AI/Deep Learning assistance function

REiLI®

DICOM support function

FUJIFILM
Value from Innovation

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- This brochure may contain descriptions of optional functions and products.
- Specifications and appearance may be subject to change for improvement without notice.
- For proper use of the system, be sure to read the operating manual prior to placing it into service.

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ARIETTA®850 DeepInsight | FFHC_Arietta 750 Broch_2026 | 04 2026

FUJIFILM
Value from Innovation

ARIETTA® 850 DeepInsight x

Immerse yourself in imaging excellence with our ultrasound system

KEEP OUR **CORE ELEMENTS**

5 ESSENTIAL FEATURES

DeepInsight by FUJIFILM Healthcare is an innovative ultrasound technology for early diagnosis, treatment support, and follow-up management. Experience the power of our ultrasound system that has always excelled in providing 5 core elements: Reproducibility, Visibility, Accuracy, Efficiency, AI meet Broad Reception, and Carving.

1. REPRODUCIBILITY
Maintain high-definition image quality while managing multiple patients scans.

2. ACCURACY
Improve signal-to-noise ratio with the finest resolution.

3. UTILIZATION OF AI
Detection based on AI to provide an enhanced level of diagnostic image quality*

4. EFFICIENCY
Increase your productivity and focus more on delivering high-quality images.

5. VISIBILITY
Support diagnosis, even in the most challenging cases.

*The technology was developed and designed using machine learning, one of Fujifilm's fundamental AI technologies. The performance and accuracy of the system does not automatically change after activation.

REDEFINE **THE ESSENTIAL**

DIVING DEEPER WITH ARIETTA® DEEPINSIGHT x

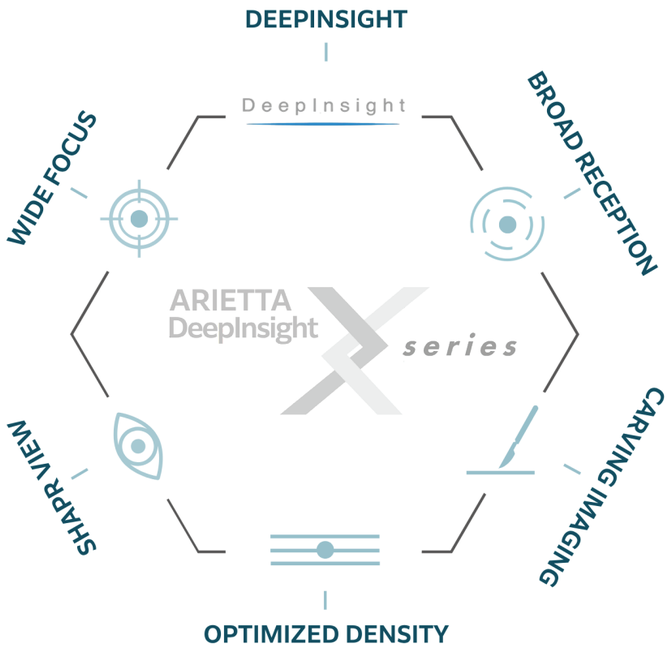


IMAGE QUALITY
Experience exceptional ultrasound image quality powered by advanced technologies and optimized parameters for clearer, more accurate diagnosis .

REAL-TIME VIRTUAL SONOGRAPHY
Expertise next-level abdominal care with fusion imaging, combining real-time ultrasound and advanced applications for precise diagnosis and effective treatment.



TRANSDUCERS
Our versatile ultrasound probes adapt to every clinical need, delivering precise performance across a wide range of applications.

WORKFLOW
Experience streamlined workflow efficiency that frees up your time, letting you focus more on what matters most: delivering exceptional patient care.

GENERAL IMAGING
Achieve precise performance in general imaging, designed to support shared services smoothly and efficiently.

ERGONOMIC DESIGN
Our new ultrasound platform advances care with superior safety, reliability, and confidence in every diagnosis.

ARIETTA® 850 DeepInsight x

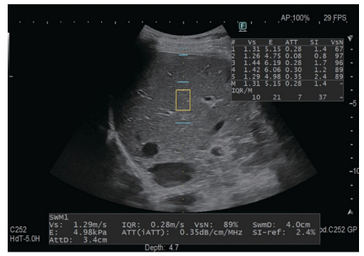
Introducing our new premium ultrasound platform — created through the teamwork of all Fujifilm research departments. By combining expertise and advanced AI technology, we developed a powerful system that delivers clearer images and better diagnostic accuracy. This is the future of ultrasound, made possible by working together as one.

