VINNO

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

VINNO

COMPANY
PROFILE

VINNO is a comprehensive medical company which integrate research, Manufacture and sales. As a global leader of Color Doppler ultrasound, VINNO is committed to providing superior healthcare solutions and services worldwide to meet the diverse needs. Also, VINNO perseveres in exploring and innovating, seeking out globally-oriented talents, and forging open partnerships to create extraordinary value for our customers and to promote the development of world medical care.

THE SYMBOL OF OUR CULTURE
GINKGO

Ginkgo once survived the catastrophe and only grow in China, but now it has spread all over the world.

It has been used for generations to care for human health with its high medicinal value and symbolizes the continuity of life.

With the spirit of Ginkgo's resilience and composure, VINNO wants to be a pioneer of the times, guarding and caring for every life, making its name known around the world.

Innovative design

Appearance design
Ferrari sports car designer

TÜVRheinland®

CE 0197

ORIGINAL

100%
In-house

VINNO has a team of 300 R&D engineers, the core R&D team are all from the world's top senior R&D talents, and 50% of them have more than 15 years of R&D experience, which provides a strong guarantee for technological innovation.

Nearly 300
Patents

VINNO has long been committed to the "Intelligent Manufacturing " push, creating the first-ever RF metadata platform that brings together more than hundreds patented technologies to ensure stable performance and future technology updates. More than 30 VINNO products have been granted product registration certificates by the National Medical Products Administration and the CE certification from the European Union.

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Open Partnerships

VINNO has established long-term cooperation with well-known institutions such as University of Cambridge, Xi'an Jiaotong University and Southeast University. The company has also gained access to the expertise of a number of top-level domestic and overseas clinical experts, and its integrated circuits are supplied by internationally renowned manufactures such as Texas Instruments (TI) and Analog Devices, Inc. (ADI).

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Software Copyrights

VINNO has undertaken a number of national key R & D projects, and received China Patent Excellence Award and Italian A'Design Award, also VINNO was selected as Forbes "Corporate List of 2018 Unlisted Companies with Potential".
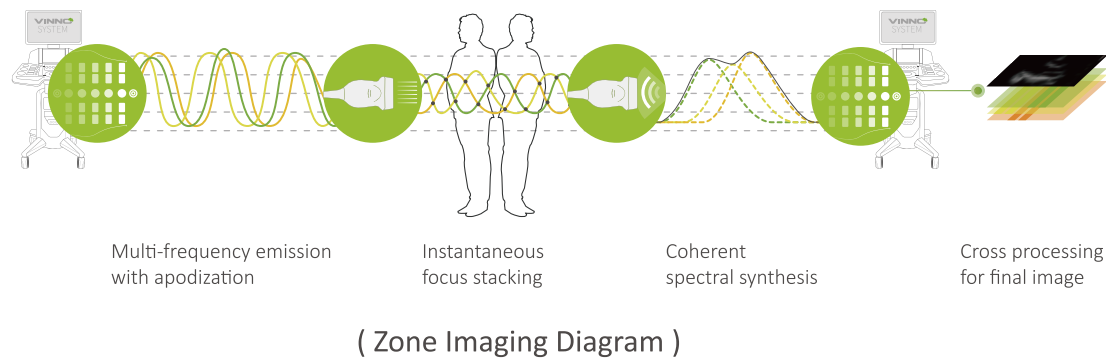
An innovative RF Metadata Platform

A high-quality, advanced ultrasound platform that delivers superior data processing power over conventional ultrasound.

Massive Data Throughput

Advanced algorithms and high-fidelity easy-to-export RF raw data make it easier to extract more tissue information, thus facilitating academic research.


The RF metadata platform developed in-house at VINNO is capable of full-data processing at the scientific level. It transcends the high loss limits on traditional ultrasound platform and provides clearer images for greater diagnostic confidence.

| Multi-frequency emission with apodization | Instantaneous focus stacking | Coherent spectral synthesis | Cross processing for final image |

(Zone Imaging Diagram)

The Insightful VLucid platform

The VLucid platform integrates the new adaptive beam correction technology with high-performance hardware architecture, helps you to make more confident diagnoses with outstanding 2D images and enhanced color performance.

