

Canon



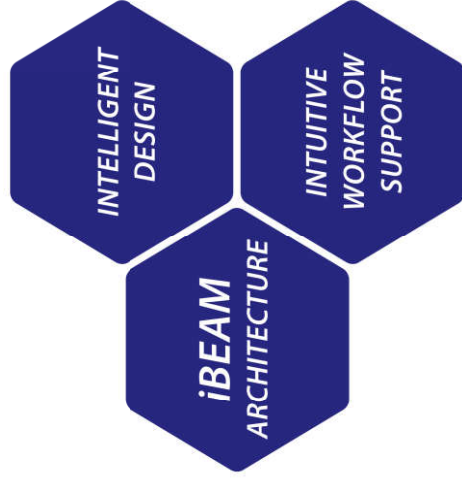
Aplio i900

Intuitive. Intelligent.
Innovative.

Cardiovascular Imaging

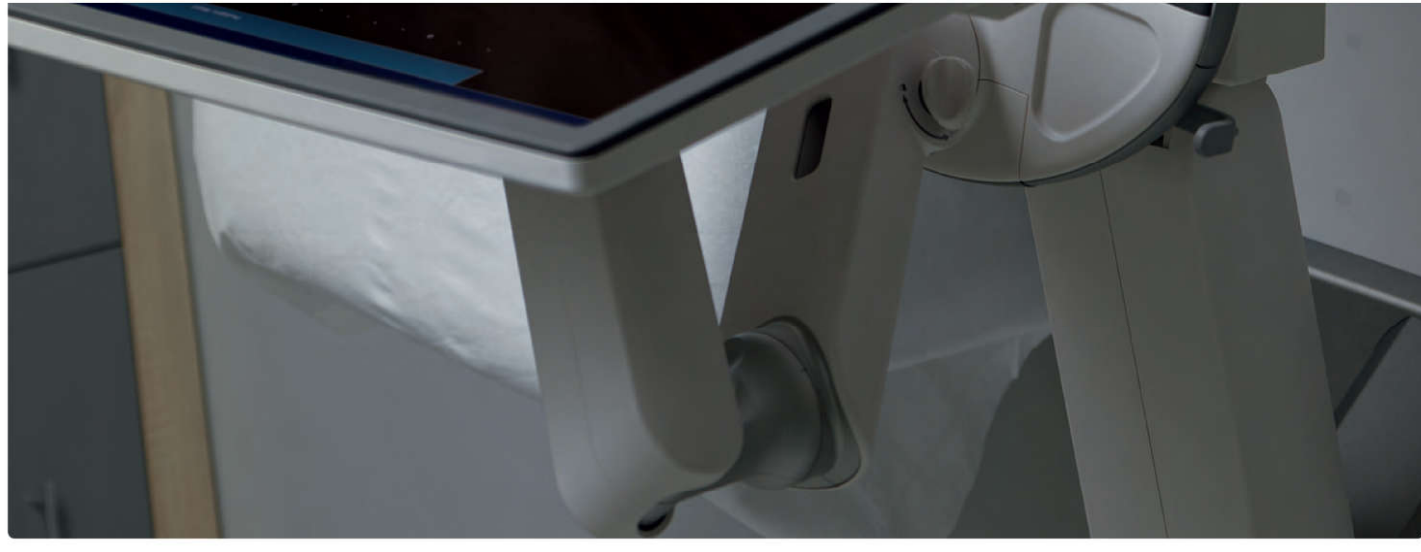
CV

Aplio i900



Getting to the heart of the matter

Meet Aplio™ i900. Engineered to help you get the information you need to make confident decisions quickly, Aplio i900 elevates cardiovascular imaging to a new level of imaging precision, diagnostic performance and productivity.