YOUR **APPLICATION**

GENERAL IMAGING

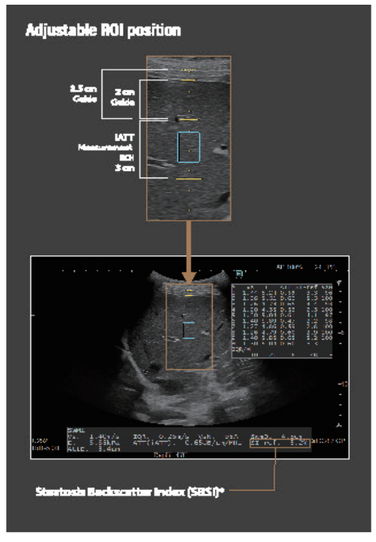
iATT

A cutting-edge tool for precise estimation of hepatic steatosis. By measuring the iATT (Attenuation), our system offers reliable insights into liver health. Advanced features exclude surface reflections and align ROI depth with WFUMB guidelines, ensuring consistent, accurate, and reproducible results every time. Empower your diagnosis with confidence and clarity.



Steatosis Backscatter Index (SBSI)*

Introducing a new measurement for hepatic steatosis. By combining the variation of the backscatter coefficient and the iATT measurement, SBSI delivers more reliable and clinically meaningful assessments. Designed to enhance accuracy in non-invasive liver health evaluation.

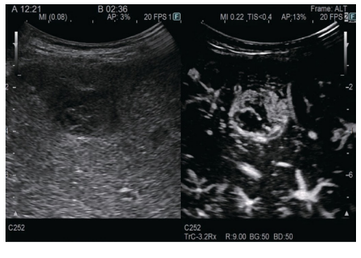


Shear Wave Measurement (SWM)/Elastography (SWE)

An innovative solution for precise tissue stiffness evaluation. By measuring shear wave velocity (Vs) and offering a reliability indicator (VsN), **SWM** empowers clinicians with confident, accurate insights for better clinical decisions. **SWE** combines multiple quantative values into one single colour map on the B-mode image.

Contrast Harmonic Imaging (CHI)

With automatic eFocusing delivers clear, uniform images and easy one-button switching of contrast modes for smooth, uninterrupted exams.



IMMERSE **YOURSELF**

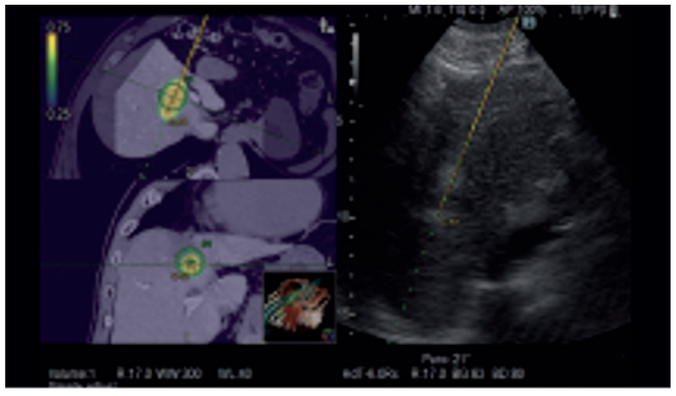
Real-time Virtual Sonography (RVS)

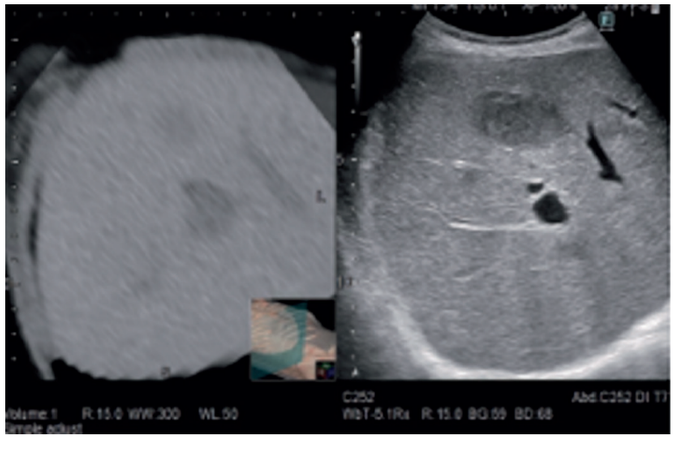
RVS seamlessly fuses real-time ultrasound images with CT, MRI, or other imaging modalities—allowing direct, side-by-side comparison of lesions. By combining the real-time advantages of ultrasound with the detailed information from other scans, RVS enhances diagnostic confidence and accuracy.

