

SonoRad V60

Smart & Versatile Color Doppler



Introducing

SonoRad V60

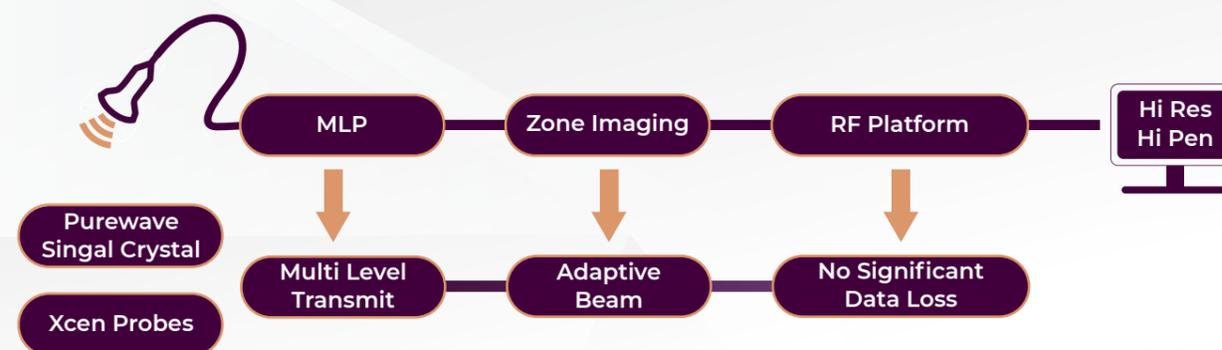
Sonorad V60 is powered to deliver superior image quality and also dedicated to improve diagnostic confidence, while delivering easy-to-use system operation during routine scanning with wide range of clinical application.

- 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.

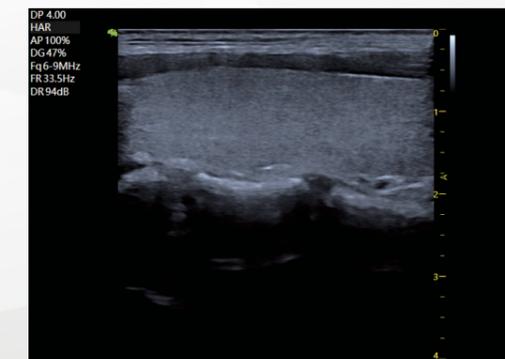


Exquisite Image Quality

Excellent penetration



Superior Resolution



Sophisticated blood flow sensitivity



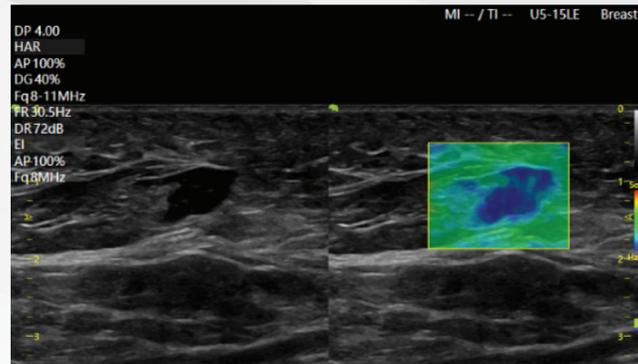
VLuminous Flow



Advanced features

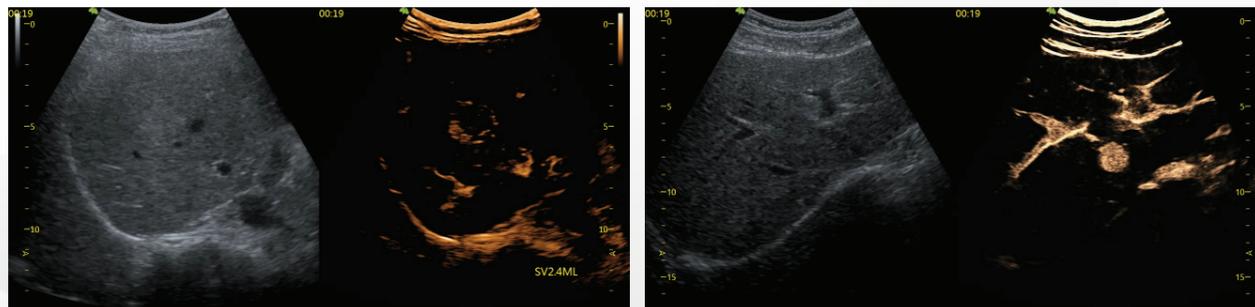
Elastography Imaging

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.



