

Canon

Aplio i-series

Follow us: <https://us.medical.canon>  @CanonMedicalUS  Canon Medical Systems USA, Inc.  +CanonMedicalUS

Canon
CANON MEDICAL SYSTEMS USA, INC.
<https://us.medical.canon>

2441 Michelle Drive, Tustin CA 92780 | 800.421.1968

©Canon Medical Systems, USA 2022. All rights reserved.
Design and specifications are subject to change without notice.

Aplio, Altivity, Flexstyle, ApliGate and Made for Life are trademarks of Canon Medical Systems Corporation. is a trademark of Trice Imaging, Inc.
Canon Medical Systems Corporation meets internationally recognized standards for Quality Management System ISO 9001, ISO 13485.
Canon Medical Systems Corporation meets the Environmental Management System standard ISO 14001.

Disclaimer: Some features presented in this brochure may not be commercially available on all systems shown or may require the purchase of additional options.
Please contact your local Canon Medical Systems representative for details.

ULBR14058US

Made For life

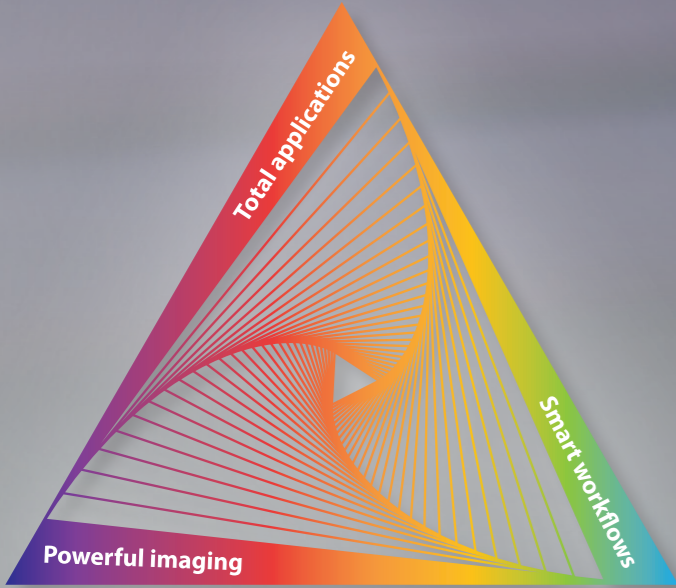


Aplio i-series

Prism Edition

See ultrasound imaging
in a new light.

See ultrasound imaging in a new light



Open up to a new level of diagnostic confidence

Connect with Aplio's new iBeam+ technology for a whole new level of diagnostic confidence and imaging capability with Aplio i-series / Prism Edition.

Create optimal diagnostic pathways with the abundance of advanced diagnostic and interventional tools provided on Aplio i-series / Prism Edition.

Employ intelligent workflows and work directly on the system with other modalities, colleagues and experts to improve your productivity and clinical capability.



A complete, customizable solution for every clinical need

A whole new experience

Aplio allows me to take clinical confidence to a whole new level



Aplio provides signature imaging quality and robustness for a wide range of clinical applications.

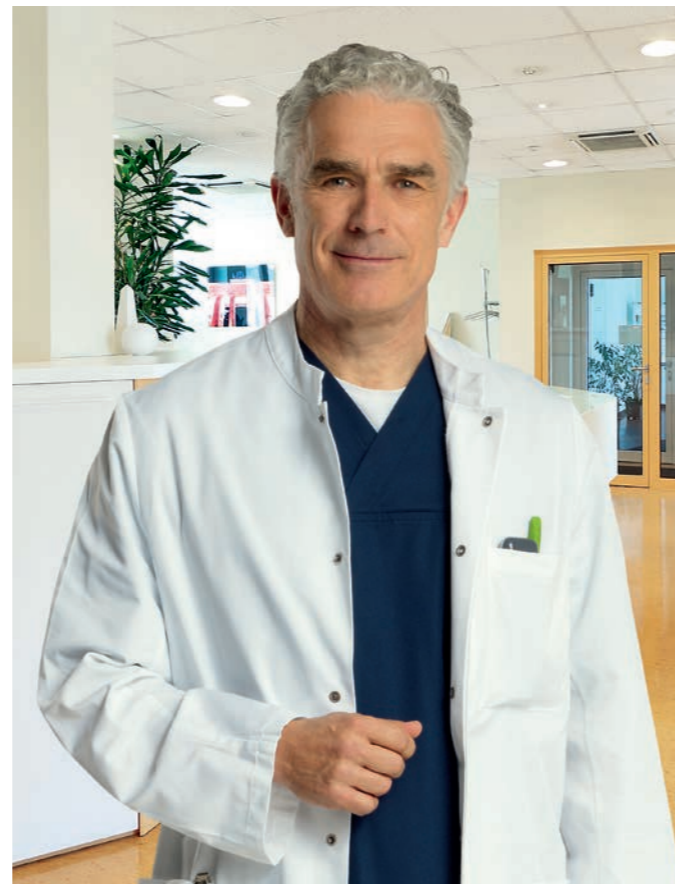
Smart imaging technology further enhances clarity, depth and detail.

