

VINNO S300

Achieving Everyday Efficiency

 **Lucid**⁺

 **ULTRASENSE**





Powered by the advanced VLucid+ platform, the innovative S300 delivers precise imaging with an intuitive interface, designed to meet the diverse needs of modern clinical practice — achieving everyday efficiency in a compact solution.



Lightweight and compact design



Enhanced imaging performance with VLucid+ technology



Versatile clinical applications for daily efficiency



Seamless workflow with an intuitive, user-friendly interface



COMPACTNESS

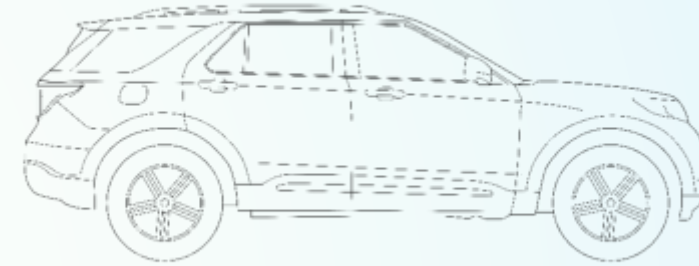
with **NEW** Lightweight and Streamlined design

- Enhanced flexibility for various scanning needs
- Facilitates immediate and precise patient care
- Designed with doctors' ease and comfort in mind

Ergonomic Design

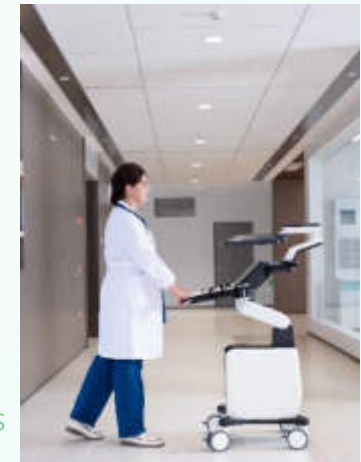


Effortless Handling
with a Sleek, Compact Design



Lightweight and compact trolley design for easy transportation

Built-in battery for up to ***6**-hour continuous scanning
for various challenging environments



*6-hour power supply requires 8-pack batteries

CLARITY

Enhanced imaging performance with VLucid⁺ technology



The background of the slide is a high-contrast, low-key photograph of a circuit board. A central integrated circuit (chip) is highlighted with a bright green glow, making it stand out from the darker, more complex patterns of the surrounding board. The chip itself has the word 'VLucid+' printed on its surface in a stylized font. The overall aesthetic is technological and futuristic.

VINNO S300

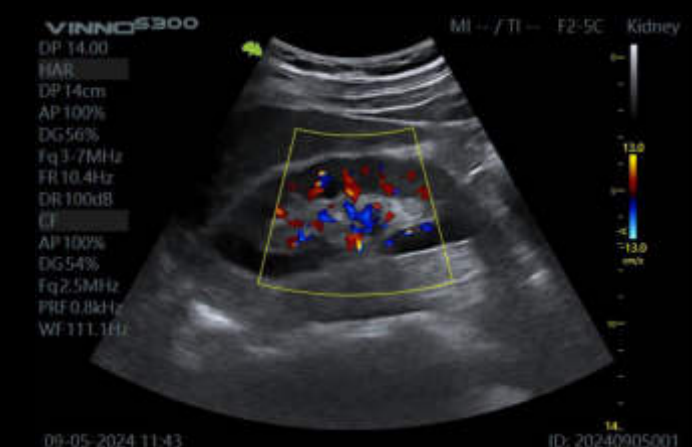
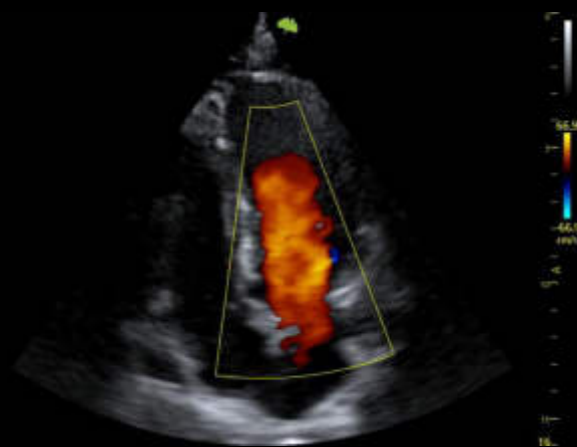
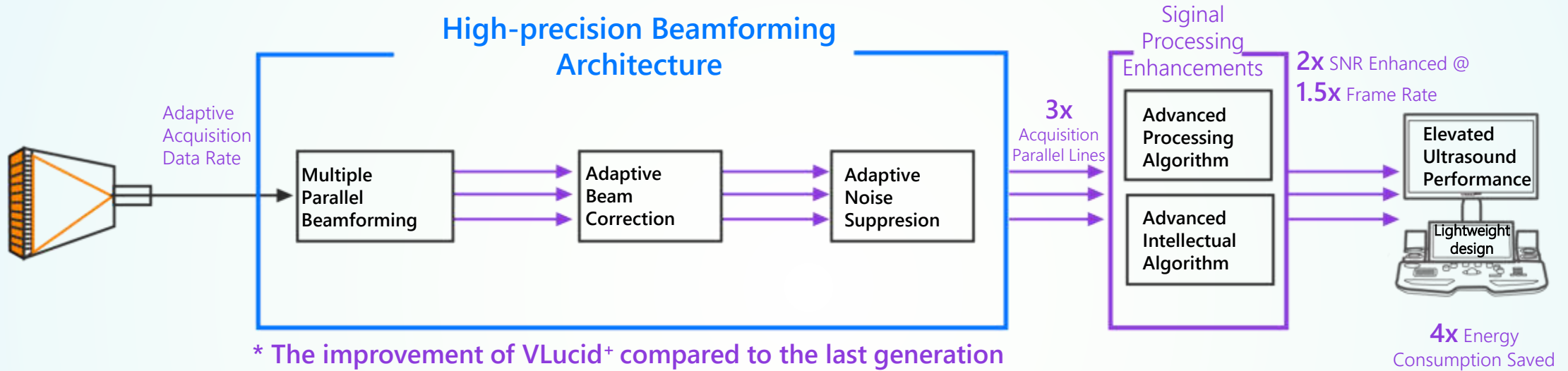
Exceptional Imaging Technology

Powered by the NEW innovative VLucid+ Architecture

* Sharing same platform with mid-to-high-end systems, offering great value without compromising quality



