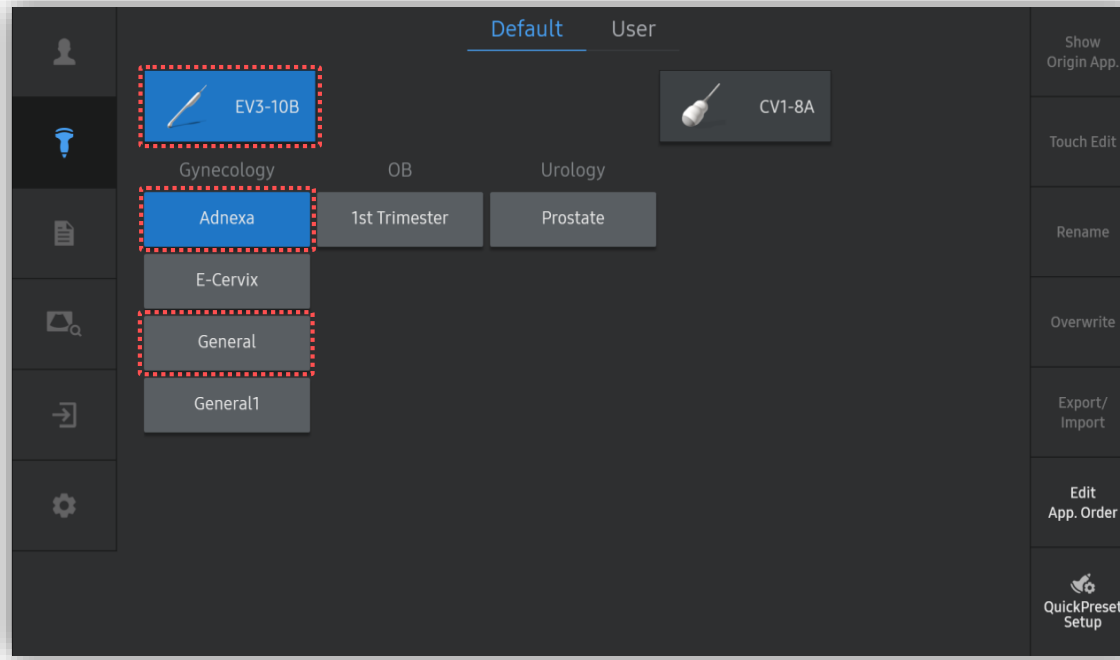


# IOTA-ADNEX

## HERA W10 Quick Guide



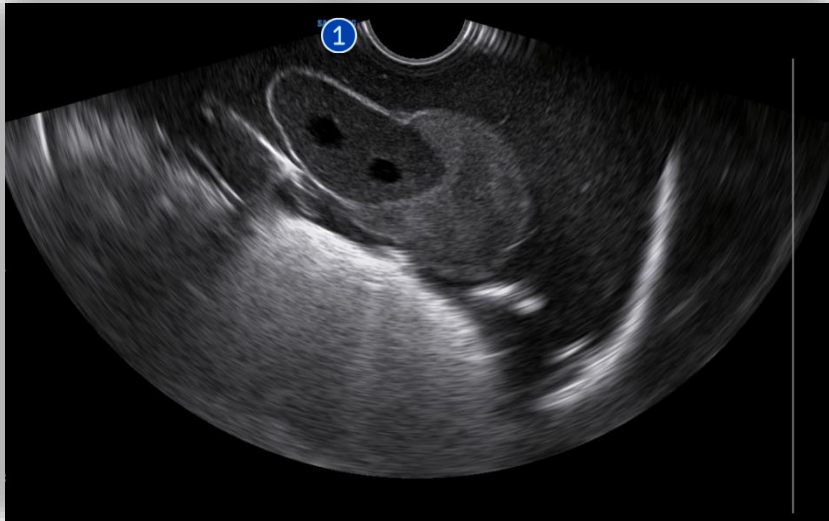
# 1. Probe and Preset



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

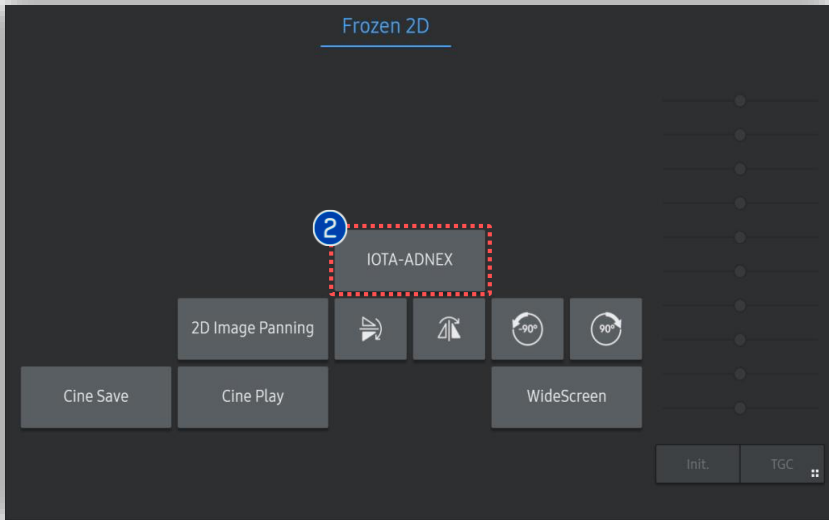
