

SonoRad V60

Redefining Imaging with Smart & Versatile
Color Doppler Ultrasound System



SonoRad V60

Introduction

SonoRad V60 is powered to provide outstanding image quality and elevate diagnostic confidence, featuring an intuitive interface for routine scanning and a comprehensive range of clinical applications.



 Exquisite Image Quality

 Advanced Features

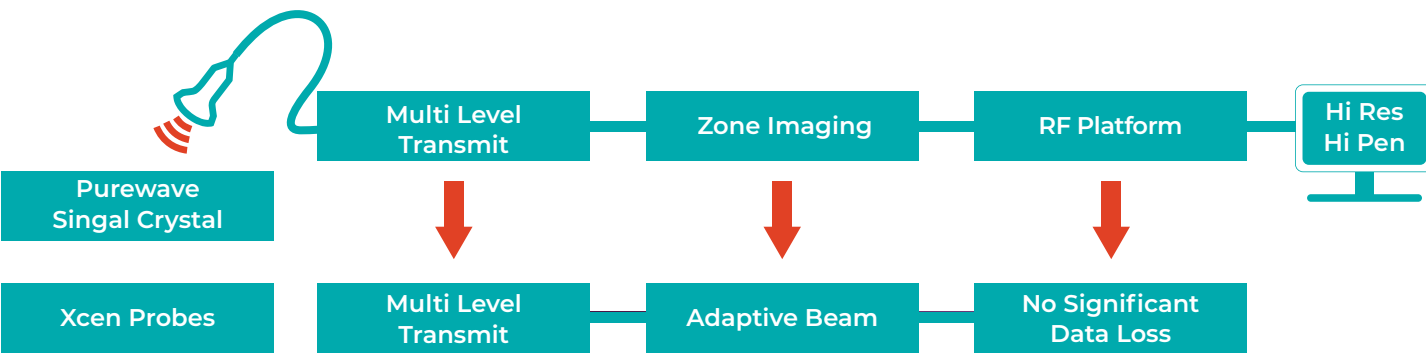
 Intelligent Solutions

 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.

