

TOSHIBA



Aplio i800

Intuitive. Intelligent.
Innovative.

Women's Healthcare



**INTELLIGENT
DESIGN**

**iBEAM
ARCHITECTURE**

**INTUITIVE
WORKFLOW
SUPPORT**

Aplio i800



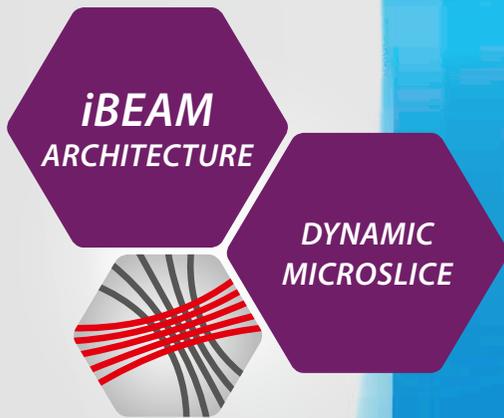
Magic inside

Aplio™ i800 is designed to deliver outstanding clinical precision and departmental productivity. Crystal-clear images with enhanced resolution and penetration, as well as an abundance of expert tools help you get your diagnostic answer quickly and reliably.

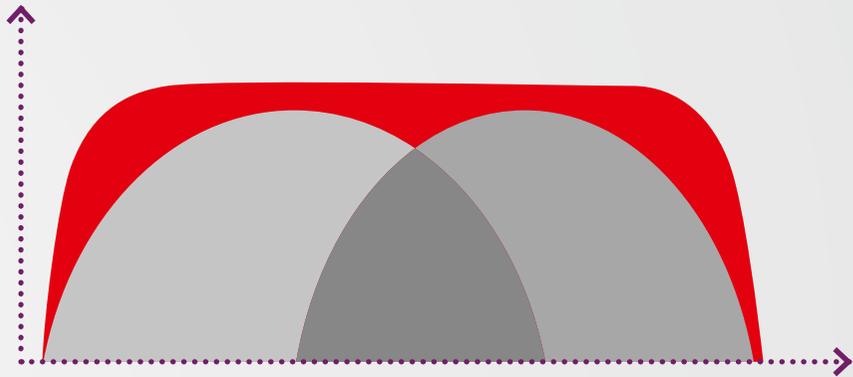
Crystal-clear imaging, superior versatility

From the smallest to the toughest patients, Aplio's revolutionary iBeam architecture with dramatically increased processing power* provides unprecedented imaging clarity and definition while significantly enhancing penetration.

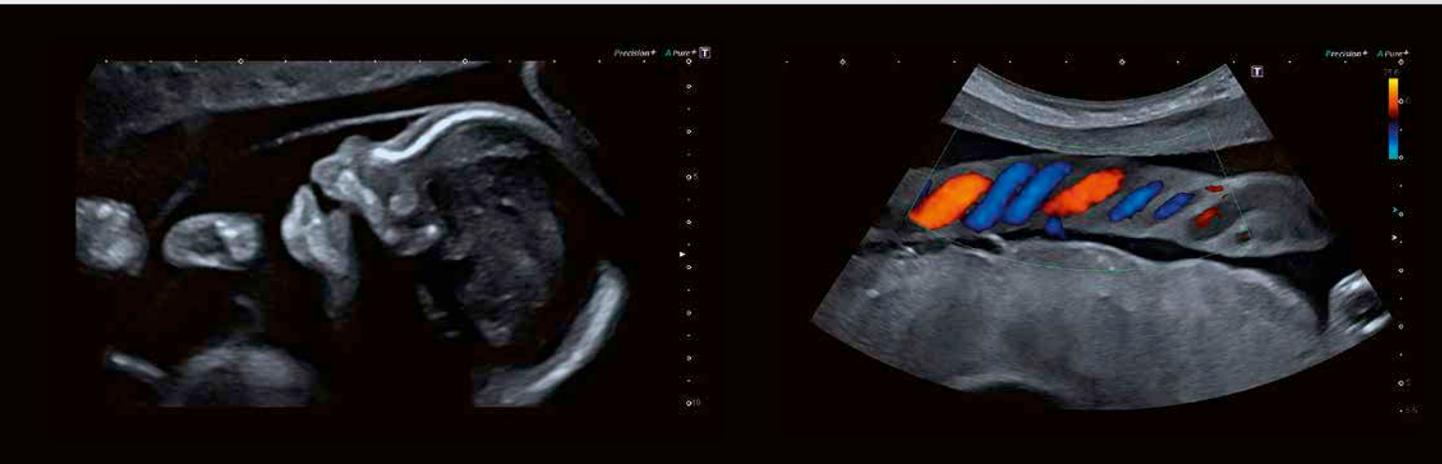
Aplio's Dynamic MicroSlice technology increases clinical accuracy and reveals more detail in all depths by electronically sharpening the imaging slice thickness.