Next-generation Superb Micro-vascular Imaging (SMI Gen 4) depicts fine flow with strongly reduced clutter with free breathing.

Ultra Wide View offers an extended field of view without sacrificing image quality or frame rate.



With new insights come new opportunities. Aplio i-series is a trusted premium ultrasound platform with powerful imaging, quantification and advanced analysis capabilities for a wide range of clinical specialties. Its particular strength is the consistent, robust performance and efficiency across a comprehensive range of clinical applications.



Aplio lets me tread diagnostic pathways with optimal efficiency



With a wide range of clinically proven imaging and quantification tools, Aplio puts you at the forefront of diagnostic imaging and research.

Aplio provides you with a comprehensive suite of advanced tools to plan, guide and follow up of image-guided interventions.

As a high-performance, multipurpose system, Aplio enables multidisciplinary patient assessment from a single source.



Aplio's flexibility allows me to create an efficient and comfortable workplace



The carefully redesigned user interface enables a short learning curve for enhanced confidence and productivity.

Improved automation and standardization make your exams faster and more efficient. Even complex tasks are straightforward and easy to complete.

With the flexible console you can create an ergonomic workplace to always work in the magic triangle.*



Make it yours

Aplio is a complete multipurpose solution that allows you to customize features and functions to exactly meet your needs. With Canon's FleXstyle technology you can configure the user interface to how you want to work.



Scan more comfortably and more efficiently
Upgrade your workplace



For more information on setting up an ergonomic workplace, go to healthysonographer.com

Aplio's design can help you scan more comfortably and boost your productivity in daily routine as well as more complex cases. Aplio's system console is fully adjustable for seated or standing use and easily accommodates a variety of users. The rotating user interface allows alignment of elbow, wrist and trackball in an ergonomically sound and patient-engaging position.



Create your ideal workplace

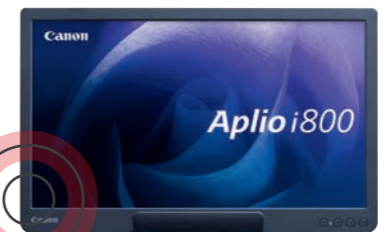
Aplio i-series can be easily and quickly adapted to enable a comfortable, patient-oriented scanning position at all times.

Large monitor with fully articulating arm and handgrip

Floating panel and large touch screen for optimal positioning and operability

Motorized panel height adjustment with 36 cm range

Backlit transducer connectors and convenient footrest



Enjoy optimal mobility

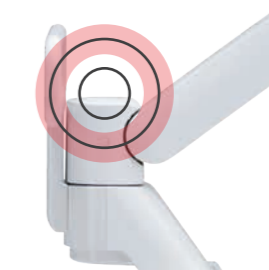
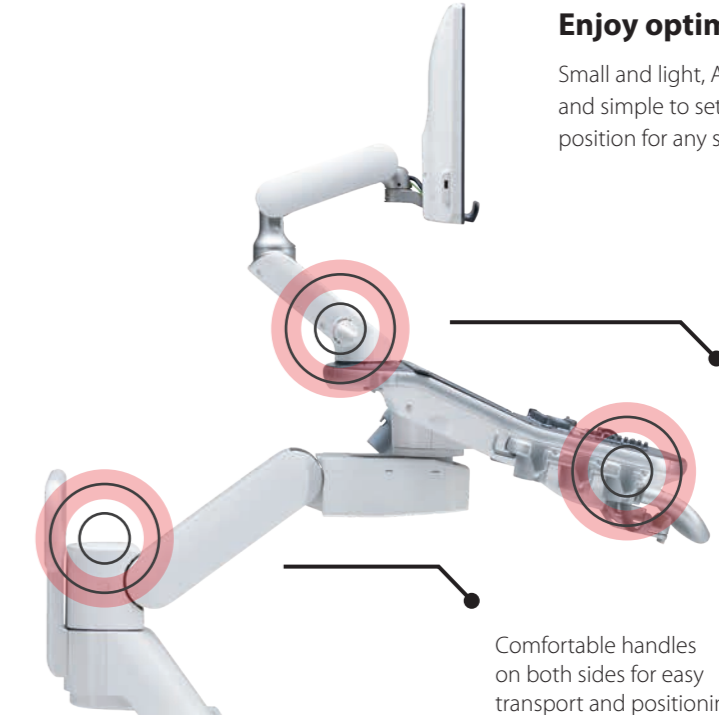
Small and light, Aplio i-series is easy to maneuver and simple to set up in an ergonomically sound position for any scanning situation.

