

VINNO G65
Designed For High Expectations



VINNO
VINNO Technology (Suzhou) Co., Ltd.
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VINNO reserves the rights to revise the technical specifications if needed.

DESIGNED FOR HIGH EXPECTATIONS

VINNO G65 has been designed for high expectations to deliver superior image quality in an affordable premium series. In order to achieve this goal, we provide all users the ideal model that inherits sophisticated image processing technologies and smart solution design from the iEcoad platform, which will deliver exquisite image quality, advanced intellectual tools (AI) and efficient workflow for a wide range of applications.




EXQUISITE IMAGE QUALITY

Excellent penetration
Featuring high performance hardware architecture, G65 delivers the extraordinary image quality with great clarity, superior consistency and excellent penetration.

Superior resolution
Up to 25MHz high resolution system capability, adding more than 30% of sideband frequencies to improve resolution and sensitivity for better diagnosis.

Sophisticated blood flow sensitivity
The increased color Doppler processing helps to provide more diagnostic confidence with improved blood flow detection and enhanced color performance.

VLuminous Flow
An innovative color flow technology which enhances blood flow visualization and provide an impression of 3D-like flow display.




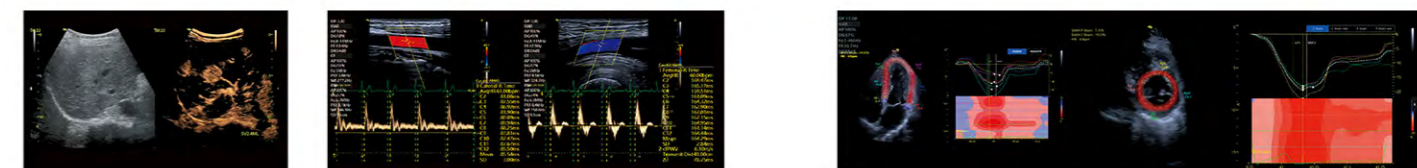

ADVANCED FEATURES

Shear wave Elastography (VShear)
A non-invasive method to detect the velocity of the shear waves propagated through the targeted area and provide quantitative tissue characteristic information.

Contrast imaging
The ultrasound contrast agent resonates for the low pressure (LVI) ultrasound, thereby enhancing the micro-vascular signal with superior spatial resolution. The observed tissue perfusion and its enhancement characteristics are useful in quantitative lesion differentiation.

Automatic Measurement of Arterial Stiffness (AMAS)
AMAS, an automatic tool for cf Pulse Wave Velocity calculation, which is an effective indicator for evaluating arterial stiffness and assessment of early atherosclerosis.

Strain imaging
Strain imaging describes as strain curve the underlying myocardial region abnormality, either in the same or various images, which can better reflect the strength of local myocardial deformation during systole and diastole, thus reflecting the motion abnormality during the cardiac cycle.

ADVANCED FEATURES

Hysterosalpingography (HSG)
Ultrasound 3D imaging combined with microbubble contrast technology (MBC), providing structure visualization of fallopian tubes in three dimensional imaging.

Free view
Free view obtains any plane from a 3D or 4D volume by simply drawing a line or curve through a structure. This technology enables views of even irregular shaped structures not attainable in 2D imaging.

HQ Silhouette
3D/4D Silhouette provides a unique transparent volume image for a more comprehensive internal and external view of the anatomy, thereby enabling intuitive diagnosis with real time 3D images and enriching patient communication.

STIC
The high resolution acquisition of fetal cardiac volume data, helps to detect morphological anomalies by displaying multiple slices of multiple planes.




VAid (VINNO Artificial Intelligent Detection)
VAid is an AI powered, innovative tool for detecting breast lesions based on the BI-RADS category. On one touch with VAid, it can automatically define the lesion boundaries and show the complete analysis results of the lesions, also the results can be entered in the report page.

INTELLIGENT SOLUTIONS (AI)

VAim Follicle
An advanced tool for follicle calculation, which can automatically identify follicles on a given 2D image, draw its boundary with different colors and measures its volume for a rapid assessment, dedicated for women's reproductive healthcare.

VAim Hip
Automatically mark the α and β angle and provide Graf International Classification, which is an effective solution for observing the development of neonatal hip joints.




INTELLIGENT SOLUTIONS (AI)

VAim OB
Artificial intelligent technologies for fetal biometric measurement and growth analysis, user can activate the measurement items (BPD, OFD, HC, AC, FL, HL) and get the results with one simple touch, which is dedicated to simplify the obstetric ultrasound examinations and improve measurement accuracy.