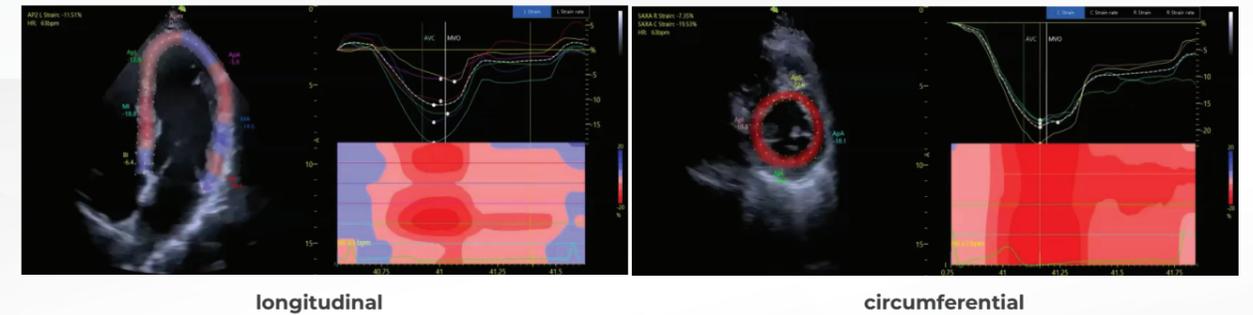
Contrast Imaging

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



Strain Imaging

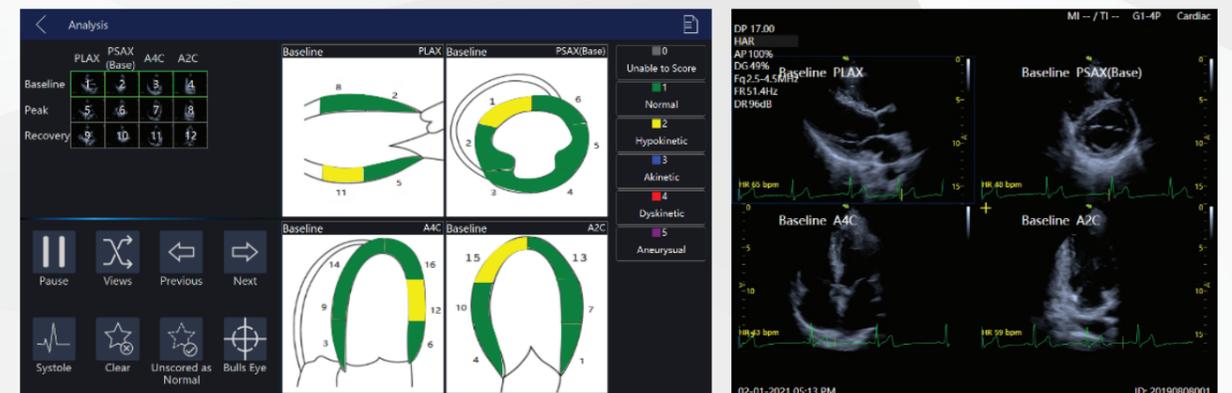
Strain imaging describes the strain curve to underline any myocardial regions either in the same or various images, which can differentiate between active and passive movement of myocardial segments, to quantify intraventricular dys-synchrony and to evaluate components of myocardial function.



Stress Echo

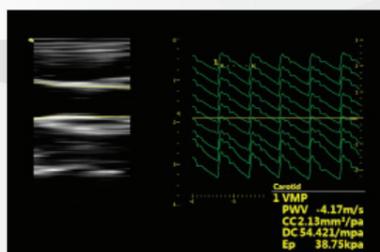
Stress Echocardiography is a dynamic evaluation of myocardial structures and its function under an induced stress of the heart

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

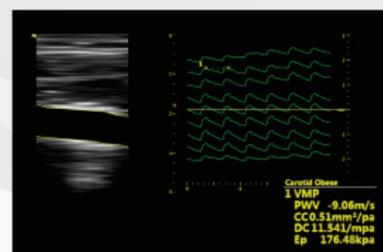


PWV (Pulse Wave Velocity)

