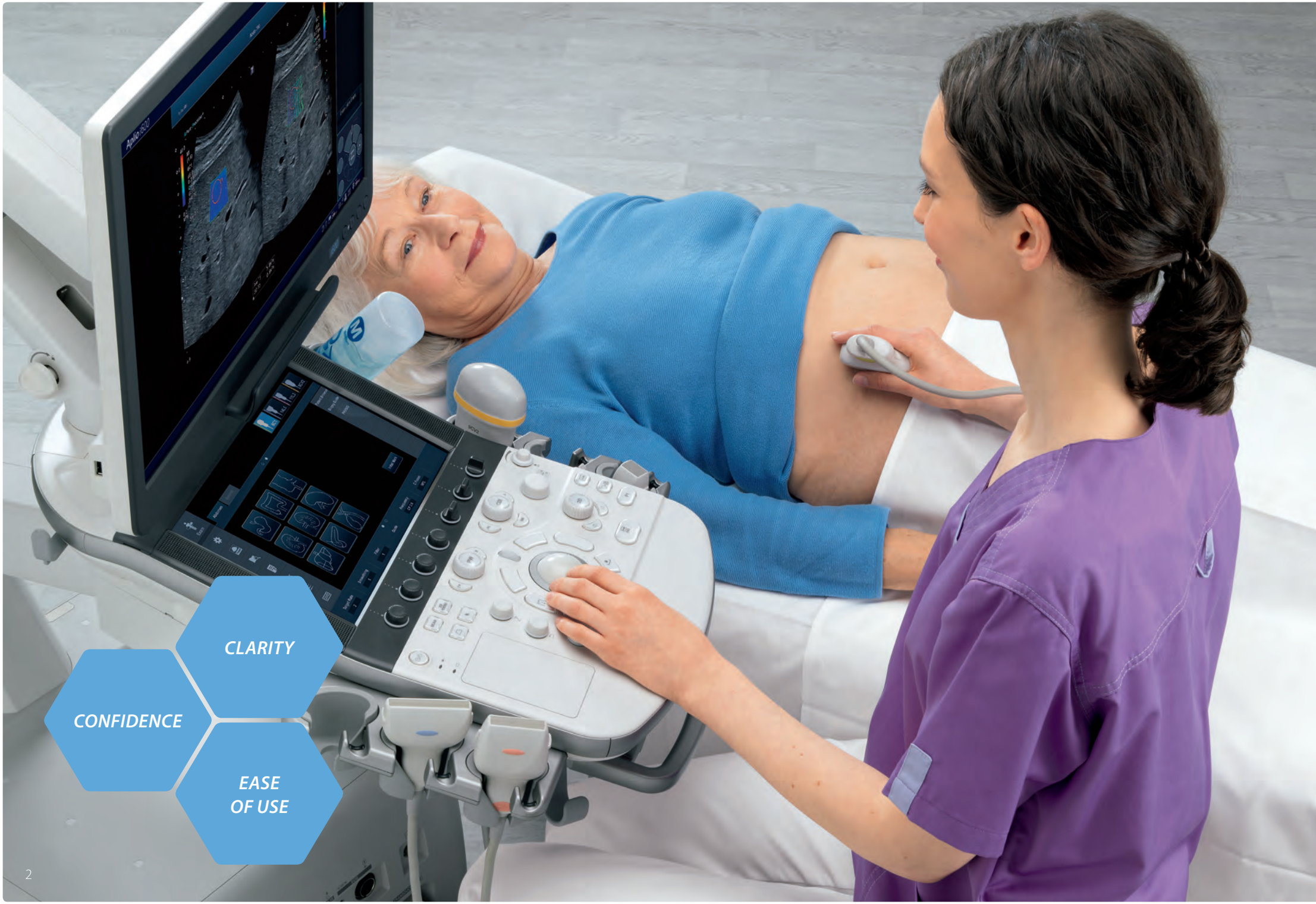
Canon

Aplio i600

Intuitive. Intelligent.
Innovative.

General Imaging


CLARITY
CONFIDENCE
EASE
OF USE

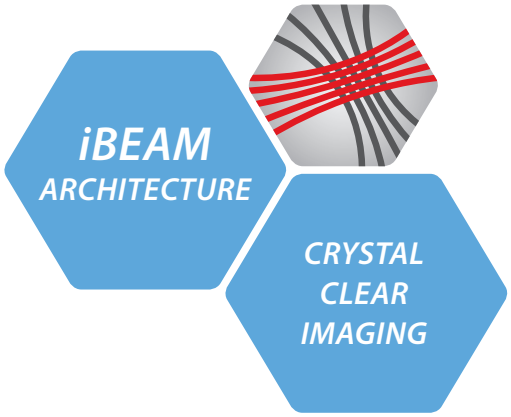
Aplio *i600*

Complete flexibility, outstanding quality

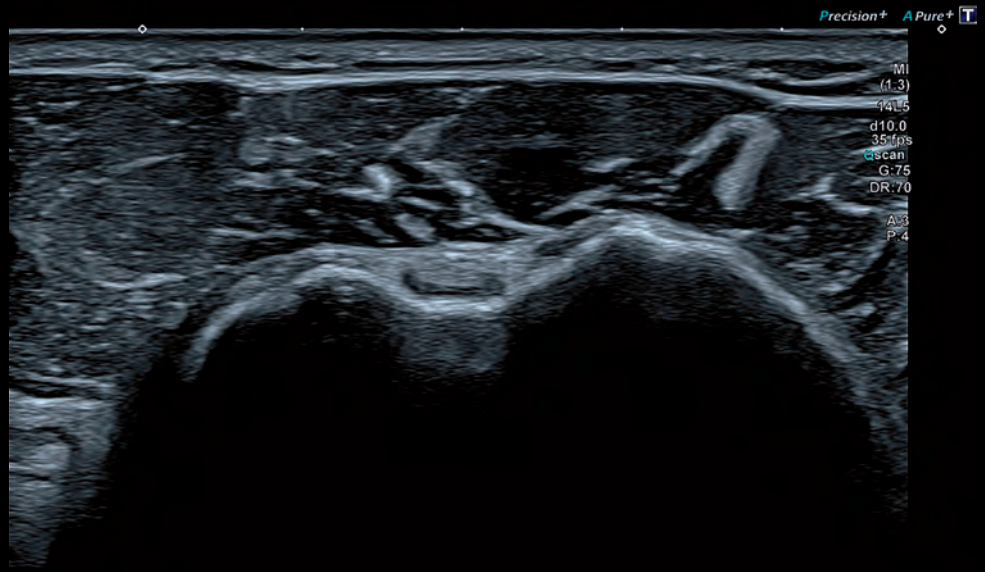
For robust performance you can rely on for a wide range of clinical tasks, look no further than Aplio™ i600. Combined with a full host of easy-to-use tools for advanced diagnostics and precise interventional work, Aplio i600 ensures diagnostic confidence and superior productivity.

