

Canon



Aplio i700

Prism Edition

For every stage of life

Women's Health

For every stage of life

From routine screening to clinical research, from assisted reproduction to high-risk intervention, from gynecological imaging to interdisciplinary assessment, Aplio i700 offers a wide range of diagnostic solutions that help meet your specific clinical needs. The multidisciplinary approach of Aplio ensures consistently high image quality with superior productivity across the clinical portfolio.

Intelligent healthcare made easy

Aplio i700 offers a range of flexible, AI-assisted productivity features to help you optimize your workflow, diagnostic performance and imaging consistency.



High image quality for technically difficult patients

Regardless of patient condition, Aplio i700 provides excellent image clarity and definition with exceptional penetration in 2D and 3D. Aplio's innovative transducer technology allows most exams to be performed transabdominally, which is reassuring for your workflow and convenient for your patients.

Exceptional detail from every angle

Aplio's comprehensive 3D volumetric imaging suite extends your diagnostic capabilities into the next dimension of imaging with simple, automated workflows and high-quality, natural-looking 3D renderings and cutplanes that provide strong visual feedback from the first trimester onwards.

Optimized comfort meets automated workflows

Aplio i700 is a Healthy Sonographer platform with adaptive ergonomics and automated workflows. This platform allows you to adapt the system to your preferences, to each of your exams and your patients to increase the comfort and efficiency of your workplace while improving the patient experience.



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

Obstetric imaging

Superior performance means more confidence

Small, lightweight transducers with high image quality enable easier, faster work and high diagnostic reliability at the same time.



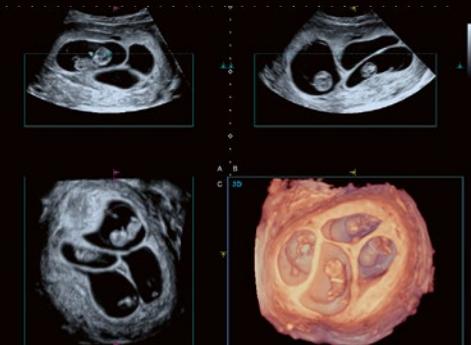
Early detection of fetal abnormalities is crucial for efficient and safe decision-making as early as possible. Canon's advanced transducer and beamforming technology provides high-quality imaging with unprecedented detail and clarity at every step of fetal development. While Aplio's dedicated Women's Health range lets you focus on the tools you need, upgrading is easy as your diagnostic scope expands.



Outstandingly detailed images with increased contrast, enhanced uniformity and reduced speckle noise help you improve visualization even in the early stages of fetal development.



With unsurpassed resolution and level of detail, Superb Micro-vascular Imaging (SMI) and Doppler Luminance are ideally suited for the precise visualization of flow in the fetal heart, lungs, brain and abdomen.



High-quality, high-resolution volumetric imaging can help evaluate complex anatomy through efficient segmentation, realistic 3D rendering, and assessment from multiple angles.



powered by  **Activity**



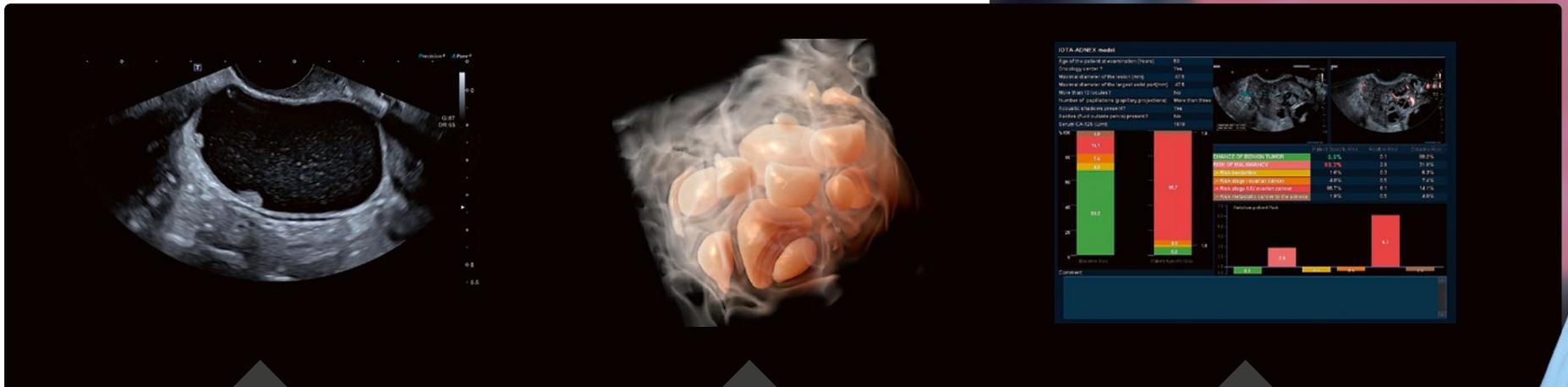
Smart Area Indication OB

Aplio i700 can help you simplify and streamline repetitive tasks such as performing growth measurements with the AI-assisted automatic detection of standard scan planes and automated measurements.

Gynecological ultrasound

Meet diverse requirements with consistent quality

The multidisciplinary origins of Canon's ultrasound portfolio provide a wider range of diagnostic capabilities while delivering high performance and image quality. Innovative technologies can help make the process faster, more reliable and less invasive for the patient.



Consistently high image quality makes the Women's Health range particularly valuable when comprehensive examinations are required.