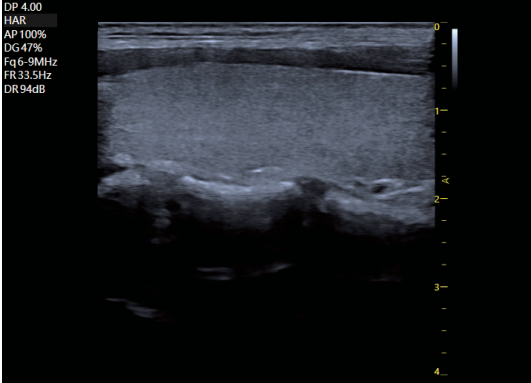


Exquisite Image Quality

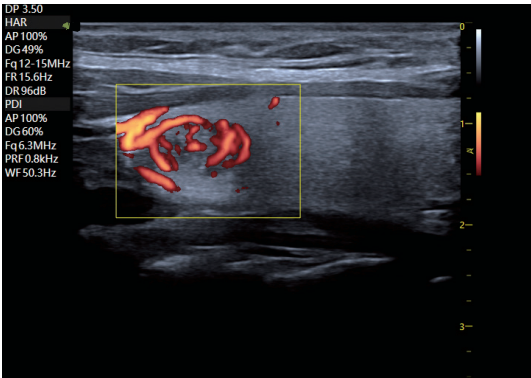
Excellent penetration



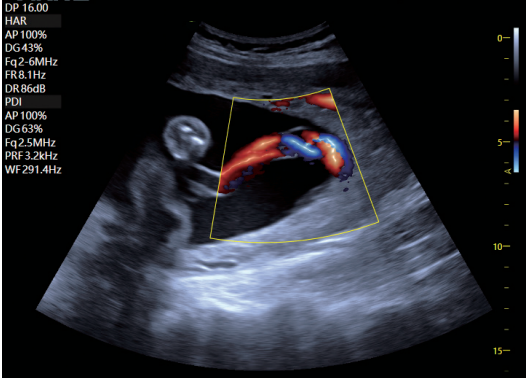
Superior Resolution



Sophisticated blood flow sensitivity



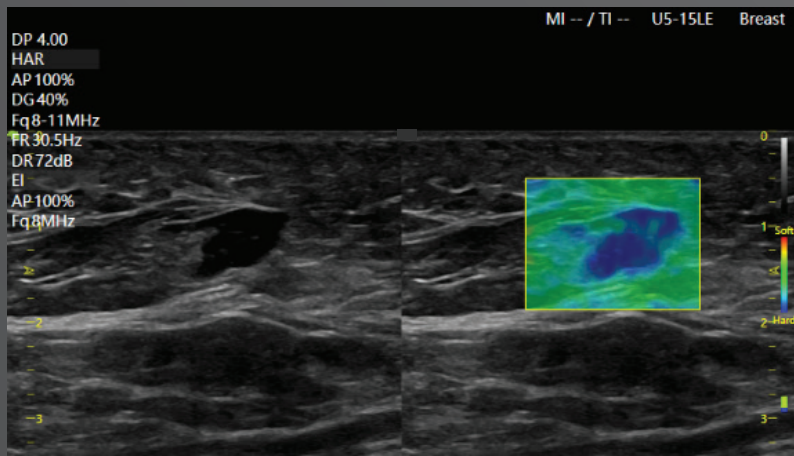
VLuminous Flow



Advanced Features*

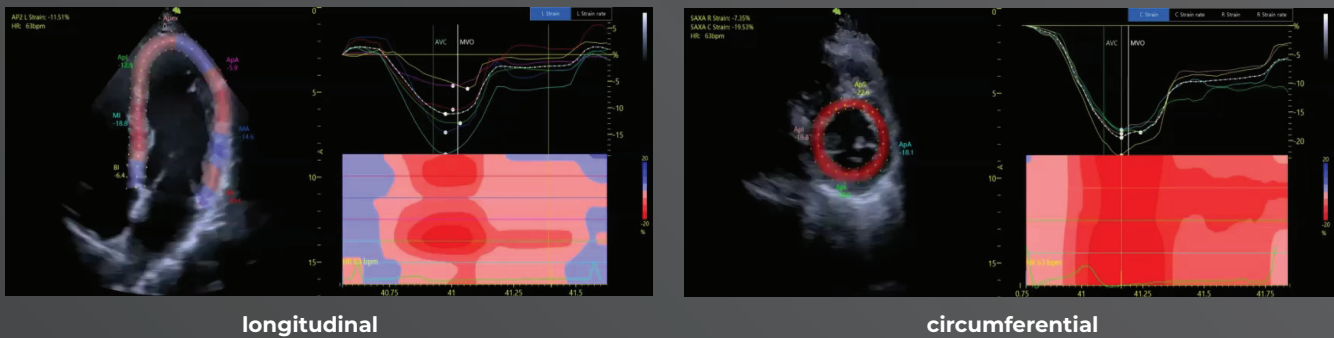
Elastography Imaging

Elastography is an imaging technique used to measure tissue stiffness. It captures images before and after gentle tissue compression, and evaluates the displacement to determine the strain and strain ratio.



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

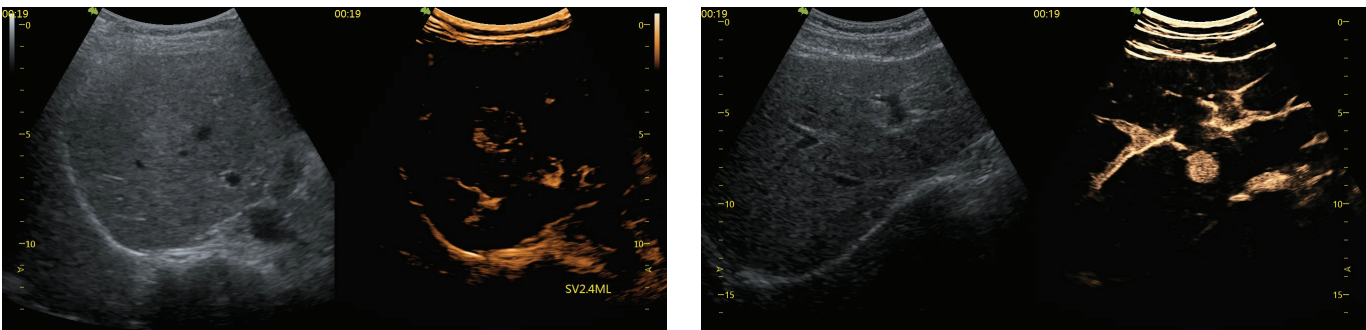
Stress Echocardiography is a dynamic evaluation of myocardial structures and its function under an induced stress of the heart