VAim Ant. Pelvic and VAim Levator Ani
An artificial intelligent technology for pelvic measurement, VAim Levator Ani and Ant Pelvic, providing pelvic measurement results with one touch, which enable users to assess pelvic structure for postpartum women in an easy and accurate way.




SEAMLESS WORKFLOW

Background transfer
Archive supports background export without interrupting the actual scan.

Finger-draw comments
Support to use finger to draw comment in free style, which is very helpful for remote diagnosis or online training.

VReport
As a custom-centric tool, VReport allows users to define and import the report template, and then the system will auto generate related measurement items based on the imported template, which can greatly improve the work efficiency.




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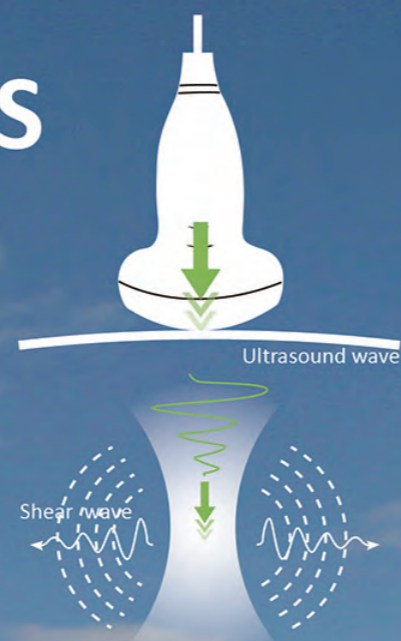
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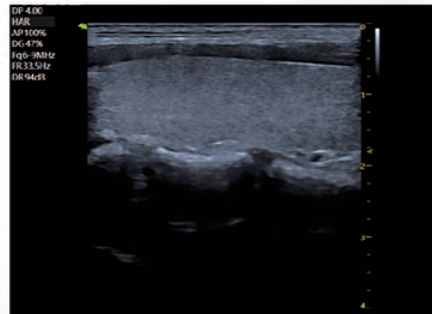
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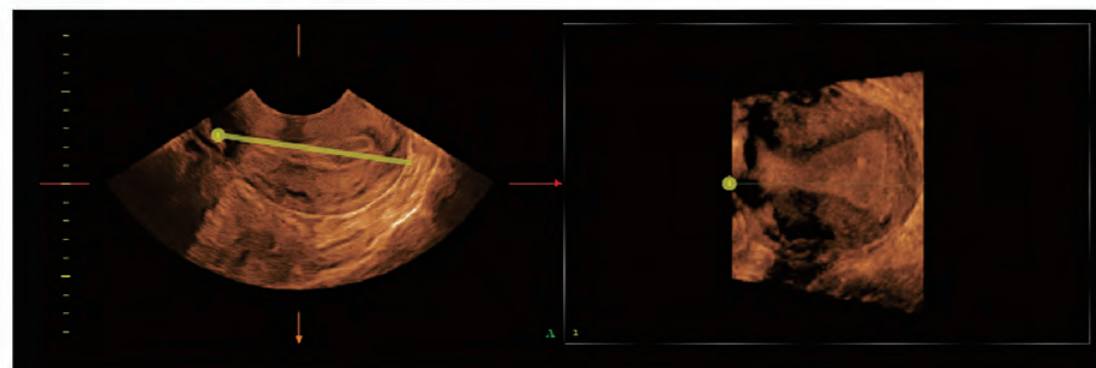