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



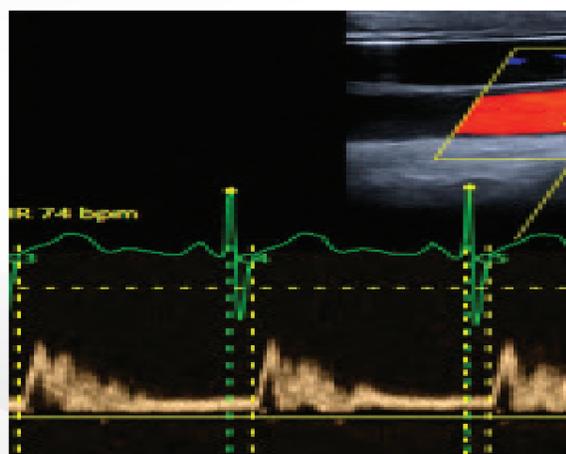
Real-time, multi-point RF tracking of the Carotid artery intima media complex and the resulting waveform to calculate PWV. [~25yrs ~70kg, Asian male]



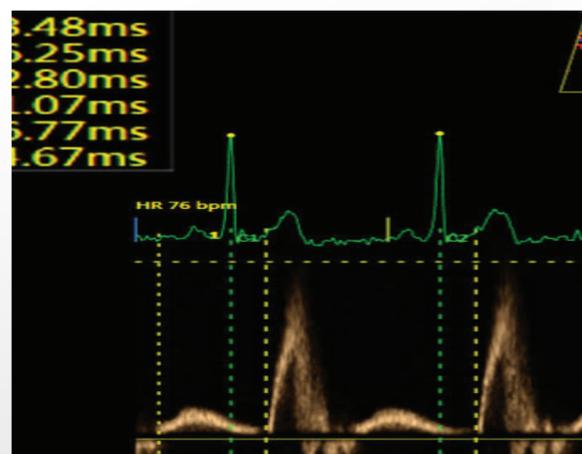
Real-time, multi-point RF tracking of the Carotid artery intima media complex and the resulting waveform to calculate PWV. [~50yrs ~125kg, Asian male]

AMAS (Automatic 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 of Pulse Wave Velocity.



