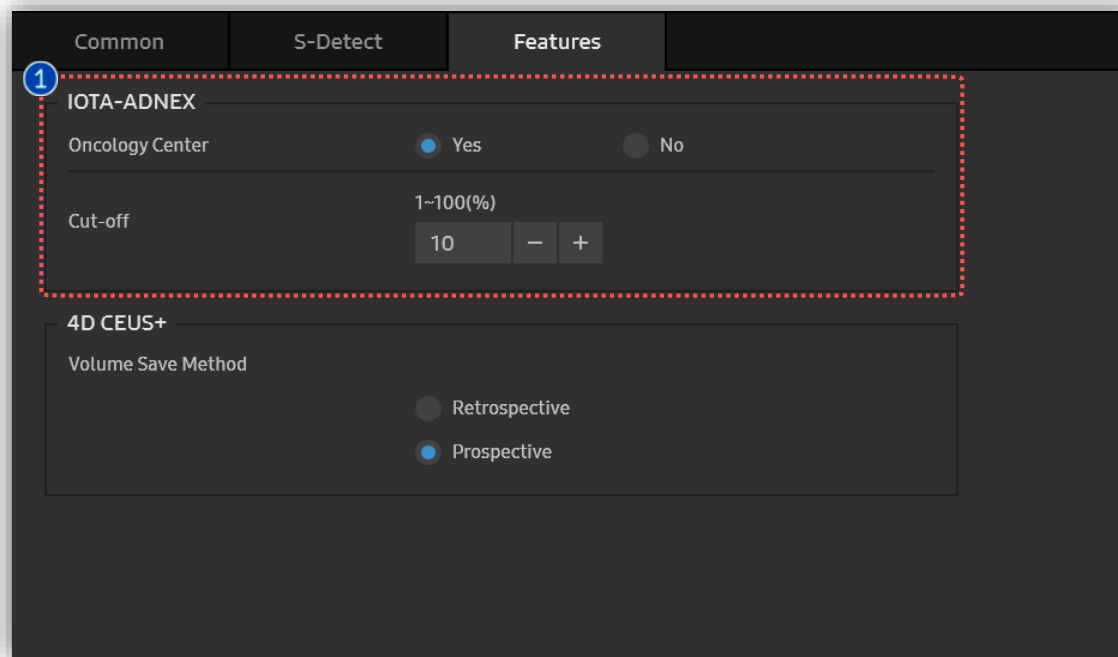
★ Tips

If needed, ultrasound image is available to be attached in the report for better comprehension.

Physician _____
Sonographer _____

- 2 - 2019-08-29 02:43 pm

* Appendix - Setup



Common S-Detect Features

1 IOTA-ADNEX

Oncology Center Yes No

Cut-off 1~100(%)
10 - +

4D CEUS+

Volume Save Method

Retrospective
 Prospective

1 IOTA-ADNEX Setup

- User can assign default status of [Oncology Center] and [Cut-off].
- Default value for [Cut-off] is 10%.
- Setup → Imaging → Features → IOTA-ADNEX

- The features mentioned in this document may not be commercially available in all countries. Due to regulatory reasons, their future availability cannot be guaranteed.
- Do not distribute this internal document to customers unless relevant regulatory and legal affairs officers approve such distribution.
- This product is a medical device, please read the user manual carefully before use.
- This document is provided to help you understand the feature.
- This User Quick Guide is based on HERA W10 V1.03.03d
- Disclaimer: Some Images in this content were obtained from other system.

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