TRIVITRON
HEALTHCARE
speaking your language

SonoRad V60

Smart & Versatile Color Doppler

MAKE IN INDIA

Introducing

SonoRad V60

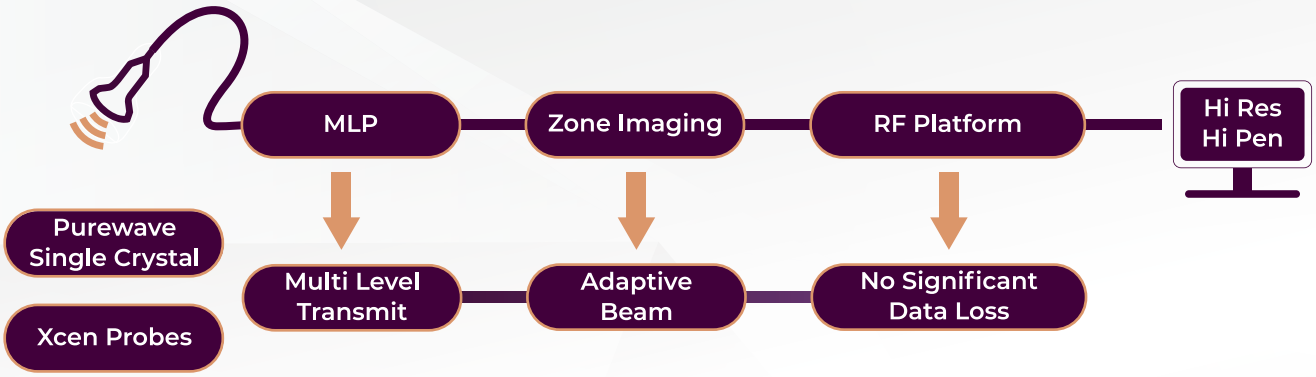
Sonorad V60 is powered to deliver superior image quality and also dedicated to improve diagnostic confidence, while delivering easy-to-use system operation during routine scanning with wide range of clinical application.

- Exquisite Image Quality
- Advanced Features
- Intelligent Solutions
- Efficient Workflow

Sonorad V60

VLucid Platform

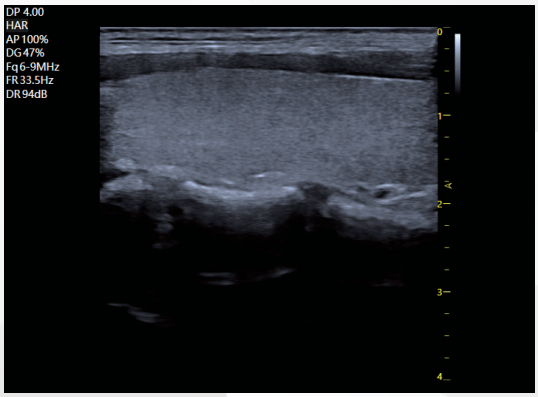
The Sonorad V60 integrates the new adaptive beam correction technology with high-performance hardware architecture, increasing the useful image information, providing excellent penetration and good signal to noise ratio.



