

**TOSHIBA
MEDICAL**



Aplio i800

Intuitive. Intelligent.
Innovative.

General Imaging





Aplio™ i-series provides you with an intuitive workplace from the very first moment. The system's intelligent iSense console, together with a full host of innovative, automated imaging functions deliver an extraordinary experience: fast and easy workflow combined with outstanding clinical precision and unmatched versatility.

Aplio's revolutionary iBeam architecture and iPerformance suite offer superior imaging with unprecedented depth and detail. The system's wide range of expert tools with exceptional ease of use helps you maximize your clinical confidence, while boosting your productivity.



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

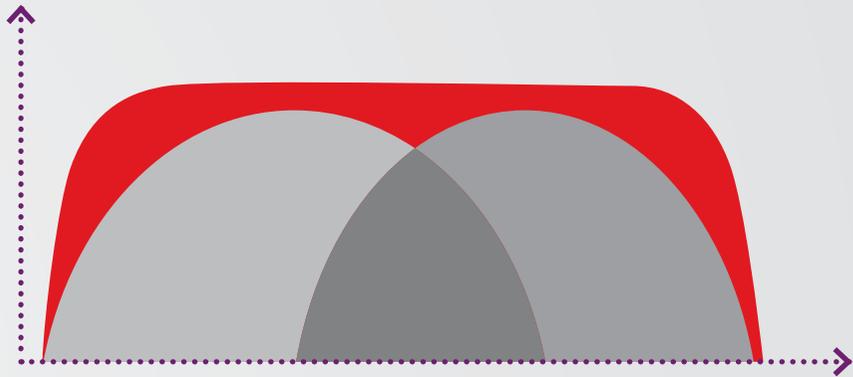
From the smallest to the toughest patients, Aplio's revolutionary iBeam architecture with dramatically increased processing power* provides unprecedented imaging clarity and definition while significantly enhancing penetration.



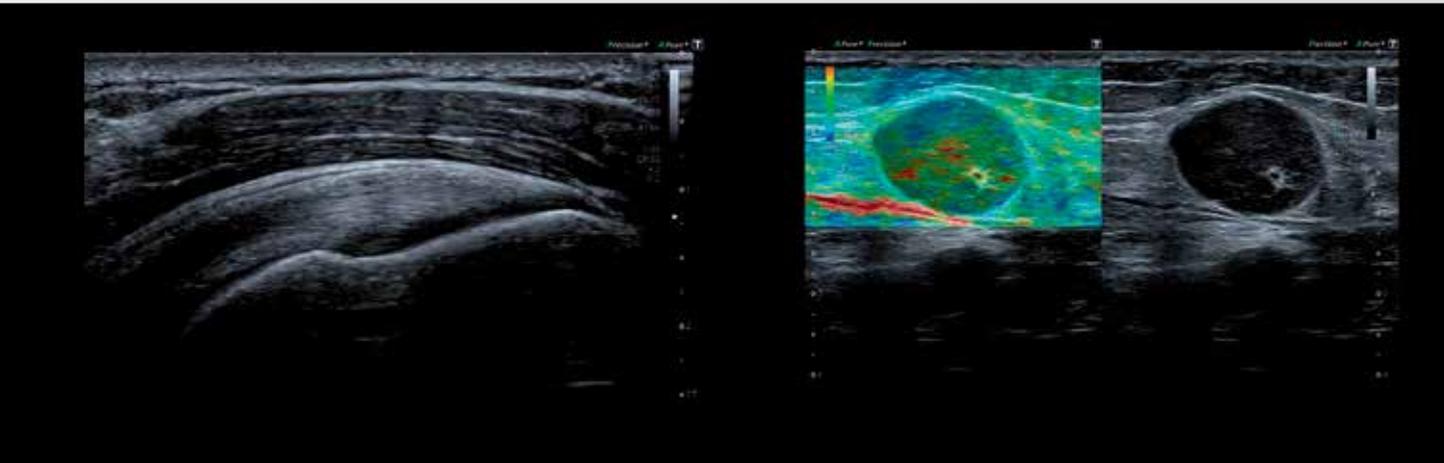
Aplio's Intelligent Dynamic MicroSlice technology increases clinical accuracy and reveals more detail in all depths by electronically sharpening the imaging slice thickness.