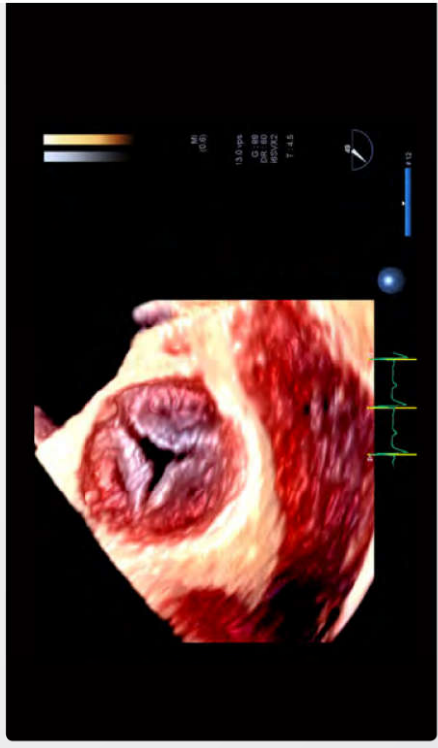


Crystal-clear imaging

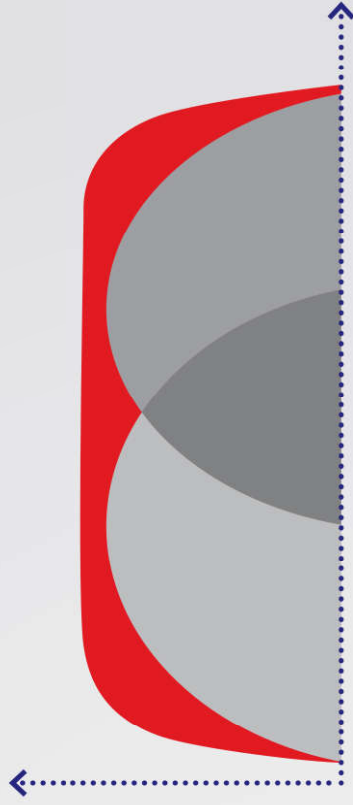
From the smallest to the toughest patients, Aplio's innovative iBeam architecture with dramatically increased processing power* provides outstanding imaging clarity and definition while significantly enhancing penetration.



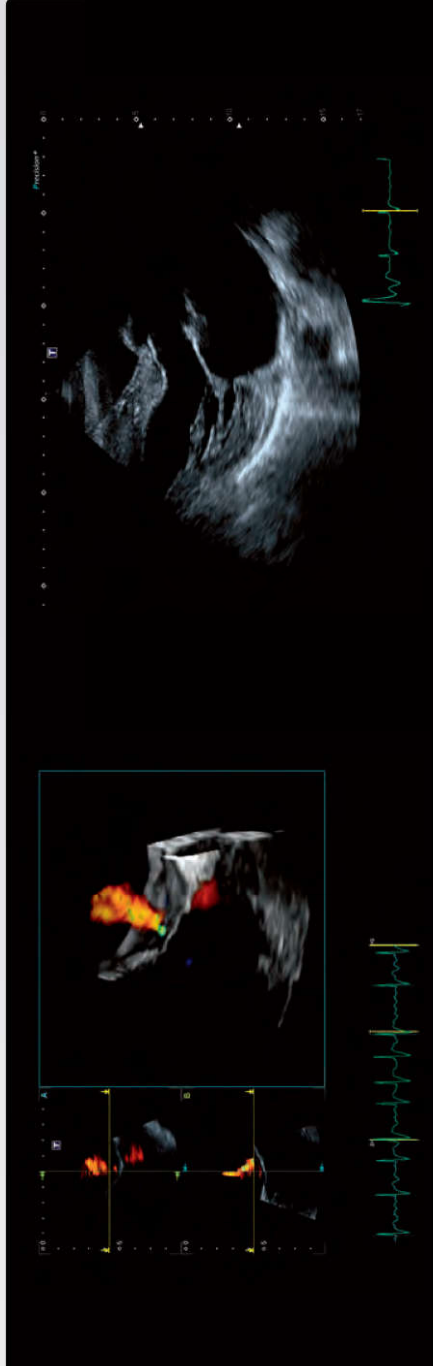
Aplio i900 brings best-of-breed cardiac 4D imaging to everyday clinical use. Its fully sampled matrix array transducers are especially small and lightweight for better ergonomics and patient accessibility.