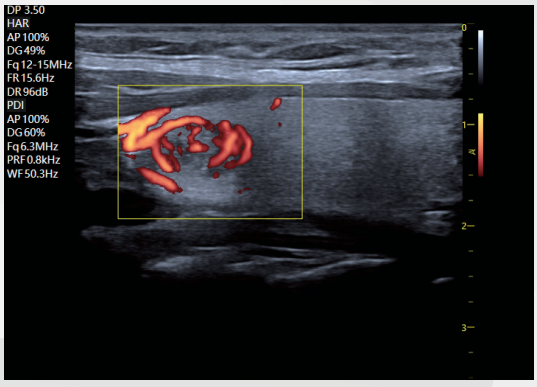
Exquisite Image Quality

Excellent penetration

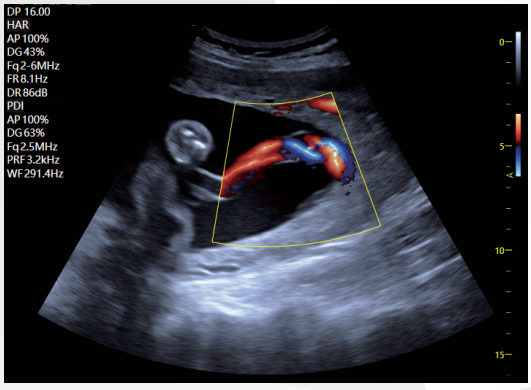
Superior Resolution



Sophisticated blood flow sensitivity



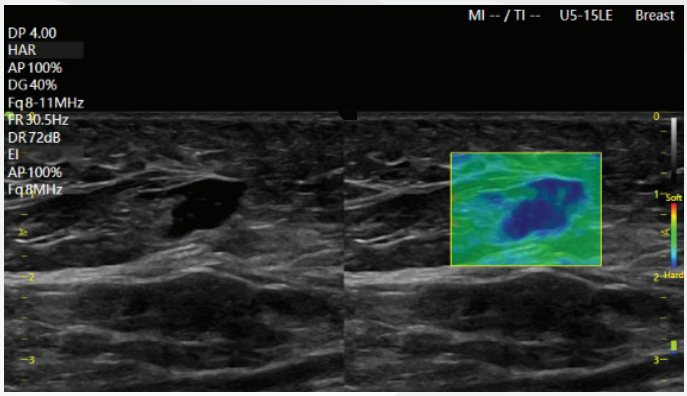
VLuminous Flow



*Advanced features**

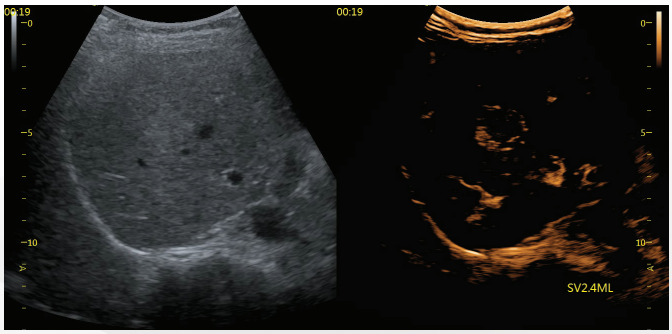
Elastography Imaging

Elastography is an imaging technique to measure the stiffness of tissues Images are acquired before and after soft compression of tissues and the displacement is evaluated to indicate the strain and strain ratio.



Contrast Imaging

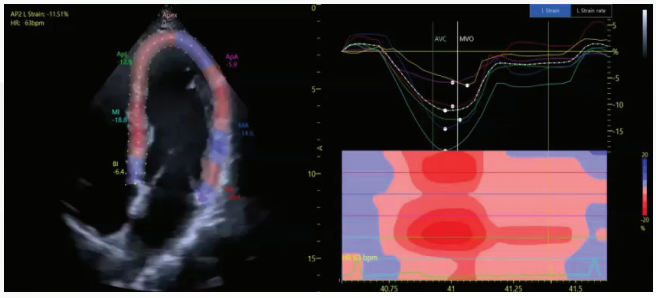
The ultrasound contrast agent resonates for the low pressure (MI) ultrasound, thereby enhances the micro-vascular signal with superior spatial resolution. The observed tissue perfusion and its enhancement characteristics are useful in qualitative lesion differentiation.



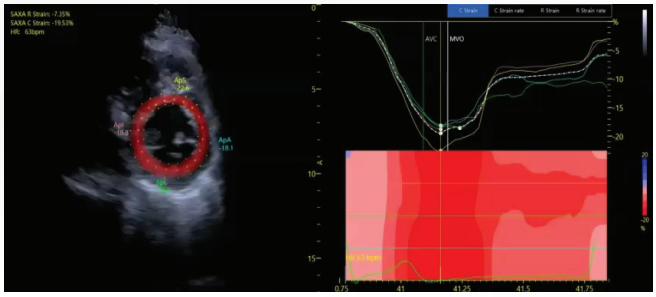
Note: '*' Optional

Strain Imaging

Strain imaging describes the strain curve to underline any myocardial regions either in the same or various images, which can differentiate between active and passive movement of myocardial segments, to quantify intraventricular dys-synchrony and to evaluate components of myocardial function.



