

VINNO^{R700}

Elevating Ultrasound Efficiency *with* Lucid Vision

Powered by
VLucid⁺


ULTRASENSE
Confident diagnosis in real-time



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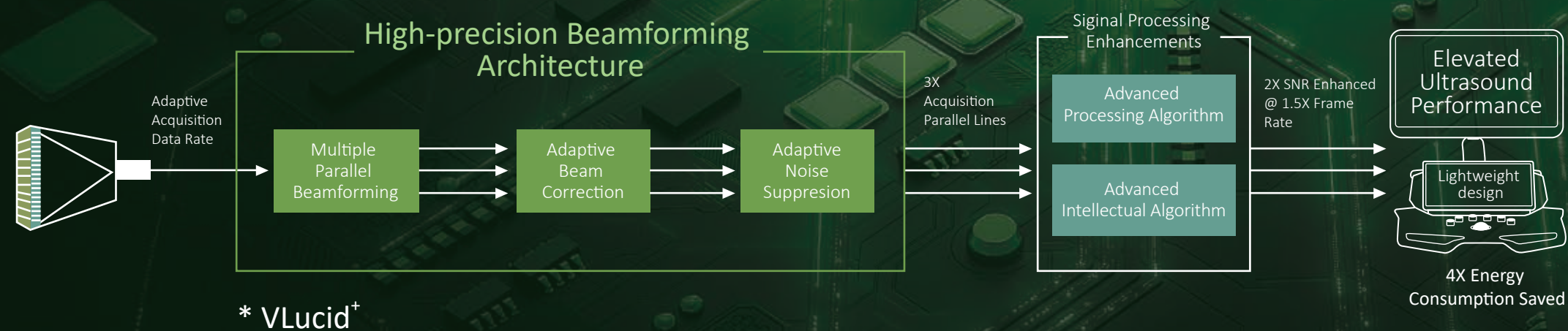


VINNO reserves the right to make changes to product specifications at any time.



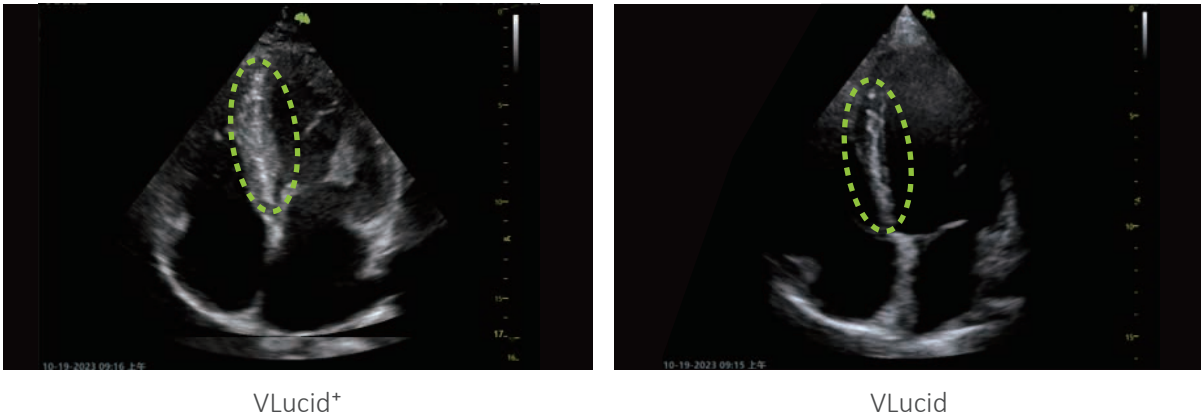
DESIGNED FOR HIGH EXPECTATIONS

Powered by VLucid⁺ platform, VINNO R700 with ultrasound scanning experience redefined, provides both clarity and ease of use with better ergonomics, easier scanning and shared service at premium level for clinicians from General Imaging, Women healthcare and Cardiovascular to drive your practice efficiency ahead.