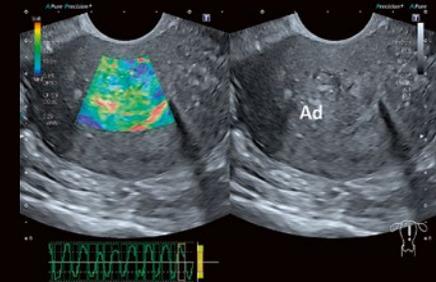
Aplio provides a wealth of tools to improve visualization of complex anatomy in 2D and 3D, also in combination with advanced modes like Shadow Glass, SMI or elastography.

Aplio supports evidence-based reporting and classification in accordance with IOTA and RADS standards to simplify exams while increasing accuracy and efficiency for the user.

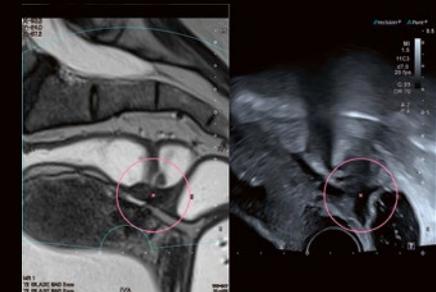


Advanced tools for more detailed insights

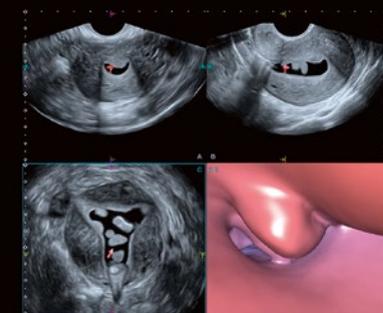
Aplio's extensive suite of advanced imaging and quantification functions can help you obtain definite answers quickly and with confidence.



Elastography



Smart Fusion



Virtual hysteroscopy with FlyThru

Breast imaging solutions

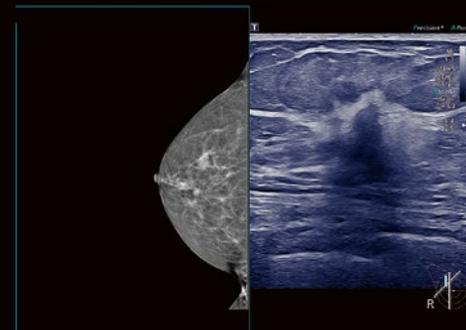
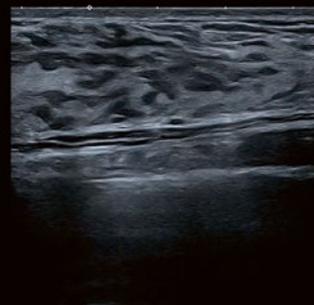
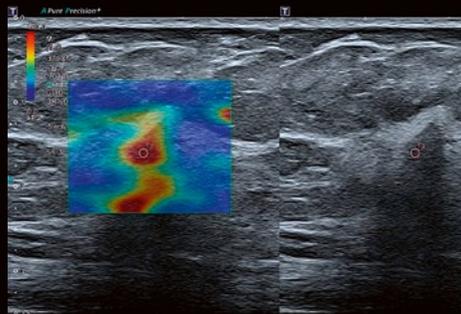
Sophisticated tools for comprehensive insights

Breast ultrasound is readily available, radiation-free and non-invasive. These benefits, however, come with some challenges, particularly when dealing with dense breast tissue and in the detection of calcifications and small tumors. With iBeam+ and specialized broadband transducers, Aplio enables excellent homogeneity and superior definition even in dense tissue. Aplio also offers a complete set of tools for advanced quantification and evidence-based documentation.

Advanced technologies such as Shear Wave Elastography (SWE) or SMI are also available on high-frequency transducers for the quantitative assessment of inflammations or pathological tissue changes.

Using a magnetic sensor, Smart Body Mark can help improve workflow and reporting accuracy by automatically keeping the body mark in place while marking previously scanned areas.

Aplio's breast scan guide allows you to combine real-time ultrasound imaging with pre-acquired mammography data for improved localization of lesions in a user-defined region of interest.





The outstanding resolution of Aplio's high frequency transducers can help identify fine detail and potential lesions early.

BI-RADS™

Findings

- Calcification
- Calcification pattern
- Calcification distribution
- Calcification morphology
- Calcification stability
- Calcification location
- Calcification size
- Calcification shape
- Calcification margin
- Calcification echogenicity
- Calcification echotexture
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BI-RADS™ 2

Clear

Aplio supports evidence-based BI-RADS™ reporting to simplify exams while increasing accuracy and efficiency for the user.

Upgrade your workplace

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 the elbow, wrist and trackball in an ergonomically sound and patient-engaging position.

Create your ideal workplace

Aplio i700 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 i700 is easy to maneuver and simple to set up ergonomically sound for any scanning situation.

Fully collapsible screen and main panel for easier transport

Up to 30 minutes autonomous scanning with optional battery

Easy-roll casters with central lock and brake mechanism



Collaborate and communicate

Whether you work at a large university or local hospital, a private practice or in an imaging center – Aplio i700 / 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.



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.



Remote connection

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



Cloud services

The system's integrated Tricefy* option gives you direct access to cloud-based communication, image management and documentation, so you can instantly share images and reports with referring physicians or patients.



Remote support

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



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.



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.

*Tricefy is an independent third-party service that requires an additional third-party subscription and may not be available in all regions.



Altivity is Canon Medical's new approach to AI innovation. It is a multimodality, overarching brand, which pulls together all the AI technology that Canon Medical provides under one name.

Aplio i-series

Canon

CANON MEDICAL SYSTEMS CORPORATION

<https://global.medical.canon>

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Made For life