Better diagnostics starts here



Aplio's ultra-wideband i-series transducers cover the same bandwidth as two conventional transducers, providing superior sensitivity and resolution for both near and far field. While helping to reduce cost, this revolutionary transducer design can provide better imaging regardless of the patient condition.



Ultra-Wideband Sector i6SX1



Ultra-Wideband Linear i18LX5



Ultra-Wideband Convex i8CX1



Enjoy the perfect picture

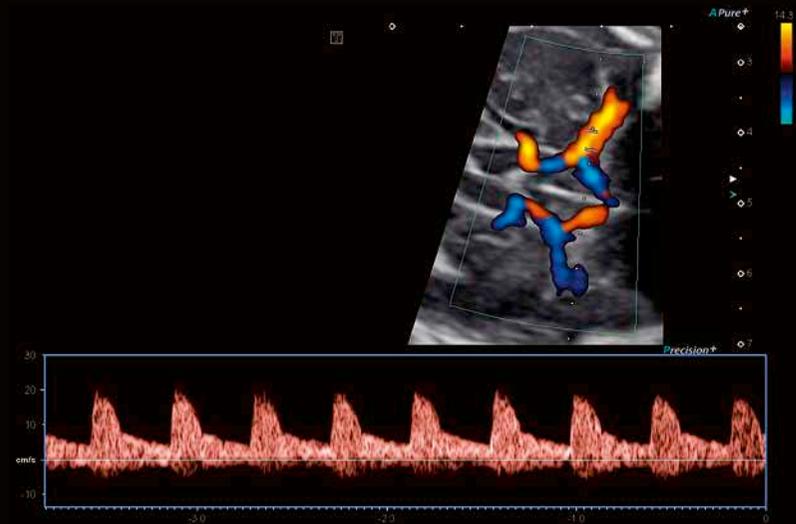
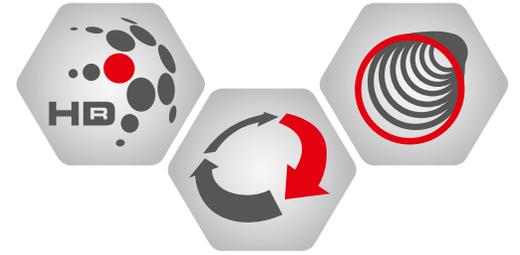
Each of Aplio's unique imaging technologies provides you with better image quality by reducing clutter, strengthening signal and improving visualization. All functions work hand in hand with other imaging modes for greater uniformity across all applications.



- 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.



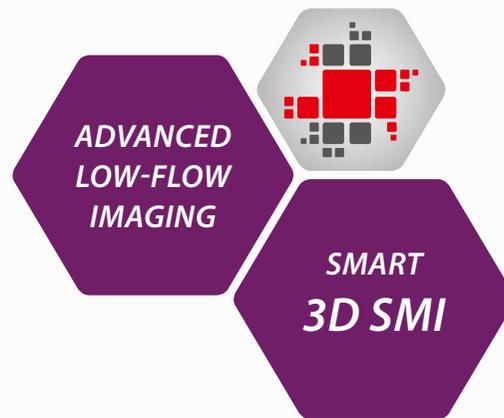
- Differential Tissue Harmonics provides harmonic images of unsurpassed spatial resolution, alongside greatly enhanced penetration.