VLucid Platform — AI power — High-performance hardware architecture — VLucid Doppler technology — New adaptive beam correction technology
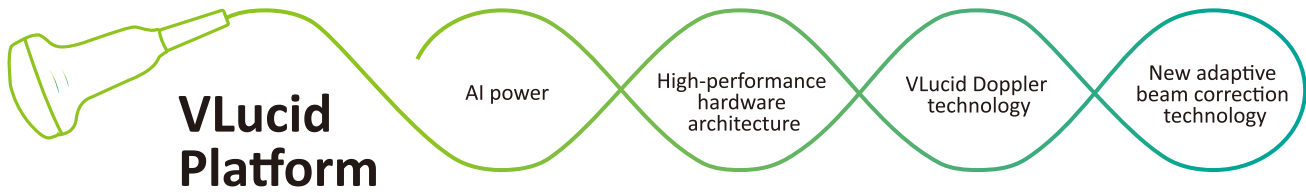
Pure Wave Probe Technology

» Makes use of single-crystal materials for images with higher resolution and greater penetration compared with traditional ceramic probes.
» The probe set, which offers a selection of choices, brings high-quality imaging with excellent resolution and penetration.
» The unique high-frequency 23MHz probe makes the display of tiny lesions a reality.
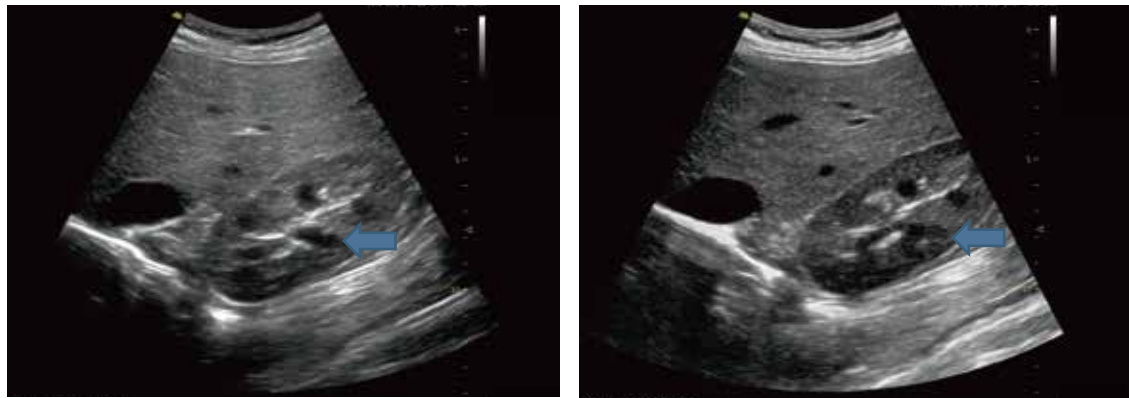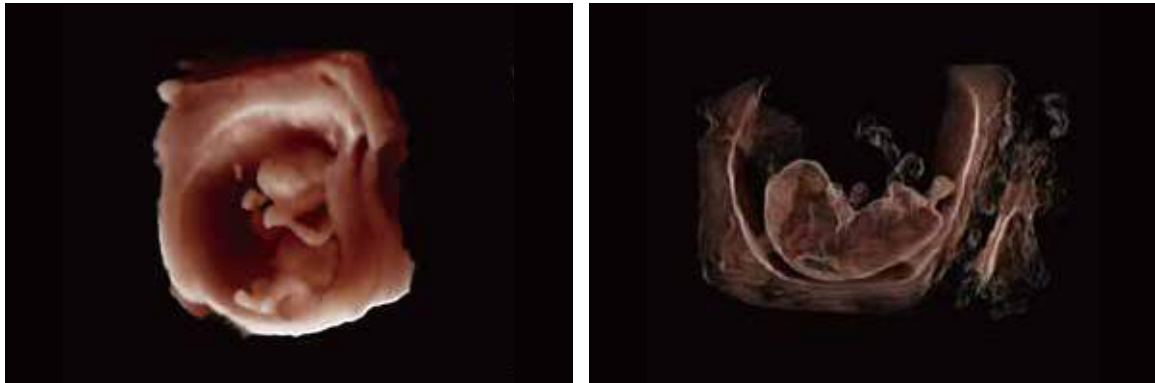

Traditional ceramic probe   Pure wave single crystal probe

Superb 3D/4D Images

Every possibility explored for a brand-new visual effect

HQ and HQ Silhouette Modes

Outstanding 4D probe for high-quality volumetric imaging Real-time
Dynamic stereo display of the scan area, intuitive images, and abundant information

Professional In Vitro Fertilization (IVF) Application

An integrated solution for advanced diagnosis and treatment in the field of reproduction, which can effectively evaluate and treat the tubal patency, the obstruction site and the condition of the uterine cavity, thus greatly improve the accuracy of the tubal display.