longitudinal

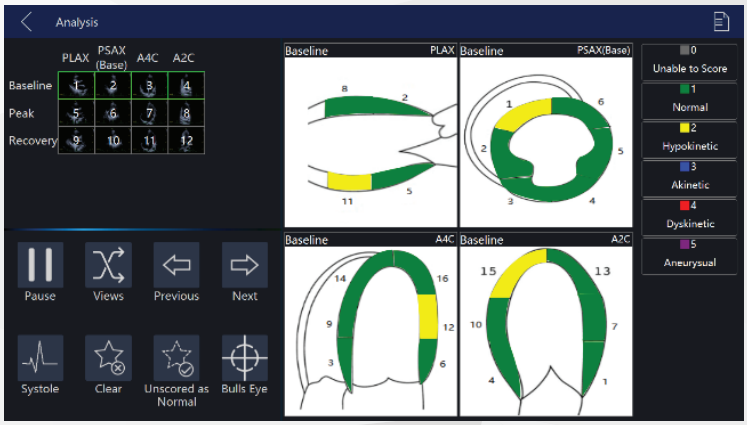


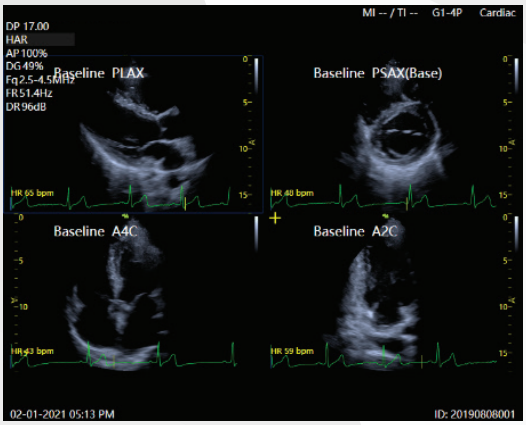
circumferential

Stress Echo

Stress Echocardiography is a dynamic evaluation of myocardial structures and its function under an induced stress of the heart

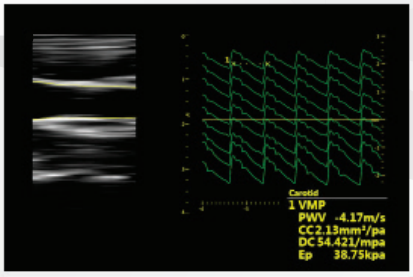
- 12 templates (max 8 stages * 6 views)
- User programmable views and stages



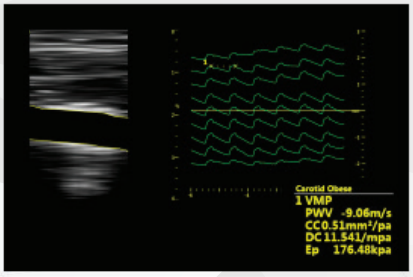


PWV (Pulse Wave Velocity)

PWV, early assessment of vascular anomalies and quantitative analysis of vascular elasticity (versa stiffness), a screening method for Atherosclerosis



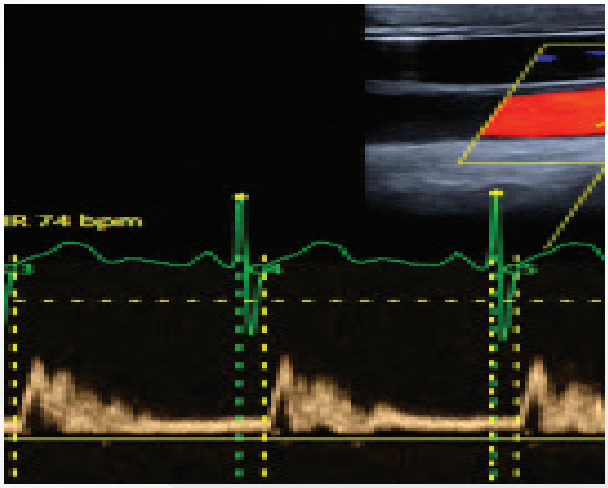
Real-time, multi-point RF tracking of the Carotid artery intima media complex and the resulting waveform to calculate PWV. [~25yrs ~70kg, Asian male]