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



Contrast Imaging

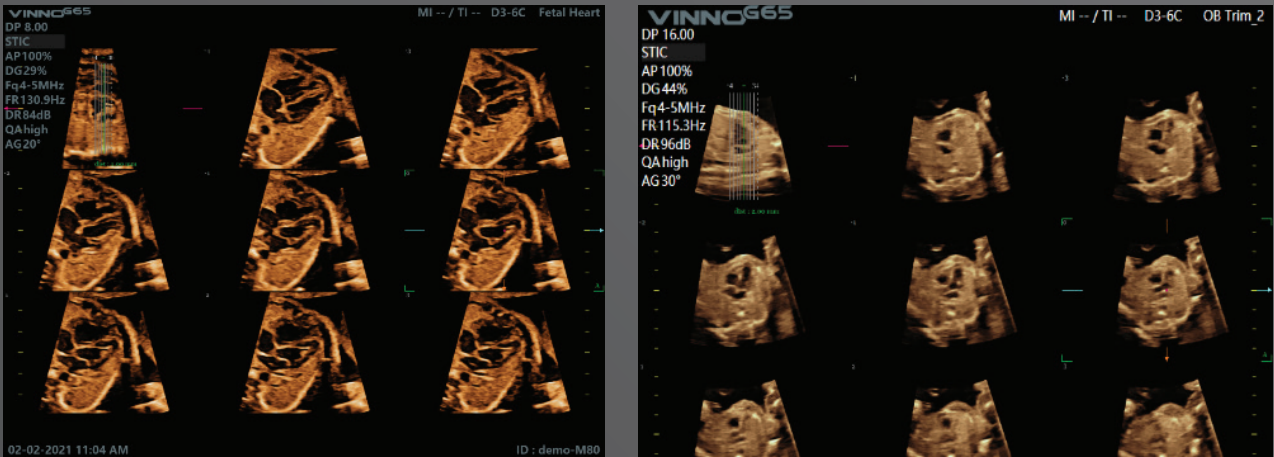
The ultrasound contrast agent resonates under low-pressure (MI) ultrasound, enhancing the microvascular signal with superior spatial resolution. The observed tissue perfusion and enhancement characteristics aid in the qualitative differentiation of lesions.



Note: (*)optional

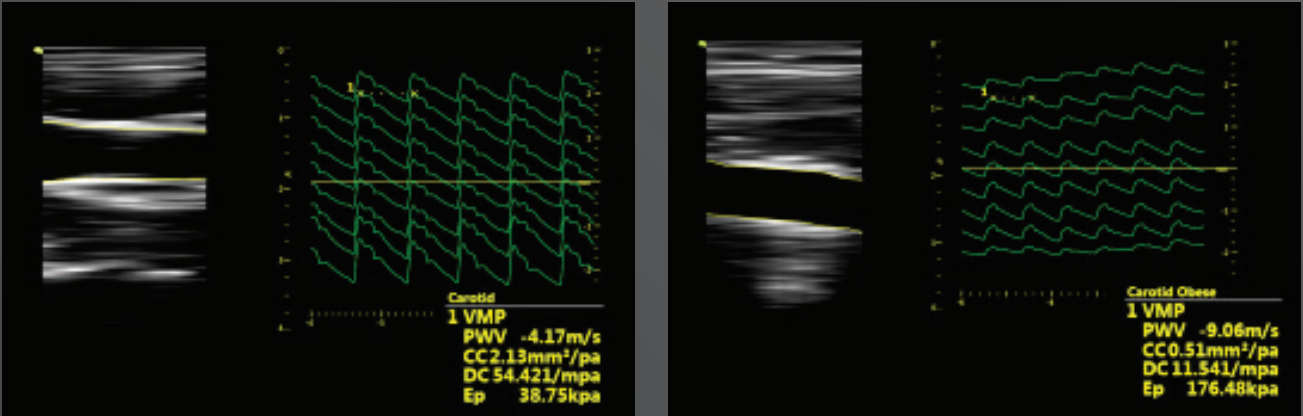
STIC (Spatio Temporal Image Correlation)