Contrast Bubble Imaging

Contrast agent microbubbles helps to enhance tissue echos and significantly improve the resolution and sensitivity of disease display, which assists physicians to clearly observe the blood perfusion and improve the detection accuracy of lesions.
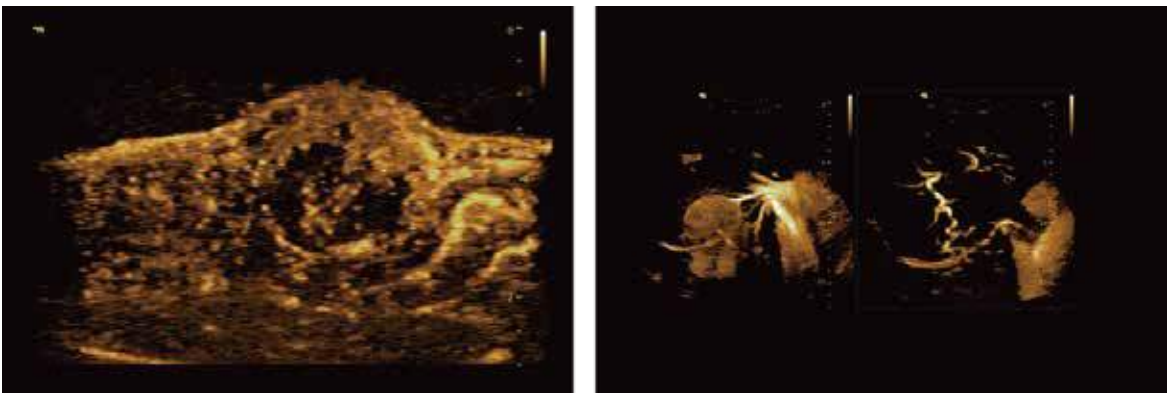
Shear Wave Elastography(VShear)

A non-invasive method to detect the velocity of the shear waves propagated through the target area and provide quantitative tissue characteristic information.
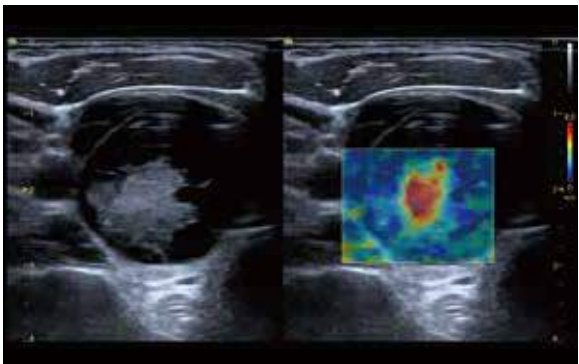
Intelligent solutions(AI)

VAid

VAid is an AI powered, innovative tool for breast lesion detection in real-time or on stored images (static & cine)，it can automatically analyze lesion characteristics and assign the BI_RADS category with one touch of 'VAid'.
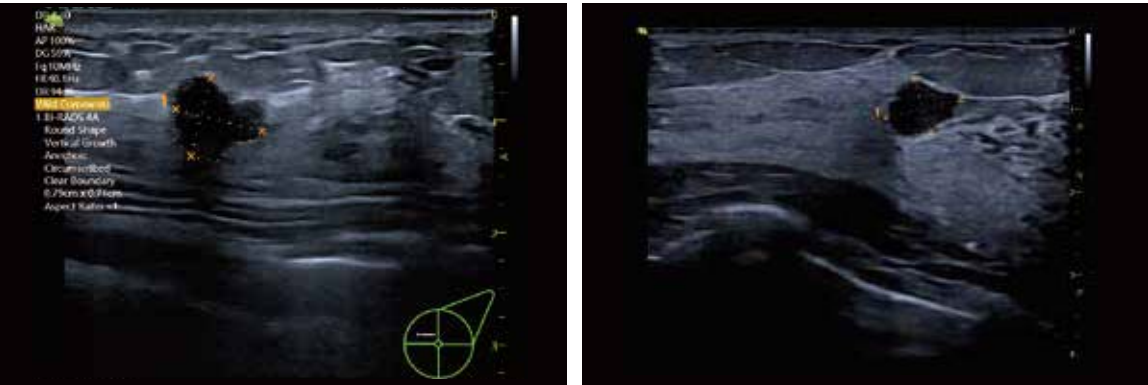
VAim Ant.Pelvic and 3D Levator Ani

