



# MyLab<sup>TM</sup>

Putting the **ultra**<sup>TM</sup> back in ultrasound





## Beyond Performance and Value

Esaote's new ultra-performance MyLab™9 eXP ultrasound system is designed to support a full range of shared service diagnostic imaging environments. Take ultra-control of your images with unique visualization tools, and view results with clarity and sensitivity to help make more informed clinical decisions. Experience the ultra-comfort of Italian-designed ergonomics and an ultra-easy user interface that increases productivity.

The MyLab™9 eXP ultrasound system provides unprecedented power to drive more confident, better informed healthcare decisions without compromise, at an ultra-value.



## Clarity, Colour, Contrast

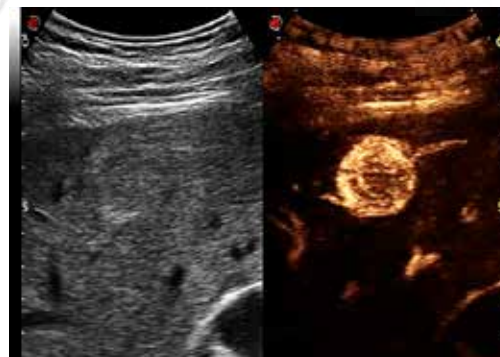
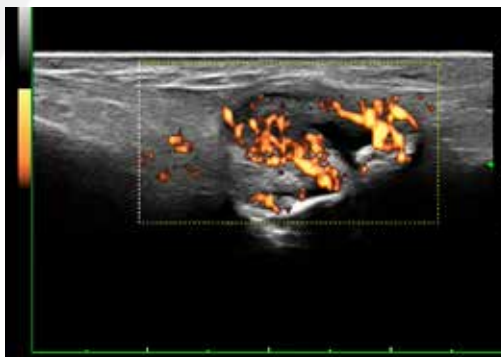
We understand image quality is ultra-important to you. Our non-composite single crystal probe technology provides excellent image quality you can count on. Driven by the new ultra-engine platform and with an extraordinary 24" full HD medical-grade LCD monitor by BARCO™ (optional), the MyLab™9 eXP ultrasound system delivers greater image clarity, color, and contrast to support your diagnostic imaging challenges.

The MyLab™9 eXP delivers stunning display quality for a superior, application-rich ultrasound experience empowering you to guide more informed healthcare decisions.



# iQProbes Technology

Transducer design, quality of materials and manufacturing technology drive image quality. At Esaote's Transducer Center of Excellence in Florence, Italy, the team has optimized our scan converters, post processing algorithms and incorporated technologies to create an ultra-quality ultrasound transducer – iQProbe.



• High-penetration abdominal imaging

• Enhanced colour Doppler sensitivity with Power Doppler

• Contrast enhanced imaging (CnTI™)





- Italian design
- Simplified control panel
- Eco-friendly

## Uncompromised Ease-of-Use

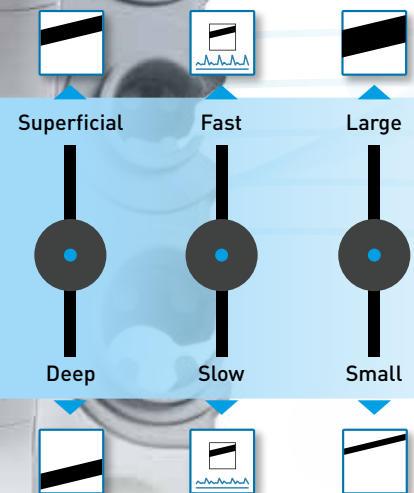
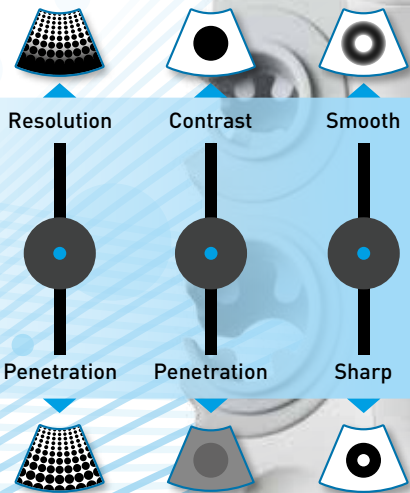
The MyLab™9 eXP system takes advantage of over 30 years of Italian engineering and design to offer an ultra-ergonomic experience, starting with its floating keyboard, tablet-like touchscreen and full HD wide format screen. Clinicians will also benefit from:

- **easyMode\*** unique touch-tool for image optimization through intelligent real-time algorithms
- **Opti-light** integrated into the monitor to illuminate the room ensuring the best environment for optimal scanning
- **appleprobe** innovative design which reduces musculo-skeletal strain up to 70%, for better user experience and comfort in clinical practice

\* Patent pending



@easyMode



@easyColor

## 40+

imaging optimization  
parameters  
adjusted in 3 swipes

# performance

ultra™

## Performance without Compromise

The MyLab™9 eXP is a state-of-the-art platform with a solid-state hard disk (SSD), last generation CPU/GPU unit, and Windows® 10 supporting the latest data security and processing power requirements. The quick boot-up and efficient stand-by mode make the MyLab™9 eXP easy to unplug, and move from room-to-room without missing a beat. Esaote's i-motion technology ensures the best image quality at the highest frame rate, even in the most challenging imaging modes.

Boot-up



≤45 sec.

i-motion



High Frame Rate





# Extended Connectivity



X-RAY

MRI

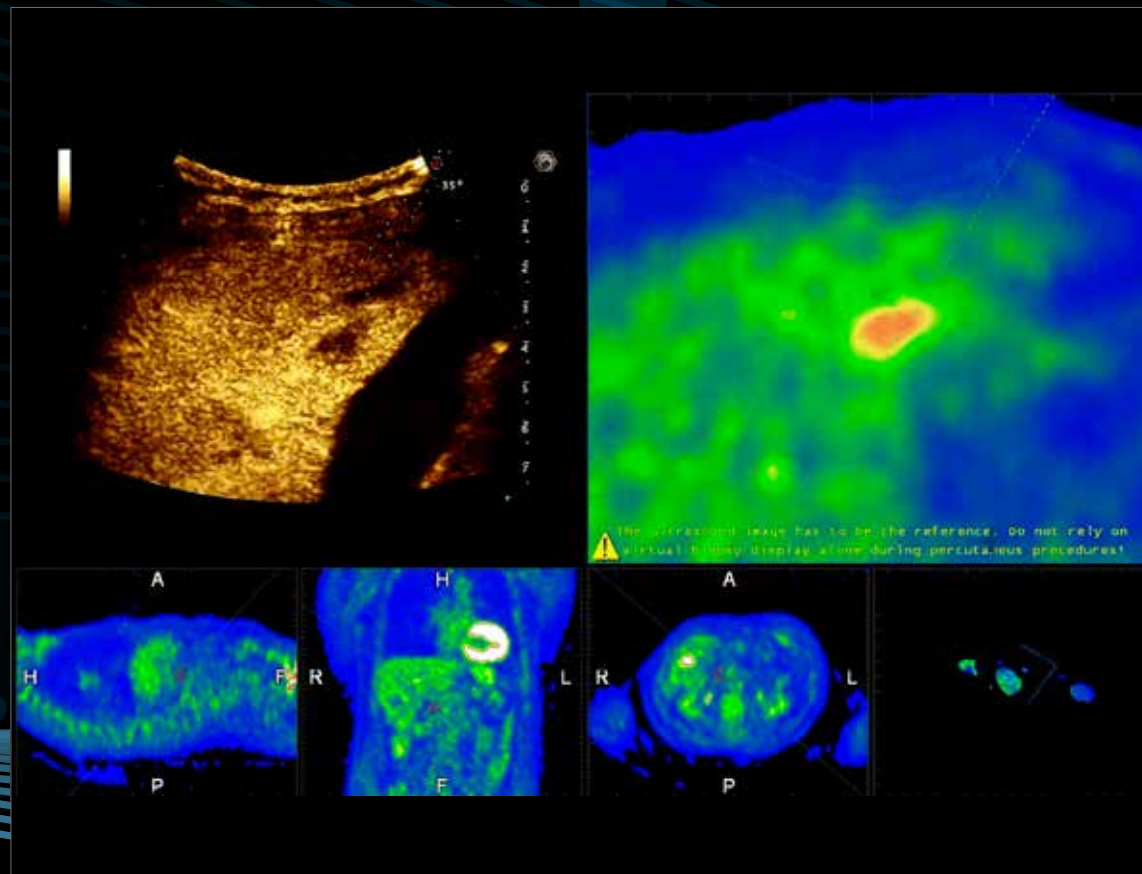
PET/CT

- Multi-modality archive
- DICOM connectivity (including Q/R)
- IHE compliance
- Wireless connectivity
- MyLab™Desk evo software for external workstation
- MyLab™Tablet
- eStreaming