Clarified Vision Powered by VLucid⁺



PureWave Single Crystal | XCen Transducer Technology

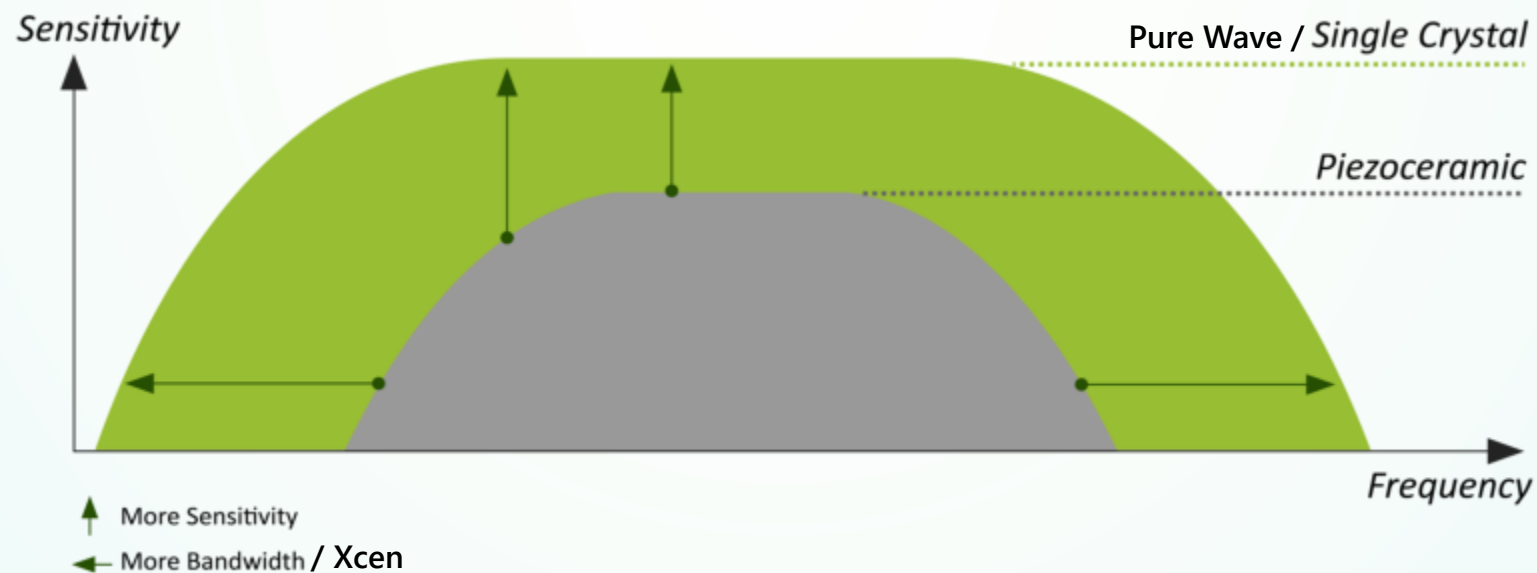


S1-6PS

(Single crystal)

PureWave Single Crystal & XCen probes offers wider bandwidths for

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



Covering Wide Range of Clinical Needs

Abdomen

- F2-5C *Recommended*

Cardio

- S1-6PS **Single Crystal**
- G1-4P *Recommended*
- G3-10P

SMP

- F4-12L *Recommended*
- I7-18L ▲

OB/GYN

- D2-6C *Recommended*
- F4-9E *Recommended*
- F2-5C

MSK

- F4-12L *Recommended*
- I7-18L ▲

Pediatrics

- G3-10P
- G3-9M
- F4-12L

Urology

- BP4-9 ▲ **bi-plane**
- F2-5C

Speciality

- G1-3RS ▲
- I7-18L ▲



▲ Tender available only

VERSATILITY

Versatile clinical applications for daily efficiency





* ULTRASense is an AI-powered workflow and decision support tool

General Imaging Solution



- VAid Thyroid
- VFlow / VLuminous Flow
- Elastic Imaging
- Needle Enhancement
- TView / PView

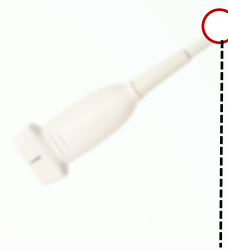


General Imaging Solution



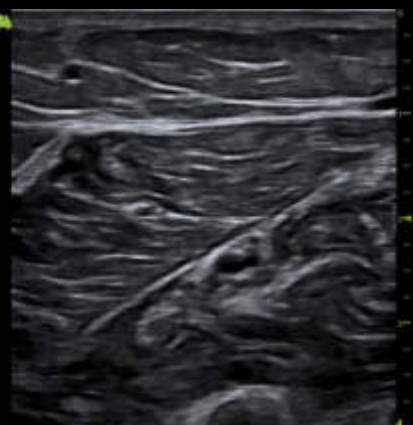
F2-5C

OB/GYN, Abdomen, Urology



F4-12L

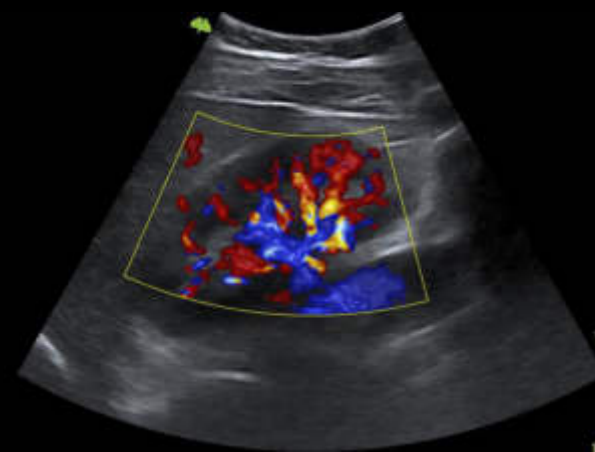
Vascular, Small parts



MSK 2D



Thyroid 2D



Kidney VLuminous Flow



Abdominal aorta CF

General Imaging Solution

Intelligent Evaluation and Staging of **Thyroid Diseases**

VAid Thyroid

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



Automatic recognition and storage of 5 standard thyroid planes

Real-time lesion detection and automatic analysis aligns with TI-RADS categorization

VAid Analysis

1

Reference **TI-RADS 2** 92%

Echo:	Anechoic
Shape:	Wider Than Tall
Margin:	Smooth
Strong Echo:	No Calcifications
Horizontal:	0.84 cm
Vertical:	0.51 cm

Benefits

- Streamlined automatic and real-time workflow provides more effective thyroid scanning
- Auto-detection of lesions avoids missed-diagnosis
- TI-RADS analysis enables comprehensive and accurate nodule classification to improve diagnostic accuracy