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



PWV (Pulse Wave Velocity)

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

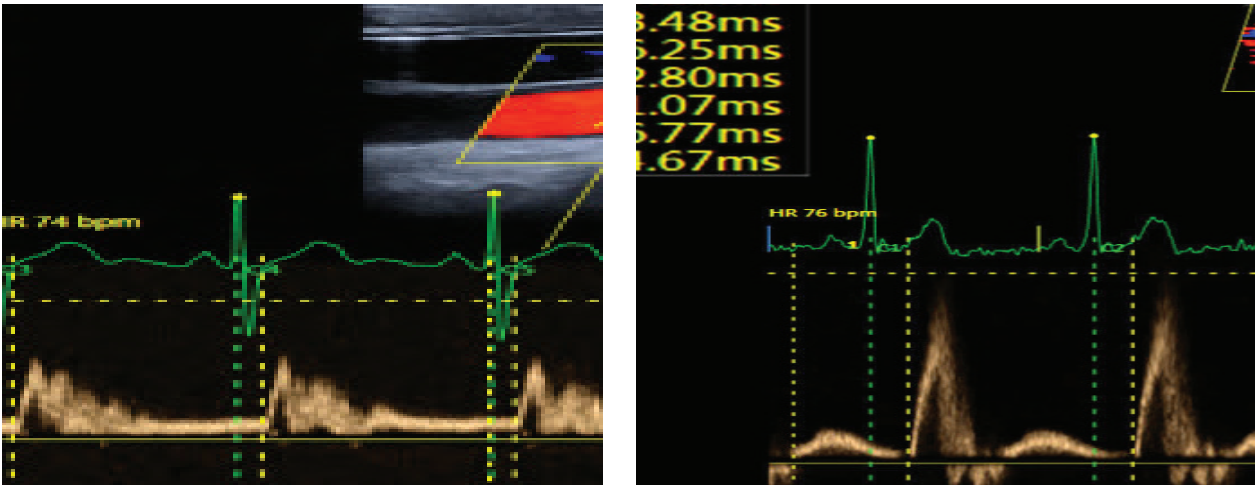


Real-time, multi-point RF tracking of the Carotid artery intima media complex and the resulting waveform to calculate PWV. [~25yrs~70kg, Asian male]

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 cf Pulse Wave Velocity.