An artificial intelligent technology for pelvic measurement, VAim Levator Ani and Ant.Pelvic, providing pelvic measurement results with one touch, which enable users to assess pelvic structure for postpartum women in an easier and accurate way.
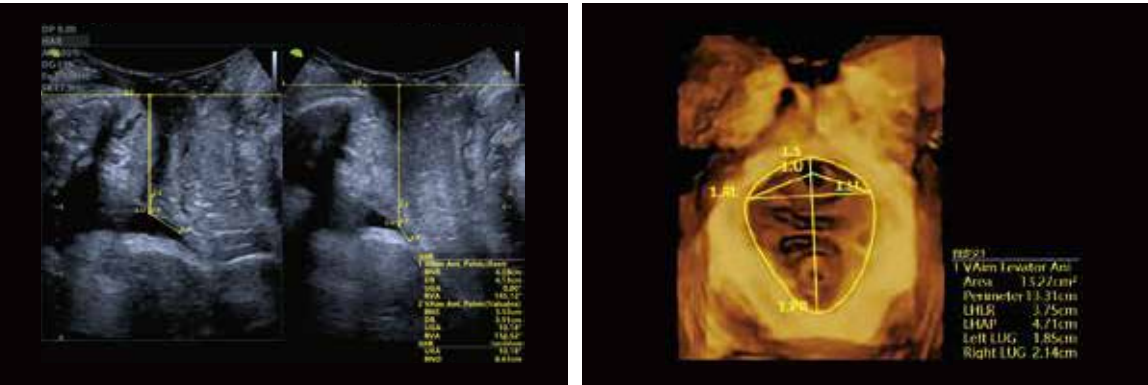
VAim Ant. Pelvic in 2D   VAim Levator Ani in 3D

VAim OB

Artificial intelligent technologies for fetal biometric measurement and growth analysis, user can activate the measurement items(BPD, OFD, HC, AC, FL, HL) and get the results with one simple touch, which is dedicated to simplify the obstetric ultrasound examinations and improve measurement accuracy.

VAim follicle

An advanced tool for follicle calculation, which can automatically identify follicles on a given 2D image, draw its boundary with different colors and measures its volume for a rapid assessment, dedicated for women's reproductive healthcare.
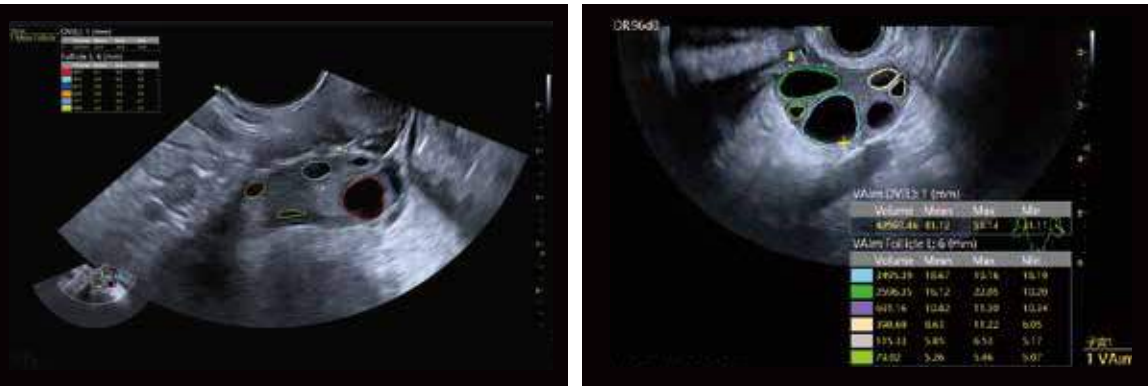
Easy Micro-magnetic Tracking (VGuide)