Better diagnostics starts here



Aplio's ultra-wideband i-series transducers cover the same bandwidth as two conventional transducers, providing sensitivity and resolution for both near and far field. While helping to reduce cost, this innovative transducer design can provide better imaging* for a wide range of patients.



*Compared to Aplio Platinum Series.

Ultra-Wideband
Volume TEE i6SVX2



Ultra-Wideband
Volume Sector i6SVX1



Ultra-Wideband
Sector i6SX1

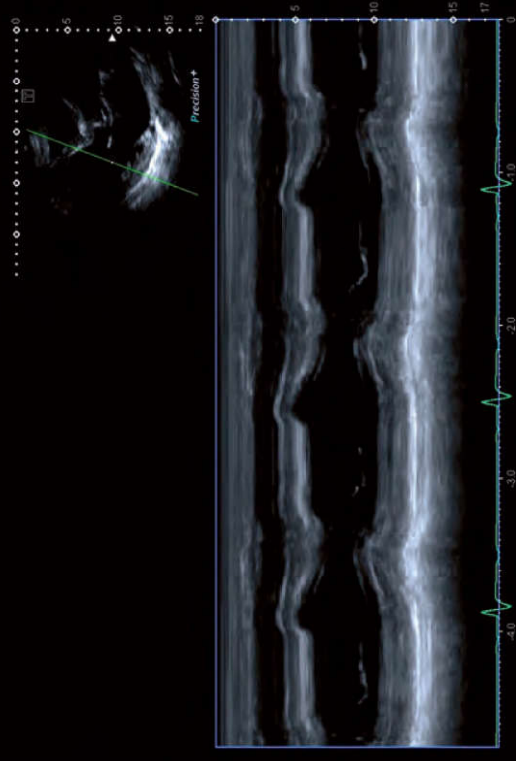


Enjoy the perfect picture

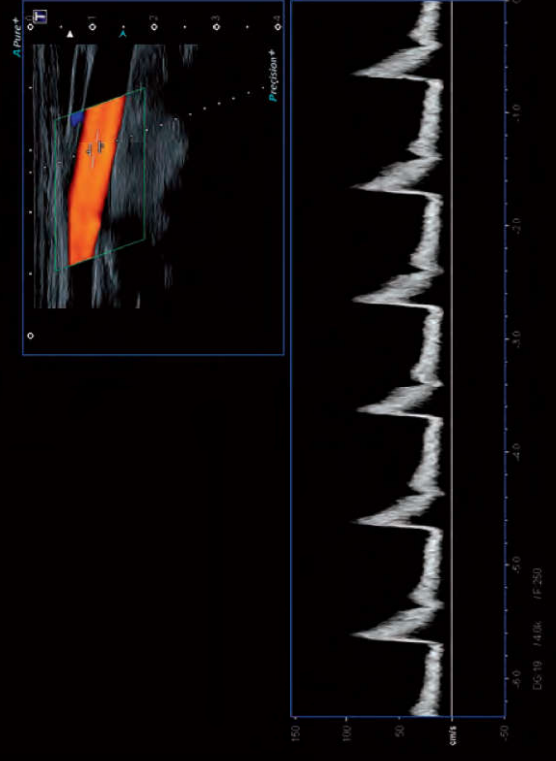
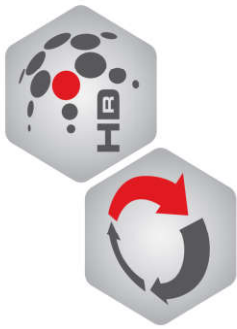
Each of Aplio's unique imaging technologies provides you with advanced image quality by reducing clutter, strengthening signal and improving visualization. All functions work hand in hand with other imaging modes for uniformity across all applications.