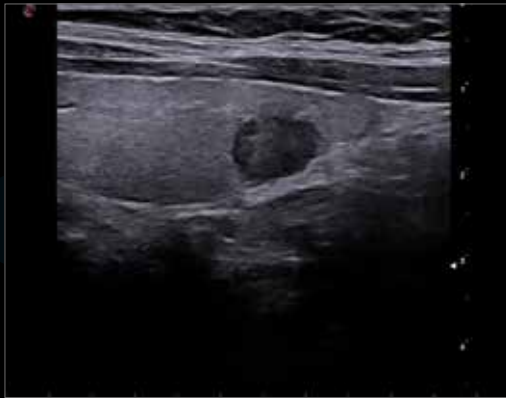
# performance<sup>TM</sup> ultra

## Virtual *Navigator*

CT, MRI, PET side-by-side with real-time Ultrasound.



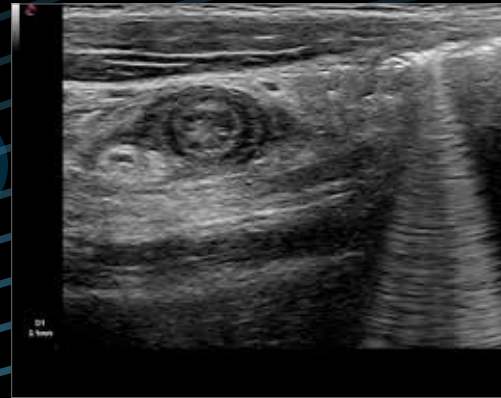
Real-time CEUS and PET fusion for lesion detection



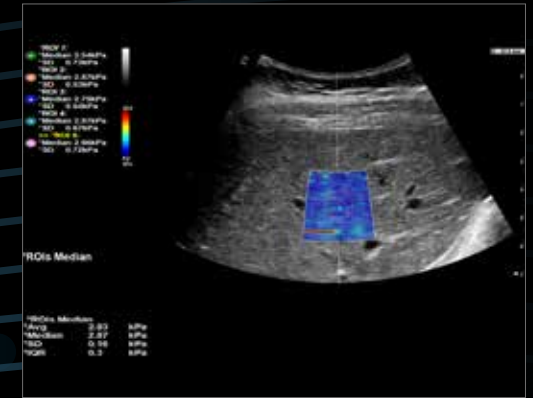
High contrast resolution on thyroid nodule



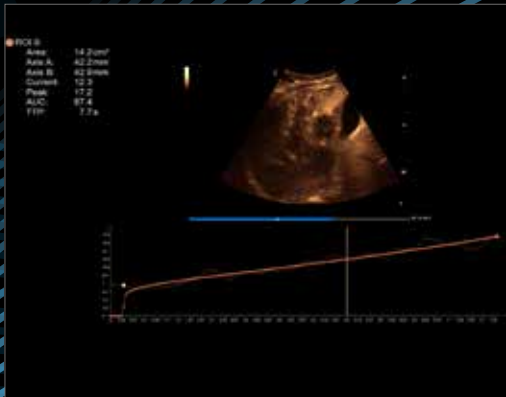
XFlow Doppler enhancement in liver vascularization



Axial view of appendicitis



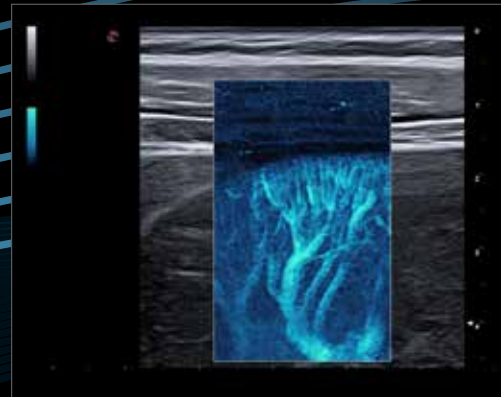
Q-ElaXto 2D shearwave elastography in liver