Even more advanced puncture guidance technology for simplicity and accuracy

The puncture process becomes more precise, easier and simpler with the assistance of puncture needle positioning in in-plane/out-of-plane punctures.
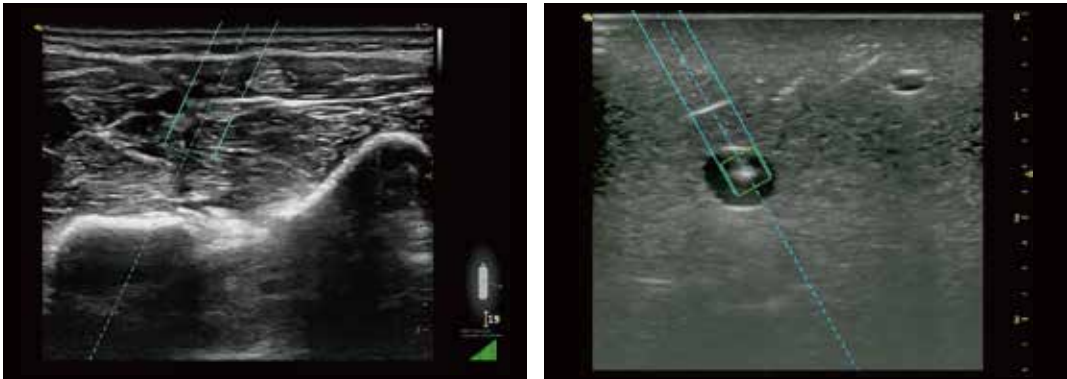
VNavIn

New tool that navigates inside the 3D volume data and projects an inside-out perspective image that displays the inner most structures like virtual endoscopy.

Pulse Wave Velocity (PWV)

Ultra-high frame rate, more accurate local measurement

PWV has an image frame rate that is higher than that of the traditional B-mode. It significantly improves the accuracy of local measurements for effective assessments of vascular stiffness. Objective detection indicators are provided for the screening and evaluation of risk factors of arteriosclerosis to facilitate early detection, early treatment and prognosis.

Local pulse wave velocity detection performed on the carotid artery based on M80

The PWV user interface

The Handheld Ultrasound: The Future Is In Your Hands

A "pocket" ultrasound for family use

Highly integrated cutting-edge technology, compact in size, and powerful in performance

A DEDICATED APP FOR ULTRASOUND PHYSICIANS

The FLYINSONO solves the problem of lack of ultrasound physicians and provides solutions for graded diagnosis and treatment. This app tailored to the needs of ultrasound physicians, includes several major functional modules, real-time and flex-schedule diagnostics, live online ultrasound training, instant messaging, and AI-aided diagnostics.

- Real-time consultation
- Flexible consultation scheduling
- Remote maintenance
- Training

VINNO G86

Exceptional Intelligence

» The Breakthrough VLucid Platform
» Shear Wave Elastography Imaging (VShear)
» Contrast Bubble Imaging (CBI)
» Vinno Artificial Intelligent Detection Technologies
» VNavIn
» VWorks

VINNO M86

Exploring New Horizons

The Breakthrough VLucid Platform «
VAim OB «
VAid for breast «
HQ Silhouette «
3D Auto Follicle «
HSG(Hysterosalpingography) «

VINNO G55

Complete flexibility, outstanding quality

FLYINSONO--Remote intelligent solution «
Contrast Bubble Imaging(CBI) «
Stress Echo «
HQ (High Quality) 3D/4D «
Elastography Imaging «
Streamlined Workflow «

VINNO G65

Designed For High Expectations

» The Breakthrough VLucid Platform
» Contrast Bubble Imaging (CBI)
» Strain Imaging
» HQ (High Quality) 3D/4D
» 3D Auto Follicle

VINNO E20

Slim,Smart,Super

Innovative RF platform »
Live IMT »
HQ (High Quality) 3D/4D »
Stress Echo »
VAim OB »
Streamlined Workflow »

VINNO E35

Affordable luxury

» Innovative RF platform
» Ergonomic Design
» VLuminous Flow
» HQ (High Quality) 3D/4D
» Strain Imaging
» FLYINSONO--Remote intelligent solution

VINNO8

Groundbreaking design, powerful capabilities

» Innovative RF platform
» Ergonomic Design
» VLuminous Flow
» HQ Silhouette
» FLYINSONO--Remote intelligent solution

VINNOA5

Deliver Simplified Clinical Solution Anywhere

Simple UI «
Compact design «
VLuminous Flow «
Live IMT «
Needle Enhancement «
FLYINSONO--Remote intelligent solution «