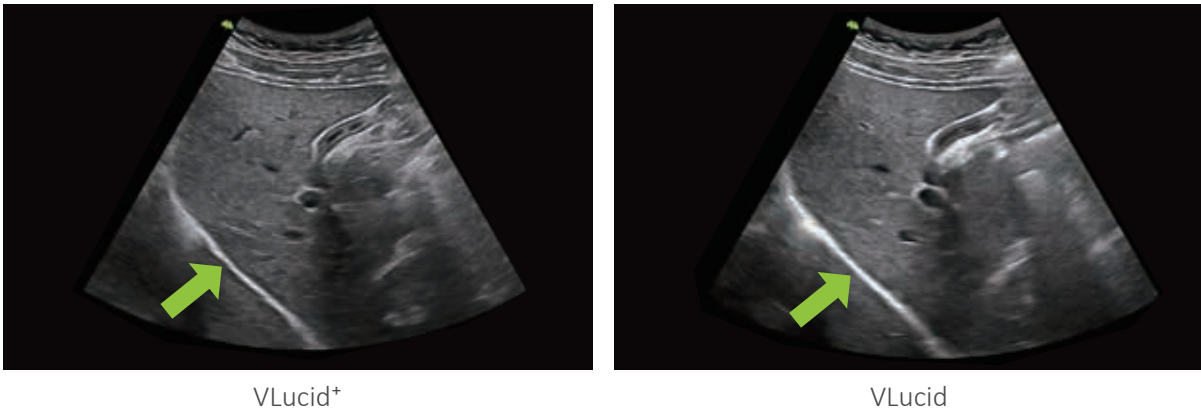
Real-time Adaptive De-noising (RAD)

Effectively suppress noise/speckle artifacts and sharpens the tissue interfaces/contours, significantly enhancing the contrast resolution.



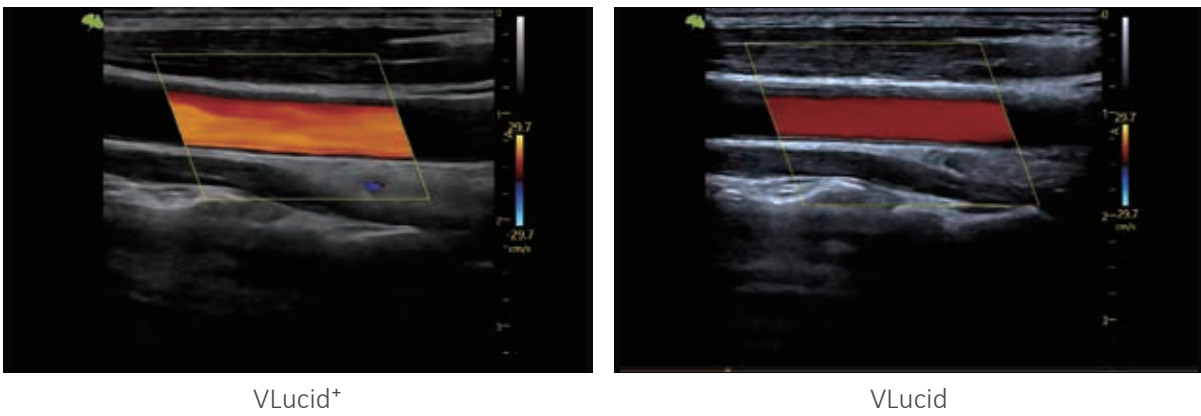
Dynamic Signal Enhancement (DSE)

Improves both penetration and lateral resolution, delivering detail with extraordinary clarity.