Fully collapsible screen and main panel for easier transport

Up to 30 minutes autonomous scanning with optional battery

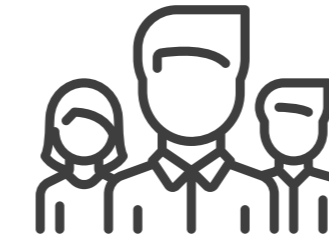
Comfortable handles on both sides for easy transport and positioning

Easy-roll casters with central lock and brake mechanism



Welcome to the age of assisted imaging

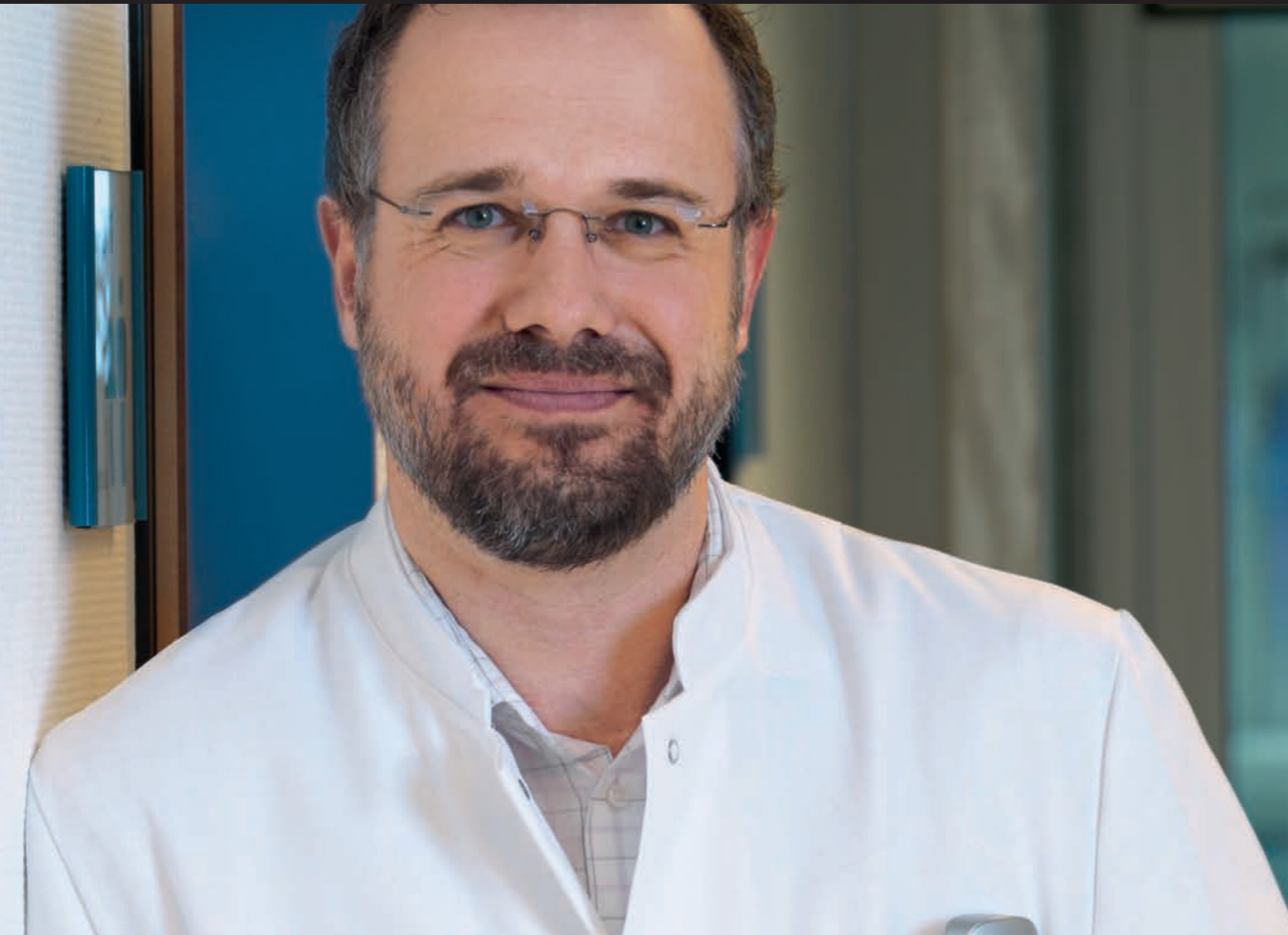
With Canon's suite of intelligent, forward-thinking technologies it's now easier than ever to deliver a confident diagnosis to every patient. While Aplio's smart algorithms allow you to create simple and streamlined workflows, they can also help to deliver fast and confident results so you can deliver personalized treatment of your patients.