IMAGE GALLERY

Early pregnancy
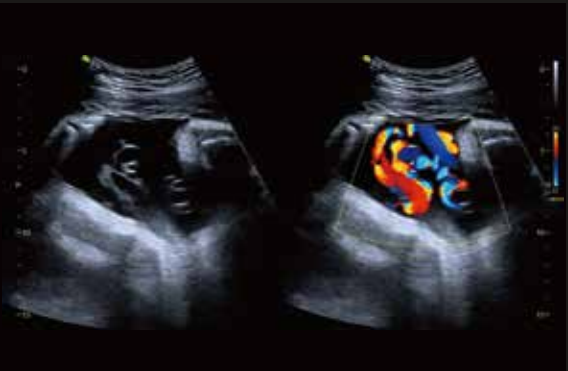
Umbilical cord blood

HSG
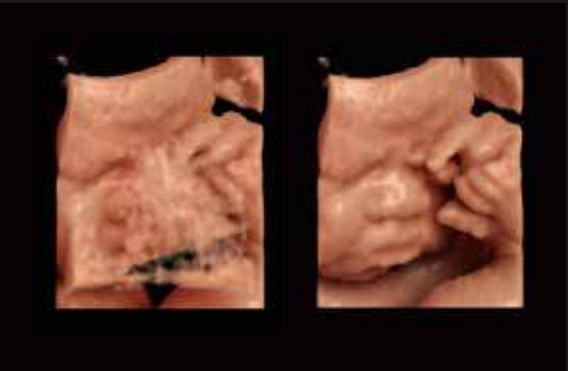
Smart Face

hepatic hemangioma

VLuminous flow
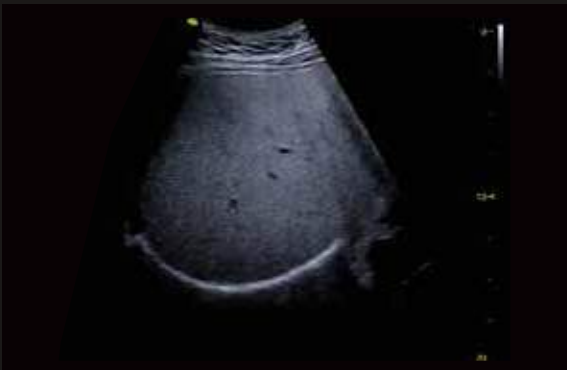
Liver 2D imaging
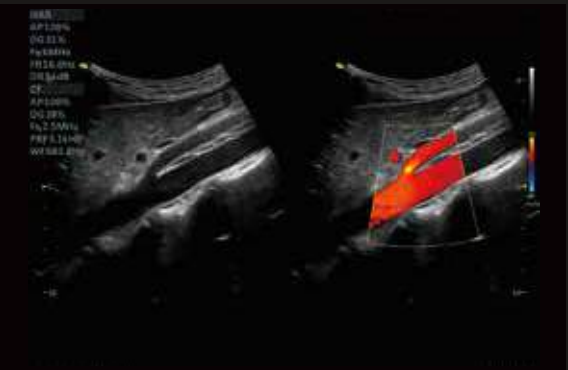
Abdominal aortic flow
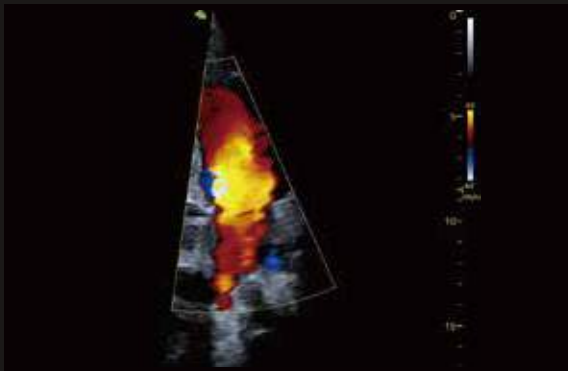
Sync ROI