Seamless Workflow from Data Retrieval to Position Registration

Our automated RVS workflow simplifies the process of image alignment, so you can focus on diagnosis—not setup. Once RVS starts, volume data is automatically imported from PACS, and ultrasound images are precisely aligned with virtual images. A helpful guidance display supports you every step of the way, making the entire process smooth, intuitive, and efficient.







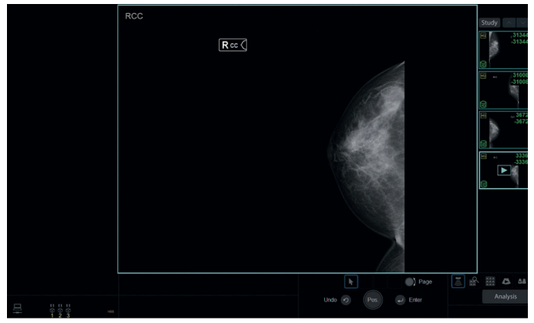


YOUR **APPLICATIONS**

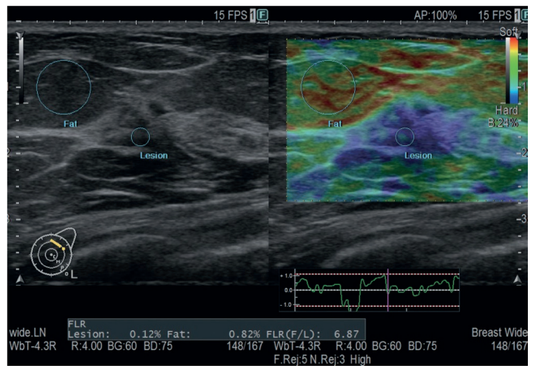
IN WOMEN'S HEALTH, **EVERY DETAIL MATTERS.**

Our new premium ultrasound platform is designed to empower clinicians with seamless integration and advanced imaging that support confident, efficient care.

With Data Coordination, mammography images are accessible directly on the ultrasound system, eliminating the hassle of switching devices and ensuring smooth workflow continuity.



Real-time Tissue Elastography offers instant, color-coded insights into tissue elasticity, while automated analyses like automatic Frame Selection and Fat Region Ratio simplify evaluations, making them faster and more reliable.

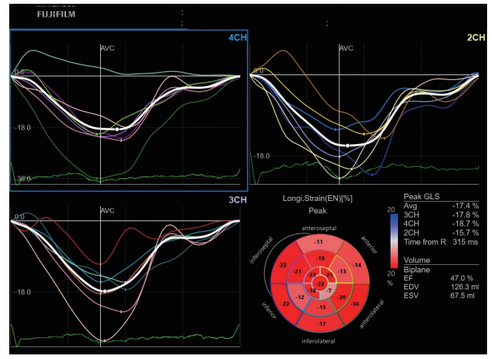


Paired with our dedicated breast ultrasound transducer, this platform sets a new standard in precision and ease — supporting better outcomes for every woman.

IN CARDIOVASCULAR CARE, **EVERY BEAT COUNTS**

i2DTT - Seamless Workflow for Faster Measurements

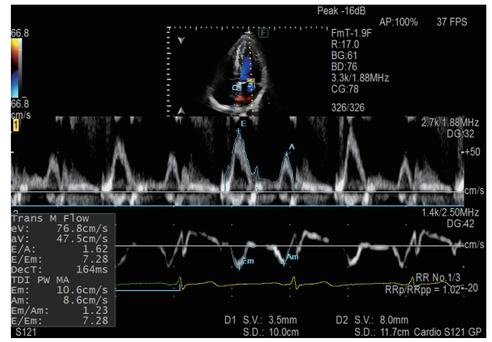
The workflow is designed to align perfectly with the examination process, enabling efficient and seamless procedures. The advanced i2DTT function allows simultaneous analysis of two-, three-, and four-chamber images, helping to reduce overall measurement time.



iDGD - Automated Support for Cardiovascular Measurements

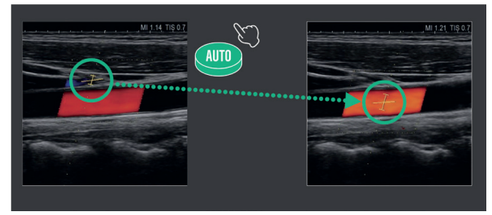
The system automatically measures E/e'—an important index of left ventricular diastolic function, using Dual Gate Doppler. Combined with the R-R Navigation function, it also automatically identifies heartbeats ideal for accurate measurement.