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

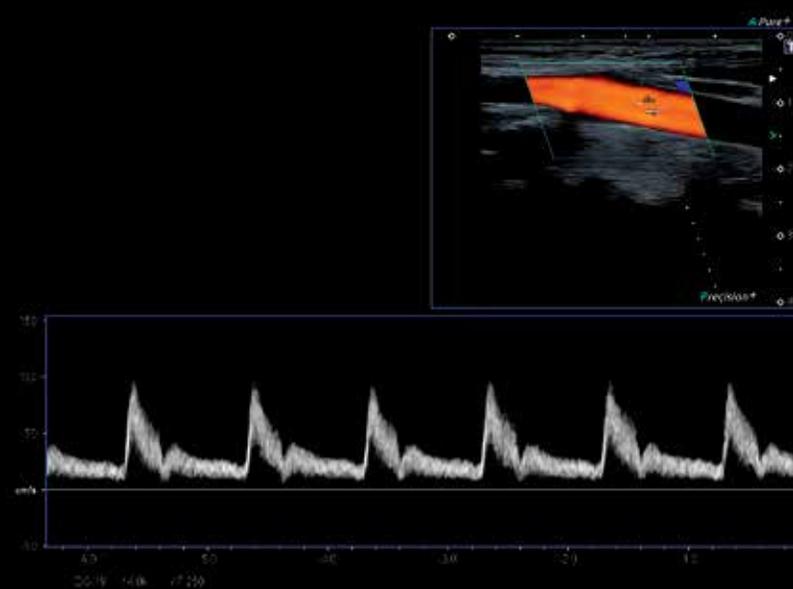


Ultra-Wideband Convex i8CX1





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

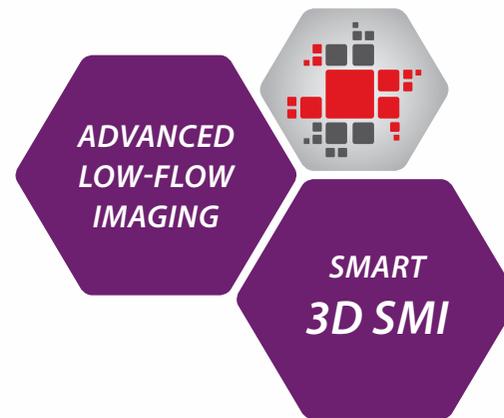


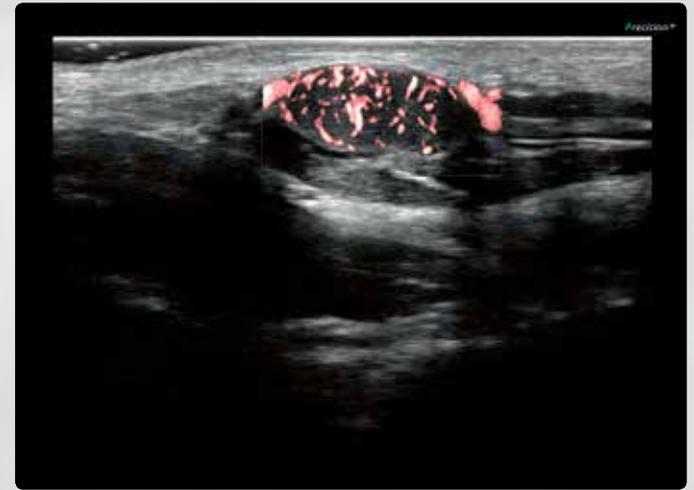
- Aplio's wideband transducer and signal processing technology delivers outstanding sensitivity, penetration and spatial resolution for all Doppler modes.



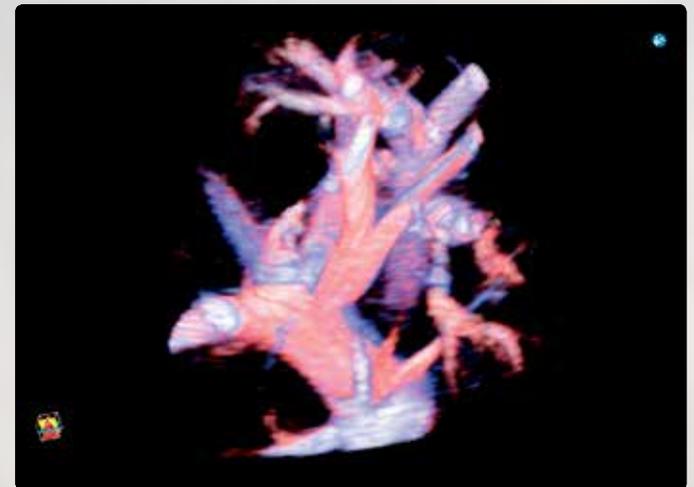
Seeing the unseen with SMI

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.

Increase your confidence, expand your capability

Early detection and reliable characterization of lesions 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.