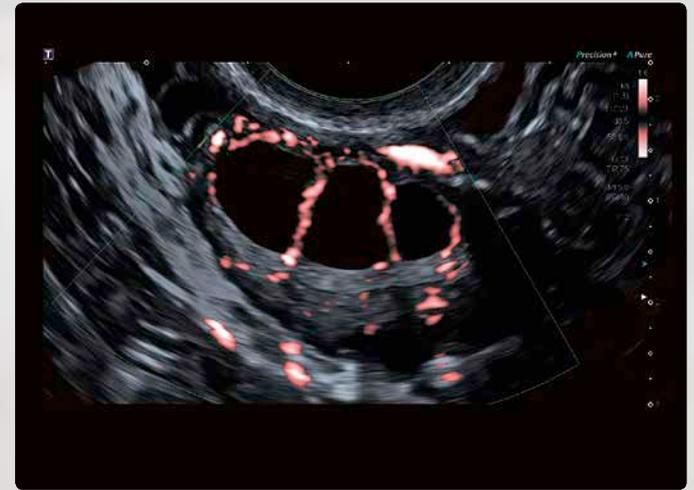
- Aplio's wideband transducer and signal processing technology delivers outstanding sensitivity, penetration and spatial resolution for all Doppler modes.



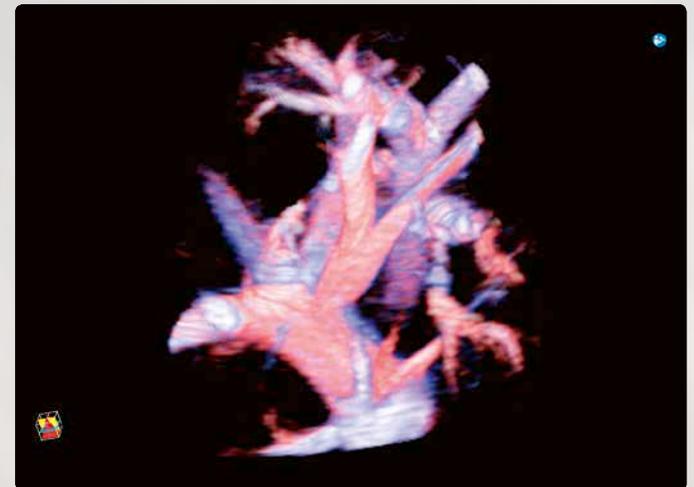
Seeing the unseen with SMI

Experience color flow imaging with unmatched detail and definition on Aplio i800. Superb microvascular imaging (SMI) expands the range of visible blood flow to visualize low-velocity microvascular flow never before seen with diagnostic ultrasound.





- 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.

Exceptional detail for a more precise diagnosis

Both the busy clinician and the patient can benefit from 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.