Pulmonic valve regurgitation
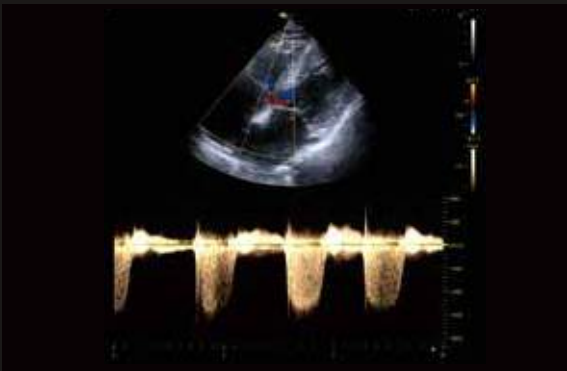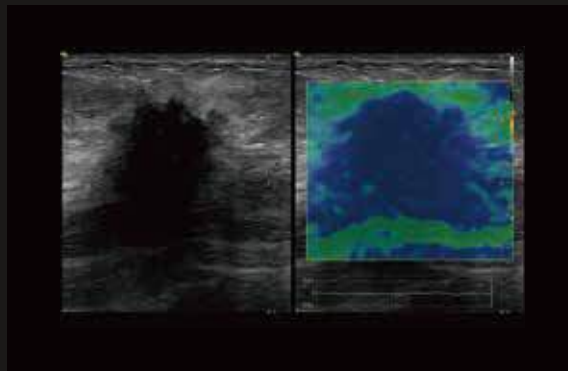
Cardiac CW
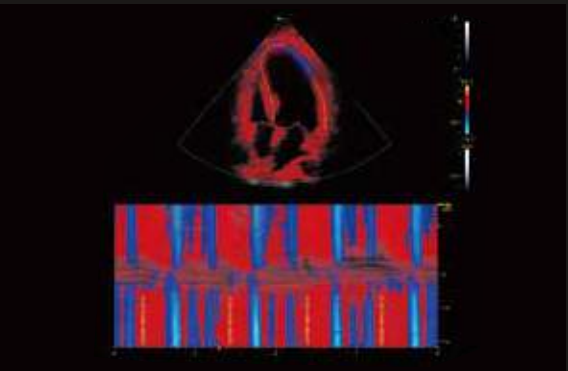
Curved M Mode
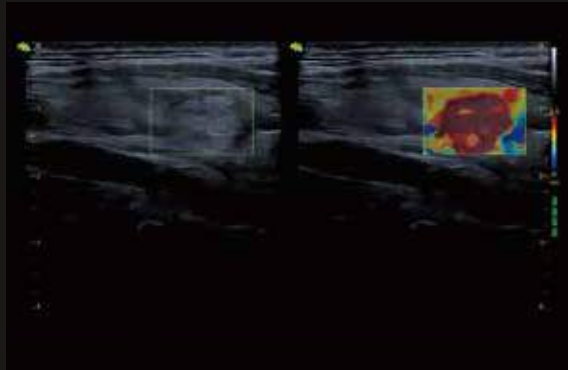
VShear for thyroid
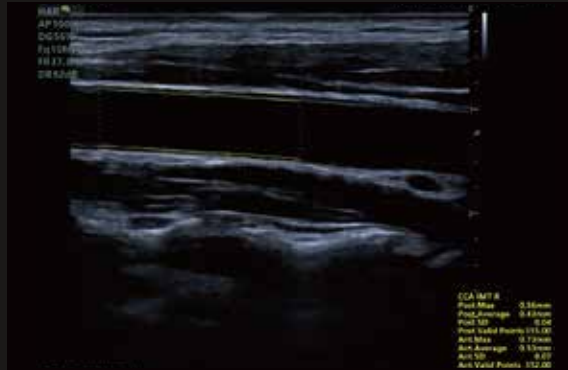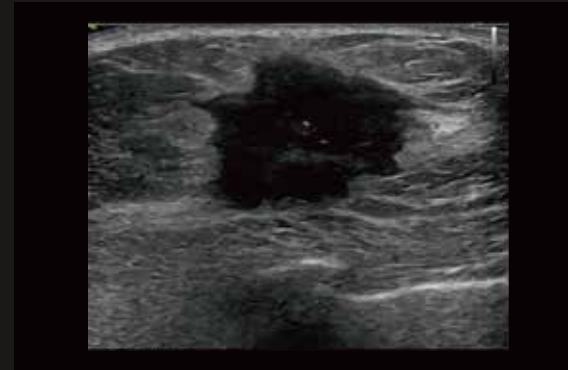
Live IMT
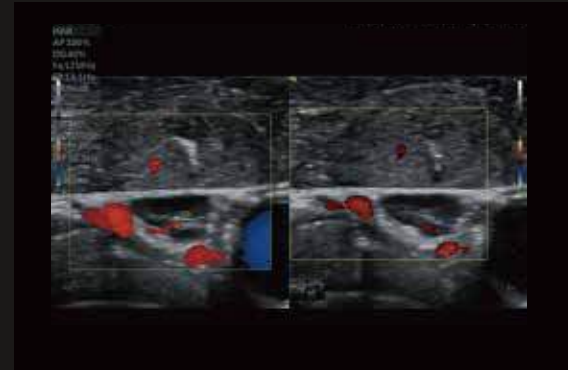