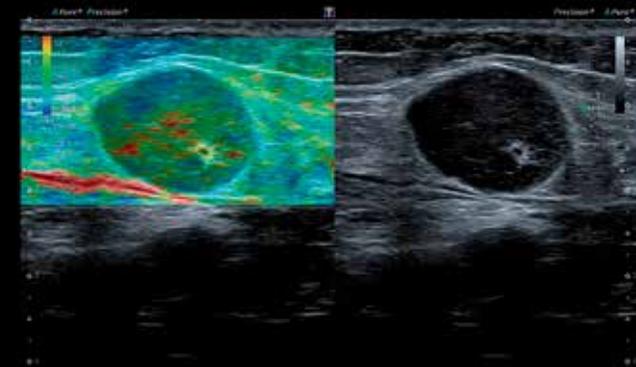
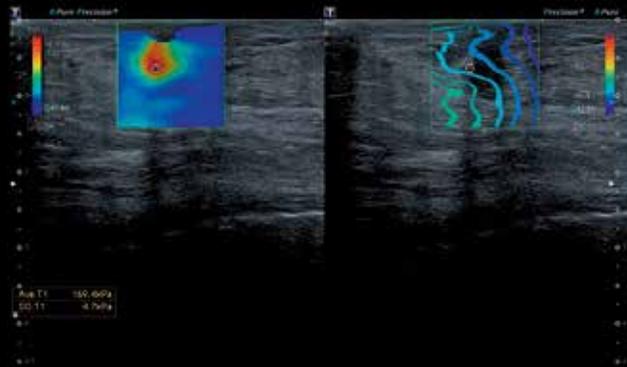
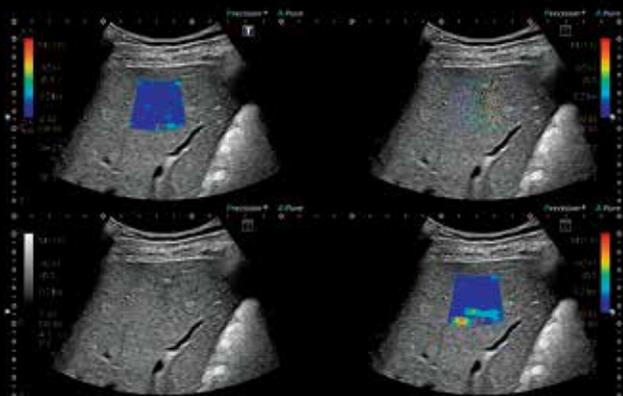


- Aplio's comprehensive CEUS imaging and quantification package
- allows you to assess perfusion dynamics in a wide range of clinical
- settings, including an ample variety of specialized exams.
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SMART
MAPS

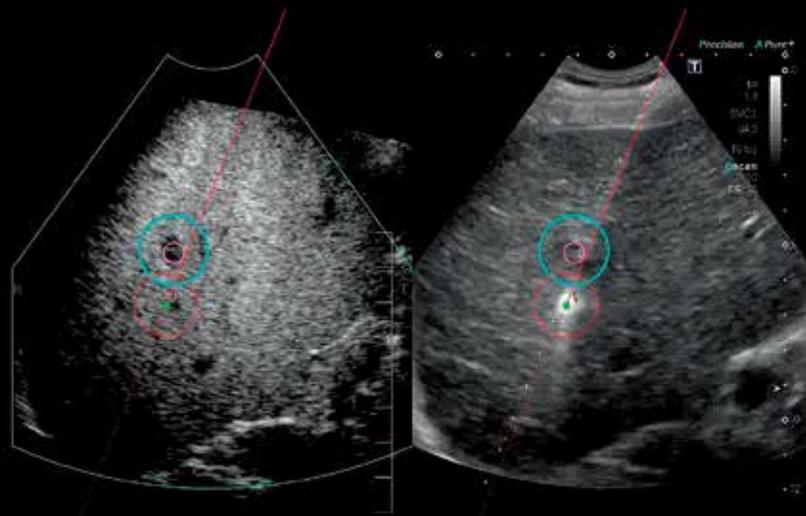
REALTIME
QUAD
MODE



- Toshiba's shear wave technology provides a quantitative measure and realtime 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 realtime. Aplio's unique propagation map is a powerful and intuitive tool to visually assess the quality of an elastogram.