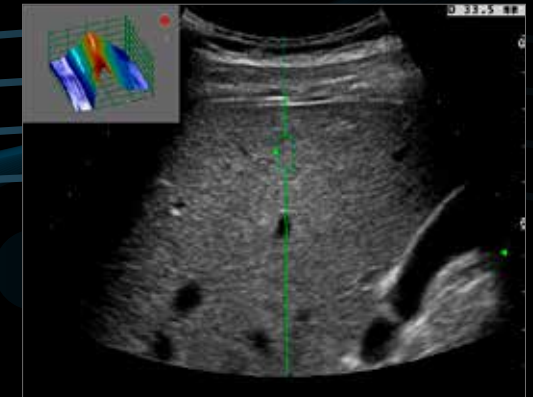
QPack CnTI™ perfusion analysis post RF ablation



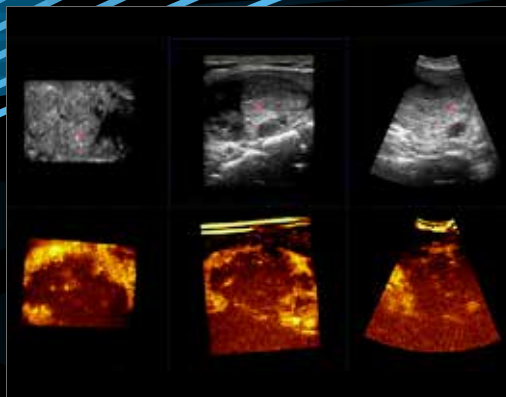
MSK BodyMap and real-time XFlow on X-Ray extremities



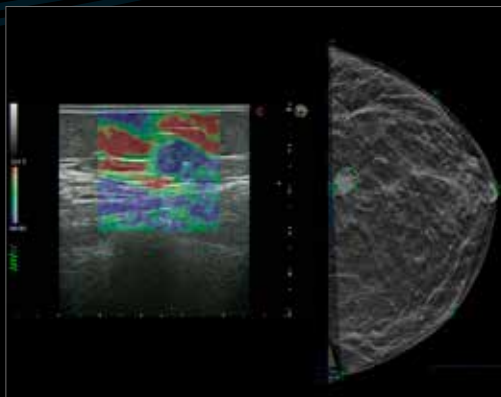
Hemodynamics analysis using microV on kidney



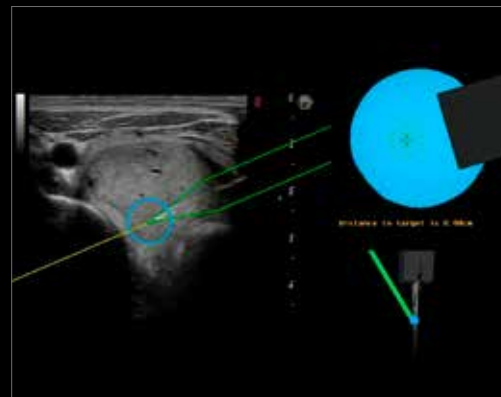
Q-ElaXto point shearwave elastography in liver



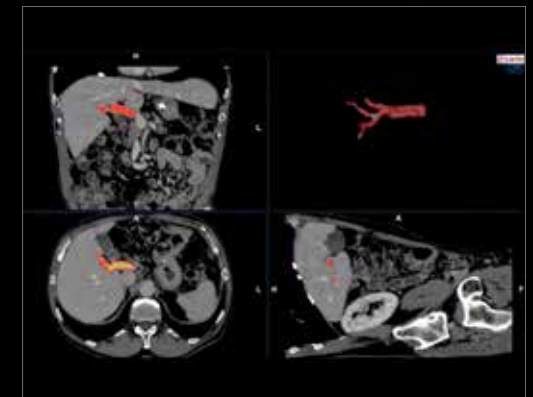
Pre-Post volumetric CEUS-multidataset comparison