- Doppler Cursor Assist: Automatically detects the sample gate location for easy Doppler cursor placement.
- Automatic Measurement: Automatically calculates Ejection Fraction (EF), an essential indicator of cardiac function.
- Beat Mode: Automatically identifies End-Diastole (ED) and End-Systole (ES) phases.
- R-R Navigation: Automatically detects stable R-R intervals by comparing consecutive heartbeat intervals, ensuring reliable measurement timing.



iVascular

Simplifying Doppler Measurements
During vascular exams, you can quickly set the Color ROI and cursor position with just one click. This smooth workflow helps you move seamlessly to Doppler measurements, saving time and reducing procedures.



YOUR ULTRASOUND **TRANSDUCERS**

The broad range of convex transducers is suitable for various general examinations, included micro convex shape and features comfortable grips, compact light weight designs and flexible cables.



The unique design od our dedicated biopsy transducers allows the needle to enter in the centre of the image, facilitating difficult interventional procedures.



Linear transducers with a wide frequency bandwidth provide high-quality images for breast.



A wide variety of transducers provide high-quality images and are designed for an extensive variety of urological imaging and procedures, ensuring the optimal diagnosis and treatment approach.



The Wideband, high frequency linear or transducer offering high resolution imaging in vascular imaging with a light cable and ergonomic design for comfortable, extended use.



A wide range of sector transducers supports cardiac assessment across neonatal, pediatric, and adult patients. The 2D transducers provide precise evaluation of cardiac function, while 3D transducers offer detailed visualization to aid in diagnosing anatomical abnormalities.



Convex Transducers with Wide Frequency Bandwidth provides reliable diagnostic coverage from the first to the third trimester. The 3D mechanical convex transducer captures detailed images to support prenatal diagnosis.



Linear and Micro Convex Transducer offer reliable performance with an ergonomic easy-to-scan design for inflammatory bowels disease.

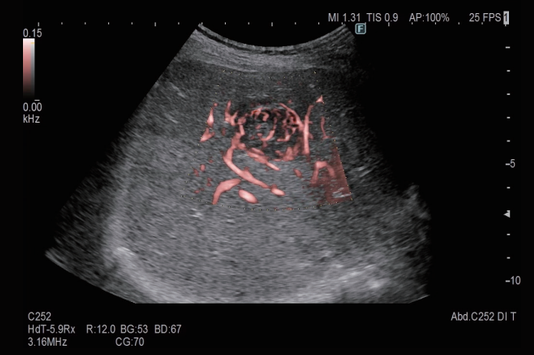


The new 25Mhz high-frequency technology with versatile shape delivers high image quality in various areas especially for MSK examination.