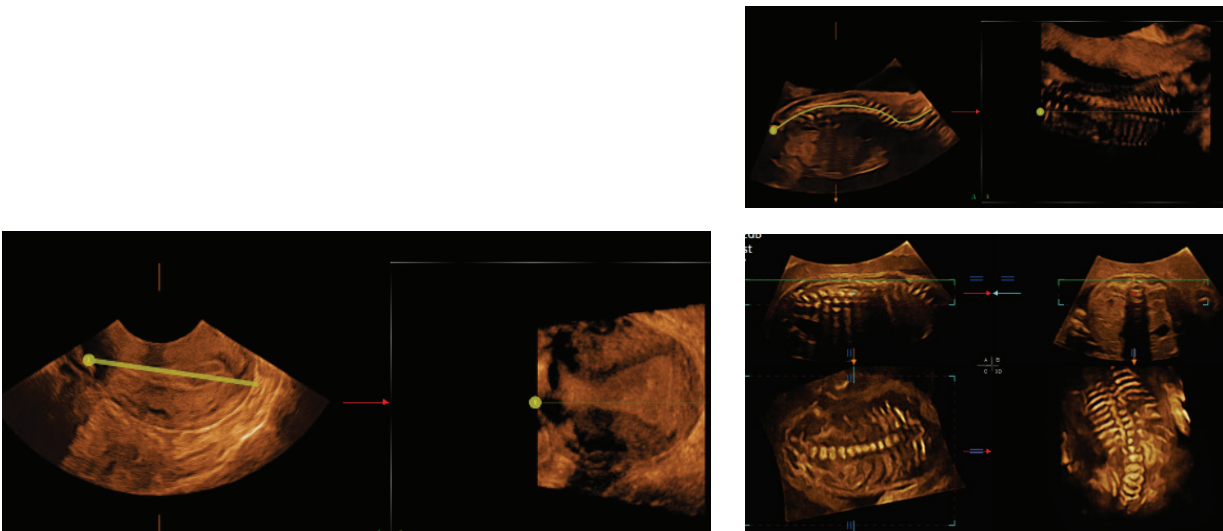


Carotid artery

Femoral artery

Free View

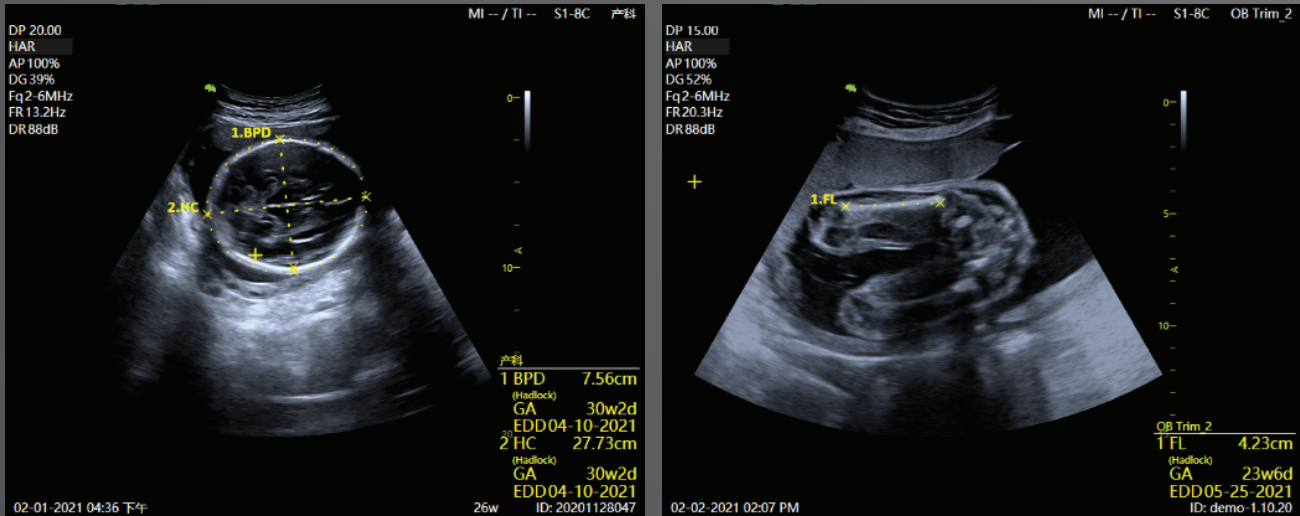
This powerful tool reconstructs an image plane, of a freely drawn line/curve(up to 3) out of the volume data, that cannot be captured in 2D imaging.