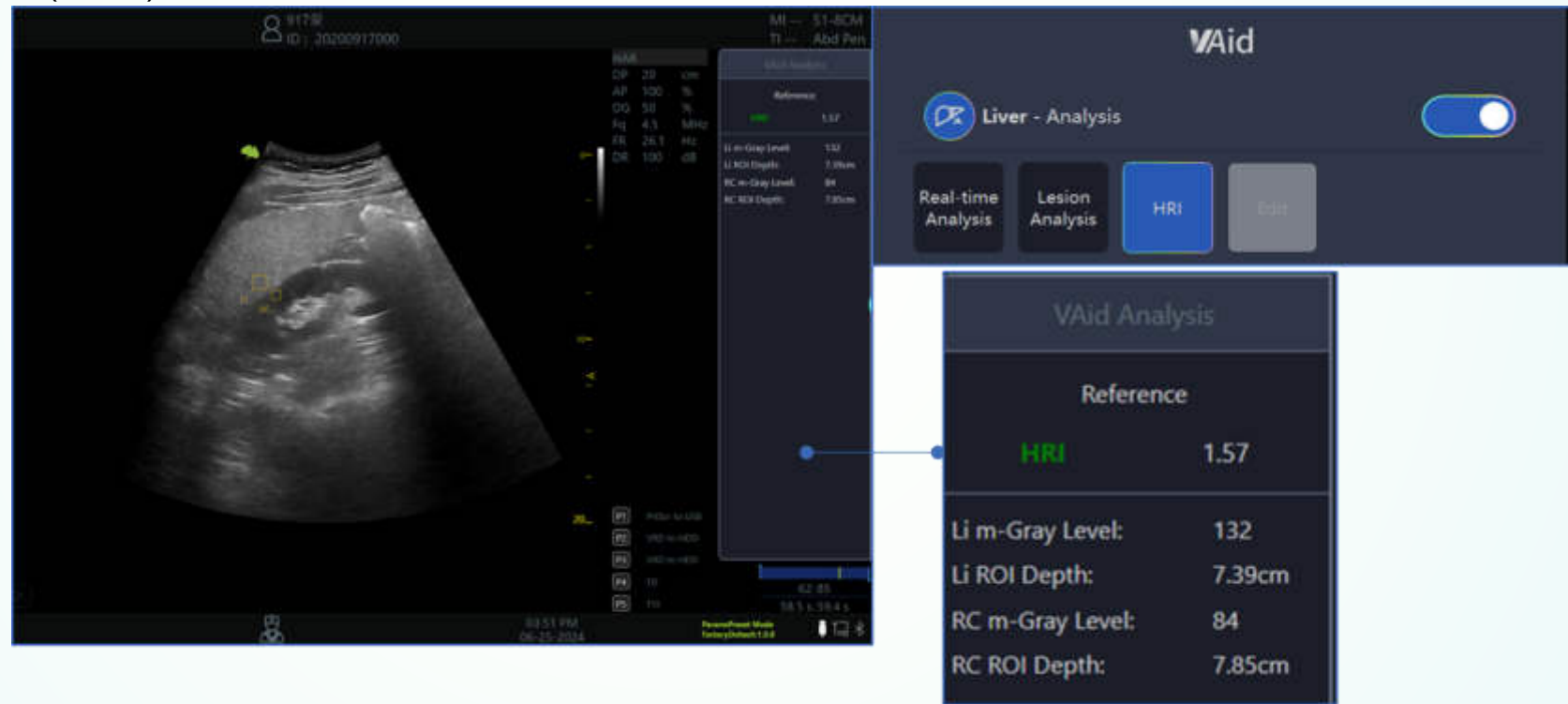
General Imaging Solution

Intelligent Evaluation of Fatty Liver



VAid HRI

One-click process to quantify liver steatosis by comparing echogenicity of liver parenchyma to renal cortex. Automated liver and renal cortex recognition and position two ROIs to calculate Hepa to Renal Index (Li/RC).



Benefits

- Auto-detection of Hepa to Renal Index to help quantify liver steatosis

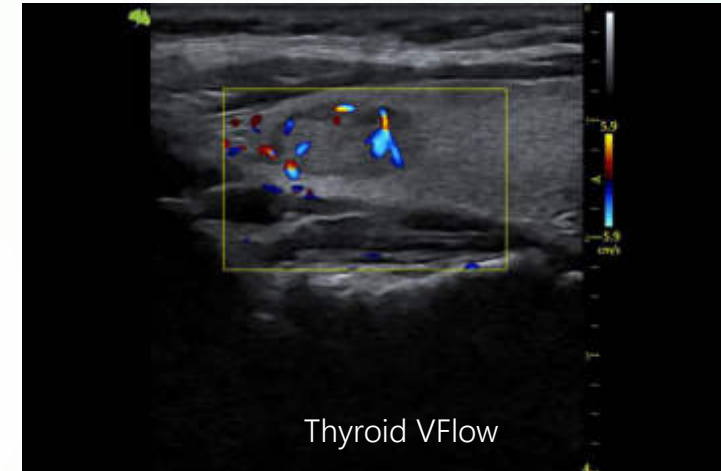


General Imaging Solution

Advanced Hemodynamic Assessment Techniques

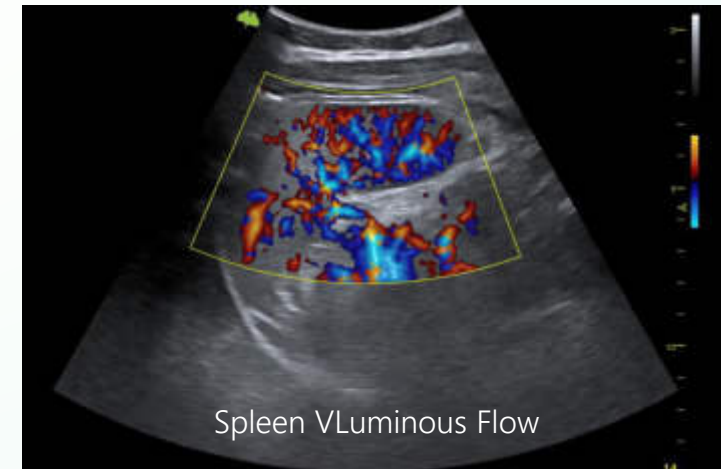
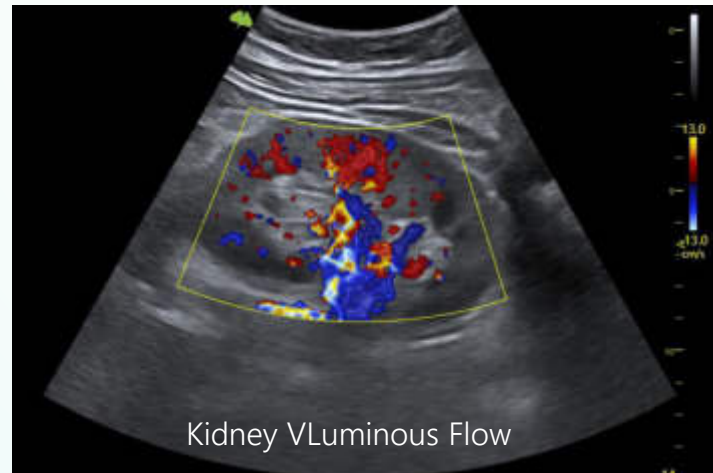
VFlow

A sophisticated color Doppler technology with greater sensitivity, can help to detect even the peripheral blood vessels. It enables accurate diagnosis when blood flow examination is especially difficult.



VLuminous Flow

A 3-dimensional visualization of blood flow helps understand the structure of blood flow and small vessels intuitively.