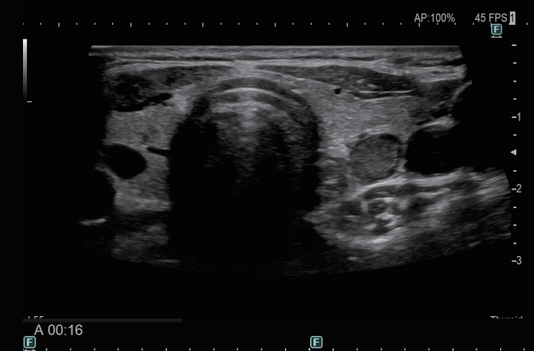


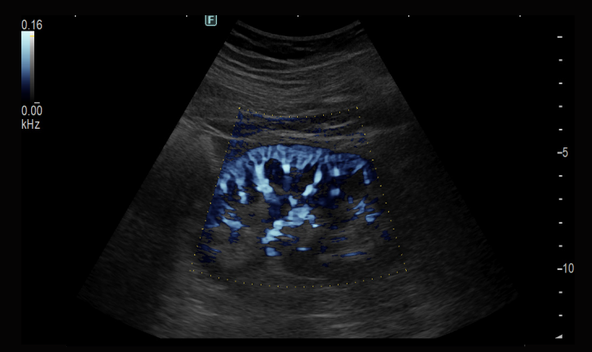
IMMERSE YOURSELF **IMAGE GALLERY**

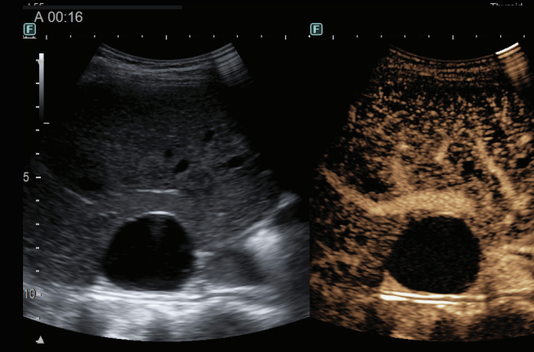


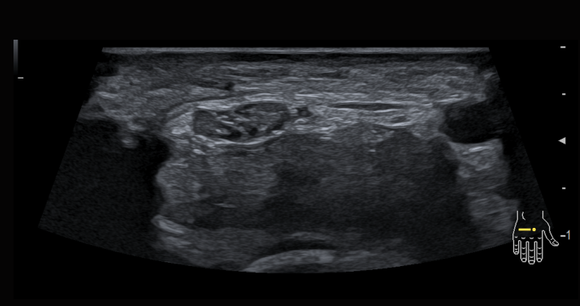


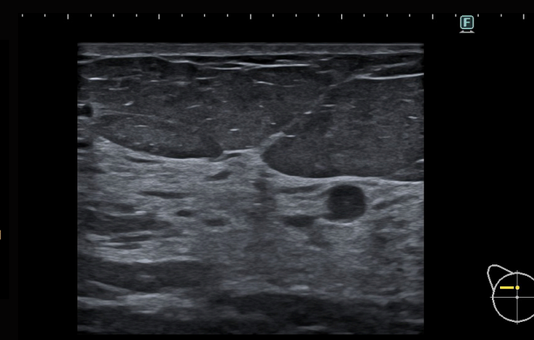




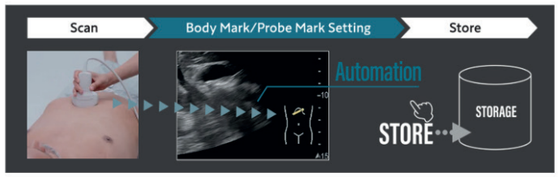






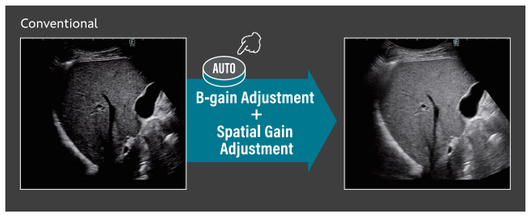


YOUR
WORKFLOW



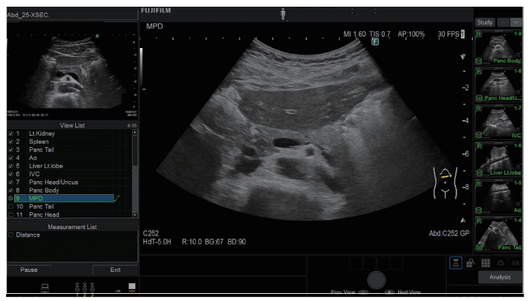
iRecognize

Automatic Body Mark / Probe Mark Placement
During abdominal exams, the system instantly identifies the scanning plane. Simply press the freeze button, and the Body Mark and Probe Mark are automatically applied, enabling fast and precise image documentation.



Auto Optimizer

Auto Optimizer continuously adjusts gain in real time to maintain clear and consistent image quality, even when the scanning plane changes. This advanced feature streamlines the examination process, enhancing efficiency and diagnostic confidence.



Protocol Assistant

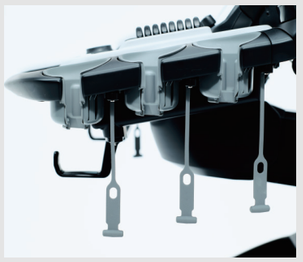
Enhance Efficiency with Pre-Registered Procedures. By registering examination procedures and conditions in advance, Protocol Assistant reduces the need for manual button operations, streamlining your workflow. The Guide View function further supports scanning by displaying reference images, improving consistency and accuracy throughout the examination.

A NEW APPEARANCE
ERGONOMIC DESIGN





Control Panel



Cable Assist Hook



Wide High resolution LCD monitor



Customizable large Touch panel