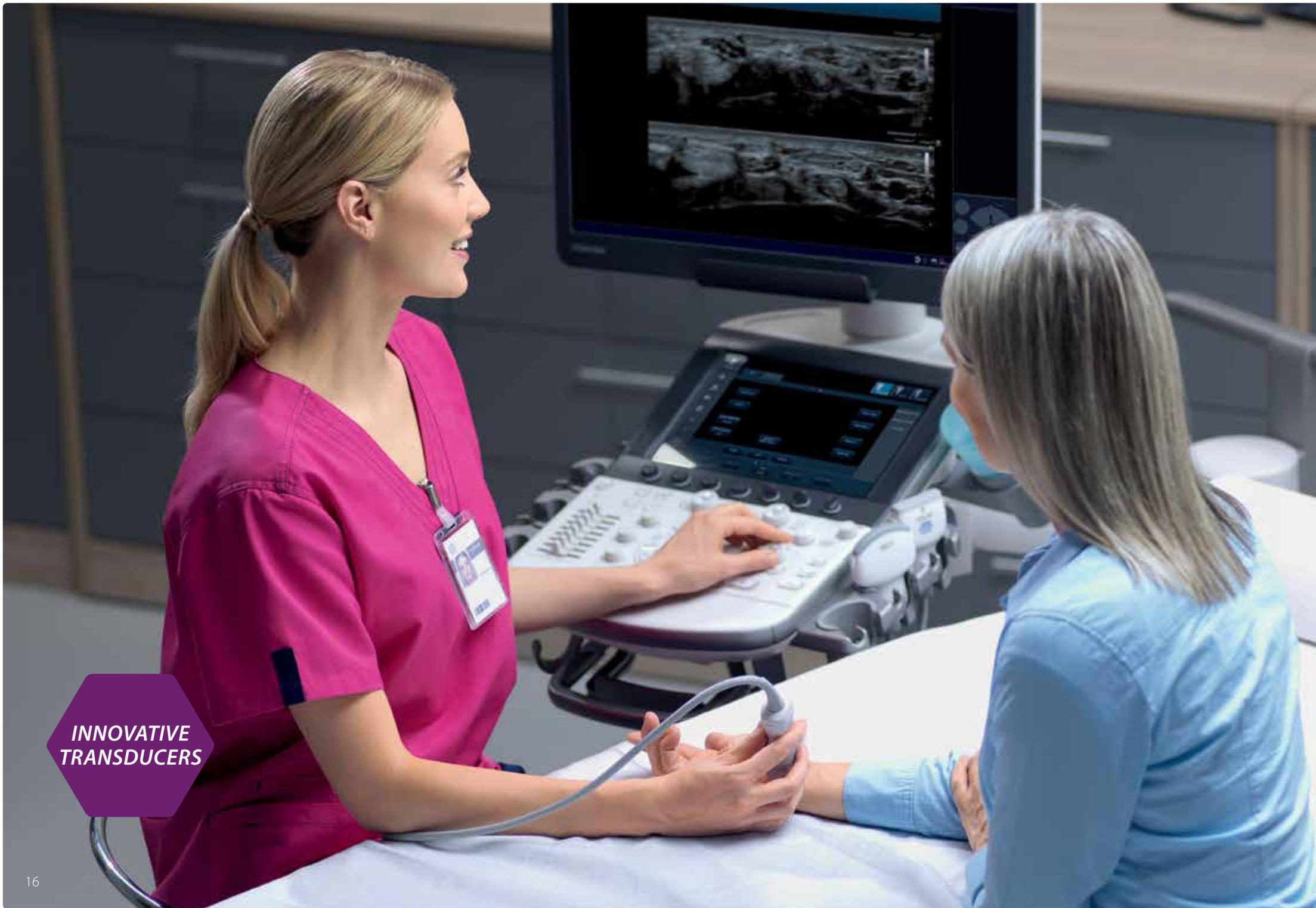
- The system's comprehensive strain elastography suite with raw data functionality assists you in localizing and assessing palpable masses with high accuracy, sensitivity and reproducibility.