Intelligent Solutions*

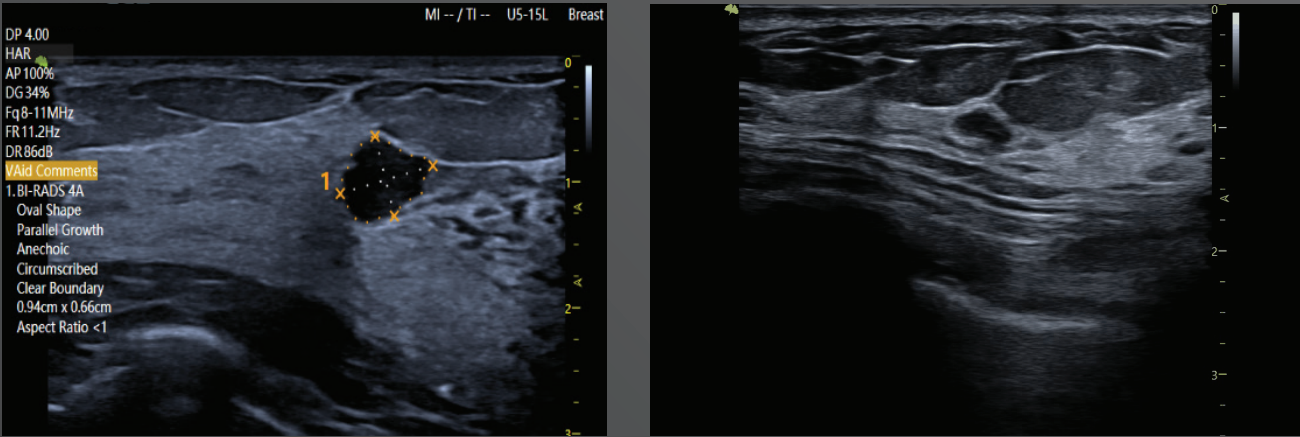
VAim OB (Artificial Intelligent Measurement)

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



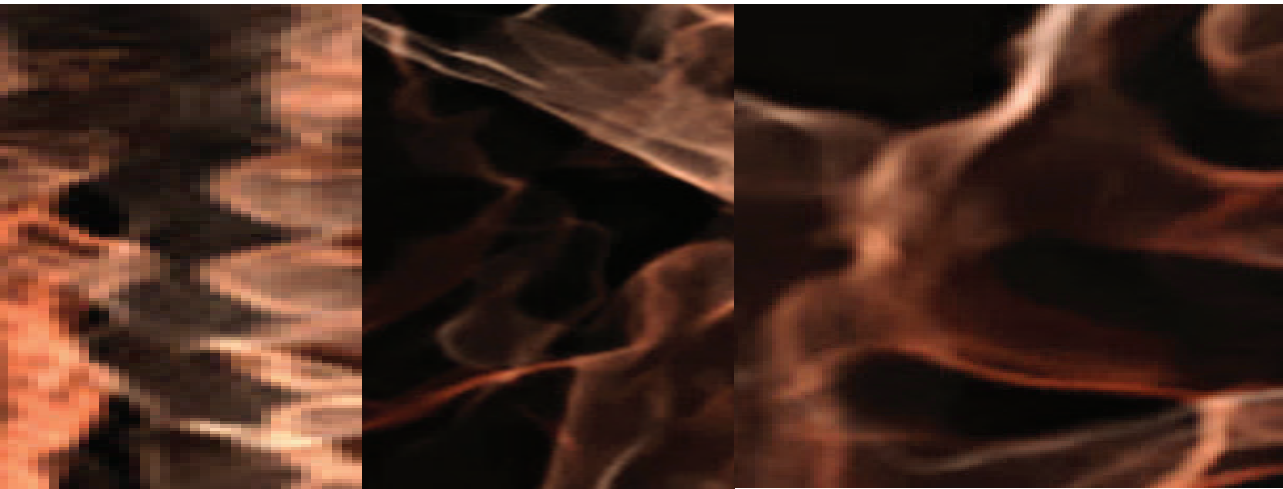
VAid (Artificial Intelligent Detection)