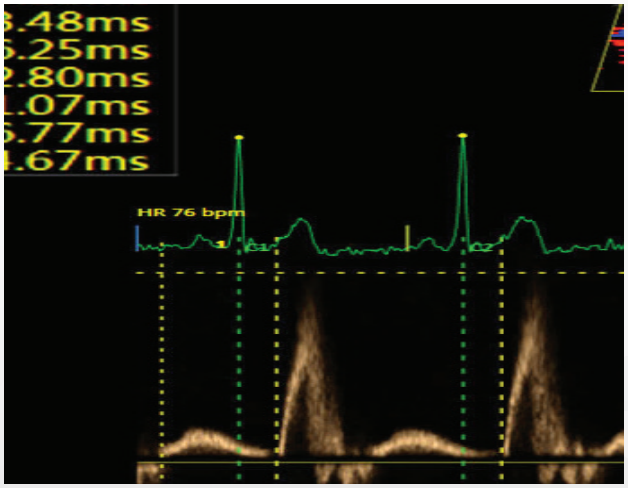
Real-time, multi-point RF tracking of the Carotid artery intima media complex and the resulting waveform to calculate PWV. [~50yrs ~125kg, Asian male]

AMAS (Automatical Measurement of Arterial Stiffness)

AMAS auto-calculates the time between the ECG R-wave and the onset of corresponding PW Doppler Spektrum of Carotid and Femoral artery. Type the distance between Carotid and Femoral artery to automatically calculate cf Pulse Wave Velocity.