Enjoy the perfect picture

Each of Aplio's unique imaging technologies provides you with great image quality by reducing clutter, strengthening signal and improving visualization. All functions work hand in hand with other imaging modes for uniformity across all applications.



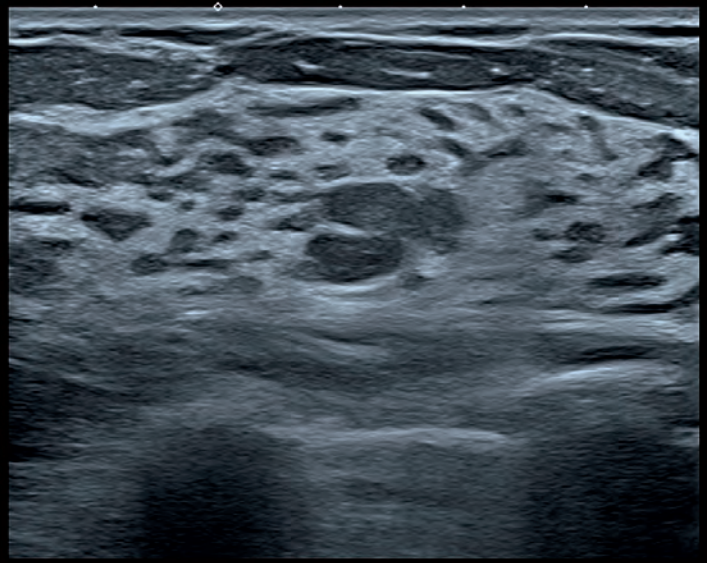
Precision+ offers outstandingly smooth images with sharpened outline of lesions, enhanced image uniformity and reduced clutter.



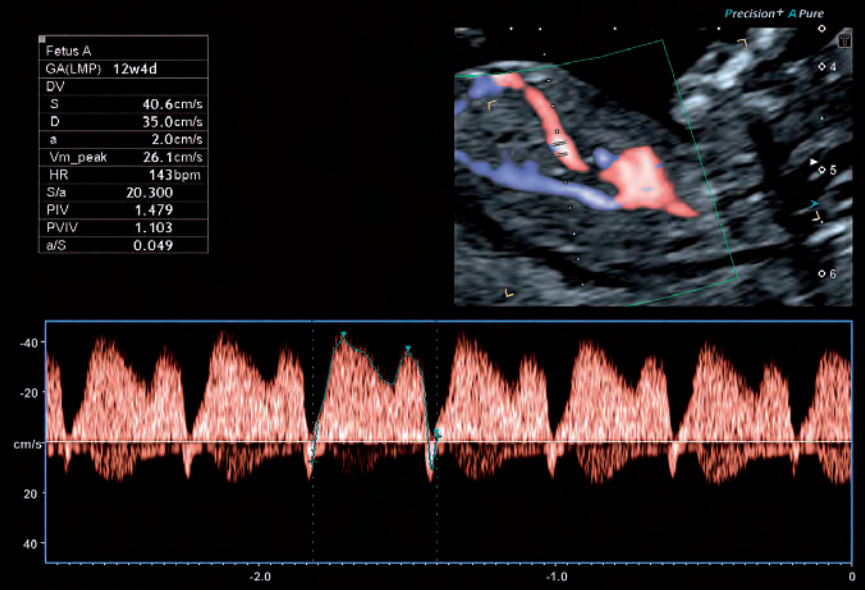
ApliPure™+ compounding delivers increased imaging contrast and reduced speckle noise to improve visualization.

Better diagnostics start here

Designed to increase efficiency, the system's lightweight transducers feature outstanding clinical versatility, ergonomic shapes and thin, super-flexible cables. Aplio's transducers deliver superb image quality and respond with high flexibility to a wide range of clinical applications.



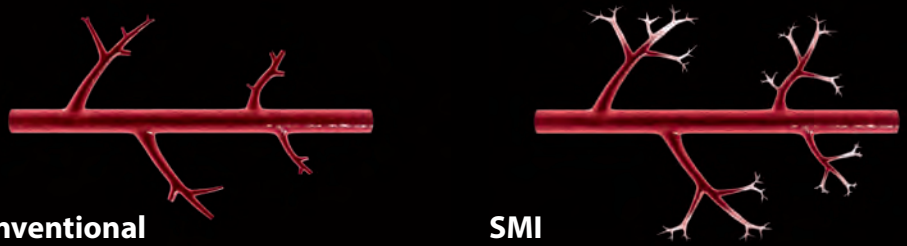
Differential Tissue Harmonics provides harmonic images of high spatial resolution, alongside greatly enhanced penetration.



Aplio's wideband transducer and signal processing technology delivers outstanding sensitivity, penetration and spatial resolution for all Doppler modes.

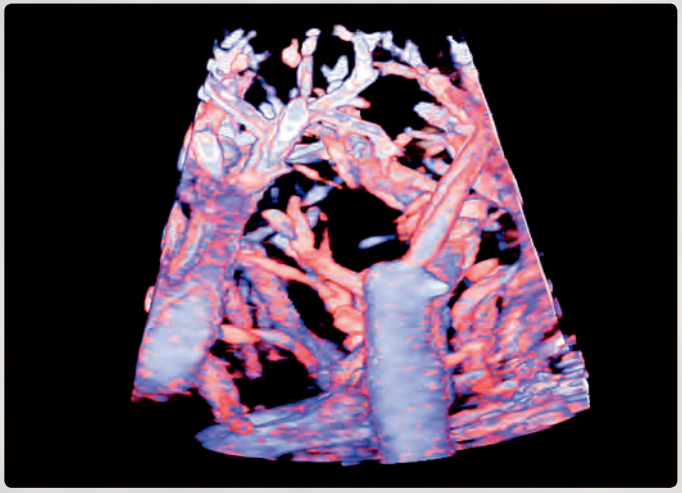
Seeing the unseen with SMI

Experience color flow imaging with detail and definition on Aplio i600. Superb Micro-vascular Imaging (SMI) expands the range of visible blood flow to visualize low-velocity microvascular flow never before seen with diagnostic ultrasound.



Traditional color Doppler imaging (left) removes clutter from the images by suppressing low-velocity components, resulting in a loss of flow in tiny vessels. SMI (right) separates flow from overlaying tissue motion effectively, while preserving low-flow components with detail and definition.

SMI's level of vascular visualization, combined with high frame rates, advances diagnostic confidence when evaluating lesions, cysts and tumors.