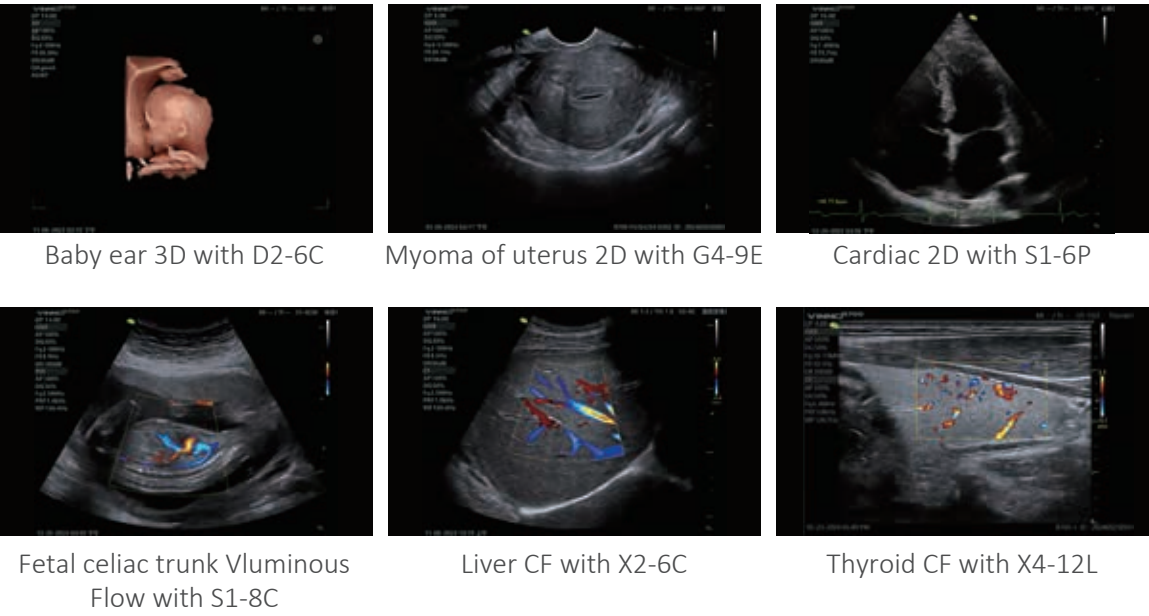


Doppler Vector Projection (DVP)

Innovative Color Doppler signal processing that differentiates the 3 dimensional nature of blood flow, projects it on 2 dimensional display; amplifying the hemodynamics.



- Improved conversion efficiency
- Improved axial resolution
- Improved sensitivity for deeper structure and clearer imaging



General Imaging Solutions

Shear Wave Elastography (VShear)

A non-invasive assessment of tissue stiffness in various applications. The color-coded elastogram, quantitative measurements, and user-selectable ROI functions are especially useful for accurate diagnosis of Breast, Liver, MSK, Thyroid and Prostate diseases.



CBI (Contrast Bubble Imaging)

CEUS provides real-time assessment of blood flow and enhances diagnostic accuracy, aiding in the characterization of lesions, evaluation of organ perfusion, and guiding interventions.



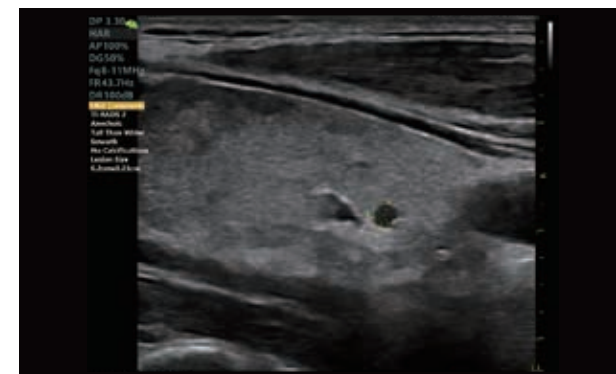
VAid Liver

An automatic detection of focal and diffuse diseases of liver in real-time or on stored images and displays quantitative analysis of the lesion.



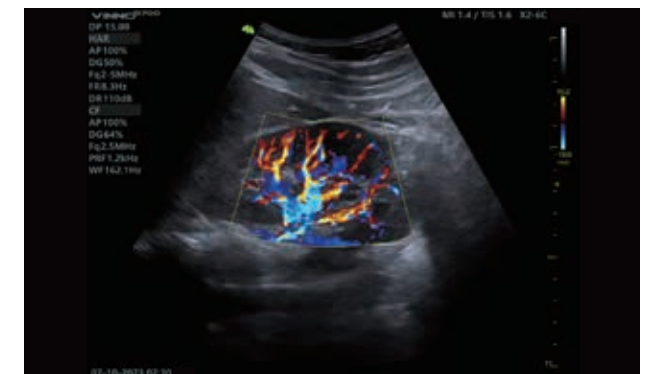
VAid Thyroid

Thyroid nodule are detected in real-time or on stored images, together with TI-RADS categorization and reporting tool, making clinical routine of thyroid ultrasound more accurate and productive.