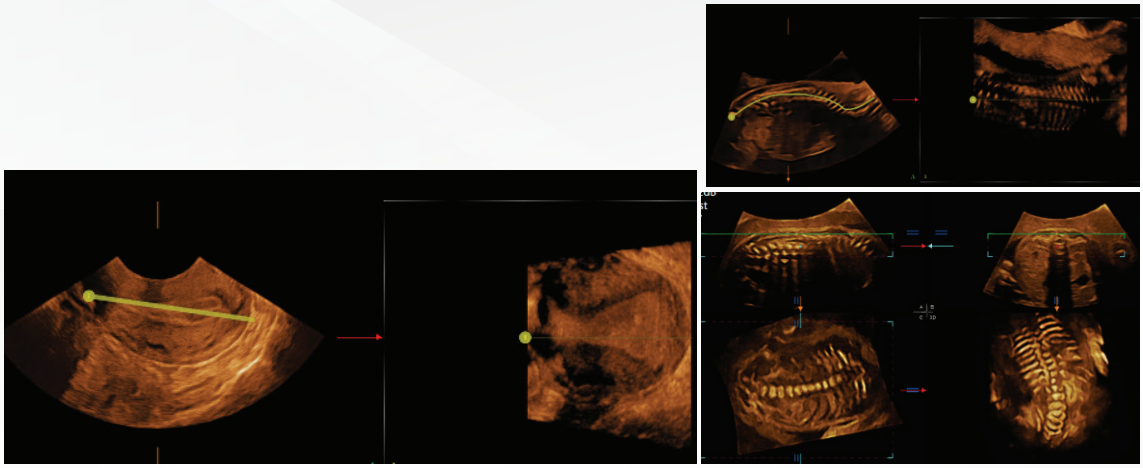
Carotid artery



Femoral artery

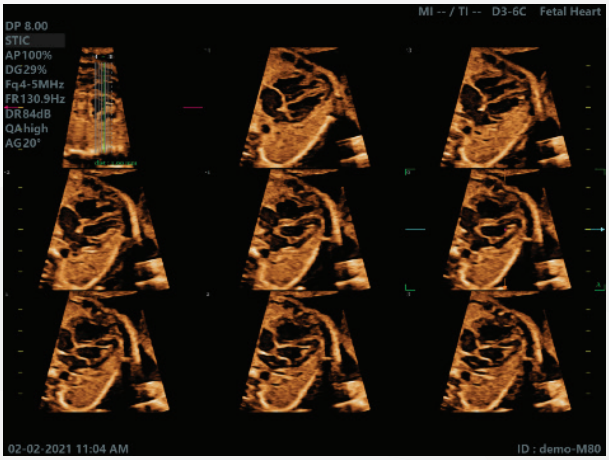
Free View

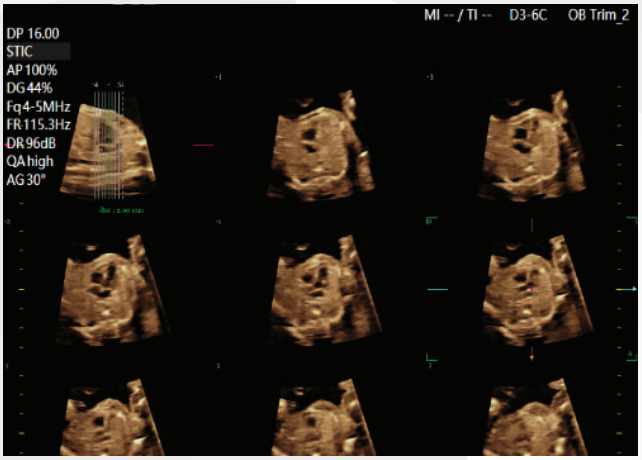
This powerful tool reconstructs an image plane, of a freely drawn line/curve(up to 3) out of the volume data, that cannot be captured in 2D imaging.



STIC (Spatio Temporal Image Correlation)

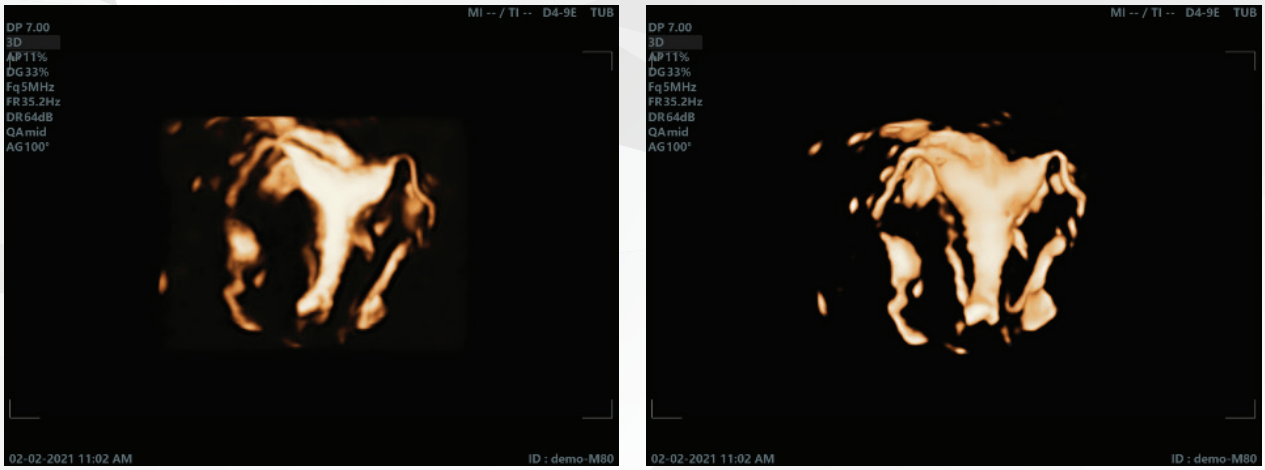
The three-dimensional real-time display allows the user to visualize the internal structure of the fetal heart.





3D HSG (Hysterosalpingography)

Contrast agent injection into the fallopian tubes in 3D imaging will show any occlusion which prevents follicles move from ovaries to uterus



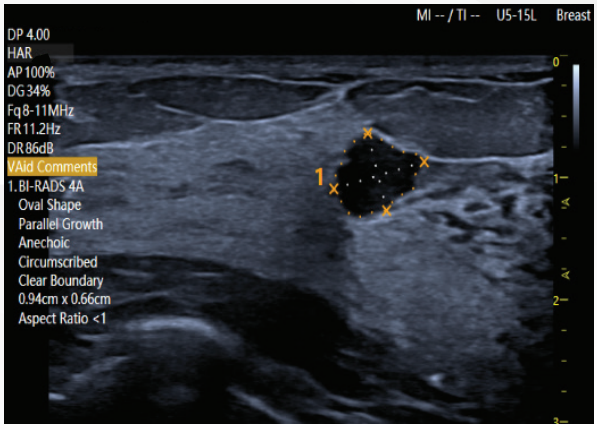
HQ Grad

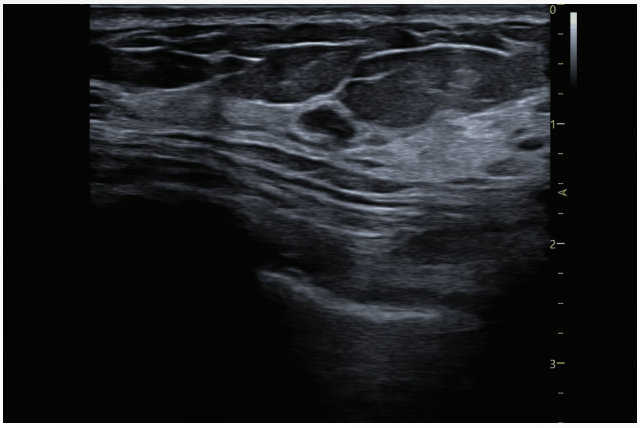
Light rendered, Photo-realistic rendering. Light source direction, shadow effect Changeable hue

