VINNO G65

Designed For High Expectations

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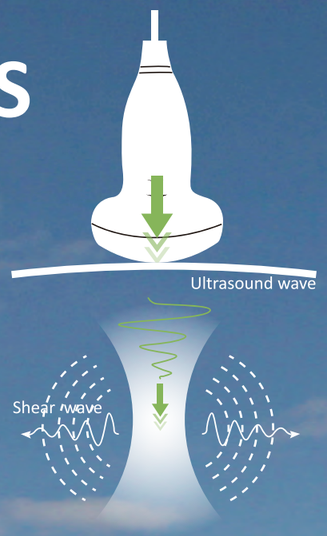
DESIGNED FOR HIGH EXPECTATIONS

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 VLucid platform, which will deliver exquisite image quality, advanced intellectual tools (AI) and efficient workflow for a wide range of applications.



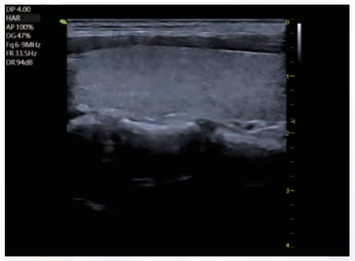
EXQUISITE IMAGE QUALITY

Excellent penetration

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

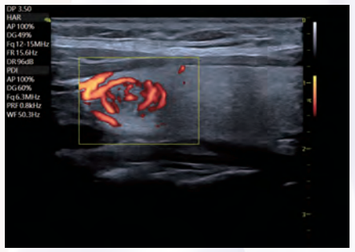
Superior resolution

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



Sophisticated blood flow sensitivity

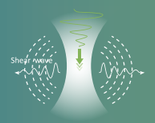
The increased color Doppler processing helps to provide more diagnostic confidence with improved blood flow detection and enhanced color performance



VLuminous Flow

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

ADVANCED FEATURES

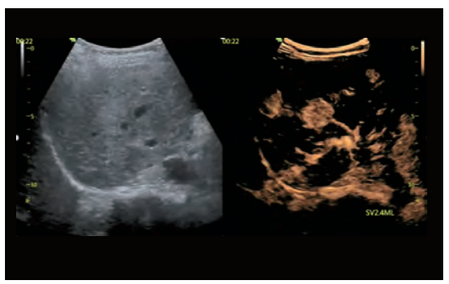


Shear wave Elastography (VShear)

A non-invasive method to detect the velocity of the shear-waves propagated through the targeted area and provide quantitative tissue characteristic information

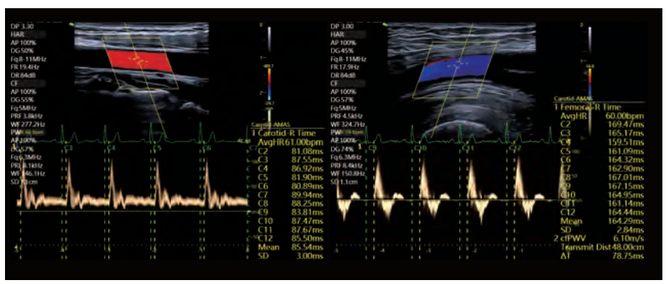
Contrast imaging

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



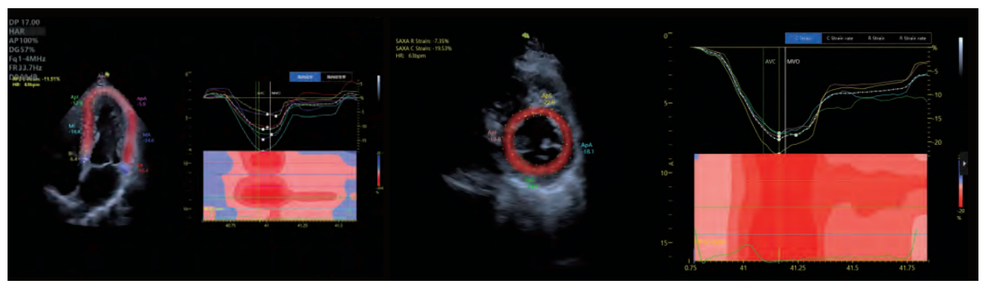
Automatic Measurement of Arterial Stiffness (AMAS)

AMAS, an automatic tool for cf Pulse Wave Velocity calculation, which is an effective indicator for evaluating arterial stiffness and assessment of early arteriosclerosis



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



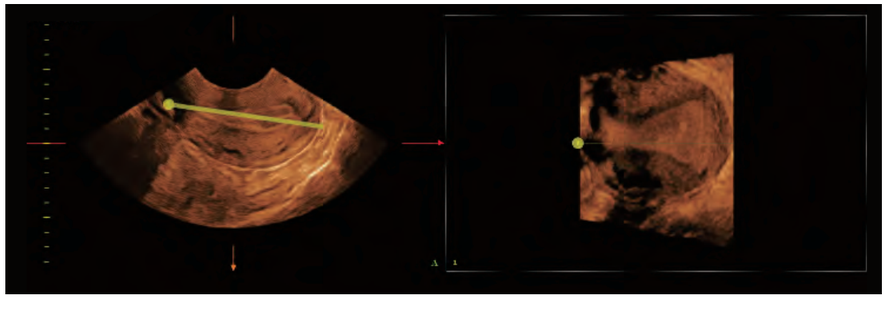
ADVANCED FEATURES

Hysterosalpingography (HSG)