VFlow

Effectively reduces color overflow to improve hemodynamic performance with enhanced spatial and temporal resolutions, detecting micro-blood flow with better and accurate vessel presentation.



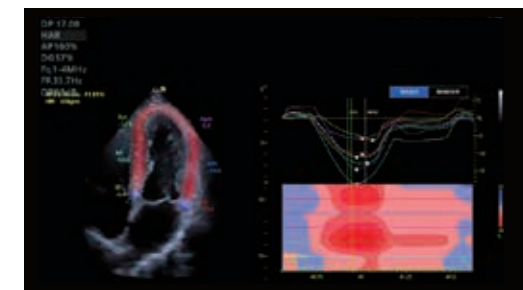
Cardiovascular Solutions

Multi Doppler

The combination of TDI and PW allows simultaneous evaluation of wall motion, asynchronies and hemodynamics, with up to 4 sample gates for vascular and 2 sample gates for cardiac within one cardiac cycle, enabling faster and more accurate measurement of LV diastolic dysfunction, asynchronies etc. Includes combination of PW/PW, PW/TDI, TDI/TDI.

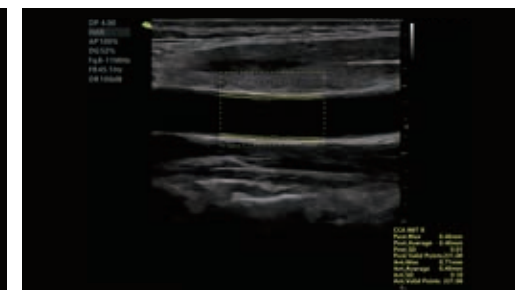
Strain Imaging

Quantify wall motion of the left ventricle for precise evaluation of myocardial movement.



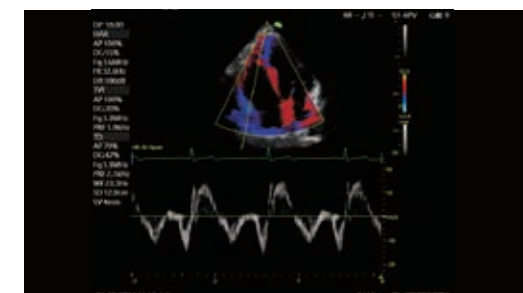
Live IMT

Real time and auto measurement of both anterior and posterior walls.



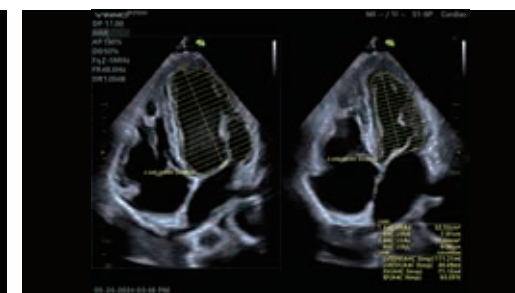
Tissue Doppler (TD)

Present wall motion direction and velocity spectrum by using Doppler principle.



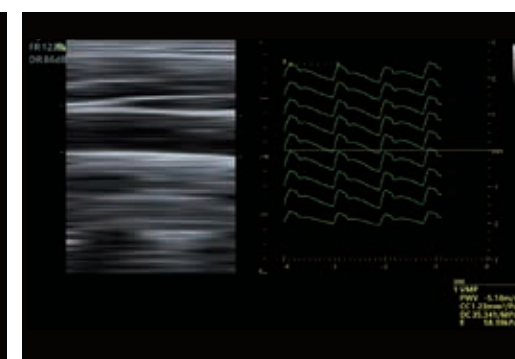
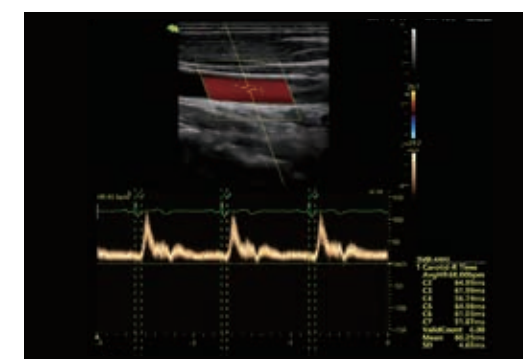
Auto EF

One-click to calculate the Ejection Fraction (EF) in real-time scanning or a saved cine loop without manual mark.