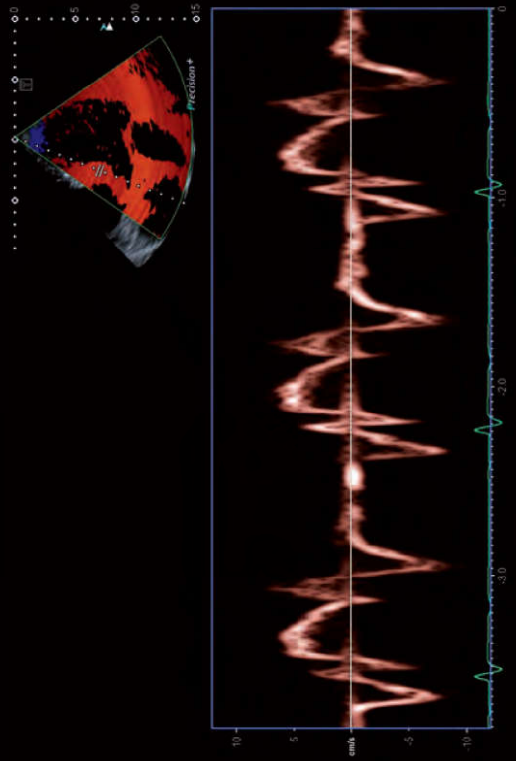
• Tissue Enhancement delivers images of stunning clarity with improved endocardial border delineation, especially in difficult patients.



• Flex-M allows you to derive anatomically correct M-mode traces from live or stored 2D images.



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



• • • • •
 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.

Clear views, fast results

Aplio's volume matrix transducer enables you to acquire high-quality 4D volumes at high frame rate, while the 4D TEE probe's small insertion head offers an improved patient experience. A host of advanced analysis tools allows for in-depth assessment of cardiac anatomy and function.

Result Frame: 4/6

Apl Diam	4.45	cm
Apl Area	15.28	cm ²
Strain13D Mean	19.41	%
Aver13D CC	20.14	cm
Aver13D Area	19.21	cm ²
Normal LA Avg	0.59	cm
Aver13D Strain	0.64	cm
Strain Height	0.84	cm
Strain Length	0.77	cm
Strain Volume	0.65	cm ³
Strain Area	0.84	cm ²
Strain Circumf	0.78	cm
Strain Length	0.75	cm
Strain Area	0.75	cm ²
Strain Volume	0.78	cm ³
Strain Circumf	0.84	cm
Strain Length	0.84	cm
Strain Area	0.84	cm ²
Strain Volume	0.84	cm ³
Strain Circumf	0.84	cm
Strain Length	0.84	cm
Strain Area	0.84	cm ²
Strain Volume	0.84	cm ³
Strain Circumf	0.84	cm
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Strain Circumf	0.84	cm
Strain Length	0.84	cm
Strain Area	0.84	cm ²
Strain Volume	0.84	cm ³
Strain Circumf	0.84	cm
Strain Length	0.84	cm
Strain Area	0.84	cm ²
Strain Volume	0.84	cm ³