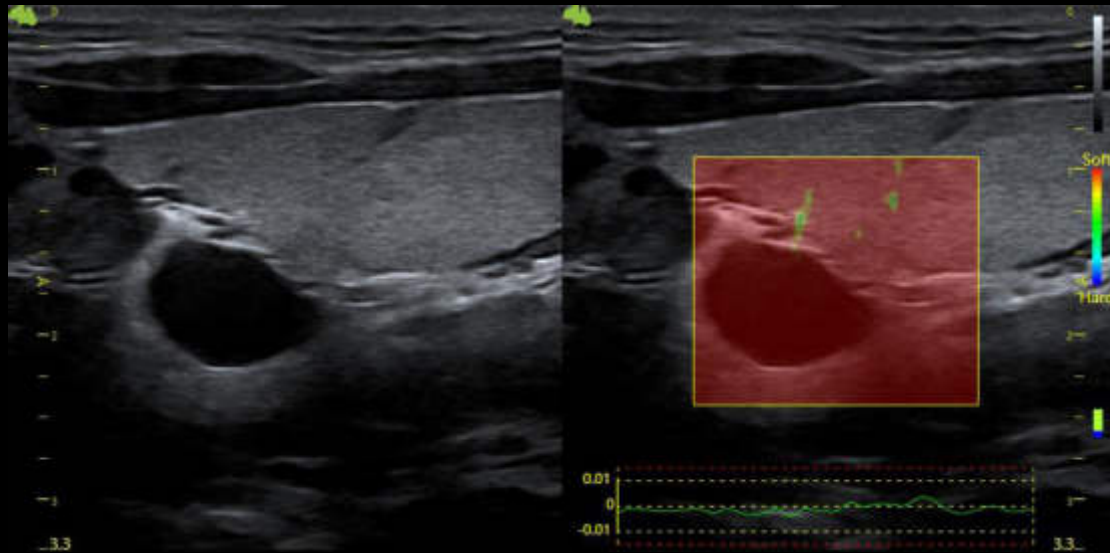


General Imaging Solution

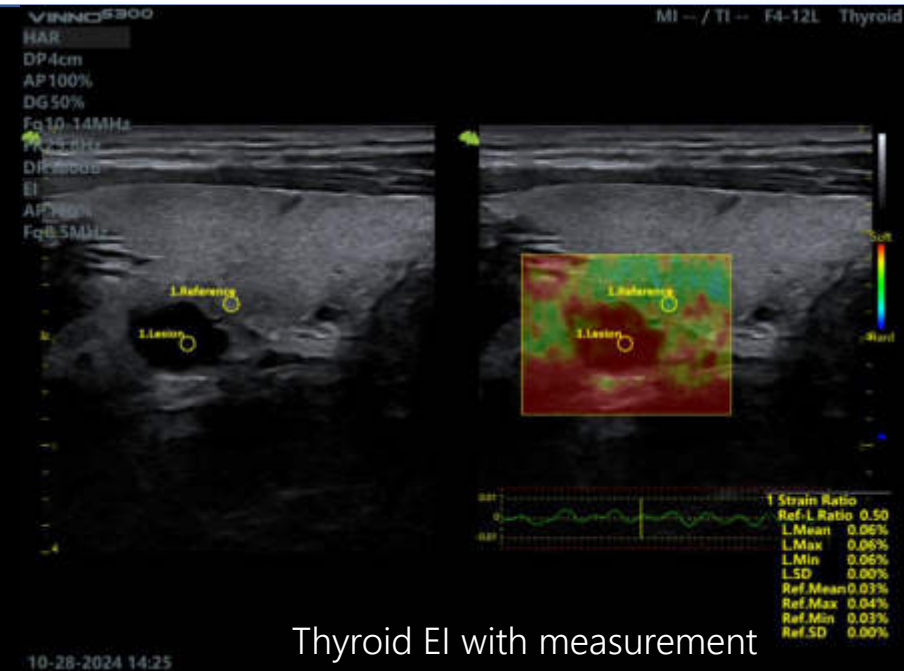
Semi-Quantitative Evaluation of Tissue Stiffness

EI(Strain Elastography Imaging)

A non-invasive, real-time technique that measures tissue stiffness to detect early cancer signs, reduce biopsies, and monitor fibrosis in chronic liver disease. It's especially useful for breast, liver, thyroid, prostate, and MSK assessments.



Thyroid EI



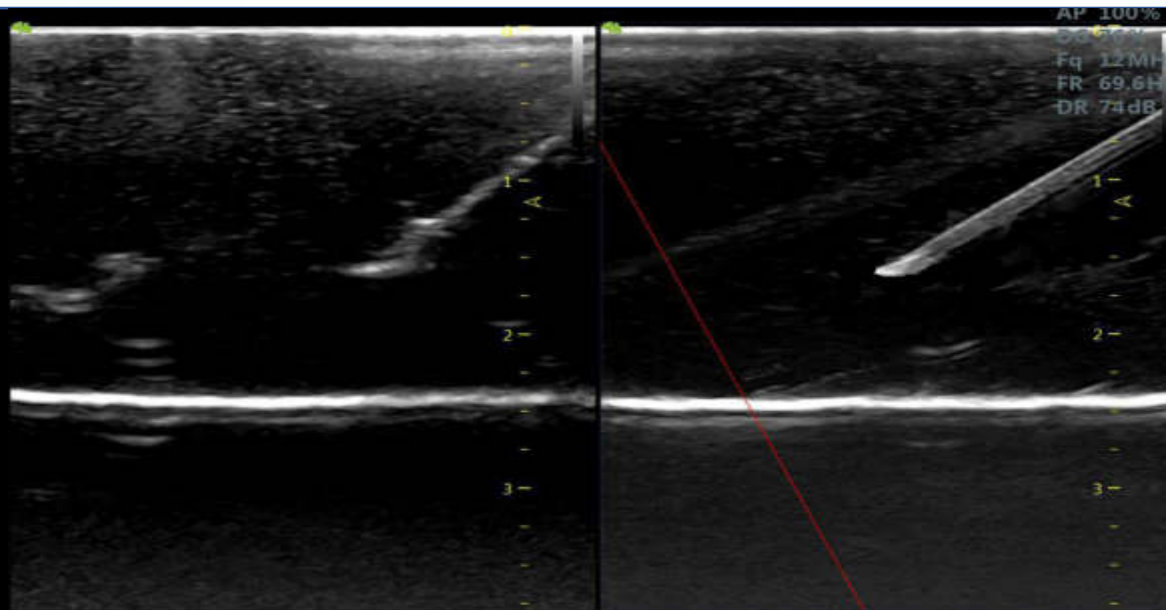
Thyroid EI with measurement

General Imaging Solution

Enhanced Visualization and Precision for **US-Guided Procedures**

Needle Enhancement

A straightforward needle approach with enhanced needle visualization to target and improve accuracy for ultrasound-guided procedures.



Needle enhancement OFF

Needle enhancement ON

General Imaging Solution

Enhanced Visualization for Accurate Diagnosis

TView (Trapezoidal Imaging)

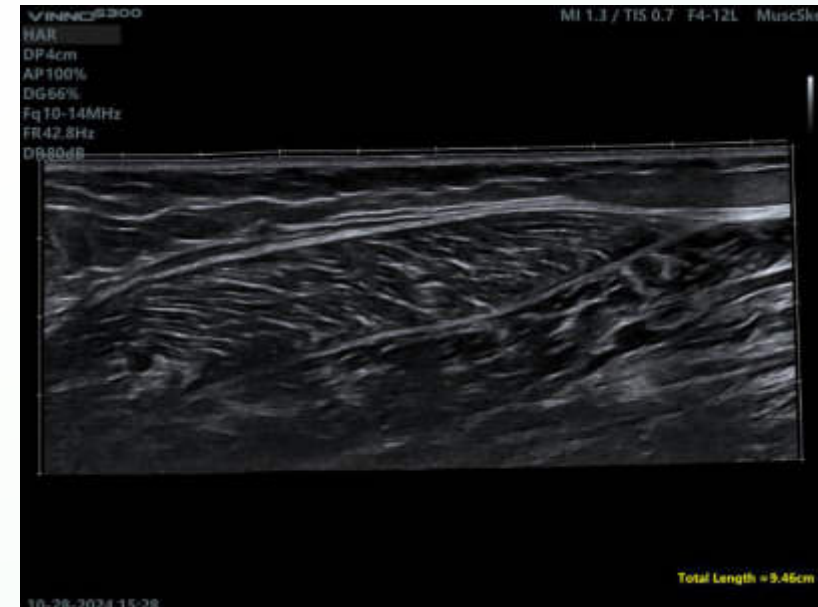
Expands the field of view for improved visualization of larger anatomical areas, enhancing diagnostic accuracy in challenging scans, particularly in vascular and musculoskeletal applications.



Thyroid TView

PView (Panoramic Imaging)

Enhances clinical efficiency and diagnostic accuracy by providing a seamless, extended field of view, reducing the need for repositioning and repeat scans.