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



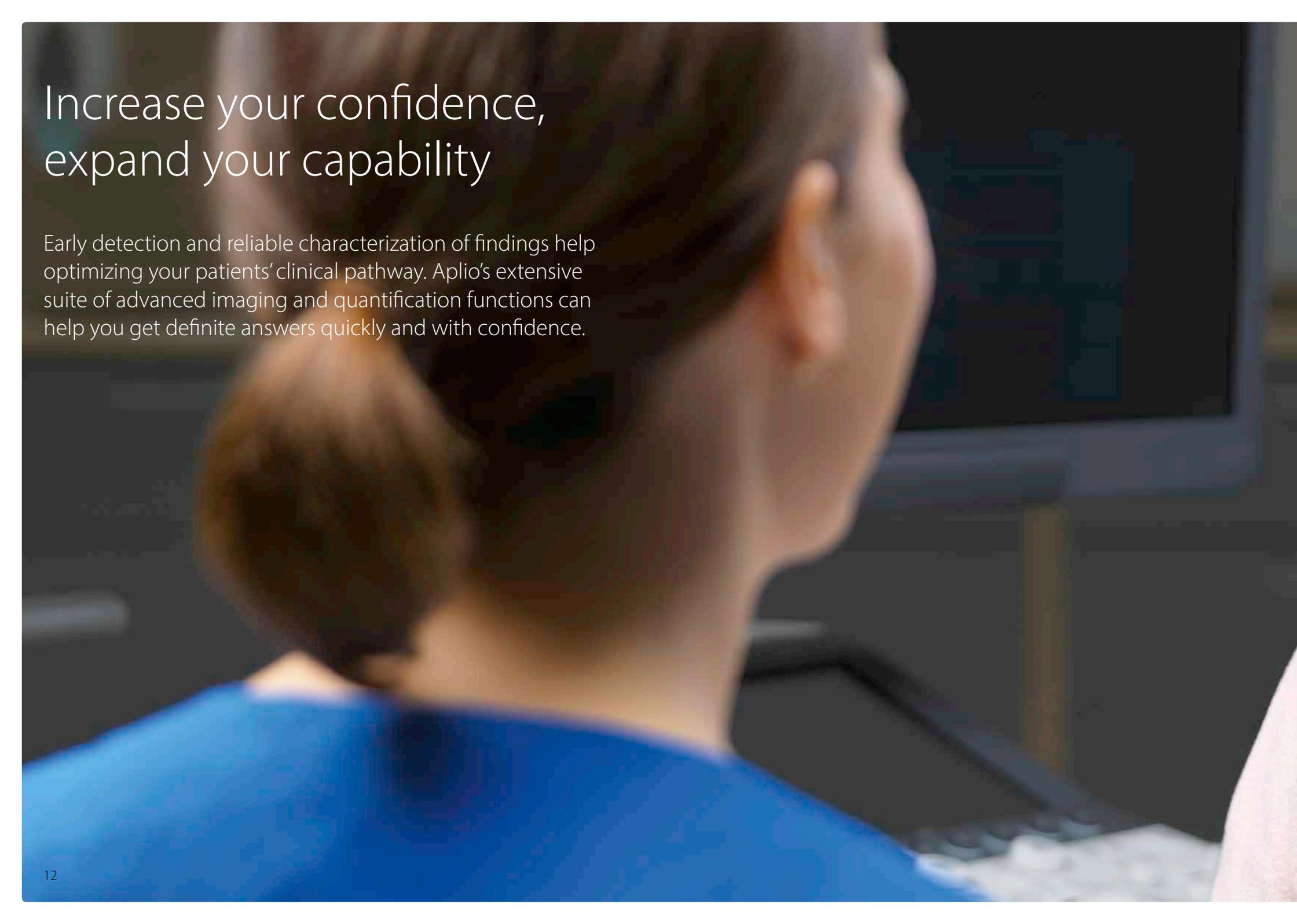
- Combine both anatomical structure and vascular flow with Shadow Glass. Adding a semi-transparent glass effect to the skin surface, it helps you reveal more clinical detail.



LUMINANCE

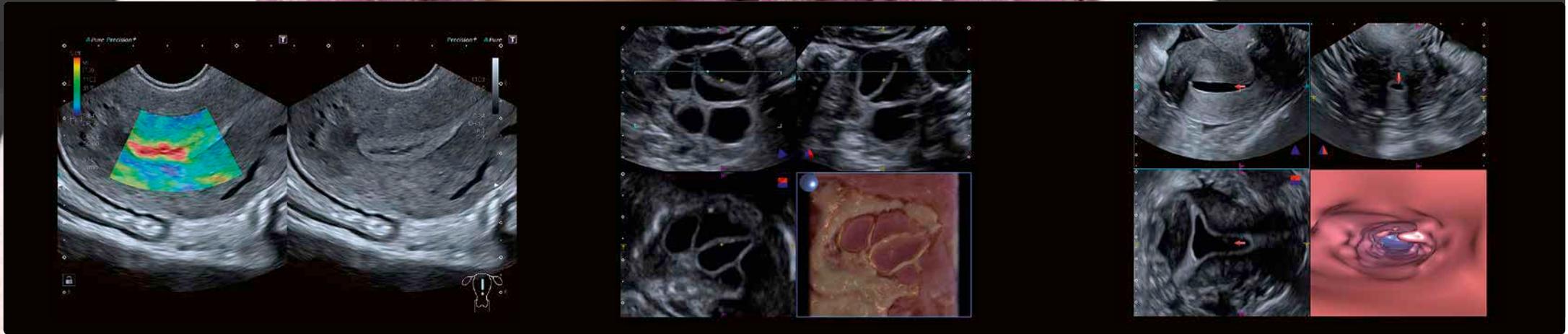
VOLUMETRIC
IMAGING

MULTI VIEW

A person with dark hair tied back, wearing a blue shirt, is seen from the back and side, looking at a computer monitor. The monitor displays a dark screen with some faint, illegible text. The background is a clinical or office setting with dark walls and a desk.