Trans. Strain Total
Time: 704 msec

160 140 120 100 80 60 40 20 0 0 0 0 0 0 0 0 0 0

4.51

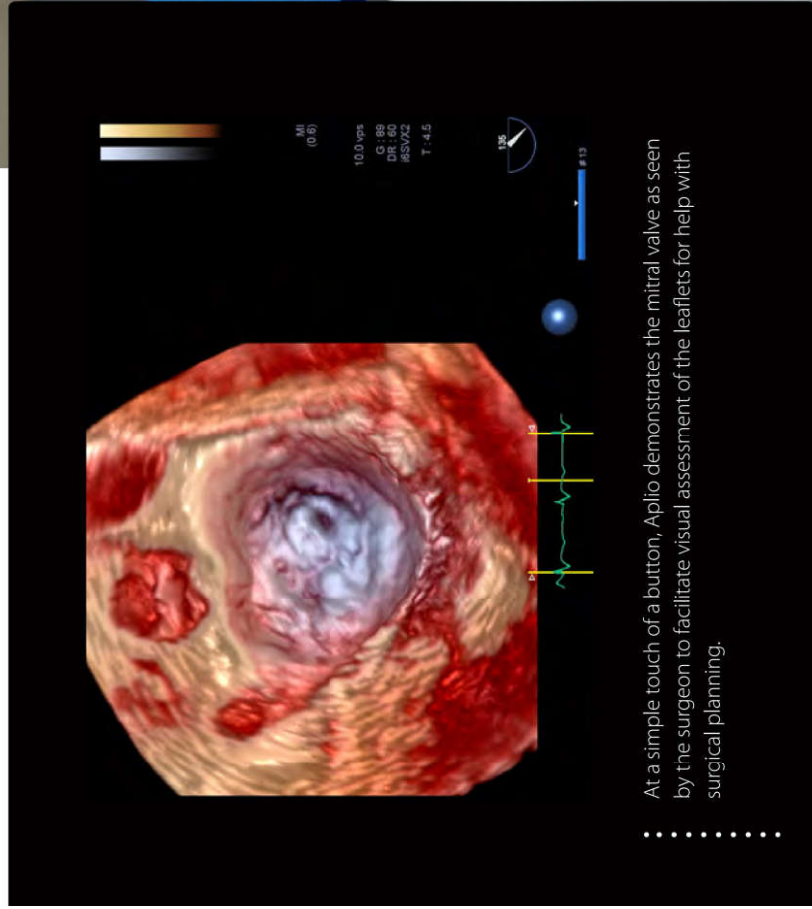
3.54

EDV 378.37 mL 1056 msec
ESV 311.38 mL 305 msec
EF 12.11%

Trans. Strain Total
Time: 4000 msec

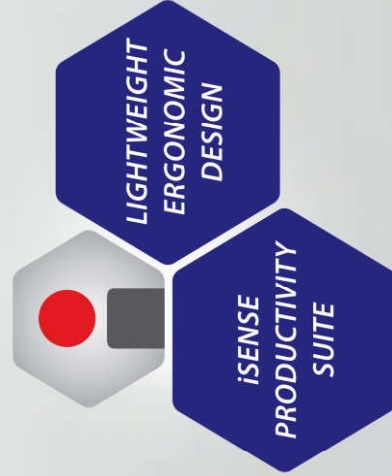
GPS_A1C 4.51%
GPS_A1C Int 4.82%
GPS_A2C 4.23%
GPS_A2C Int 4.63%
ES 399 msec
A1C 4.23%
A1C Int 4.76%
HR_ERROR 56.8 BPM
HR_ERROR Int 7.7%

The MVA tool provides concise anatomic and functional assessment of the mitral valve. The function's quad display offers a clear overview of different scan planes.



At a simple touch of a button, Aplio demonstrates the mitral valve as seen by the surgeon to facilitate visual assessment of the leaflets for help with surgical planning.







Designed with our users in mind

Smaller and lighter, Aplio i900 is easy to maneuver. With over 36 cm panel height adjustment, lateral slide and a fully articulating monitor arm, Aplio i900 Adaptive Ergonomics helps you to optimally adjust the console to virtually any scanning position.

*Compared to the Aplio Platinum Series

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 for a wide range of patient types.



Access all areas

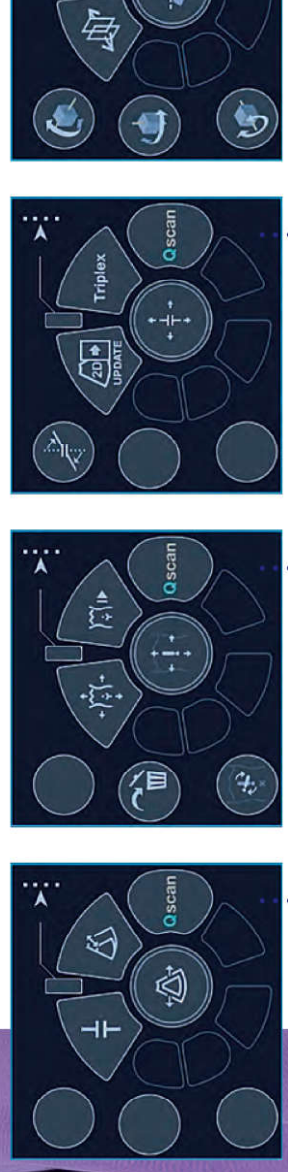
Aplio's large, tablet-style touch screen with three in:eractive zones allows you to quickly browse and select the desired function, while the rest of the display remains unchanged.



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.