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

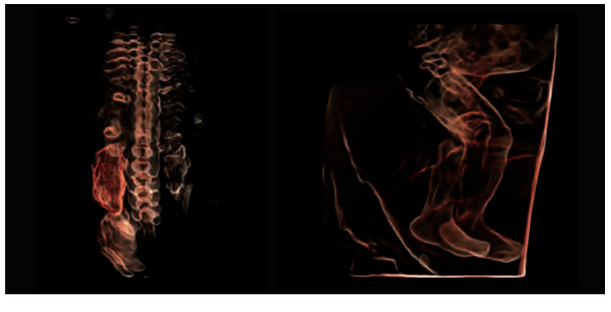
Free view

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



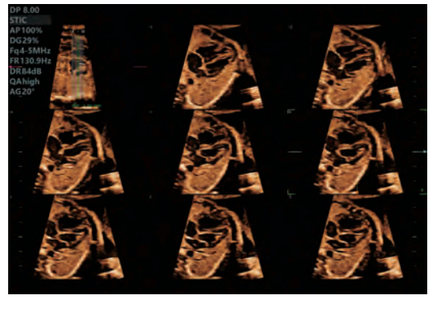
HQ Silhouette

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 anomolies by displaying multiple slices of multiple planes.



VAid (VINNO Artificial Intelligent Detection)

VAid is an AI powered, innovative tool in detecting breast lesions based on the BI_RADS category. Only 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 inserted in the report page

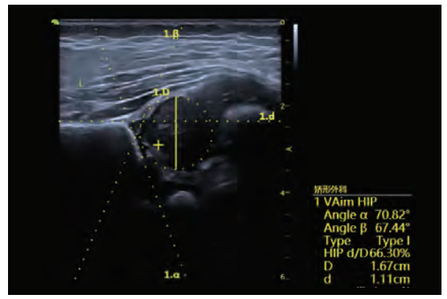
INTELLIGENT SOLUTIONS (AI)

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



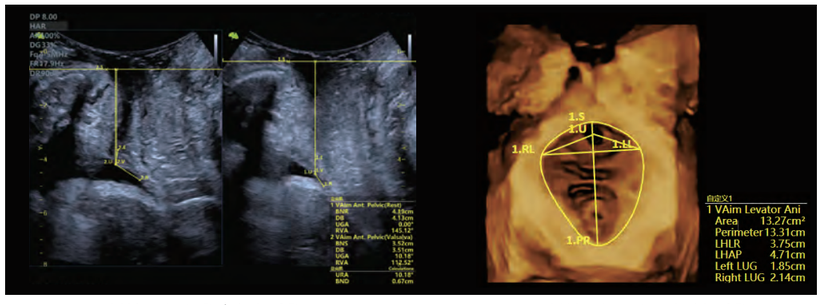
INTELLIGENT SOLUTIONS (AI)

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.



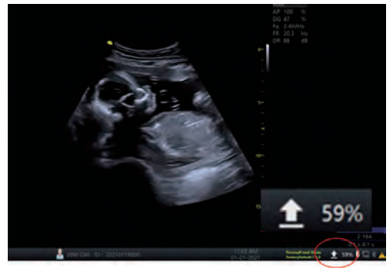
VAim Ant. Pelvic in 2D

VAim Levator Ani in 3D

SEAMLESS WORKFLOW

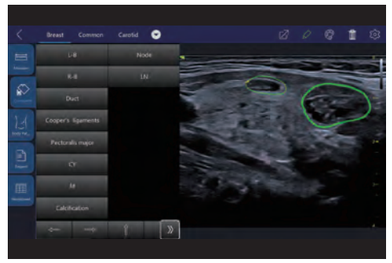
Background transfer

Archive supports background export without interrupting the actual scan



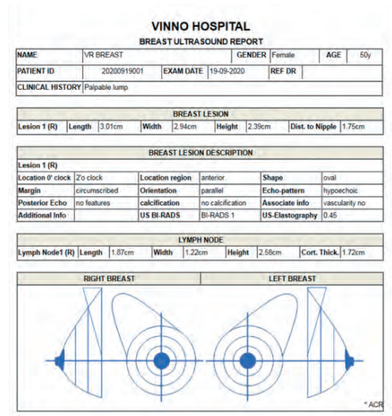
Finger-draw comments

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



VReport

As a customer-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



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 0' clock	2'o 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	0.45

LYMPH NODE							
Lymph Node1 (R)	Length	1.87cm	Width	1.22cm	Height	2.58cm	Cort. Thick. 1.72cm

RIGHT BREAST | LEFT BREAST

* ACR