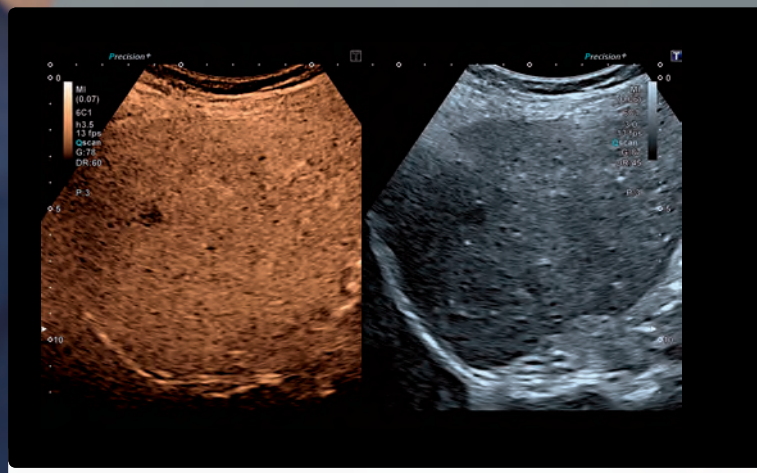
Smart Sensor 3D allows you to acquire accurate 3D volumes with a standard linear or convex transducer, also in SMI mode.

Increase your confidence, expand your capability

Visualization and characterization of liver lesions using Lumason® (Bracco)* help in optimizing your patients' clinical pathways. Aplio's extensive suite of advanced CEUS imaging and quantification functions can help you get answers quickly and with confidence.

SMART MAPS

SHEAR WAVE ELASTOGRAPHY

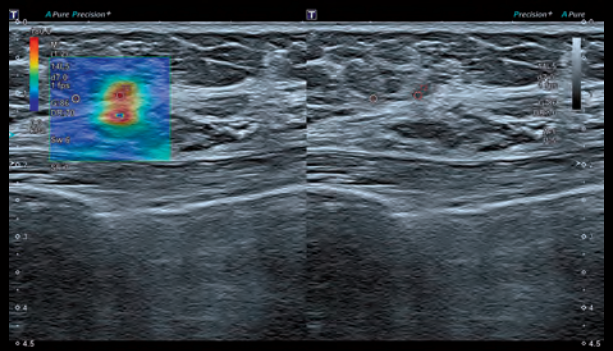


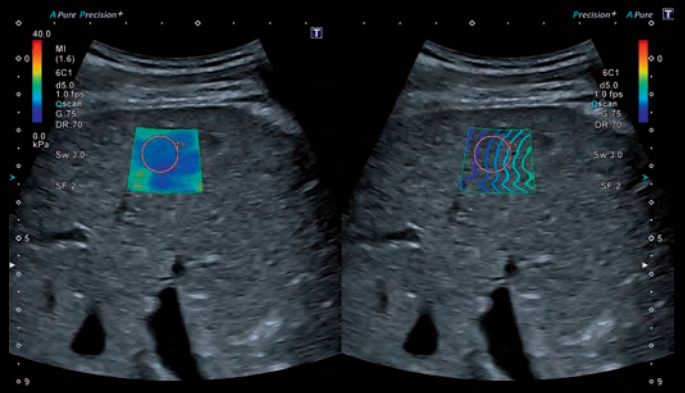
Aplio's comprehensive CEUS imaging and quantification package allows you to assess perfusion dynamics in a wide range of clinical settings, including specialized exams such as vesicoureteral reflux (VUR).

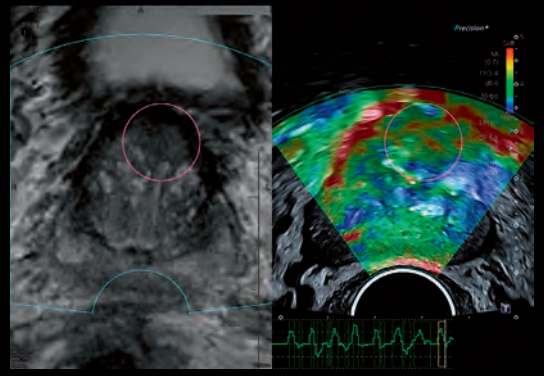
* See full Lumason® prescribing information

Better intercostal access*

Aplio's thin convex transducers are ideally suited for intercostal scanning. The new biopsy attachment with reduced blind zone and selectable puncture angle facilitates optimal puncture conditions for each patient.







Canon Medical Systems' shear wave technology provides a quantitative measure and real-time display of tissue elasticity in a variety of clinical settings ranging from abdominal to small parts examinations.

Smart Maps help you visualize and quantify shear wave propagation in real-time. Aplio's unique propagation map is a powerful and intuitive tool to visually assess the quality of an elastogram.

The system's comprehensive strain elastography suite with raw data functionality assists you in localizing and assessing palpable masses with high accuracy, sensitivity and reproducibility.