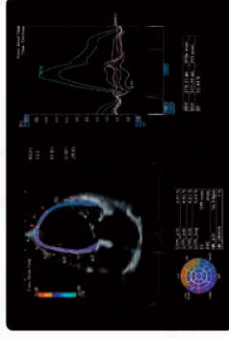
INTELLIGENT
ON-SCREEN
NAVIGATION



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.



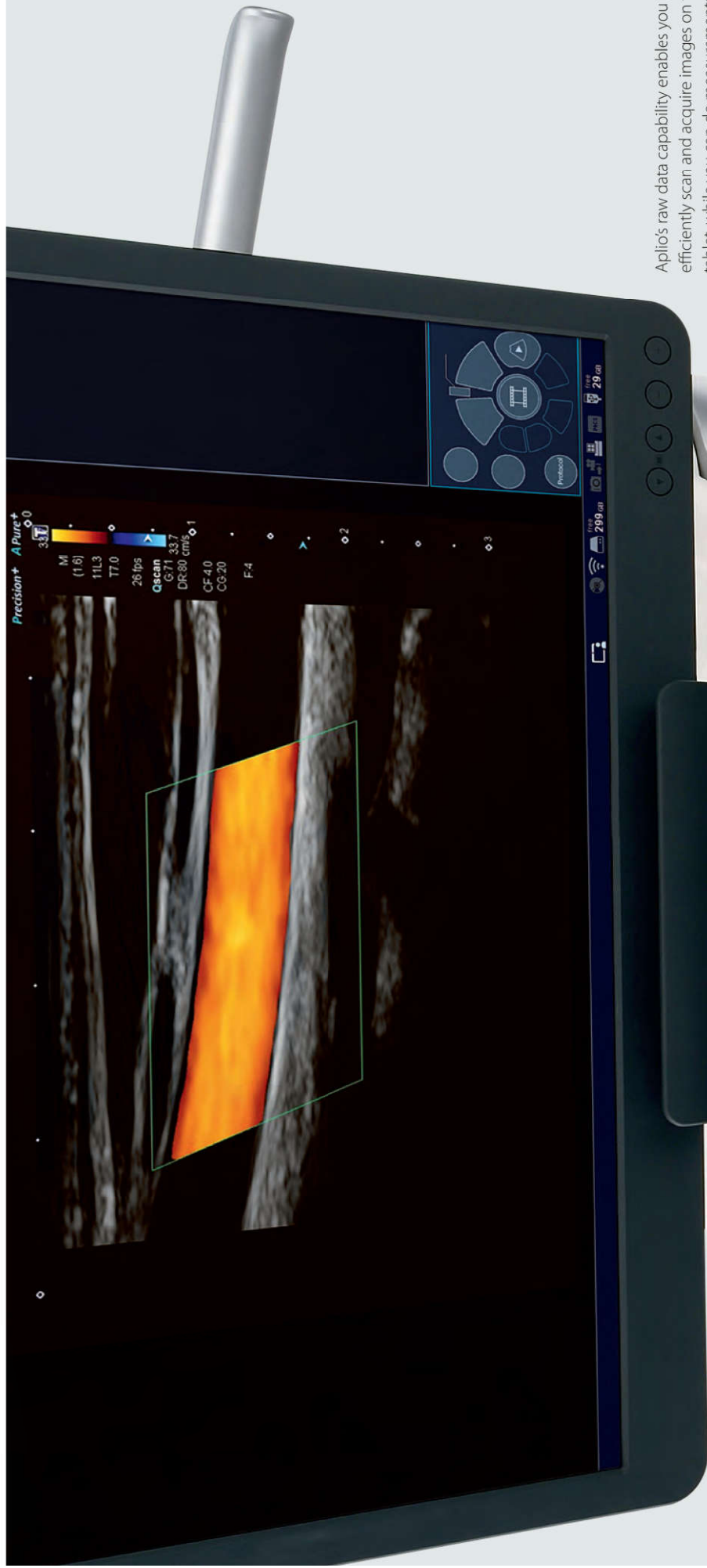
A range of automated measurement and analysis tools help you increase accuracy, consistency and speed of your exams.

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 TEE 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.





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.





Aplio i900

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Innovative.



Aplio i-series

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