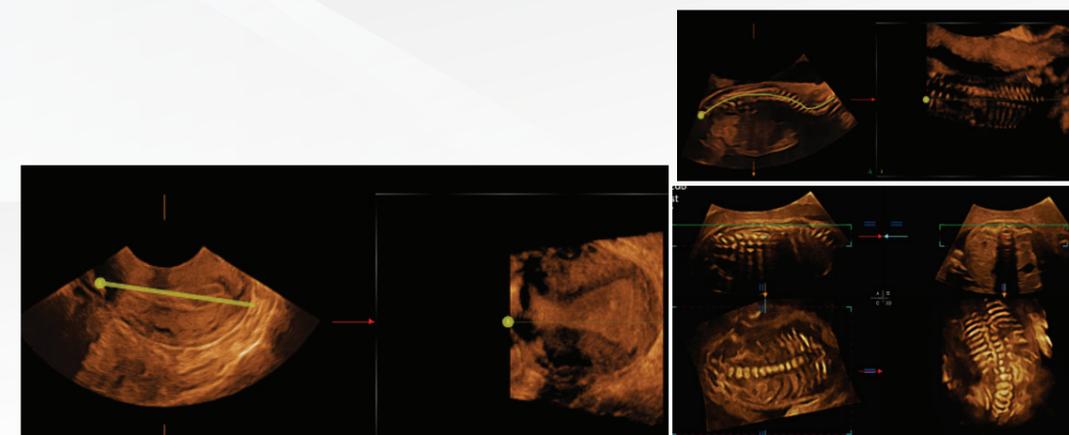
Carotid artery



Femoral artery

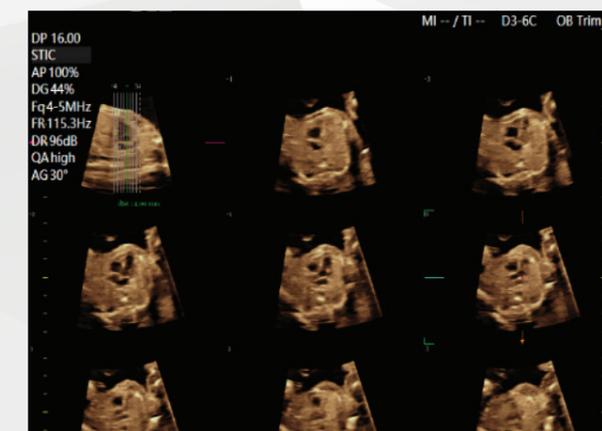
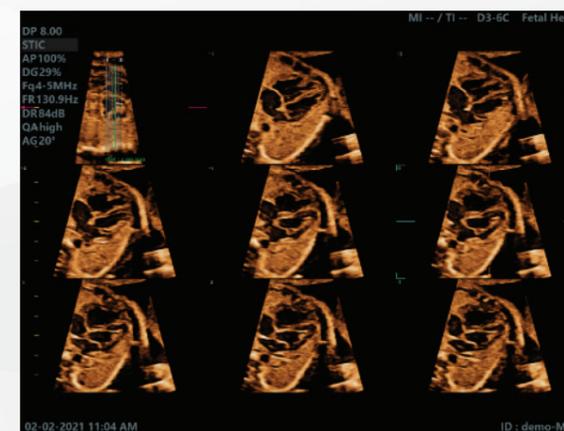
Free View

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)

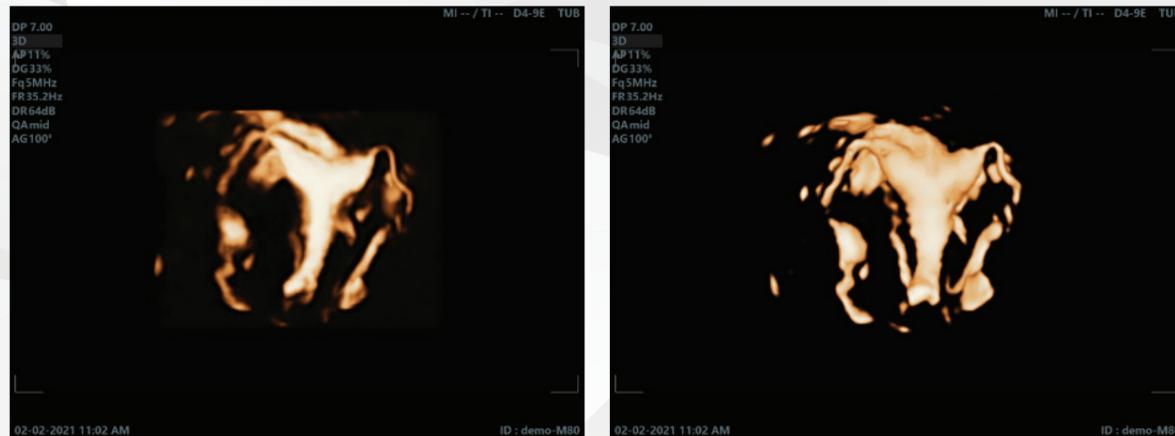
The three-dimensional real-time display allows the user to visualize the internal structure of the fetal heart.



Intelligent Solutions

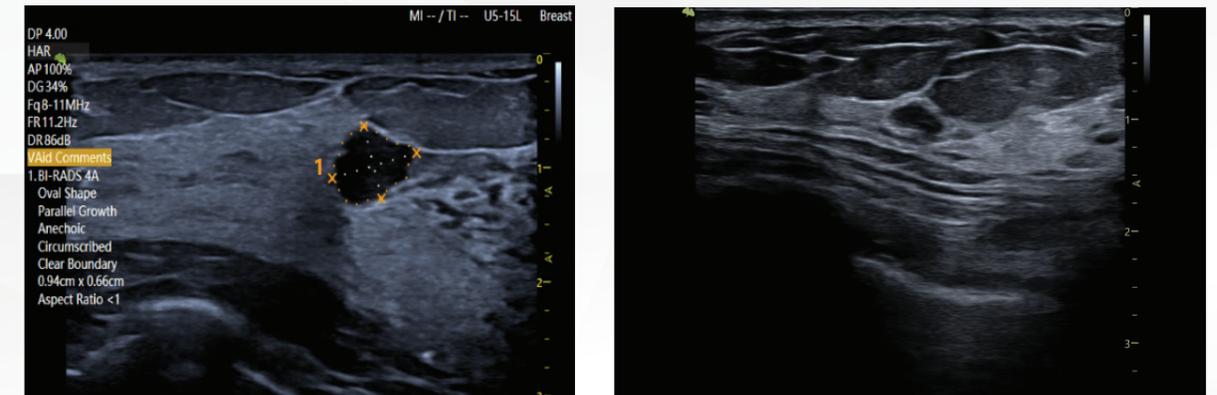
3D HSG (Hysterosalpingography)