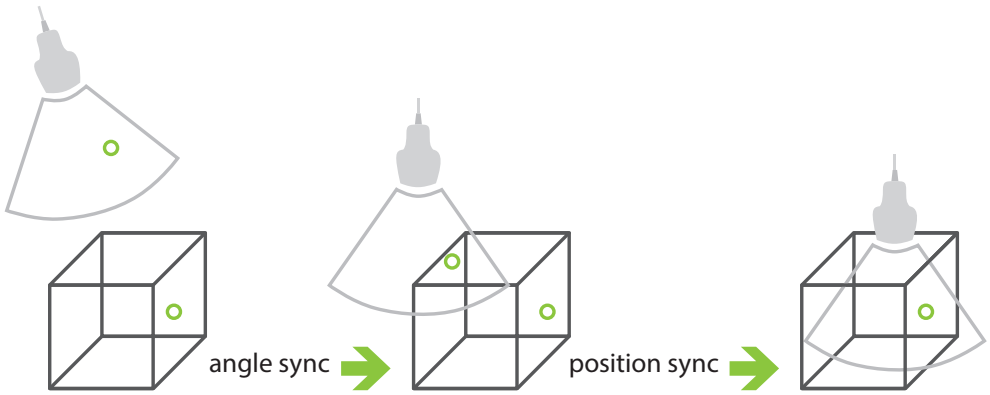
* Compared with 6C1

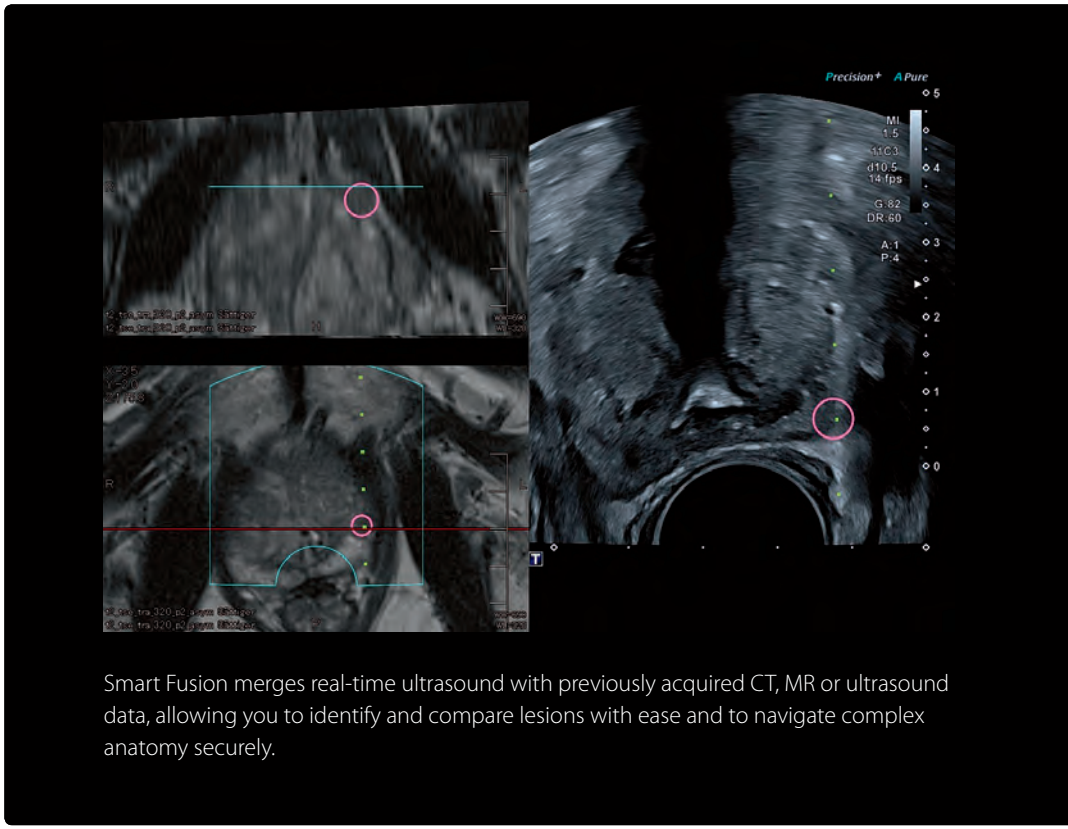
Navigate with ease, treat with confidence

Aplio provides a wide range of tools for advanced imaging and interventions. Dedicated transducers and an abundance of imaging and navigation tools help you enhance confidence and accuracy during interventional procedures and follow-up.

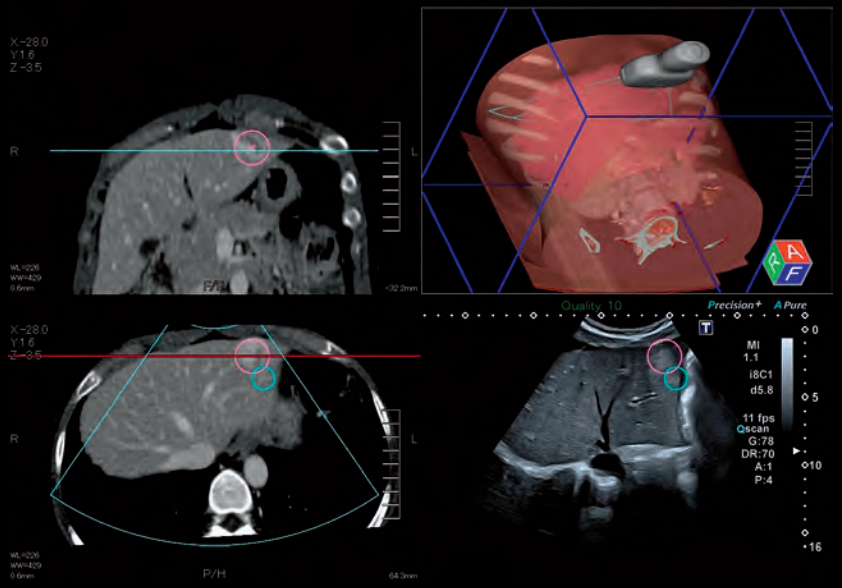
Merging modalities to improve visualization

On Aplio, merging two modalities for synchronized display is a simple and quick two-step process. Intelligent target and marker points facilitate navigation in the region of interest.

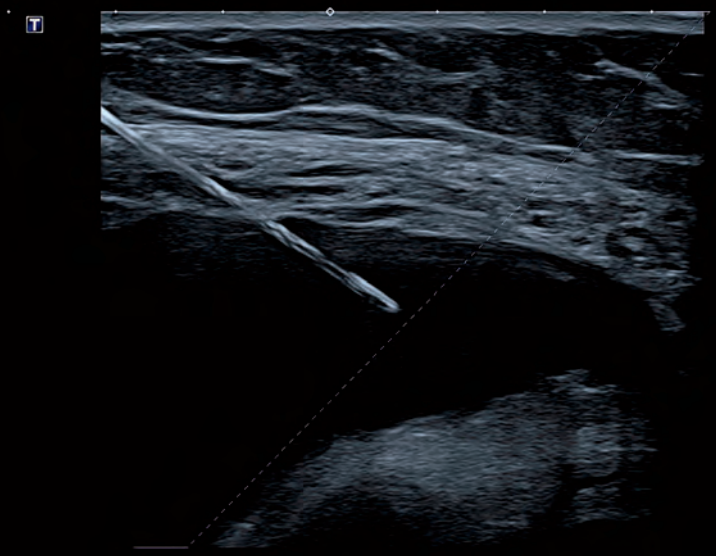




Smart Fusion merges real-time ultrasound with previously acquired CT, MR or ultrasound data, allowing you to identify and compare lesions with ease and to navigate complex anatomy securely.



For comprehensive evaluation, Smart Fusion allows you to work in multiple imaging modes, including color Doppler and CEUS. The concise quad display shows the live ultrasound image in sync with multiple views of the pre-loaded data.



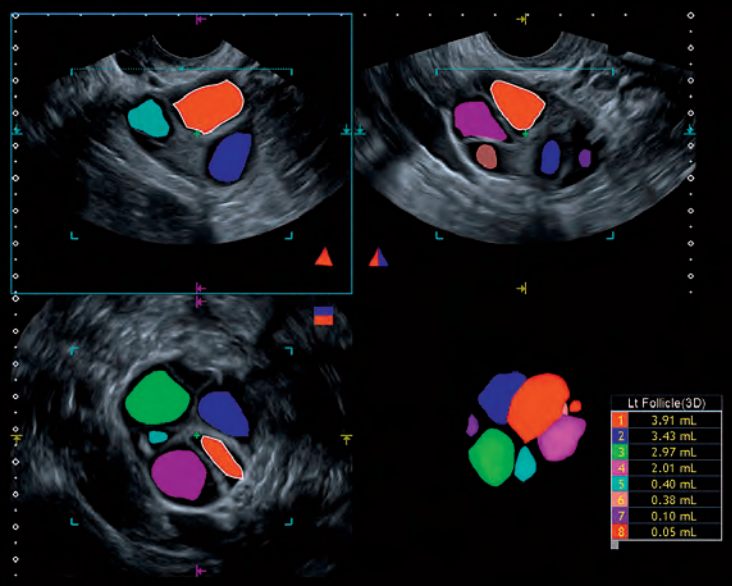
Canon Medical Systems' BEAM technology provides clearer visualization of biopsy needles in the live image. The function works with all common needle sizes and selects the optimal enhancement automatically.