*Intelligent Solutions**

VAid (Artificial Intelligent Detection)

Automatically detects and assists by assigning a probable BI-RADS category based on the captured image characteristics

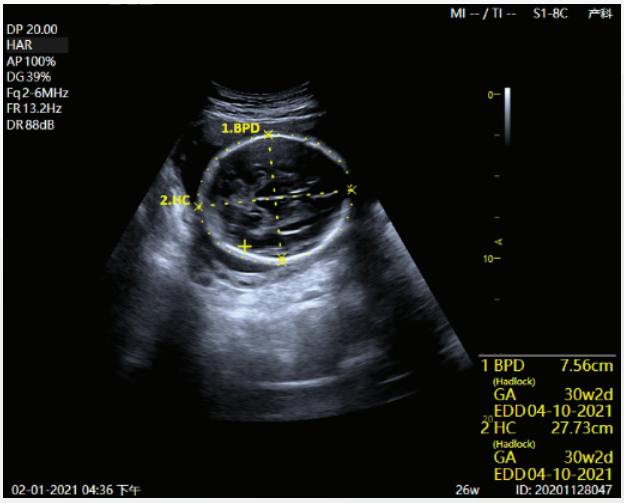


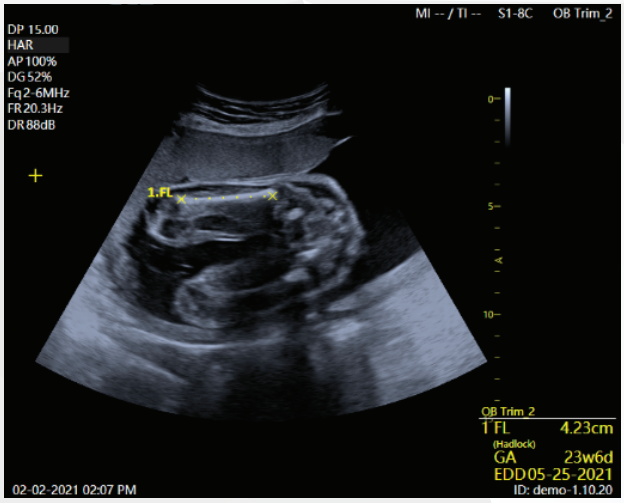


VAim OB (Artificial Intelligent Measurement)

An intelligent tool for fetal biometric measurement and growth analysis

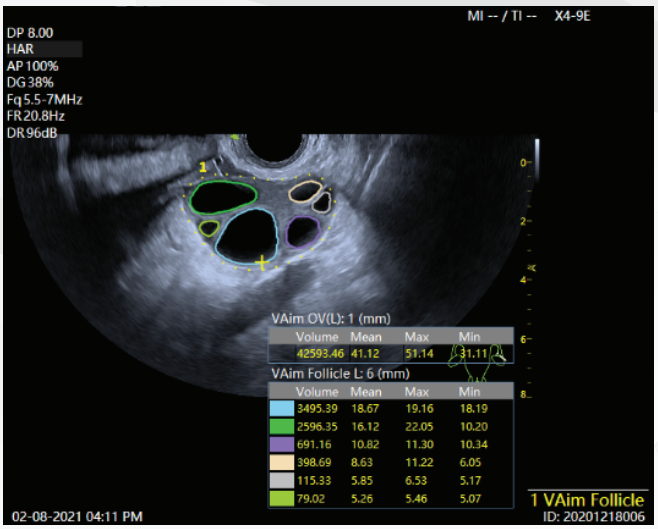
One touch measures and displays the biometry [BPD, OFD, HC, AC, FL]