Intelligent healthcare made easy

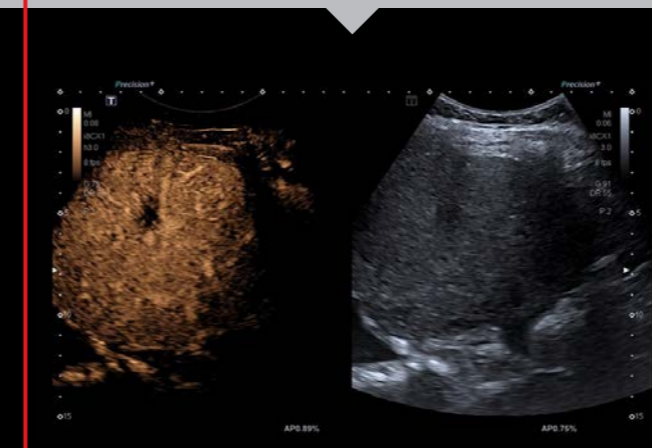
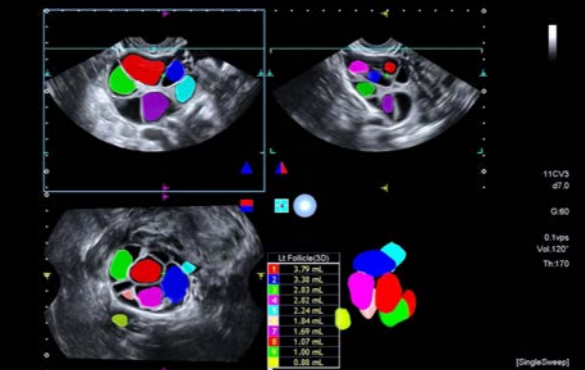
Aplio i-series / Prism Edition provides a whole spectrum of flexible, productivity functions, enabling you to optimize system operation to match your specific requirements with a programmable, context-sensitive user interface, smart functions and adjustable workflow protocols.

Advanced technologies applied to expert knowledge help me improve workflow.



Contrast Exam Protocols

Contrast exam protocols can assist in streamlining the CEUS exam, with the potential to assist with correct timing and imaging transitions as well as proscribed lab-specific workflows.

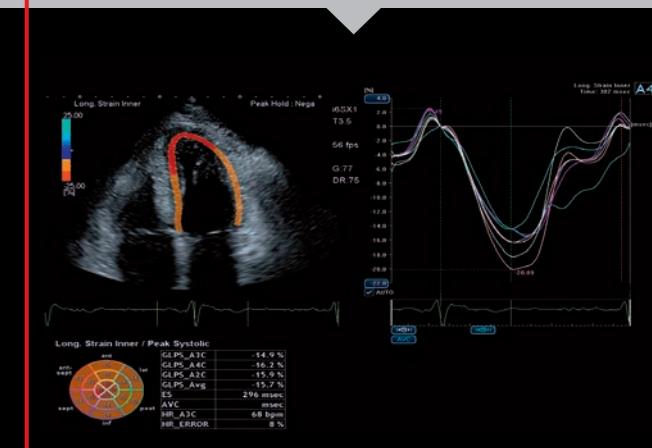


Automated Follicle Count

The systems' automated follicle count software largely benefits from the high image quality, allowing for fast and easy determination of the number and size of the follicles.

Automating measurements

The automated contour tracing powered by AI helps you improve your workflow consistency and efficiency simply at the touch of a button.



Take a holistic view of your patients

Aplio provides clinically validated, non-invasive tools to aid in the assessment and management of liver disease in patients and provides easy-to-interpret clinical reporting and standardization for a wide range of clinical targets.

Confident assessment

The superior quality of imaging and contrast resolution that Aplio can offer is a fundamental requirement for the assessment of pathologies.

Advanced visualization

Aplio's clinically proven liver analysis tools are designed for ultrasound-based imaging in the daily routine.

Clinically proven quantification

Verified by clinical studies, Aplio's wide range of contrast tools are safe and efficient instruments for the characterization and follow up of lesions.

Sophisticated intervention

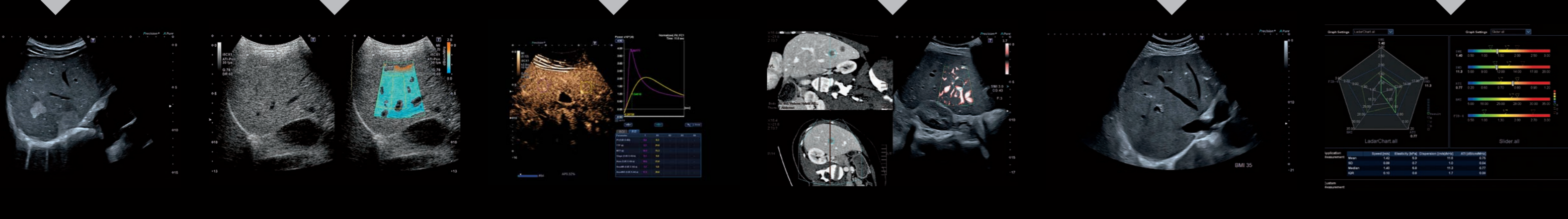
Aplio's dedicated transducers, imaging and navigation tools help you enhance confidence during interventional procedures and in their follow-up.