AMAS (Automatic Measurement of Arterial Stiffness) & PWV

Automatic measurement of arterial stiffness & arterial elasticity assessment.



Women's Healthcare Solutions

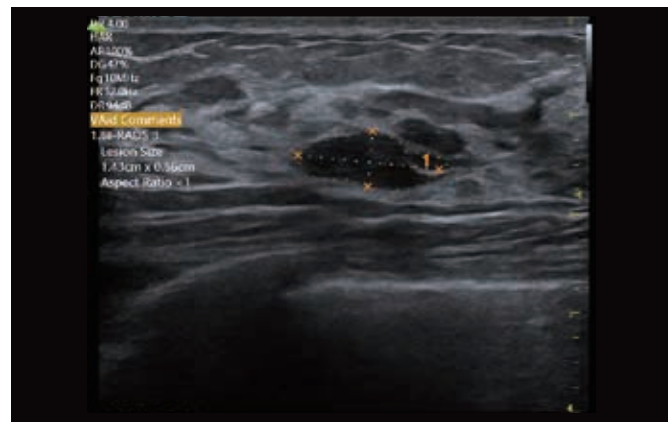
VMind OB

An intelligent one-stop solution for automatically acquiring up to 28 standard planes (the most comprehensive). With just one click, clinicians can obtain accurate and efficient fetal biometry results, ensuring unprecedented ease of operation during exams.



VAid Breast

Automatic breast screening and lesion detection in real-time or stored images, along with the smart BI-RADS analysis, effectively improves quality control.



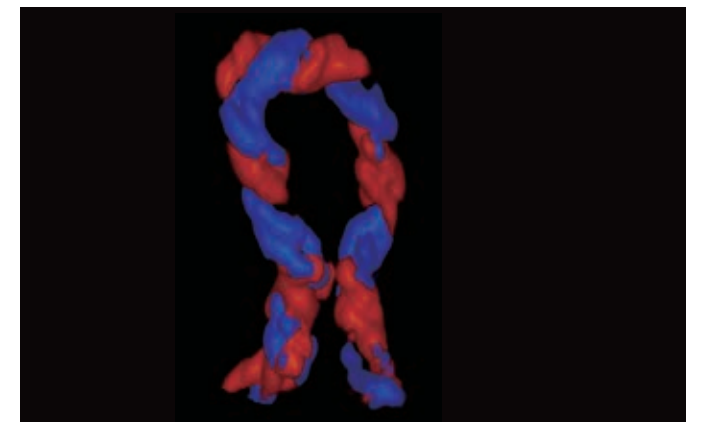
Light Lab

A new 3D rendering technology that allows user to customise the position and direction of the virtual light sources, which displays the internal structure details more clearly and enhances the three-dimensional perception.



Color 3D

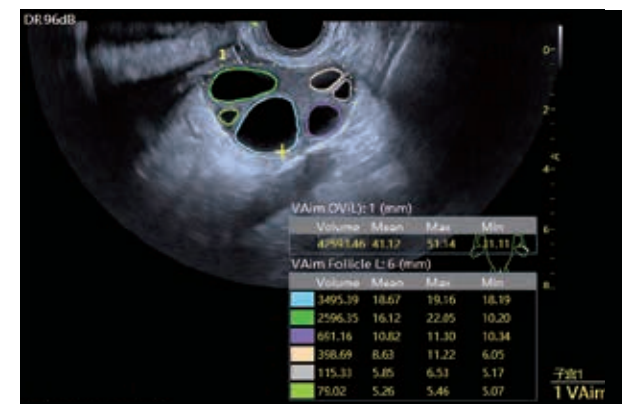
Color 3D applies advanced acquisition and rendering technology to provide improved visualization and structure expression, helps users better understand natural hemodynamics of vascular networks, like umbilical cord and fetal heart.