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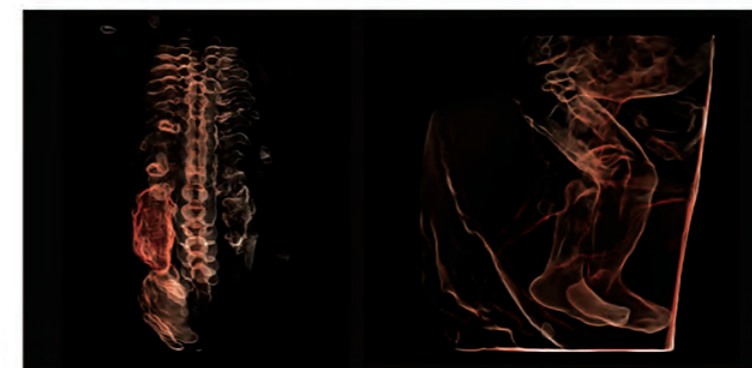
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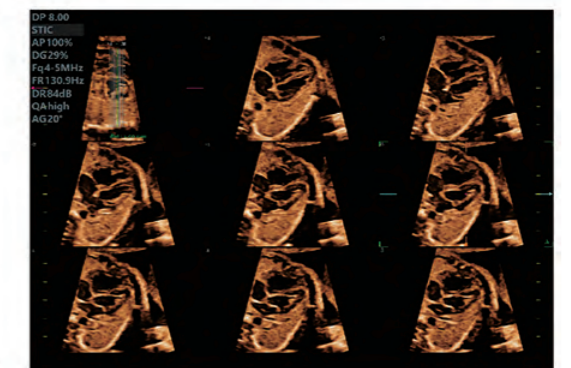
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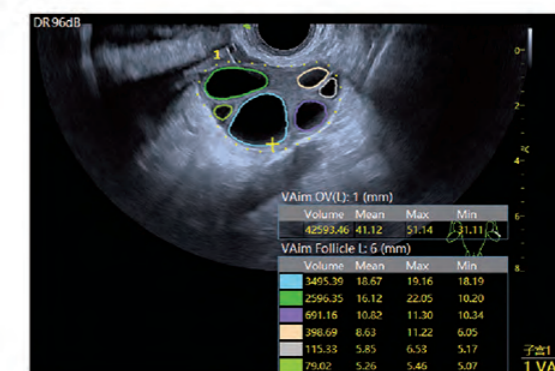
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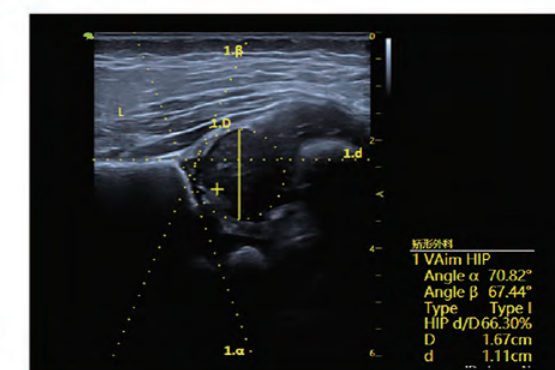
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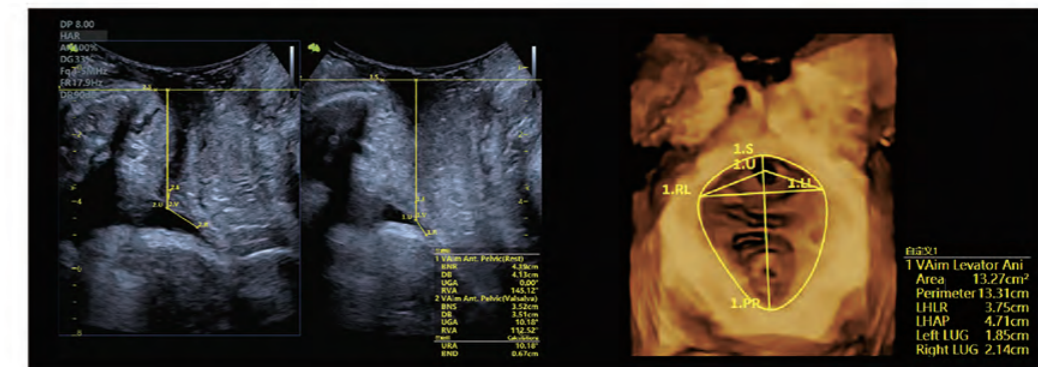
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VAim Ant. Pelvic in 2D

VAim Levator Ani in 3D



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VINNO HOSPITAL BREAST ULTRASOUND REPORT					
NAME	VR BREAST	GENDER	Female	AGE	50y
PATIENT ID	20200919001	EXAM DATE	19-09-2020	REF DR	
CLINICAL HISTORY (Palpable lump)					
BREAST LESION					
Lesion 1 (R)	Length	3.01cm	Width	2.94cm	Height
				2.39cm	Dist. to Nipple
					1.75cm
BREAST LESION DESCRIPTION					
Lesion 1 (R)	Location (° clock)	Location region	anterior	Shape	oval
Margin	circumscribed	Orientation	parallel	Echo-pattern	hypoechoic
Posterior Echo	no features	calcification	no calcification	Associate info	vascularity no
Additional info		US BI-RADS	BI-RADS 1	US Elastography	2.45
LYMPH NODE					
Lymph Node1 (R)	Length	1.87cm	Width	1.22cm	Height
				2.58cm	Cort. Thick
					1.72cm
RIGHT BREAST			LEFT BREAST		