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



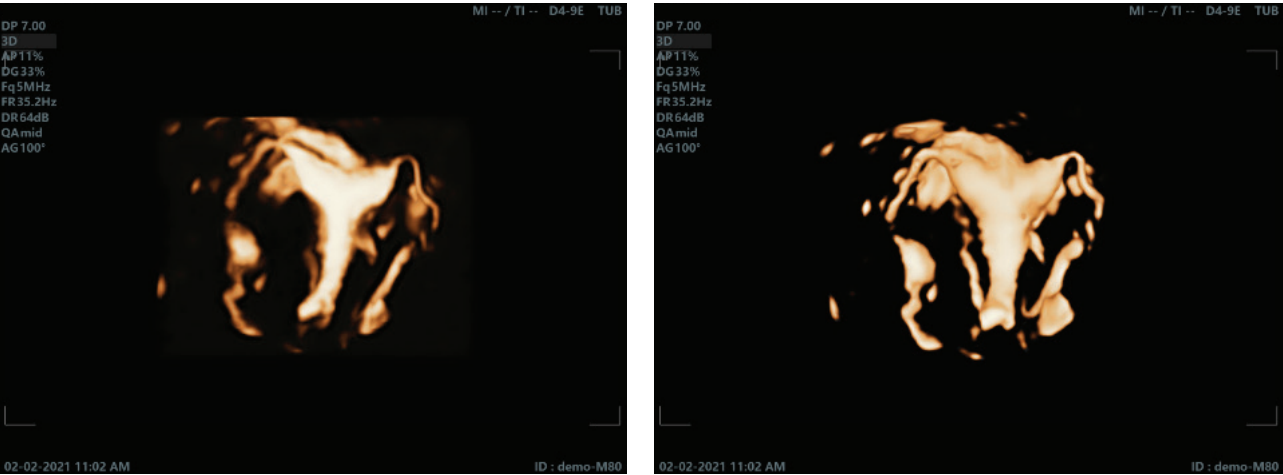
HQ Grad

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



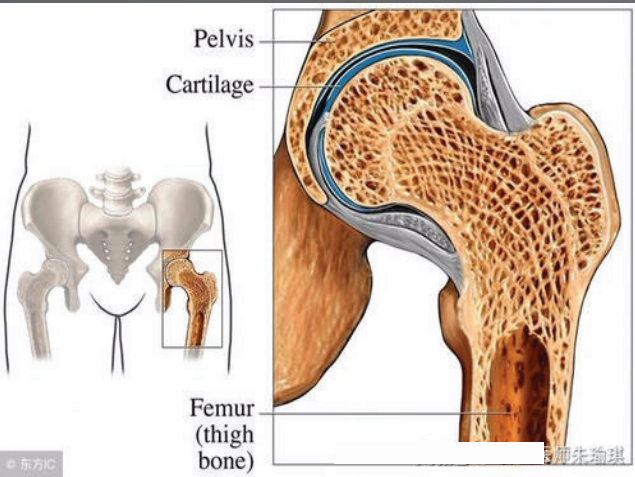
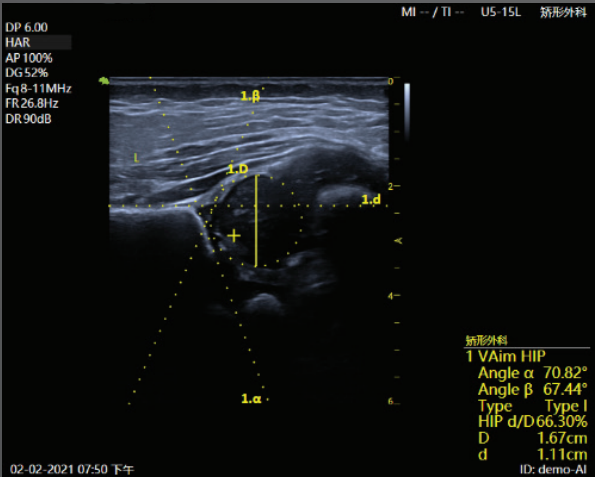
3D HSG (Hysterosalpingography)