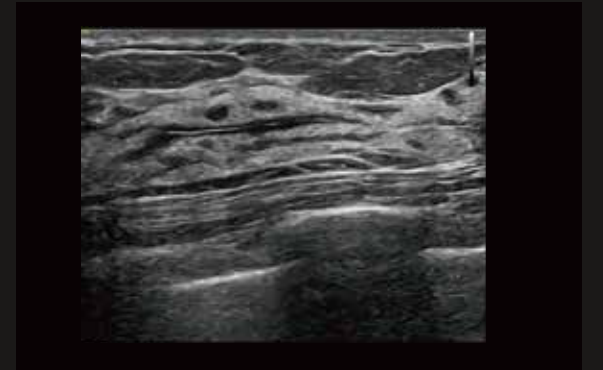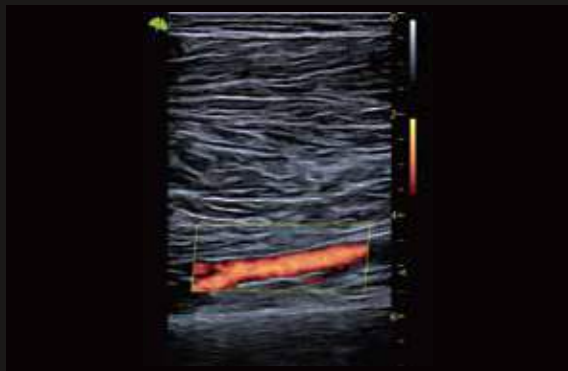Color flow of lymph nodes
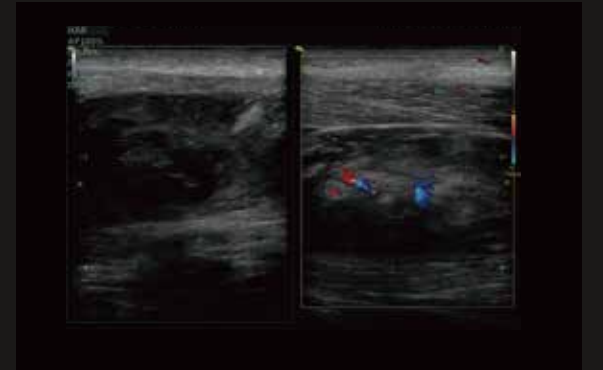
Subcutaneous hematoma
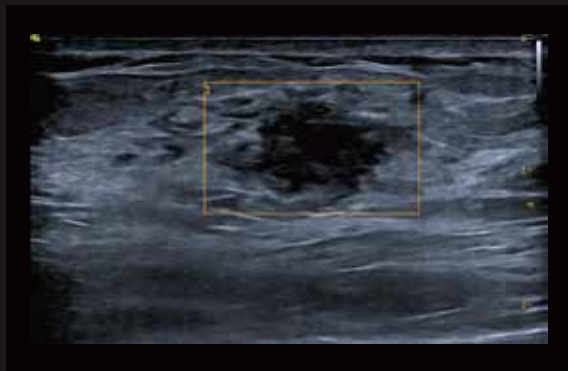
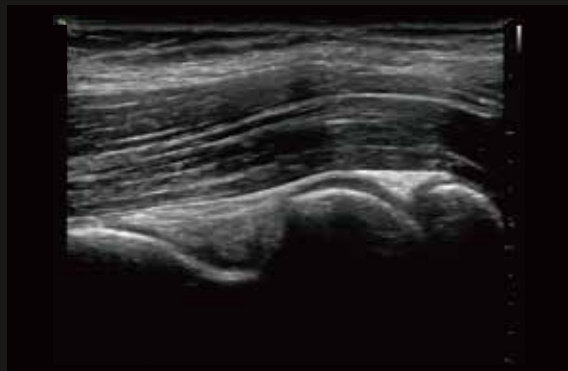VAid

Mammary-gland Ca elasticity

The "burr" sign of breast cancer

Breast duct

Lower Extremity Vein

Elbow joint

Joint effusion

Knuckle Pview