- Smart Navigation helps you guide needle tips securely and with higher confidence.
- Color-coded virtual biopsy lines make it easy to track needles in both the live
- ultrasound and the adjacent fusion image.
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- Toshiba's 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 fully automatically.
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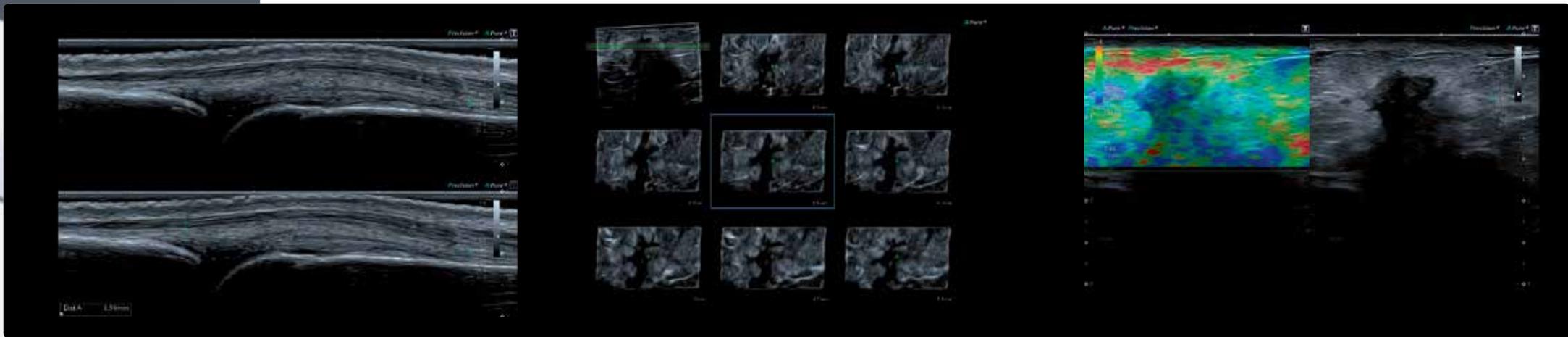
**INNOVATIVE
TRANSDUCERS**

Amazing detail, outstanding versatility

Aplio's 24 MHz transducer with extended bandwidth and intelligent Dynamic MicroSlice (iDMS) technology provides superior detail and definition in the near field for a wide range of examinations.



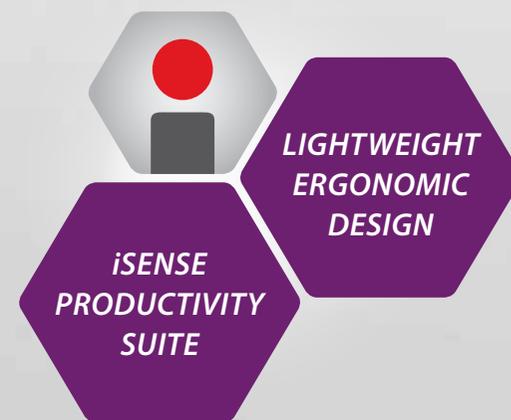
Ultra-High Frequency
Linear i24LX8



- The transducer's outstanding resolution can help identify fine detail such as layered structures and small lesions.

- Smart 3D is a simple way to add volume-imaging capability to Aplio's convex and linear transducers, supporting all modes including SMI or shear wave imaging.

- Advanced technologies such as strain elastography or SMI can provide valuable insights into perfusion dynamics or tissue stiffness.





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.

A close-up photograph of the Aplio 1800 control panel. The panel features a large, illuminated touch screen displaying various icons and data. Below the screen is a grid of physical buttons. Three purple hexagonal callout boxes are overlaid on the right side of the panel, highlighting key features: 'INTELLIGENT PANEL', 'INTERACTIVE TOUCH SCREEN', and '50% LESS HARD KEYS'.

INTELLIGENT
PANEL

50%
LESS HARD
KEYS

INTERACTIVE
TOUCH SCREEN

Access all areas

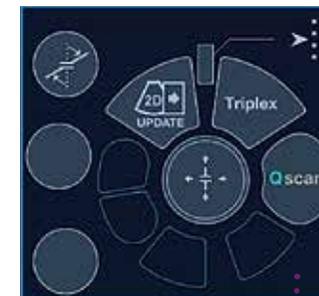
Aplio's large, tablet-style touch screen with three interactive zones allows you to quickly browse and select the desired function, while the rest of the display remains unchanged.



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.

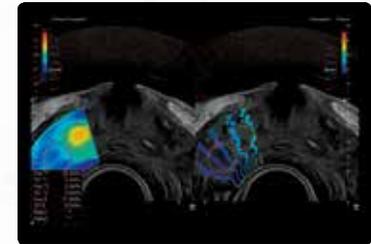
**INTELLIGENT
ON-SCREEN
NAVIGATION**



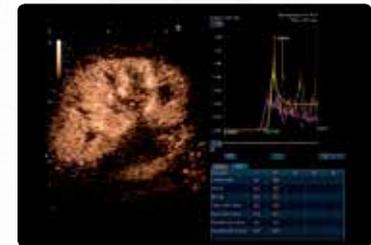
The mode-sensitive on-screen navigation for the central trackball boosts your workflow and efficiency. By visually guiding you through the exam, it allows you to adapt and operate the system within a few minutes.



- 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.

Aplio
i-series

TOSHIBA MEDICAL SYSTEMS CORPORATION

www.toshibamedicalsystems.com

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

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Made For life