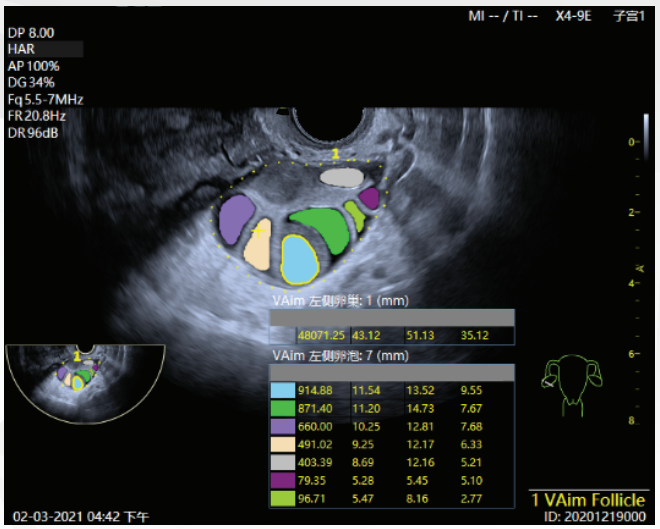




VAim Follicle

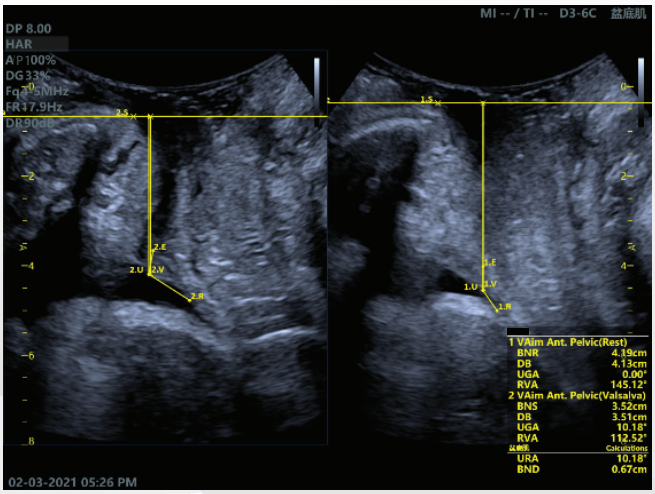
An advanced tool for counting ovarian antral follicles. One touch automatically identifies all the follicles in the image frame with different colors and calculates the number of follicle and displays the diameters





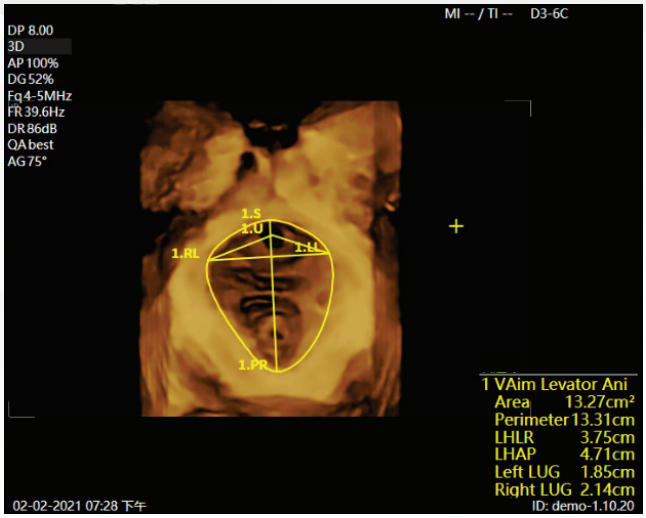
VAim Pelvic (2D)

One touch to get the VAim Ant. Pelvic(Rest) and VAim Ant. Pelvic(Valsalva) measurement result in 2D Mode



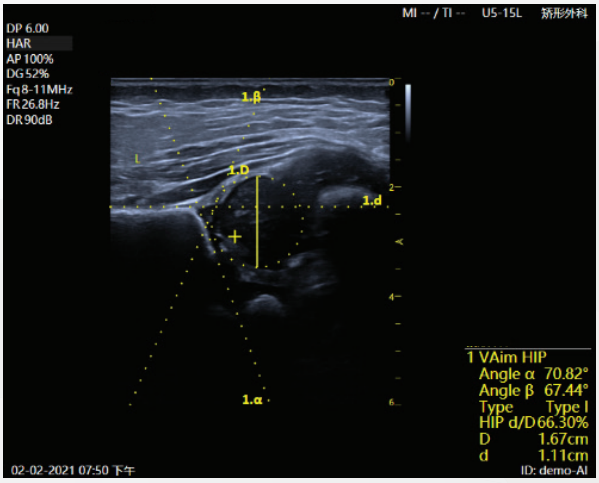
VAim Pelvic (3D)