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



VAid (Artificial Intelligent Detection)

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



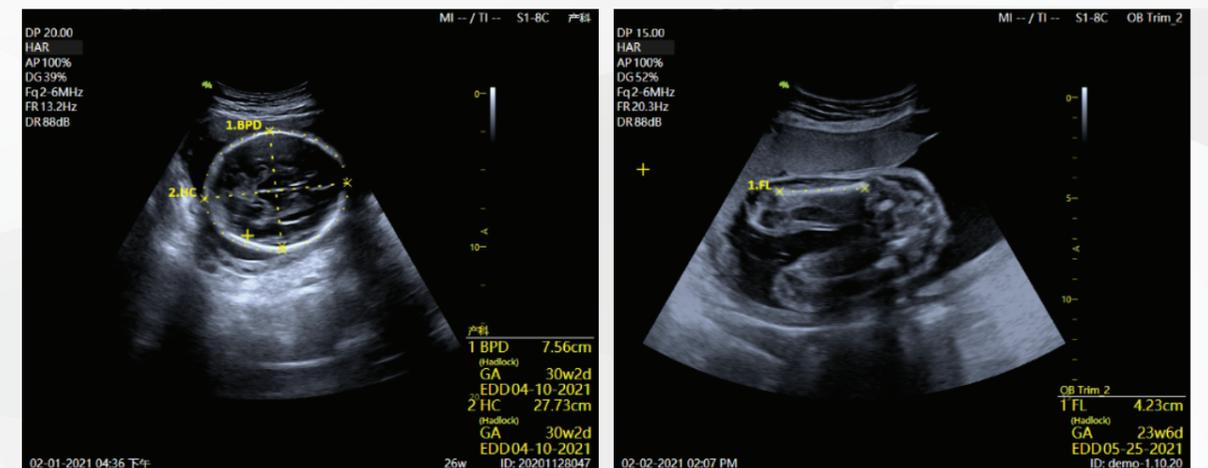
HQ Grad

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



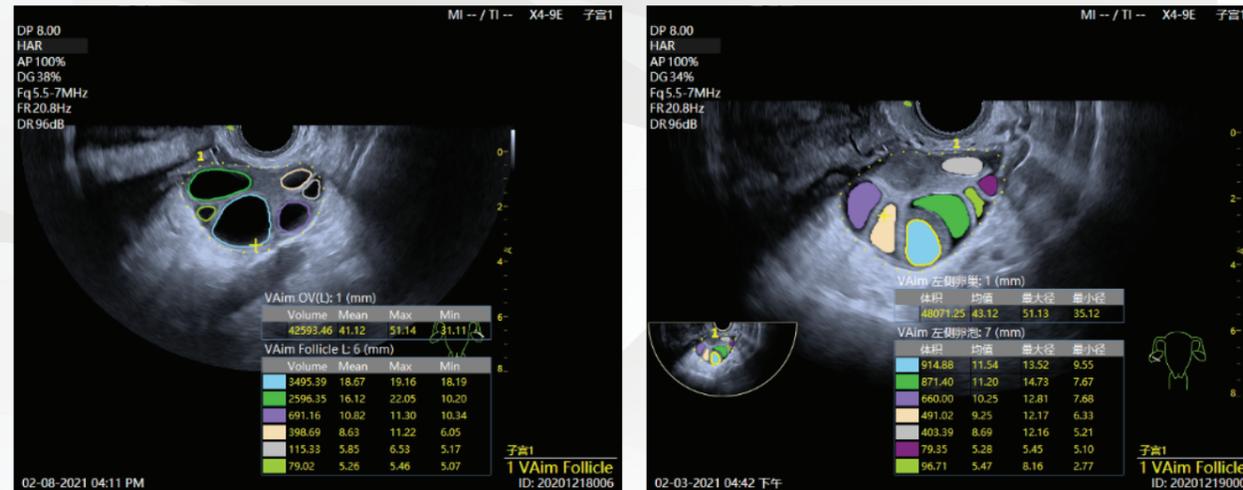
VAim OB (Artificial Intelligent Measurement)