Exceptional detail for a more precise diagnosis

Both the busy clinician and the patient can benefit from high-resolution imaging and volumetric ultrasound. Aplio's comprehensive volume imaging suite extends your diagnostic capabilities into the next dimension of imaging with extraordinary image quality and uncompromised workflow.

Advanced Dynamic Flow™ (ADF) adds superior spatial resolution to color Doppler imaging to reveal minute flow patterns with accuracy and detail. ADF provides high frame rates, while maintaining the full B-mode image quality.

Luminance offers natural-looking 3D renderings of high quality and definition, providing strong visual feedback on depth and detail from the first trimester onwards.



A wide range of MultiView options provide high-resolution cross sections, helping you to better understand anatomical relationships or the extent of a given lesion.

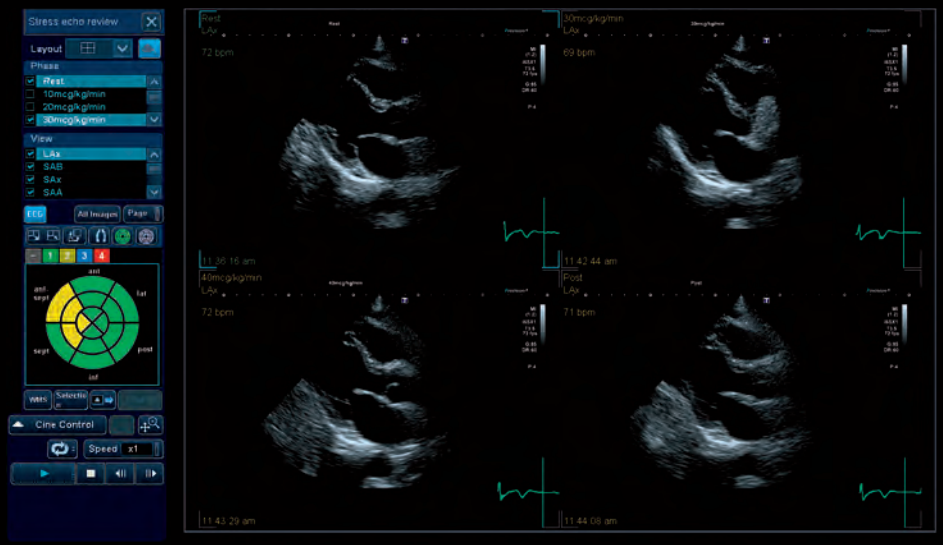
LUMINANCE

ADVANCED DYNAMIC FLOW

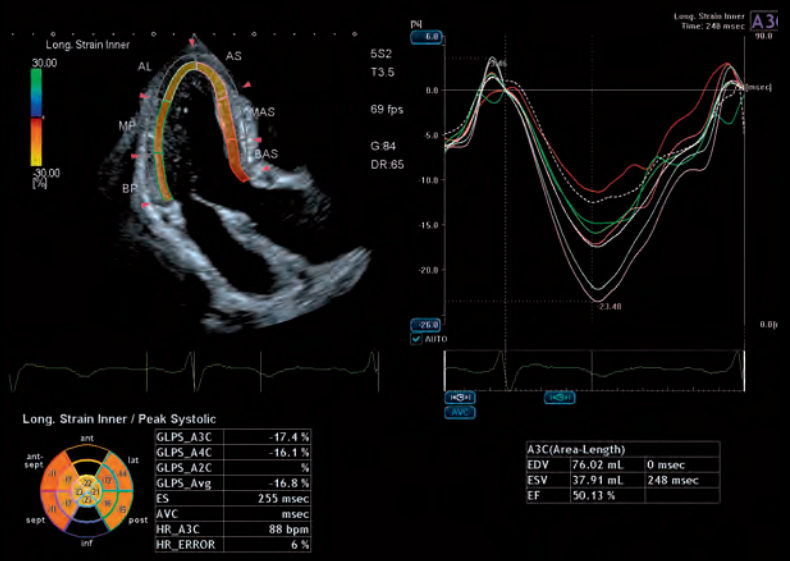
MULTI VIEW

Accurate quantification, regional myocardial function

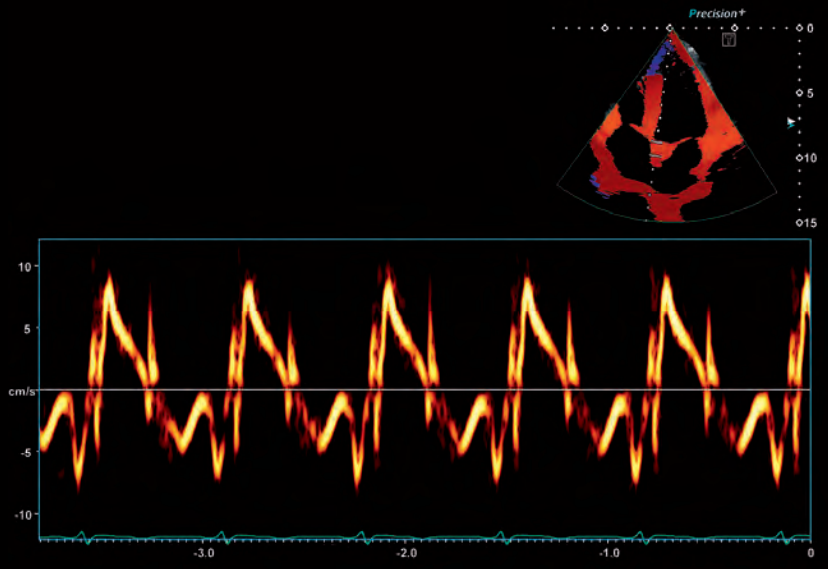
Functional assessment is at the heart of cardiovascular imaging. By providing valuable additional information in easy-to-understand visual, parametric or quantitative formats, Aplio's advanced clinical functions can help you get your diagnostic answer fast and reliably.



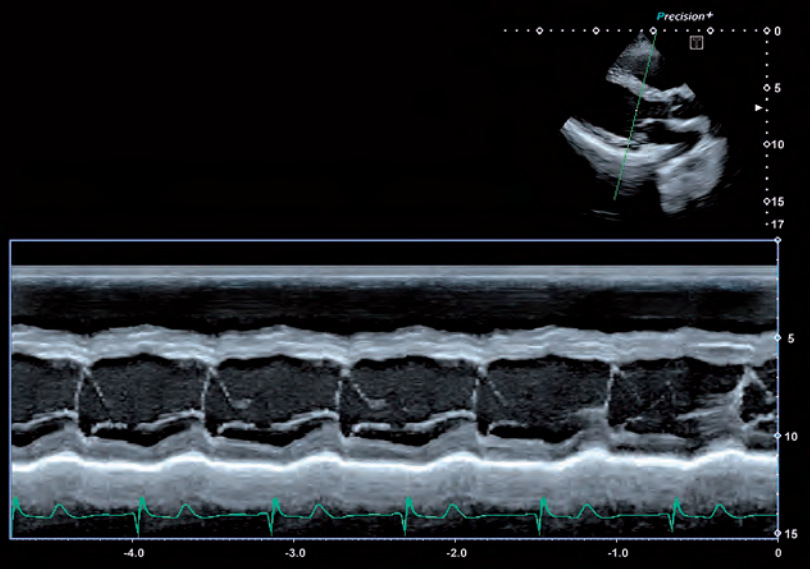
Supporting standard and user-defined protocols for both physical and pharmacological stress, Aplio offers a comprehensive package for fast and accurate wall motion assessment.