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



VAim Hip

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



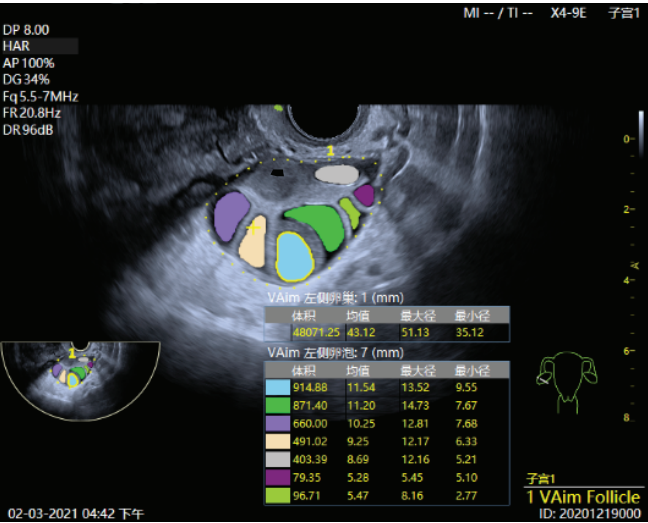
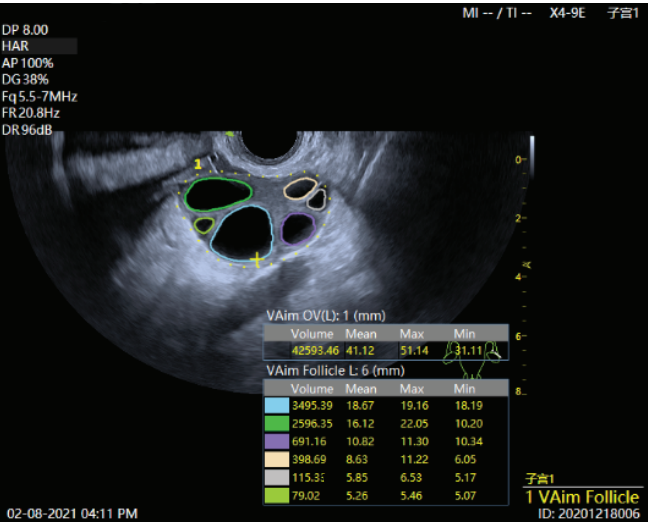
VAim Pelvic (3D)

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



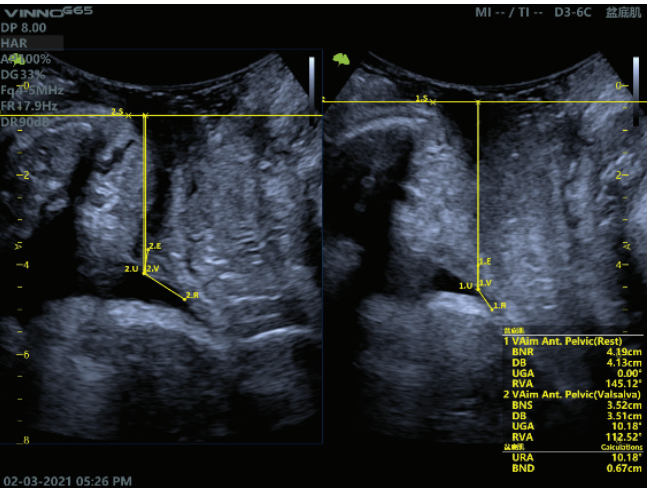
VAim Follicle

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



Efficient Workflow



Finger-draw Comments

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



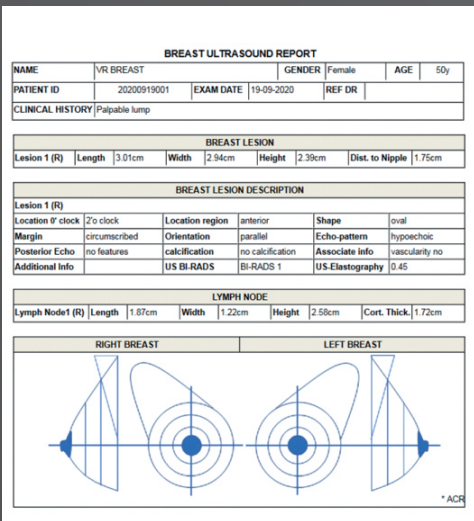
Background transfer

Archive supports background export without interrupting the actual scan



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



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

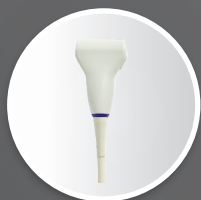
Linear probes



X6-16L



X4-12L



U5-15LE



X9-22L



I4-11T

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



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