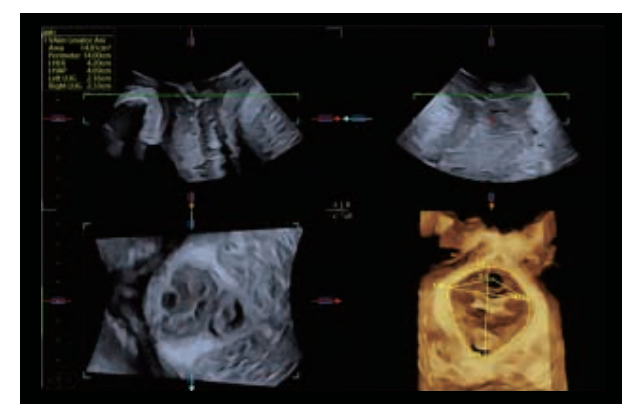
Women's Healthcare Solutions

VAim Follicle



Auto-detection of follicles' numbers and calculation of the volume for each one both in 2D & 3D .

VAim Pelvic



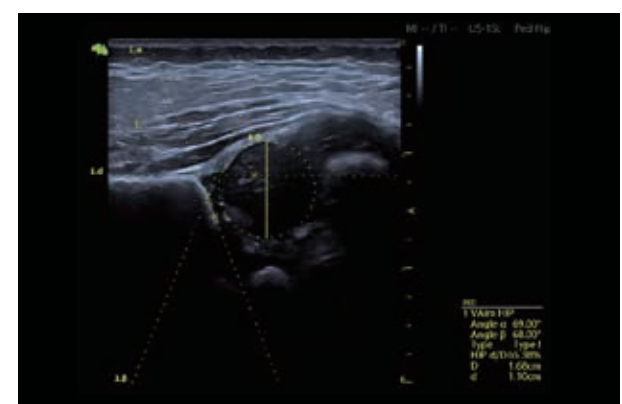
Automatic measurements of pelvic floor both in 2D & 3D.

VAim OB



Automatic measurements of fetal biometrics.