MSK PView



* ULTRASENSE is an AI-powered workflow and decision support tool

Women and Neonates' Health

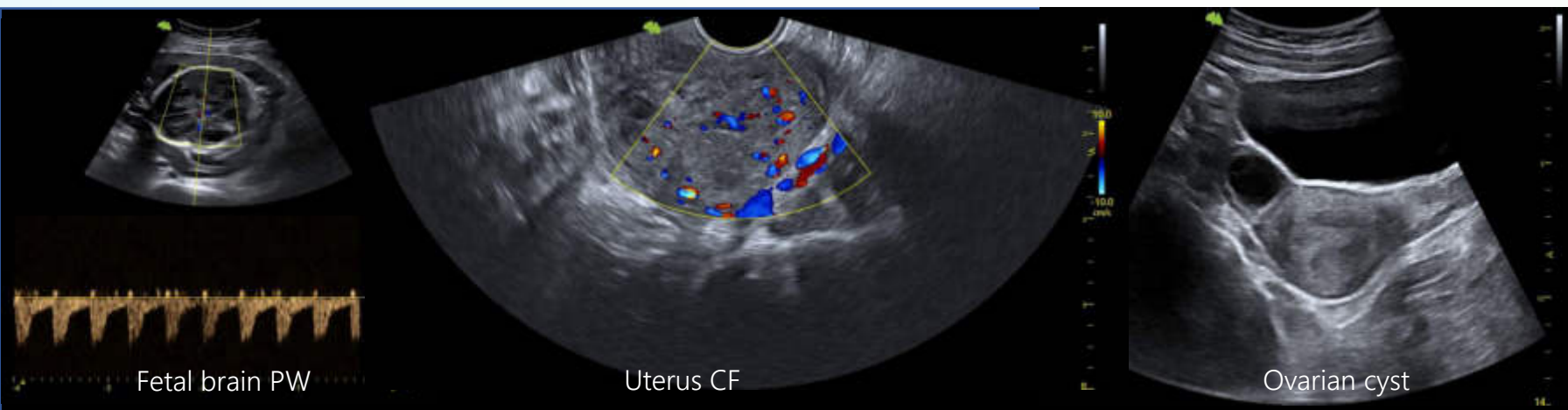
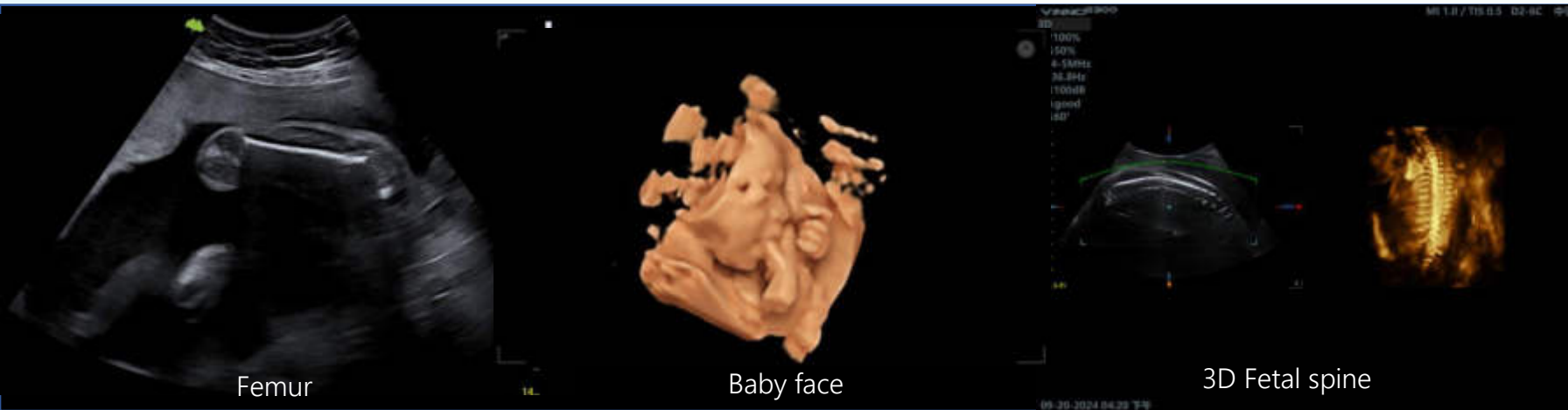


- VAid Breast
- VAim Follicle, VAim OB, VAim Pelvic, VAim Hip



- Color 3D
- Smart Face
- HQ Surface, HQ Grad & HQ Silhouette

Women's Health Solution



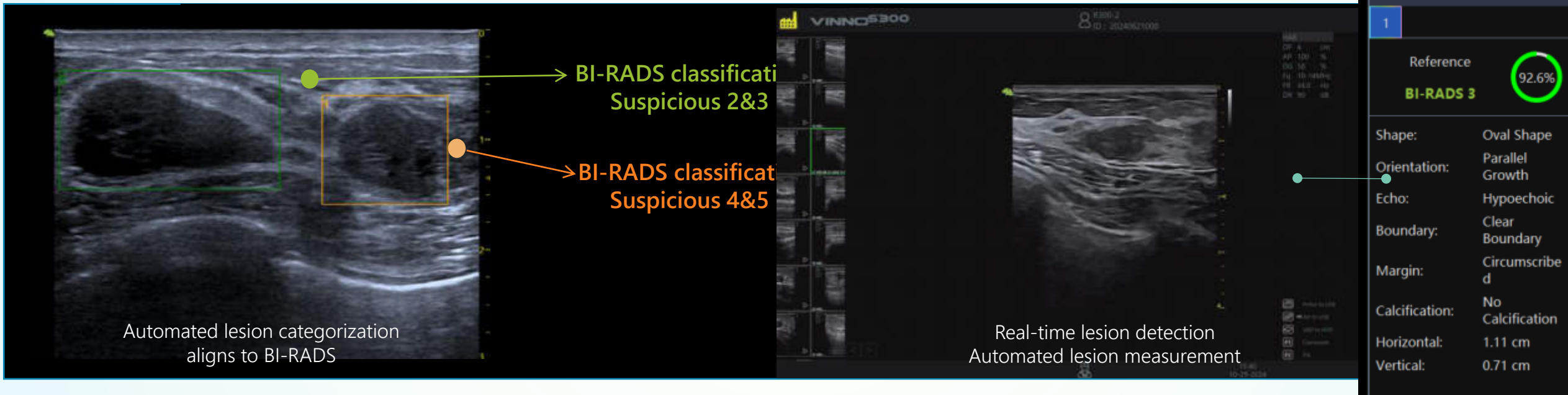
Women's Health Solution

Intelligent Evaluation and Staging of Breast Diseases



VAid Breast

Intelligent analysis of breast nodules with real-time lesion detection, automated measurement and categorization aligns to BI-RADS.



Benefits

- Makes routine breast scanning more accurate and productive
- Real-time and automatic multi-lesion detection avoids missed-diagnosis and increase efficiency
- Smart Bi-RADS indication with streamlined measurements

Your second 'expert' opinion



Women's Health Solution



Intelligent screening and diagnosis for Endometrial Diseases

Auto En.

Based on deep learning technology, Auto En. provides automatic and accurate measurement of endometrial thickness for clinical screening and diagnosis, facilitating timely and accurate clinical assessments for endometrium and reducing scan time.