Probe	Application
CA2-9A, CA1-7A CA3-10A, CV1-8A EV3-10B, EV2-10A E3-12A, EA2-11B EA2-11AV/AR, VR5-9	Gynecology (Adnexa, General)

## 2. Start IOTA-ADNEX



1 Scan

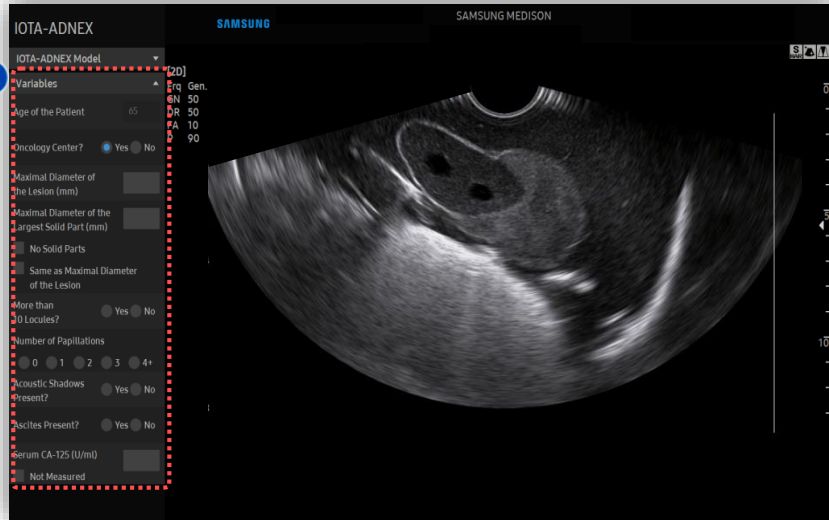
Scan adnexal mass and freeze.