Comparative follow-up

In combination with the system's onboard reporting, Aplio offers a wide range of quantification tools and the ability to directly compare with previous tests in follow-up imaging.

Multi Parametric Reporting

Aplio can combine the results of ultrasound and external exams into a single report for a more complete overview of available results.



Ultra-low flow imaging, even with movement

Seeing the unseen – next generation

Ultra-low flow imaging

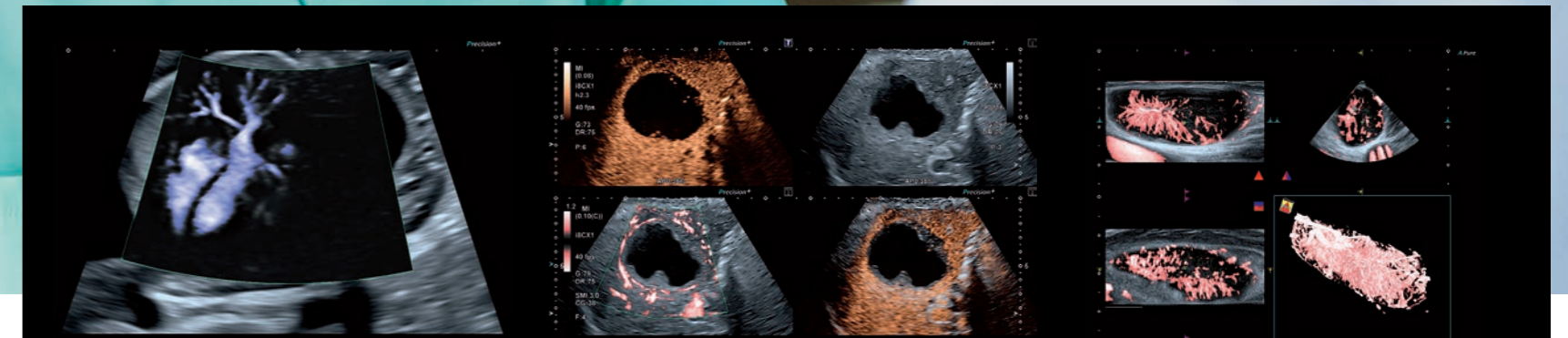
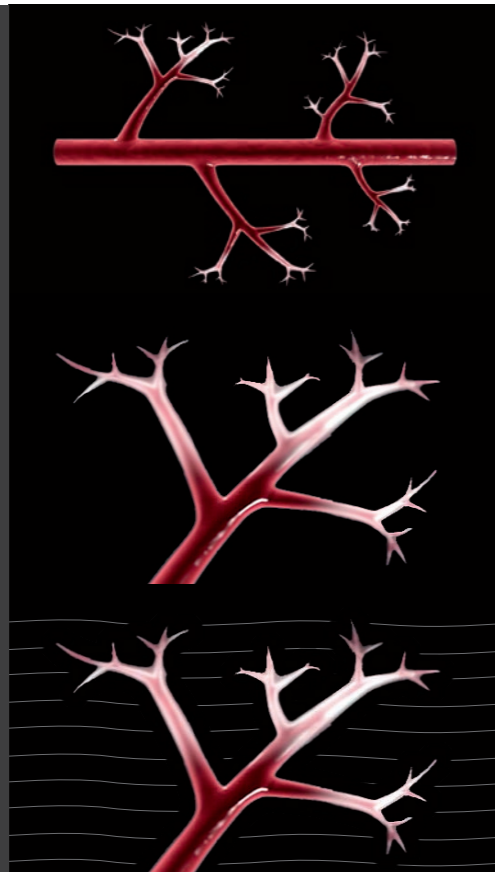
Say hello to a new generation of SMI that significantly expands the range of visible blood flow from extremely low to high flow with low noise and good sensitivity.

Ultra-high resolution

Aplio's new iBeam+ architecture enables advanced B-mode image quality with higher frame rate for better visualization of the underlying anatomy.

Allows for patient breathing

Next generation SMI provides blood flow imaging with suppression of clutter artifacts caused by fast moving and strongly scattering tissue, by making a higher detection range of flow velocity available.



SMI's level of vascular visualization, combined with high frame rates, advances diagnostic confidence when evaluating the micro-vasculature of organs and lesions.