Aplio's advanced Wall Motion Tracking technology provides immediate visual and quantitative access to global and regional myocardial wall motion dynamics.



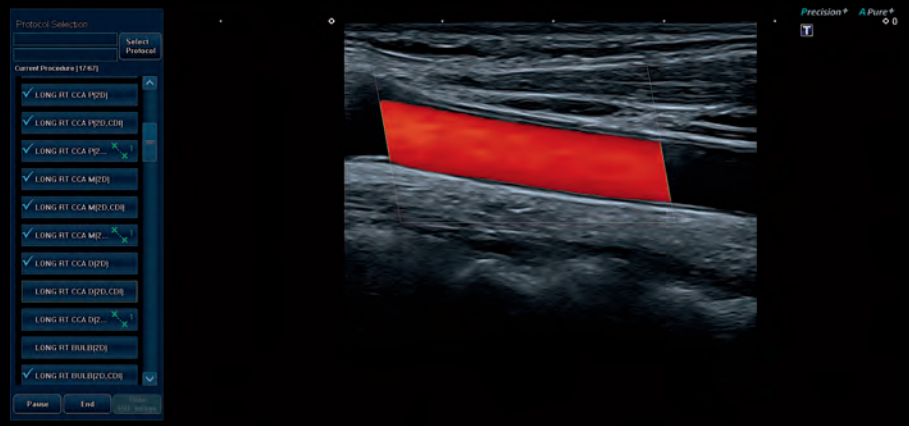
Aplio provides you with high frame rate Tissue Doppler images and Pulsed-Wave-TDI traces for a precise timing of cardiac events in both visual and quantitative formats.



Flex-M allows you to derive anatomically correct M-mode traces from live or stored 2D images with the same quality as in conventional M-mode.

Consistent, high-quality results, outstanding ergonomics

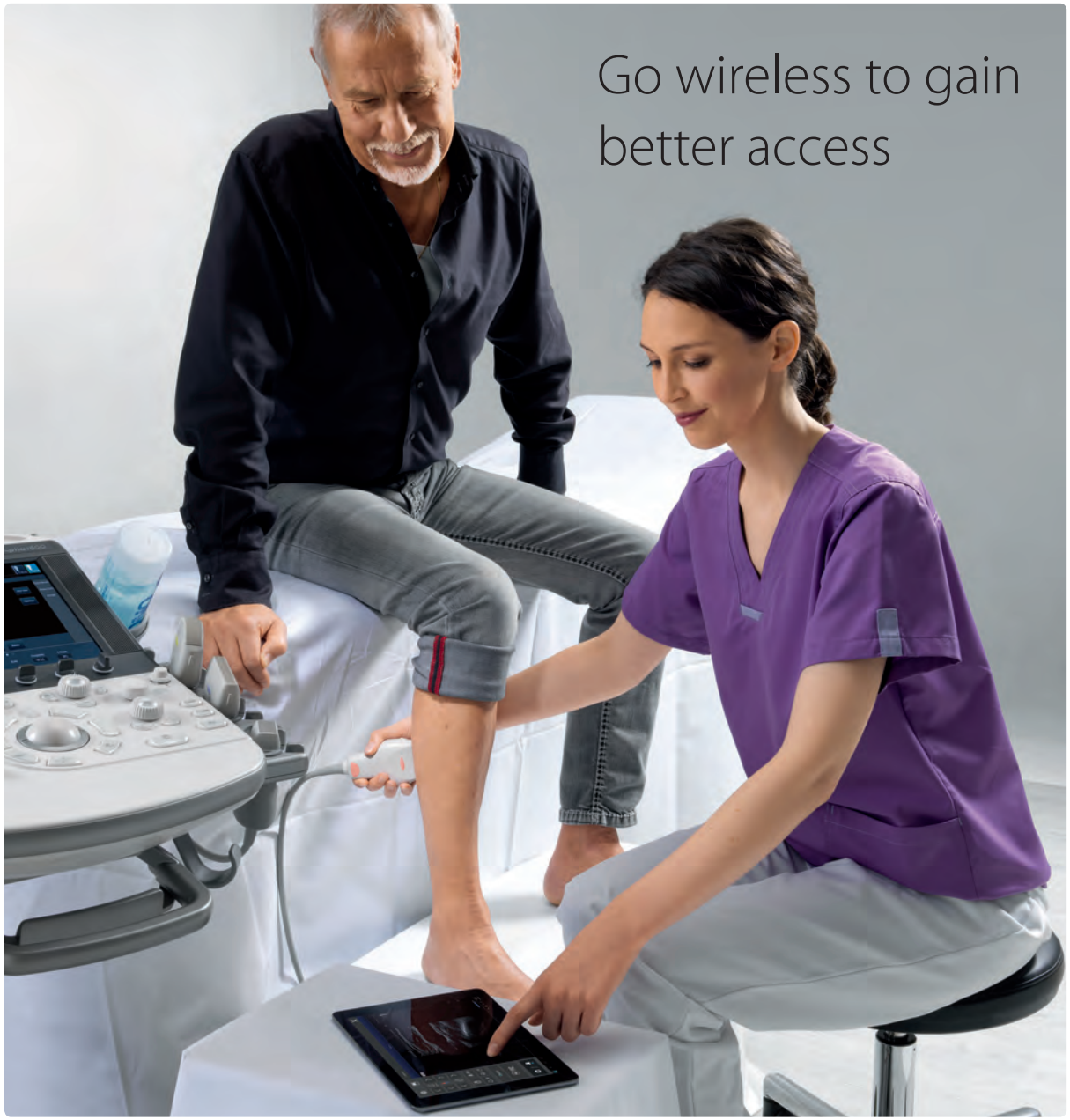
Vascular exams can be very challenging. Aplio i600's dedicated transducers ensure excellent imaging resolution and sensitivity for all vascular applications, while automated scan protocols and measurements help you improve efficiency and consistency.



Aplio's clinical protocol assistant provides a reliable method to ensure that complex exams are done consistently patient after patient. Once activated, a clear, easy-to-read menu will guide you step by step through the entire exam.

Aplio's Color Quick Scan helps you optimize steering, sample volume and angle correction by simply pressing a button during vascular examinations, while baseline and velocity range are automatically optimized when a Doppler waveform is displayed.