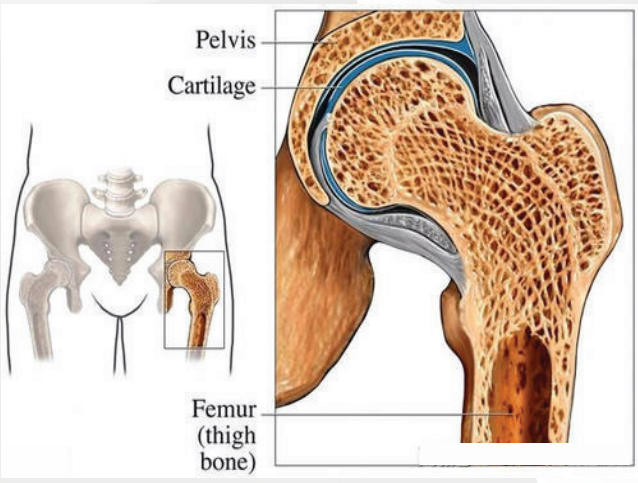
One touch to get the “VAim Levator Ani" measurement result in 3D mode



VAim Hip

One touch marks α , β angles and displays the Graf classification to evalute the development of neonatal hip joints

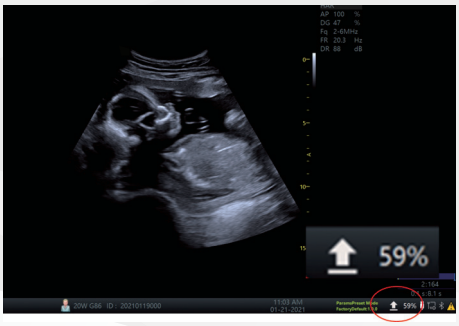




Efficient Workflow

Background transfer

Archive supports background export without interrupting the actual scan

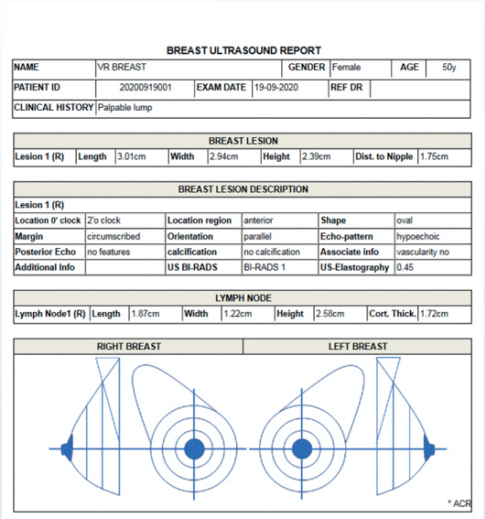


Finger-draw Comments

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 the the system will auto generate related measurement items based on the imported template, which can greatly improve the work efficiency



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

Ergonomic Design

Unique human oriented design for comfort and convenience

Fully articulating 21.5/24 inch high resolution flat panel display with nearly infinite positioning adjustments

Integrated touchable Control Panel

Easy access DVD media drive

5 easy access transducer ports

Integrated footrest

Wide Range of Probes

Linear probes

X6-16L

X4-12L

U5-15LE

X9-22L

I4-11T

Endocavitory probes

G4-9E

D4-9E

X4-9E

Convex probes

S2-9C

X2-6C

G2-5C

D3-6C

G4-9M

Phased array probes

G1-4P

S1-6P

G3-10PX

TRINITRON
DP 9.00
HAR
AP100%
DG61%
Fq1.5-4MHz
FR33.2Hz
DR80dB
MI -- / TI --
X2-6C
NT
04-12-2021 07:08 PM
NT1.09mm

On A **Global Mission** With A **Local Heart**

...Speaking your language in 180 countries

*Please note: Product specifications are subject to change without prior notice owing to product modifications, improvements / up-gradation. Clinical images shown in the brochure are representative only. Actual images may vary based on specifications of the product bought by the customer.

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HEALTHCARE
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