The system's quad mode capability depicts up to four different modes including SMI or CEUS simultaneously in real-time for enhanced diagnostic insight.

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

Collaborate and communicate

Whether you work at a large university or local hospital, a private practice or in an imaging center – Aplio i-series / Prism Edition offers a variety of ways to connect to your network, to collaborate with experts, and to communicate directly with colleagues or Canon specialists.



Aplio connects seamlessly into hospital networks providing a full-spectrum solution that helps you manage patients and exams more efficiently while embracing standardized data formats.



For smaller hospitals or practices without an extensive hospital network, Aplio also offers the option of connecting to a local NAS in order to store all data securely.¹



With the embedded raw data functionality you can optimize, review, analyze and report your clinical data either on the device or on an optionally available workstation without losing functionality.



Integrating modalities

On Aplio, merging modalities such as CT, MR or PET for synchronized display is a simple, automated process that allows you to easily identify and compare lesions and to safely navigate complex anatomy.



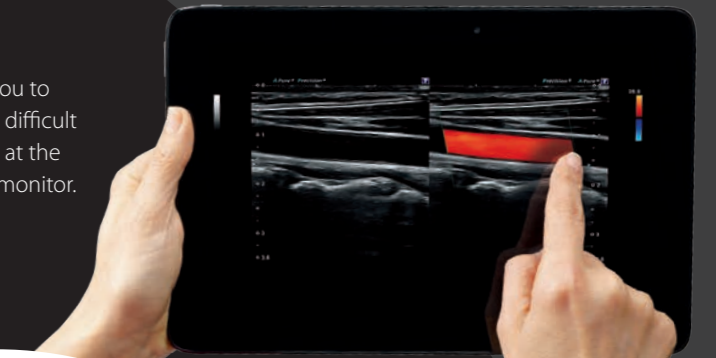
Interdisciplinary intervention

With dedicated imaging and navigation tools, Aplio can also be integrated with interventional solutions such as the Alphenix 4D CT to further improve confidence in interventional procedures and their follow-up.



Wireless console

The optional wireless tablet allows you to remotely operate the system when it is difficult to scan a patient and reach the panel at the same time, without losing sight of the monitor.



Remote connect

Need expert advice? Or want to share findings with peers? With Canon's optional ApliGate solution you can view securely – right from your workplace.



Cloud services

The system's integrated Tricefy* option gives you direct access to cloud-based communication, and image management, for immediate sharing, access, and mobility of medical images and reports



Remote support

Connecting Aplio with Canon's InnerVision remote support is simple, secure and provides you with a wealth of benefits that you'll be able to enjoy directly at your system.

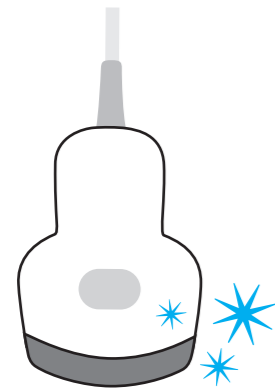


*Tricefy requires and additional third-party subscription and may not be available in all regions.

A perfect match from beginning to end

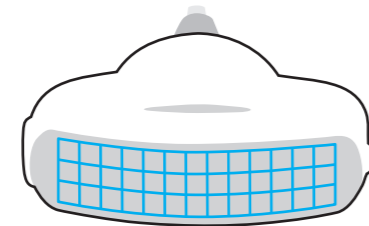
Meticulous design – in the palm of your hand

At Canon we develop, design and manufacture the core imaging components of our industry-leading ultrasound equipment in-house to ensure that soft- and hardware work perfectly in sync to provide superior clinical and economic value to our customers and their patients.



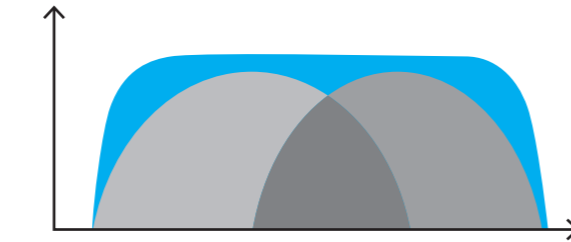
Single crystal

Aplio connects to a range of transducers that use single crystal technology to provide better visualization and improved penetration of up to 50 cm, so you can better manage your hard-to-image patients.



iDMS matrix technology

Aplio's intelligent Dynamic Micro-Slice (iDMS) matrix technology sharpens ultrasonic beams in the elevation direction to create a thin slice beam with continuous focus from the near to the far field.



Ultra-wideband transducers

Aplio's ultra-wideband, multi-frequency transducers provide superior sensitivity and resolution for both near and far field. The ability to use one transducer across a wider range of patient types can potentially reduce cost, while providing enhanced imaging.



A higher definition of imaging

iBeam+ is the next level of ultra-fast and precise beam shaping, enhancing image depth and detail with clear, sharp, and distinct images.