VAim Hip

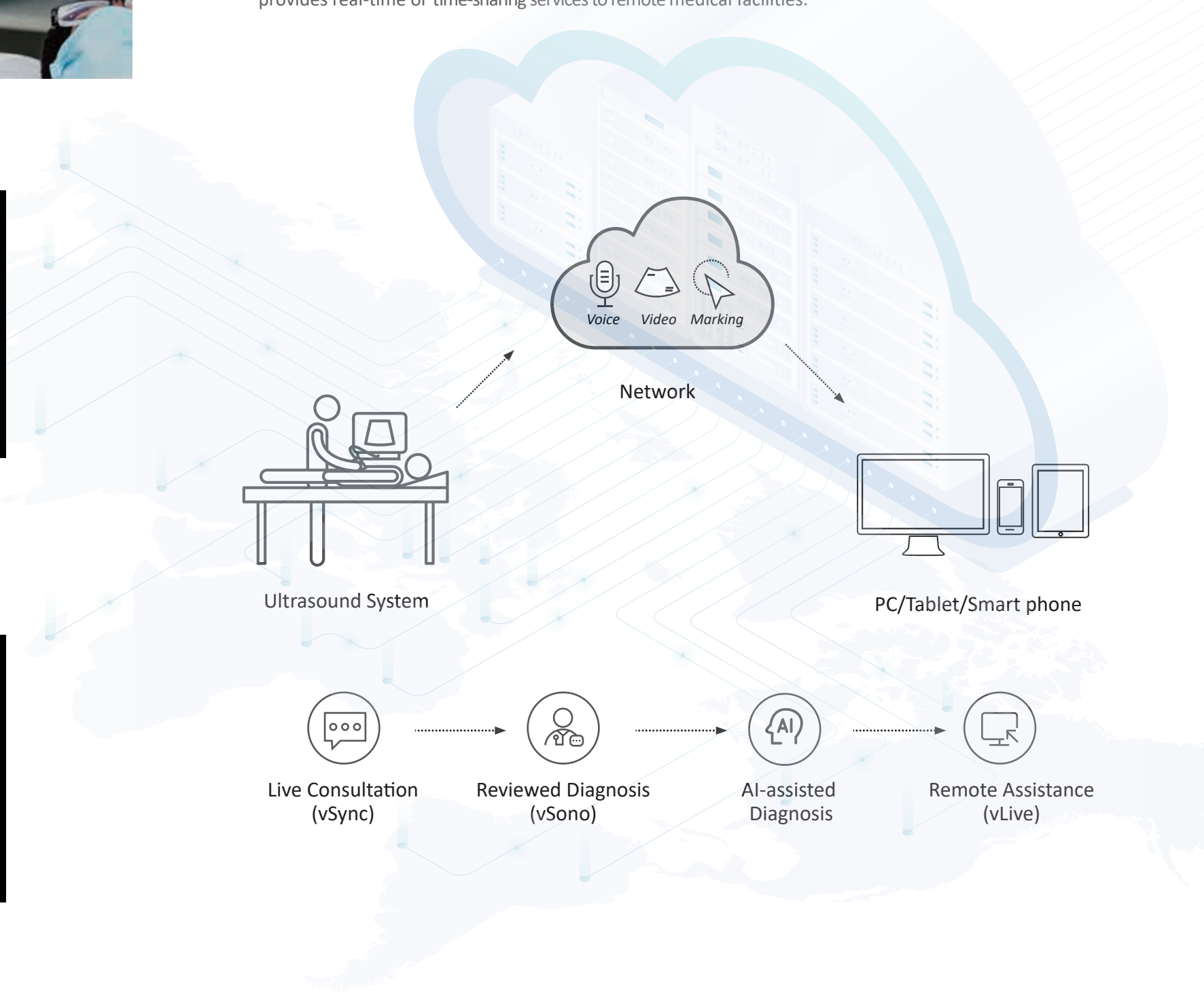


Auto detection of hips structures and auto measurement of α and β angles for easy Graf classification.

FLYINSONO

Connect anytime, from anywhere, at any terminal

Flyinsono is the pioneer of Remote Ultrasound Imaging Solution. Endorsed by Cloud technology, Flyinsono can realize Remote Consultation, Intelligent Diagnosis, Remote Quality Control, Online Training, Remote Service, Academic Seminars and etc. Flyinsono breaks down geographical, traffic and personnel barriers, and provides real-time or time-sharing services to remote medical facilities.



SEAMLESS WORKFLOW



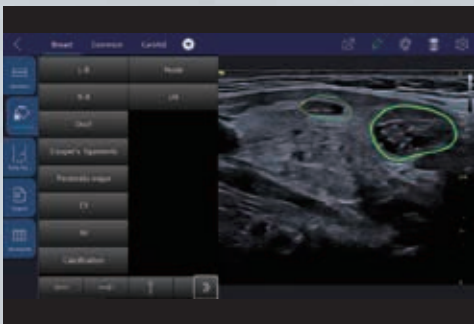
Background transfer

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



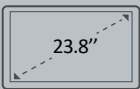
VReport

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	VIN BREAST			GENDER	Female	AGE	50y		
PATIENT ID	2020091001			EXAM DATE	19-09-2020	REF DR			
CLINICAL HISTORY (Please write here)									
BREAST LESION									
Section 1 (R)	Length	3.81cm	Width	2.16cm	Height	2.38cm	Dist. to Nipple	1.75cm	
BREAST LESION DESCRIPTION									
Section 1 (R)	Location 11 clock	2/1 clock	Location region	Anterior	Shape	oval	Color	red	
Margin	Circumscribed		Orientation	parallel	Echo-pattern	hypoechoic			
Posterior Echo	no features		calcification	no calcification		Associated info	ascularity no		
Additional info	US BI-RADS		BI-RADS 1		US Elastography	0.45			
LYMPH NODE									
Lymph Node 1 (R)	Length	1.81cm	Width	1.22cm	Height	2.05cm	Dist. to Neck	1.72cm	
RIGHT BREAST									
LEFT BREAST									

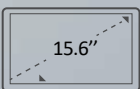


1



23.8" large monitor

2



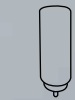
Tilttable 15.6" touch screen

3



Endocavity probe holder

4



In-built gel warmer

5



Built-in battery for 60-minute continuous scanning

6



Height and direction adjustable console

7



5 active ports