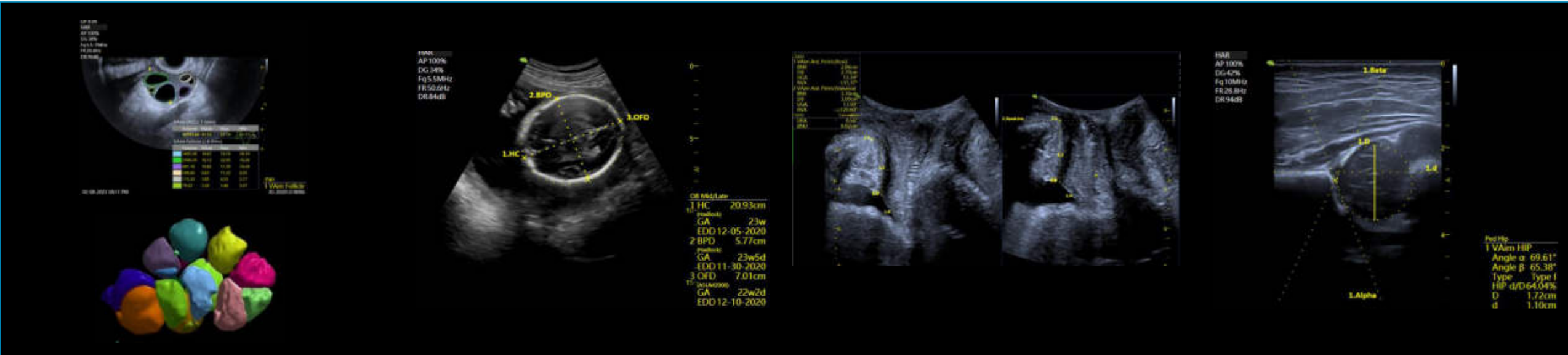


Available on transvaginal probe under Uterus preset



Women's Health Solution

Intelligent Women & Neonates' Solution



VAim Follicle

Auto-detection of follicle number and volume calculation on both 2D & 3D

VAim OB

Automatic measurements of fetal biometrics

VAim Pelvic

Automatic measurements of pelvic floor on both 2D & 3D

VAim Hip

Auto detection and measurement of α and β angles for easy Graf classification

One-click intelligent measurements



Women's Health Solution

Intelligent 3D/4D Fetal Face Imaging

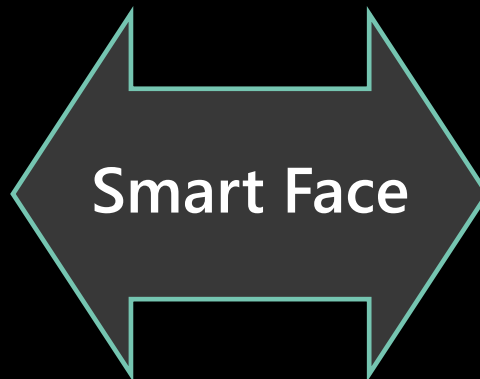


3D Smart Face

One button to intelligently remove fetal face occlusions with auto adjustment of angle rotation, makes it super easy to get 3D/4D fetal face imaging.



Smart face before



Smart face after



More intelligent, accurate and easy to use

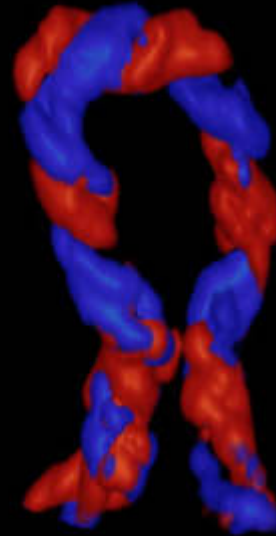


Women's Health Solution

Color 3D

Enhanced Visualization of 3D Vascular Imaging

Advanced acquisition and rendering technology to provide improved visualization and structure expression, for better understanding of natural hemodynamics of vascular networks, such as umbilical cord and fetal heart.



Umbilical Cord Color 3D

Acquire a deeper understanding of natural hemodynamics





* ULTRASENSE is an AI-powered workflow and decision support tool

Cardiovascular

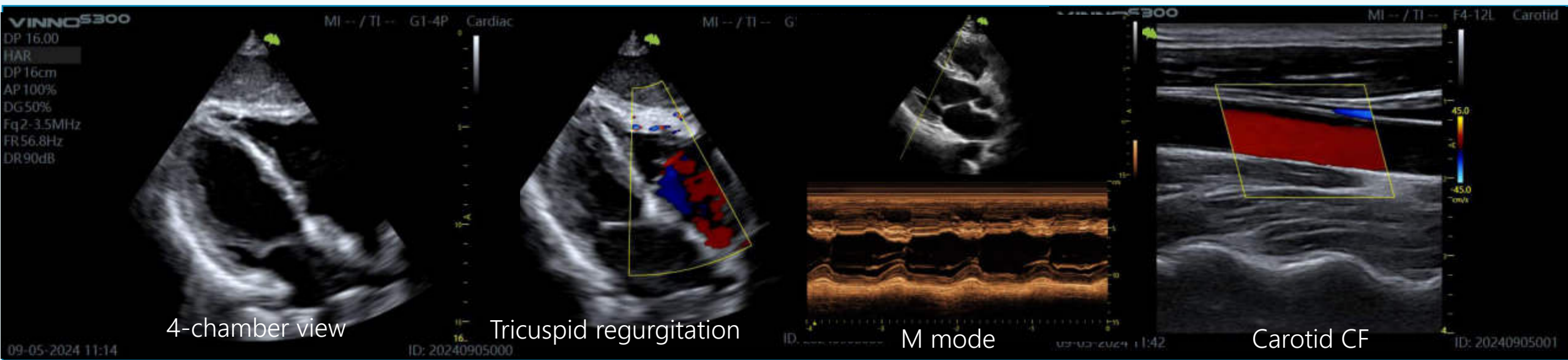


- Strain Imaging
- Auto EF
- Live IMT



- Stress Echo
- vCQ

Cardiovascular Solutions

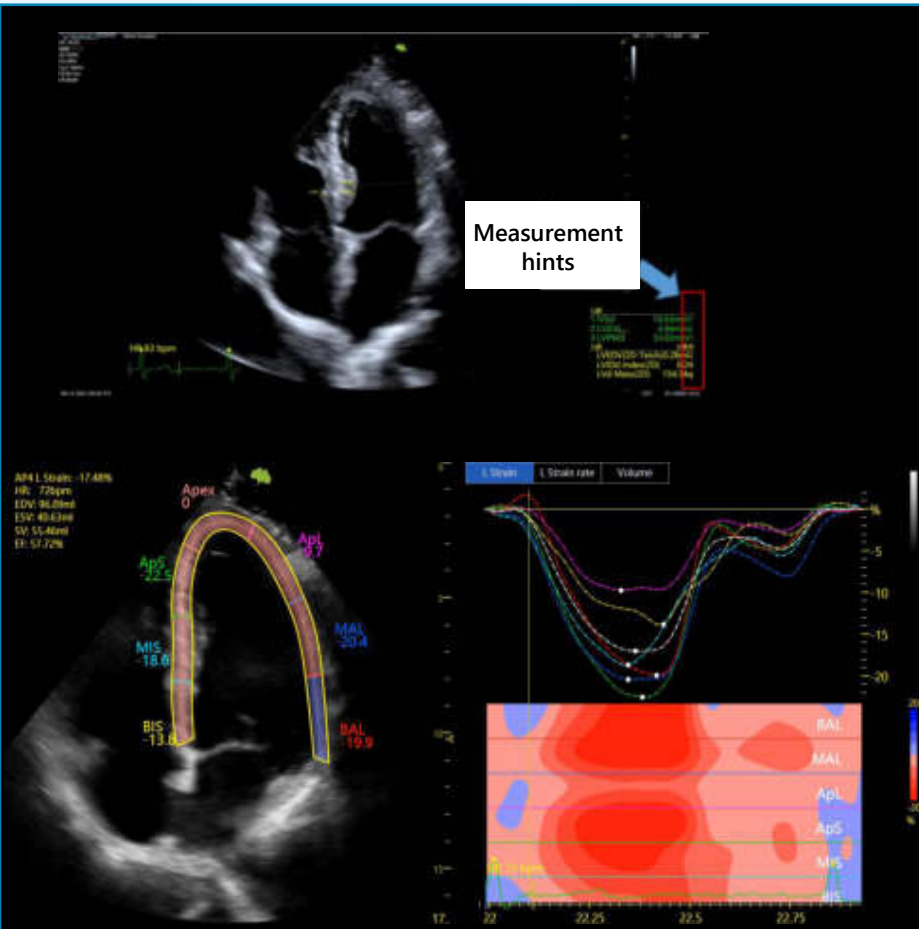


Cardiovascular Solutions

Effective Cardiovascular Evaluation

vCQ

(VINNO cardiac Quantification)