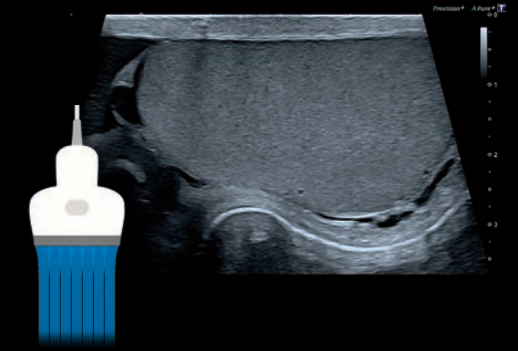
Aplio's iBeam+ beamformer technology is up to 4 times faster than non-Prism version's hardware to provide sharper images with better penetration and thus optimal, more robust results for higher clinical confidence.

In combination with other imaging modes or advanced applications, iBeam+ can help you to improve clinical utility and operability with enhanced image uniformity, higher speed and fewer operation steps* to achieve an optimal result.

*compared to the previous versions of Aplio i-series

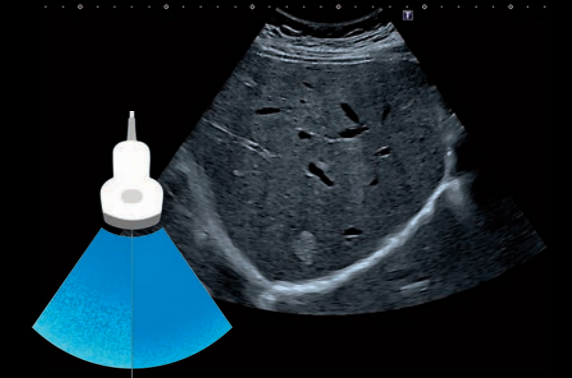
Improved uniformity

Aplio's innovative Full Focus function enables clear, uniform images from near and to far field without the need for focus adjustments. With fewer application steps and greater uniformity, this can be particularly useful to help shorten exam times.



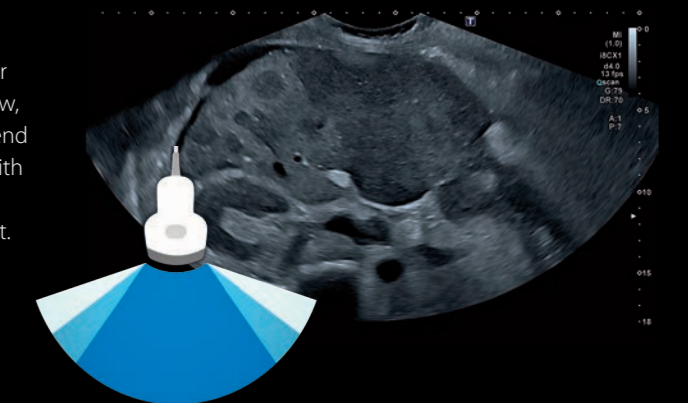
Enhanced penetration

The improved bandwidth and processing power of the iBeam+ beamformer results in images with better penetration and detail resolution, so you can see more without having to switch to a lower frequency transducer.



Ultra Wide View

While typically the footprint of a transducer has limited the anatomy that we can show, Canon's Ultra Wide View allows you to extend the field of view by up to 140 degrees with PVI-475BX while maintaining excellent image quality and frame rate throughout.

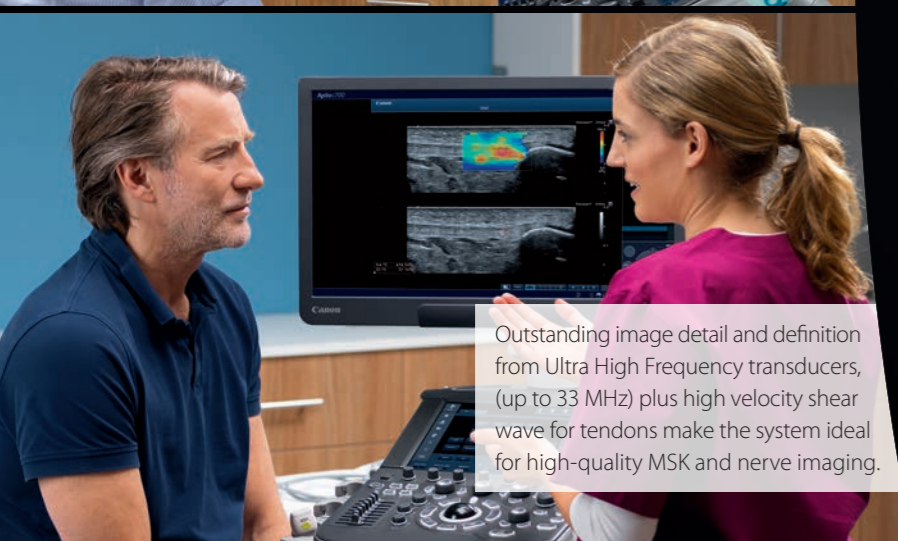




A comprehensive suite of tools that covers all aspects of women's health including assisted reproduction, makes Aplio a powerful solution for gynecological applications.