Increase your confidence, expand your capability

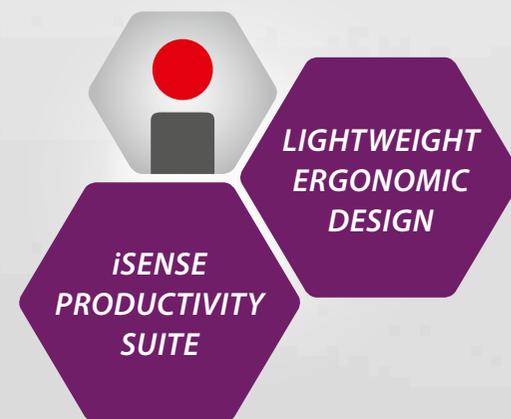
Early detection and reliable characterization of findings help optimizing your patients' clinical pathway. Aplio's extensive suite of advanced imaging and quantification functions can help you get definite answers quickly and with confidence.



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

• Aplio provides a wealth of tools to improve visualization of complex anatomy in 2D and volumetric formats, also in combination with advanced imaging modes such as Shadow Glass, SMI or elastography.

• Soar through cavities, ducts and vessels with FlyThru. Similar to virtual endoscopy, the tool allows you to explore lesions and masses and to plan interventional procedures.





Designed with our users in mind

Smaller and lighter, Aplio i800 is easy to maneuver. With over 36 cm panel height adjustment, lateral slide and a fully articulating monitor arm, Aplio i800 helps you to optimally adjust the console to virtually any scanning position.

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 image shows a close-up of the Aplio i800 control panel. The panel features a large, illuminated touch screen with various icons and text. Above the screen, the text 'Aplio i800' is visible. To the right of the screen, there are three purple hexagonal callout boxes. The top box contains the text 'INTELLIGENT PANEL', the bottom box contains 'INTERACTIVE TOUCH SCREEN', and the rightmost box contains '50% LESS HARD KEYS'. The background is a blurred clinical setting.

INTELLIGENT
PANEL

50%
LESS HARD
KEYS

INTERACTIVE
TOUCH SCREEN

Access all areas

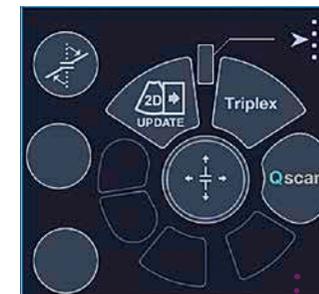
Aplo's large, tablet-style touch screen with three interactive zones allows you to quickly browse and select the desired function, while the rest of the display remains unchanged.



Switch to auto-pilot

Aplio's context-sensitive user interface is designed to make your imaging task simpler and quicker. While automated settings can deal with routine clinical needs, you always retain control over all imaging parameters when needed.

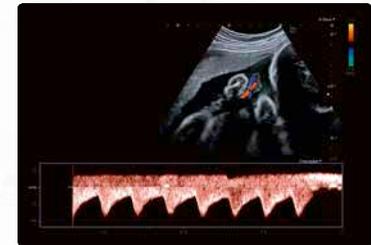
**INTELLIGENT
ON-SCREEN
NAVIGATION**



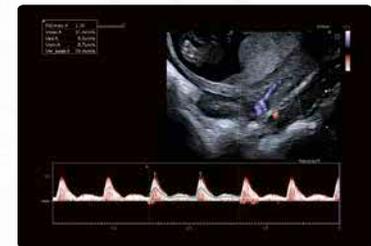
The mode-sensitive on-screen navigation for the central trackball boosts your workflow and efficiency. By visually guiding you through the exam, it allows you to adapt and operate the system within a few minutes.



Realtime QuickScan allows you to achieve greater consistency in your exams by ensuring that superb image quality is the benchmark at all times.



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.

Go wireless to gain better access

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

The wireless tablet is also ideal for scanning in mobile environments, sterile situations and for infection control to protect the system from possible contamination.



**REMOTE
ACCESS**



Aplio's raw data capability enables you to efficiently scan and acquire images on the tablet, while you can do measurements and annotations later on the system console.



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Aplio
i-series

TOSHIBA MEDICAL SYSTEMS EUROPE

www.toshiba-medical.eu

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Toshiba Medical Systems Corporation Nasu Operations meets the Environmental Management System standard, ISO 14001.

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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 Toshiba representative for details.