Strain Imaging

Semi-automated quantification of deformation of LV

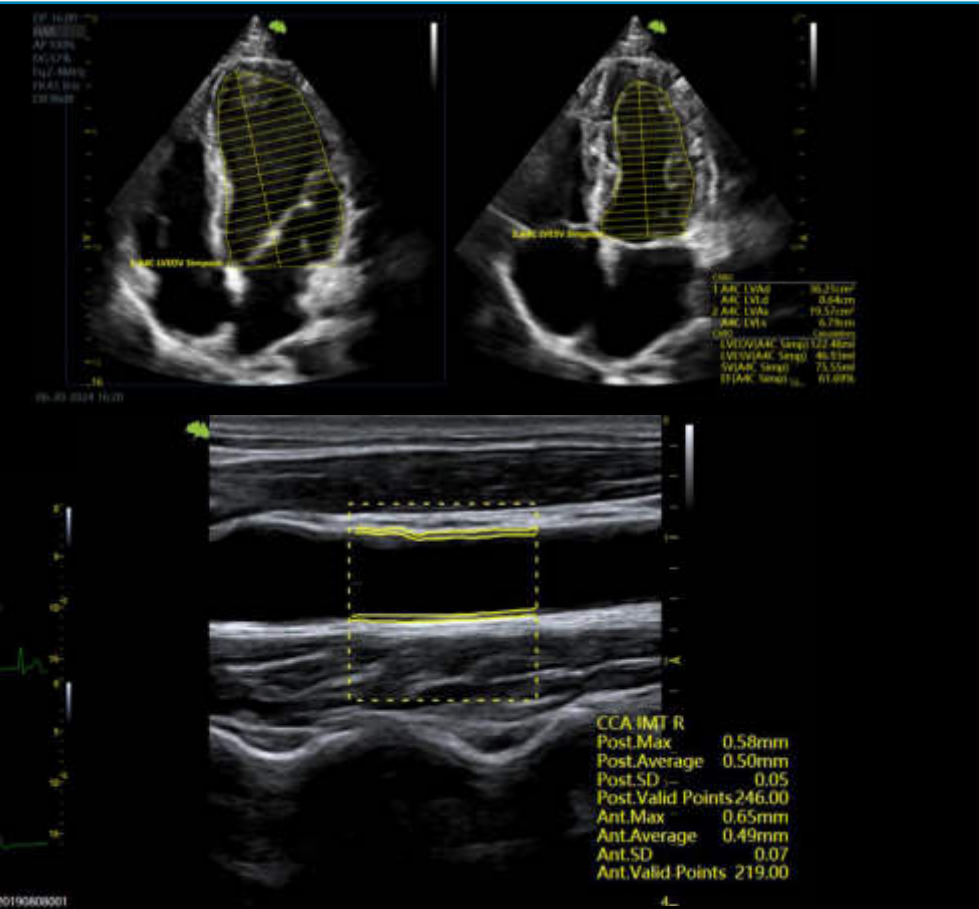
CW



Stress Echo

Combination of 2D echo and stress tests to evaluate myocardial motion

Auto EF



Live IMT

Real-time and auto measurement of both anterior and posterior wall



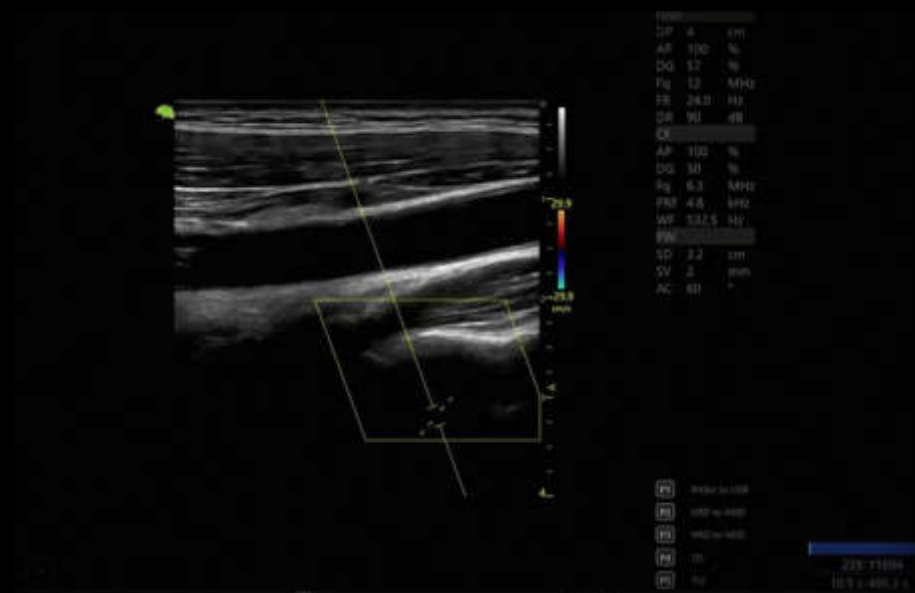
Cardiovascular Solutions

Intelligent workflow for **Vascular Exam**



Live Track

Provide a fast and intelligent optimization for vascular imaging with a simple one-touch operation. Optimize the Color/Power/PW (e.g. ROI position, steer angle) by self-tracking and reduce time-consuming steps, simplifying the vascular exam workflow with an optimal view.



Cardiovascular Solutions

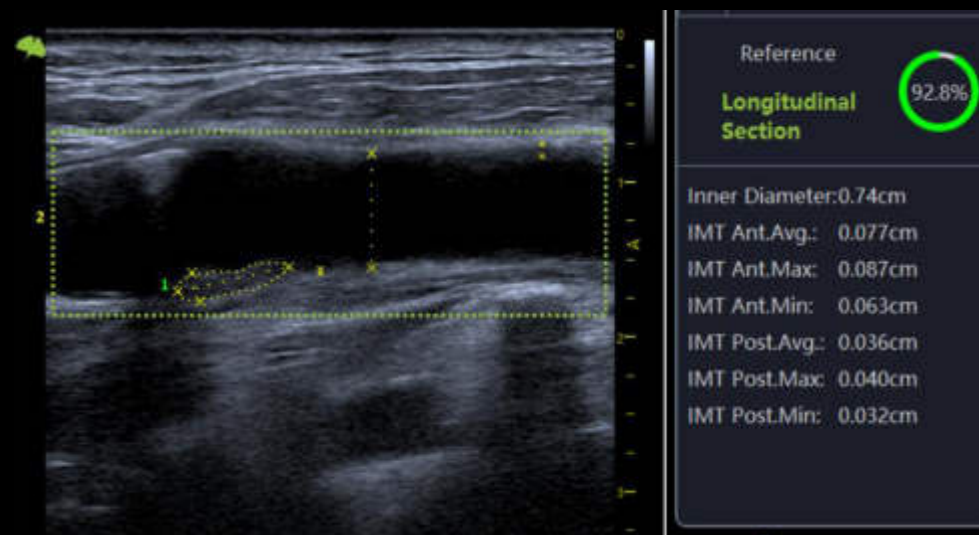
Intelligent assessment for **Stroke Risk**

VAid Carotid Plaque

Automatically identify, describe and measure carotid plaques powered by deep learning. VAid CP analyze plaque echogenicity, shape, size and vulnerability, which are critical factors in assessing stroke risk, therefore significantly enhance the accuracy of stroke risk assessment caused by carotid plaque. Great value in early detection and facilitating the implementation of preventive measures to reduce stroke risk.