An intelligent tool for fetal biometric measurement and growth analysis
One touch measures and displays the biometry [BPD, OFD, HC, AC, FL]



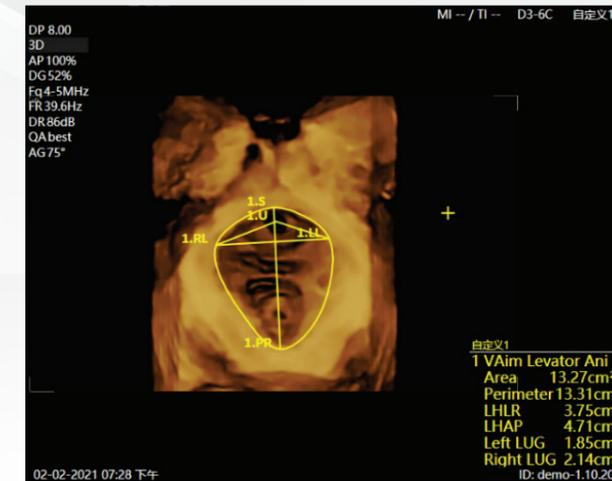
VAim Follicle

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 (3D)

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



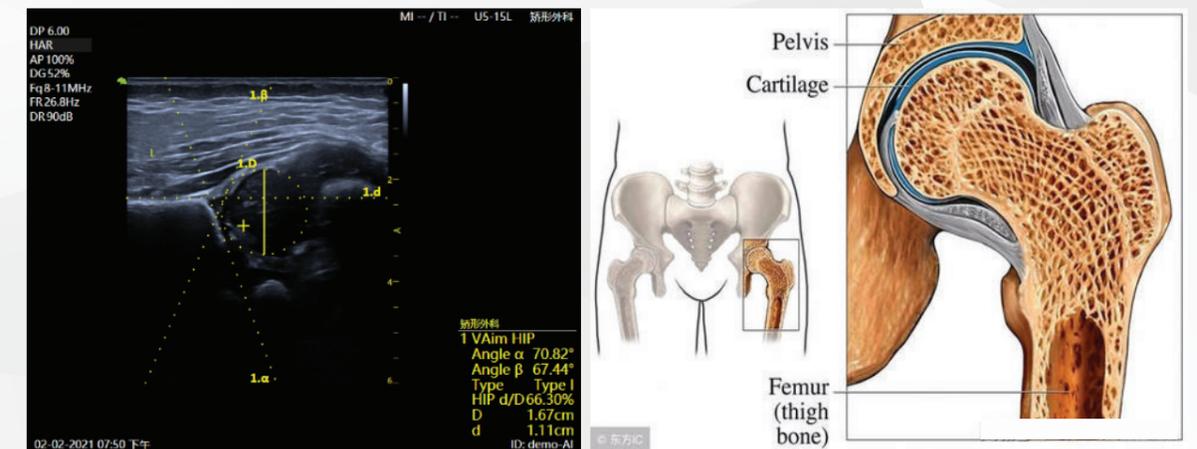
VAim Pelvic (2D)

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



VAim Hip

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



Efficient Workflow



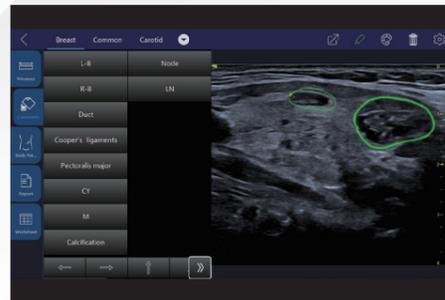
Background transfer

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	NR 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
					Diat. to Nipple 1.75cm
BREAST LESION DESCRIPTION					
Lesion 1 (R)	Location (° clock)	2o clock	Location region	anterior	Shape
	Margin	circumscribed	Orientation	parallel	Echo-pattern
	Posterior Echo	no features	Calcification	no calcification	Associative info
	Additional info		US BI-RADS	BI-RADS 1	US-Elastography
					0.45
LYMPH NODE					
Lymph Node 1 (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 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

Endocavitary 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

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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