2 IOTA-ADNEX

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

# 3. Enter 9 Variables



## 1 Variables

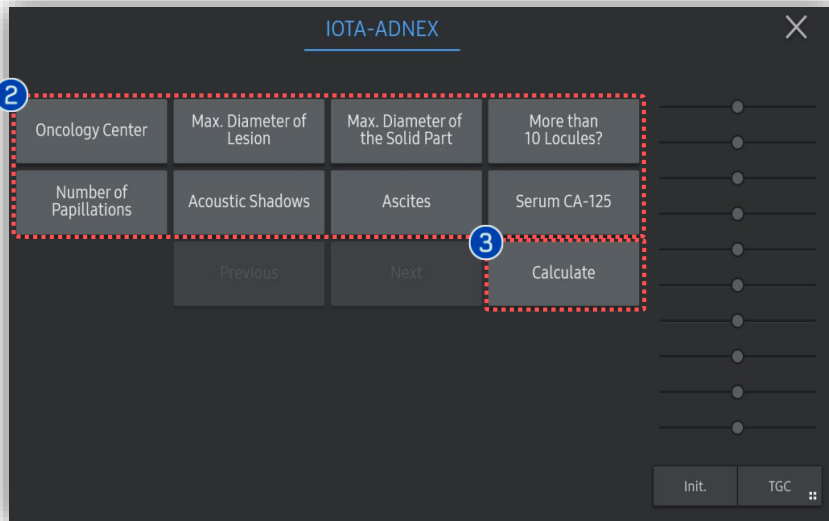
Insert or check on all variables on the left column regarding the acquired adnexa nodule.

### Clinical Variables (3)

- Age
- Type of Center
- Serum Ca-125 Level

### Ultrasound Variables (6)

- Maximal Diameter of Lesion
- Maximal Diameter of the Largest Solid Part
- More than 10 Cyst Locules
- Number of Papillations
- Acoustic Shadows
- Ascites



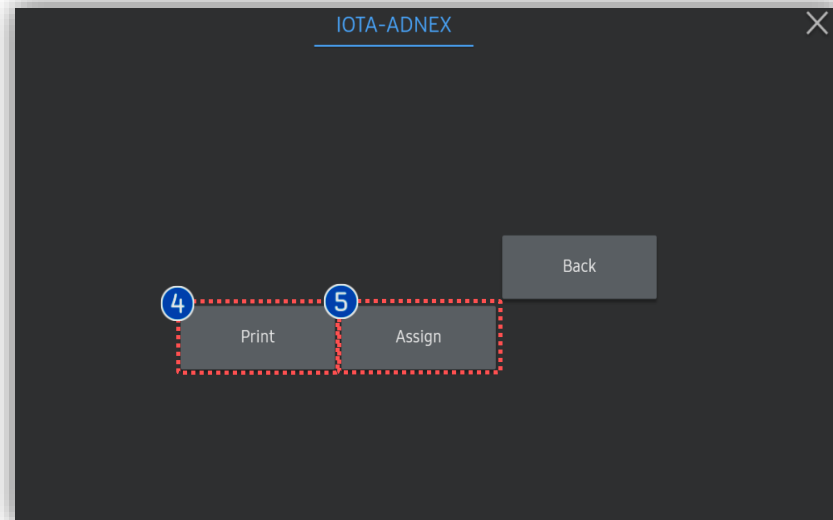
## 2 Touch Item

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

## 3 Calculate

After inserting all variables, tap [Calculate].

# 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.

# 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 <sup>2</sup>	13.26	

IOTA-ADNEX

<b>Chance of Benign</b>	<b>Risk of Malignancy</b>	Age of Patient	33	yr		
<b>21.2%</b>	<b>78.8%</b>	Oncology Center	Yes			
<b>Risk of</b>	<b>Borderline</b>	25.7%	RR= 4.09	Max. Diameter of Lesion	54	mm
	<b>Stage I</b>	11.7%	RR= 1.57	Max. Diameter of Largest Solid Part	38	mm
	<b>Stage II-IV</b>	34.7%	RR= 2.46	More than 10 Locules?	Yes	
	<b>Metastatic</b>	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		

[ 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

The screenshot shows the 'Features' tab of the IOTA-ADNEX setup screen. A red dashed box highlights the 'IOTA-ADNEX' section, which contains the following settings:

- Oncology Center:** Radio button set to 'Yes'.
- Cut-off:** A numeric input field set to '10', with a range of '1-100(%)' and minus/plus buttons.

Below the highlighted section, the '4D CEUS+' section shows the 'Volume Save Method' set to '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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