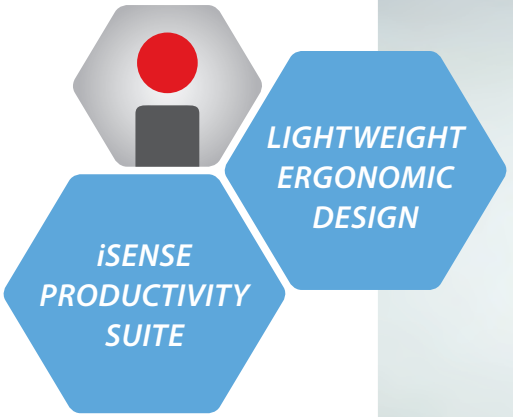
Go wireless to gain better access



Aplio i-series allows you to remotely operate the system from a wireless tablet. This can be particularly helpful during vascular exams where it can be difficult to scan a patient and reach the panel at the same time without losing sight of the monitor.

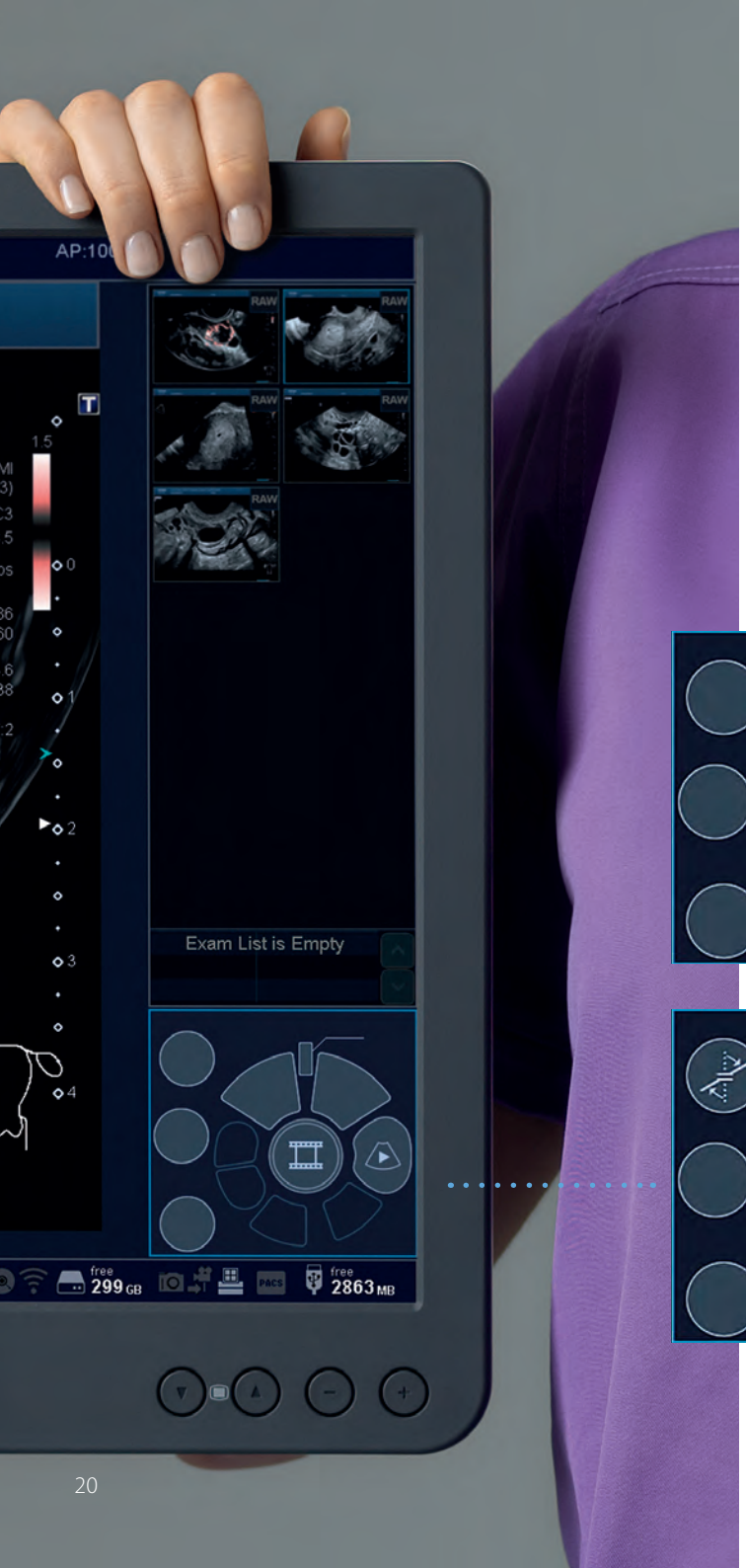
Designed with our users in mind

Smaller and lighter,* Aplio i600 is easy to maneuver. With over 36 cm panel height adjustment, lateral slide and a fully articulating monitor arm, Aplio i600 helps you to optimally adjust the console to virtually any scanning position.



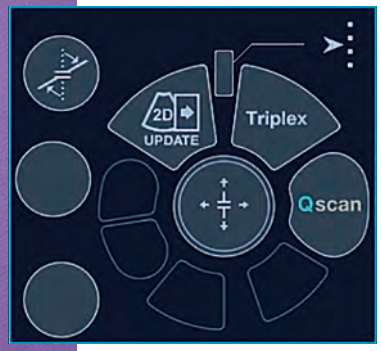
* Than Aplio 500


Aplio i600
AP:100%
Abdo 700
Exam List is Empty
i600



Aplio makes your work flow

Aplio provides a host of intelligent workflow support and automation tools, helping you to achieve rapid results with consistent high quality regardless of the patient condition.

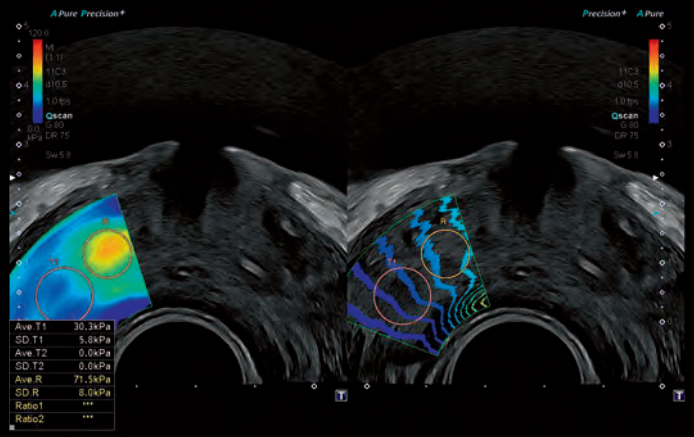


The mode-sensitive on-screen navigation for the central trackball boosts your work-flow and efficiency. By visually guiding you through the exam, it allows you to adapt to, and operate, the system within a few minutes.