Aplio makes echo easier with its excellent image sharpness and the automation of time-consuming measurements.



Outstanding image detail and definition from Ultra High Frequency transducers, (up to 33 MHz) plus high velocity shear wave for tendons make the system ideal for high-quality MSK and nerve imaging.

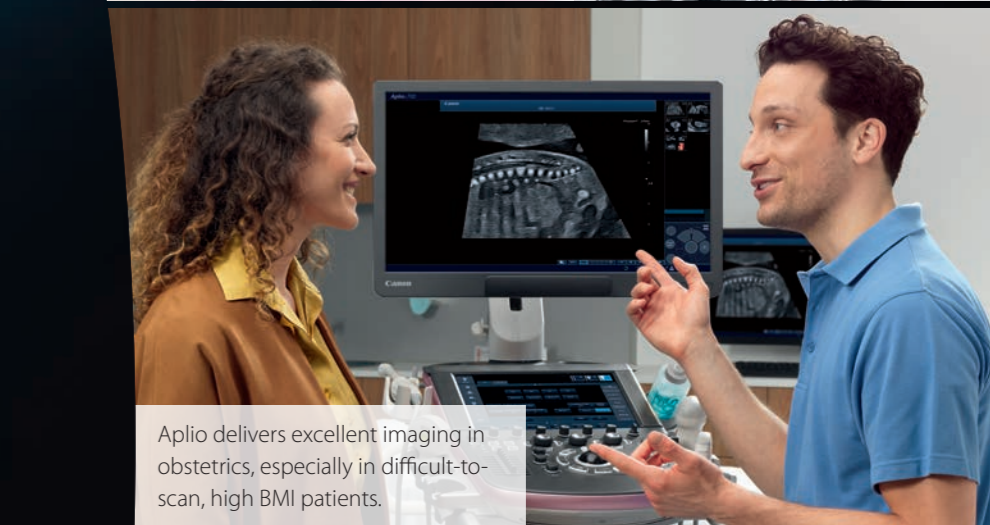


A complete multipurpose solution

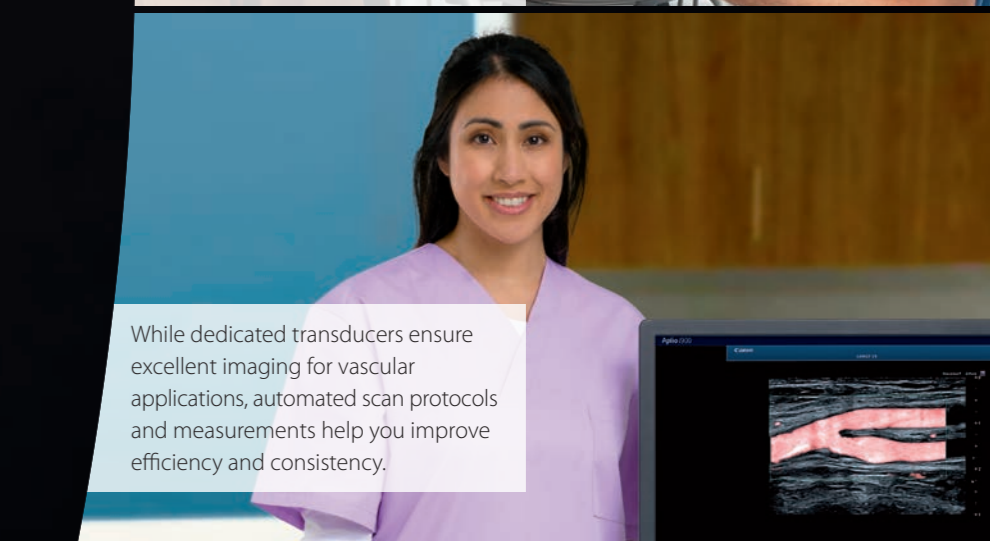
Aplio i-series / Prism Edition is a truly multipurpose solution with consistently high-quality imaging, streamlined workflow and expert tools for a very wide variety of clinical specialties. Its modular concept and fully programmable user interface make it easy to customize features and functions to exactly meet your needs now and into the future.



As a market leader in the high-end radiology segment, Aplio i-series is characterized by its excellent image quality, comprehensive diagnostic packages and a wide range of interventional tools.



Aplio delivers excellent imaging in obstetrics, especially in difficult-to-scan, high BMI patients.



While dedicated transducers ensure excellent imaging for vascular applications, automated scan protocols and measurements help you improve efficiency and consistency.