VAid Carotid Plaque



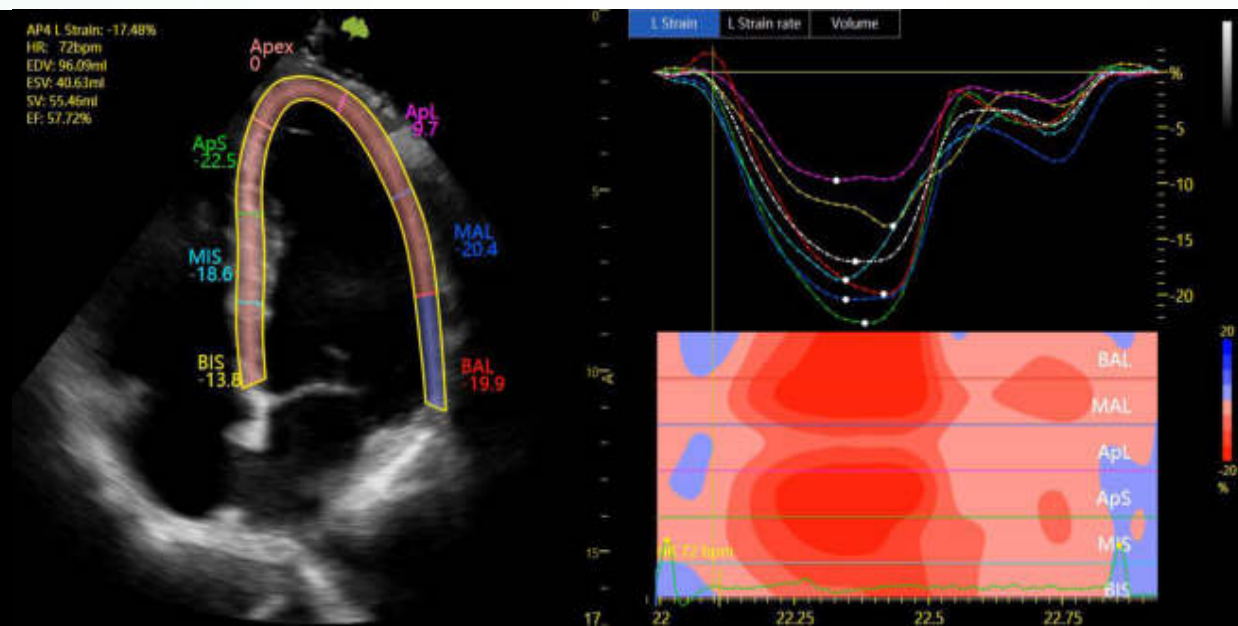
VAid Carotid Plaque measurement

Cardiovascular Solutions

Effective cardiovascular evaluation

Strain Imaging

Semi-automated, angle-independent speckle tracking to assess LV deformation and myocardial movement throughout the cardiac cycle. It ensures quick, accurate measurements with the option for manual adjustments to maintain clinical precision.

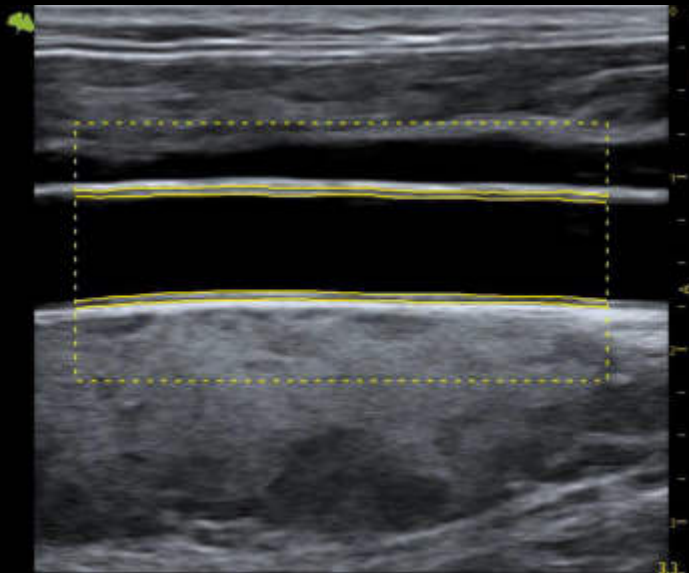


Cardiovascular Solutions

Real-time Measurement for Vascular Health

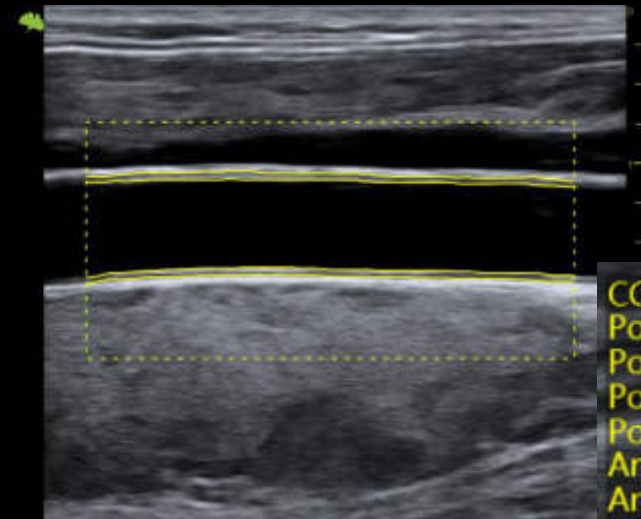
Live IMT(Real-time IMT Measurement)

RF-data based IMT measurement provides high precision, real-time and auto measurement of **both anterior and posterior walls**, for early detection of arteriosclerotic and CV risk assessment and the pharmacological treatment follow-up.



Carotid Live IMT

DP: 3.00
NAI:
AP: 100%
DG: 65%
Fq: 8-12MHz
FR: 47.1Hz
DR: 90dB



Live IMT measurement

CCA IMT R
Post.Max 0.53mm
Post.Average 0.45mm
Post.SD 0.04
Post.Valid Points 598.00
Ant.Max 0.58mm
Ant.Average 0.45mm
Ant.SD 0.06
Ant.Valid Points 568.00

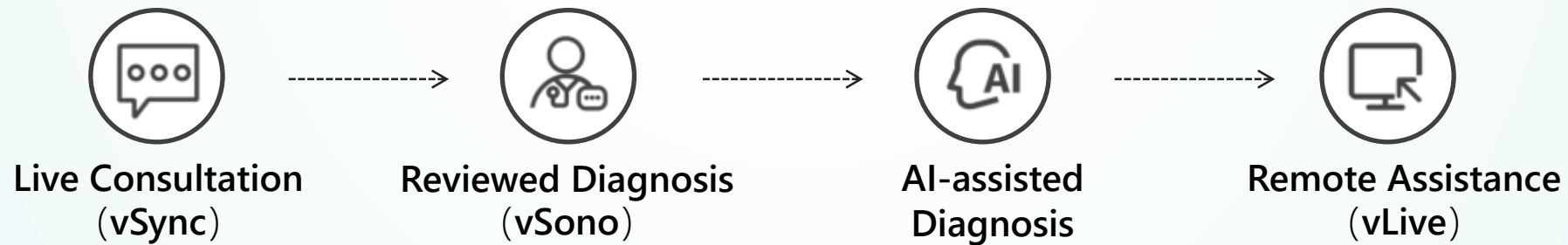
USABILITY

Seamless workflow with an intuitive, user-friendly interface



FLYINSONO

Connect anytime, from anywhere, at any terminal



VINNC5300



Achieving Everyday Efficiency

Outstanding Imaging Performance

- VLucid+ Platform
- Purewave + XGen Transducer Technology
- Advanced processing algorithm



Versatile Clinical Applications

- Diverse clinical applications
- Intelligent solutions powered by UltraSense



Designed for Your Daily Efficiency

- Elevated productivity
- Ergonomics for effortless comfort