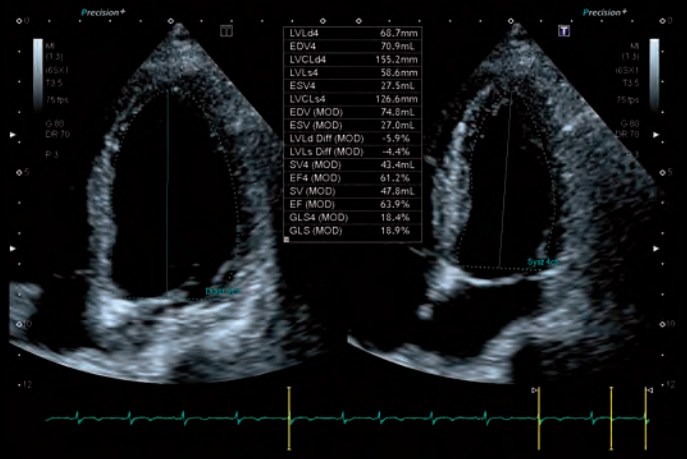
Access all areas

Aplio's large, tablet-style touch screen with three interactive zones allows you to quickly browse and select the desired function, while the rest of the display remains unchanged.

Real-time QuickScan allows you to achieve greater consistency in your exams by ensuring that superb image quality is the benchmark.



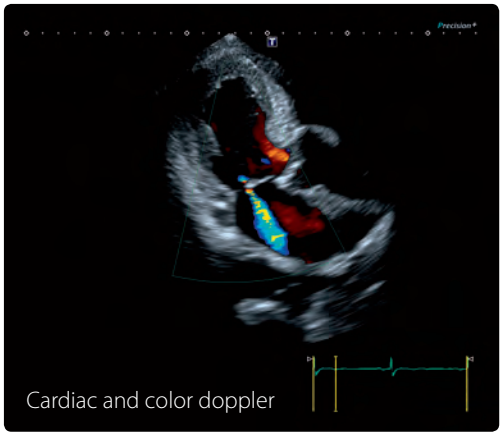
Thanks to Aplio's embedded raw data functionality you can optimize, review, analyze and report your clinical data anytime with no loss of functionality.

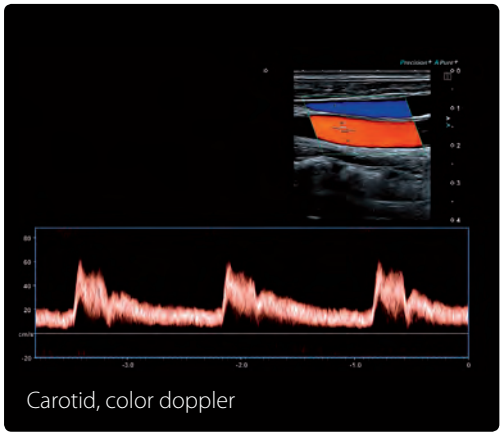


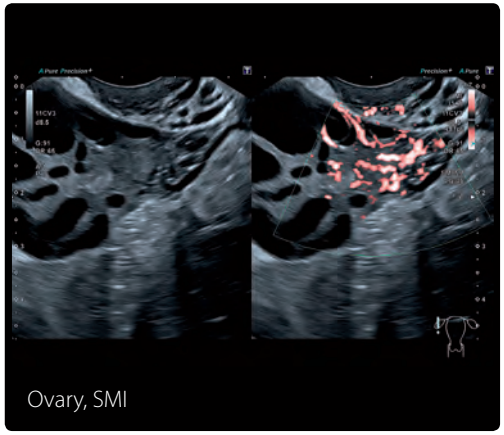
A range of automated measurement and analysis tools help you increase accuracy, consistency and speed of your exams.

Aplio i600

Intuitive. Intelligent. Innovative.

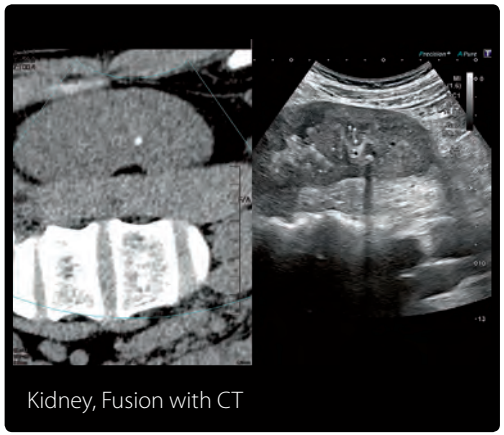

Cardiac and color doppler

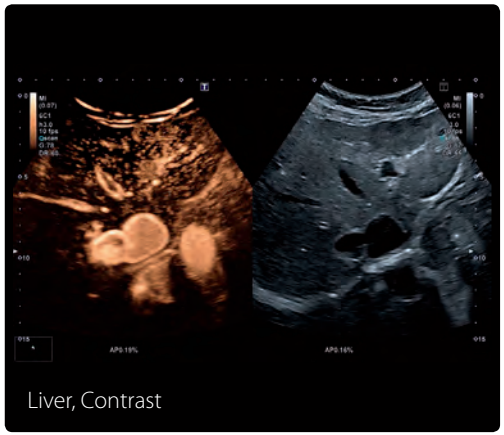

Carotid, color doppler

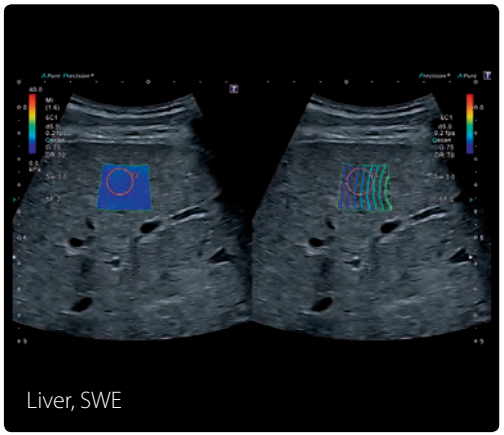

Ovary, SMI

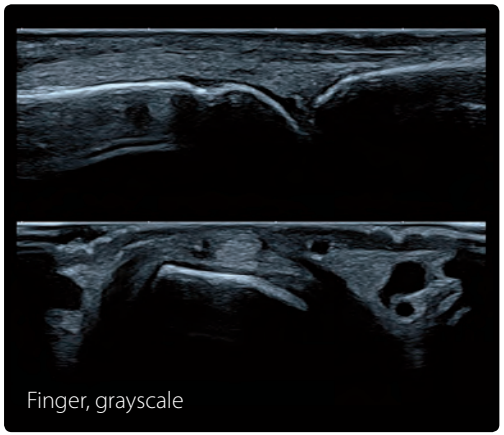

Fetal baby face - luminance


Fetal brain, SMI


Kidney, Fusion with CT


Liver, Contrast


Liver, SWE


Finger, grayscale

Aplio
i-series

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