Breast BodyMap and real-time ElaXto in Mammo

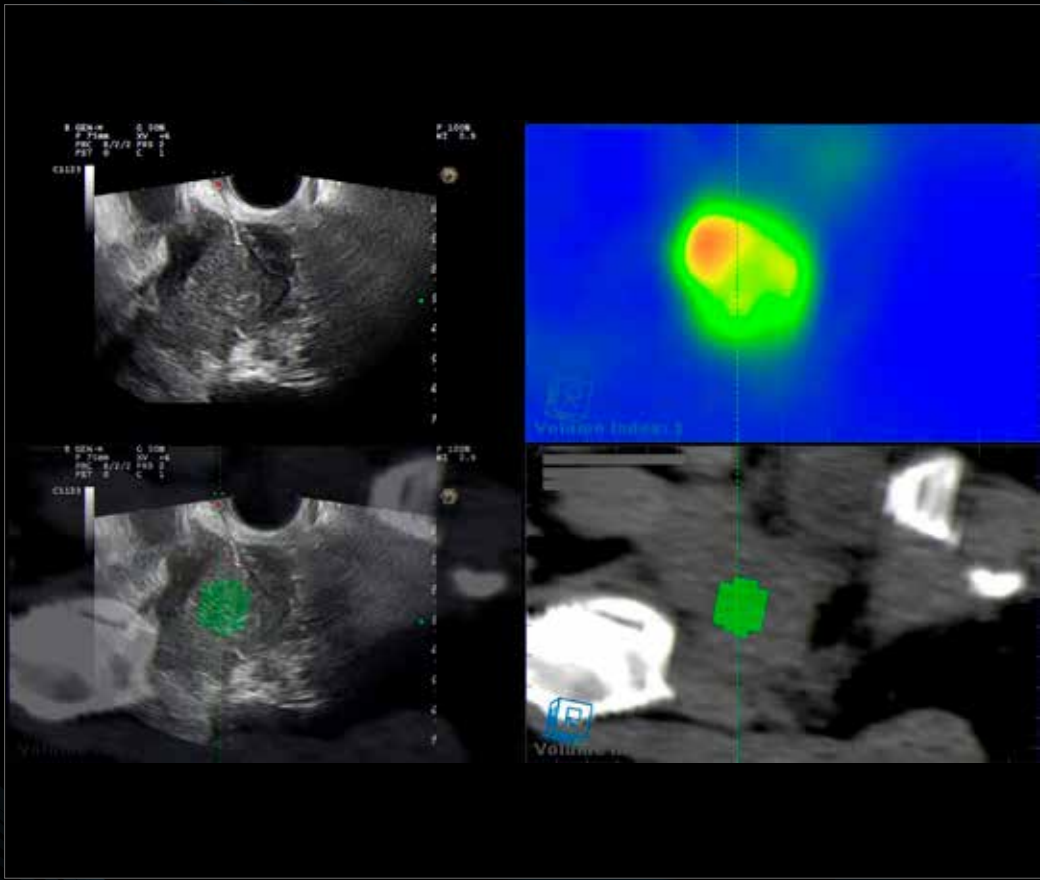


Precise lesion detection and guidance with Virtual Biopsy

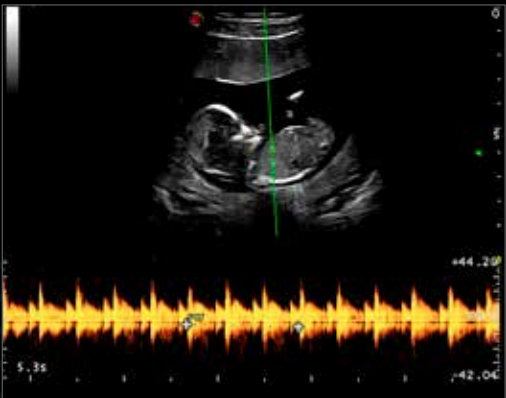


Virtual Navigator automatic vascular detection and segmentation with Auto-Fusion





Gynecology Fusion Imaging with PET for best lesion location



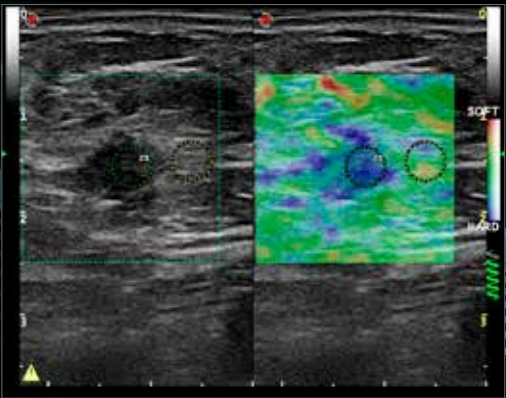
easyTrace to maximize Doppler performance



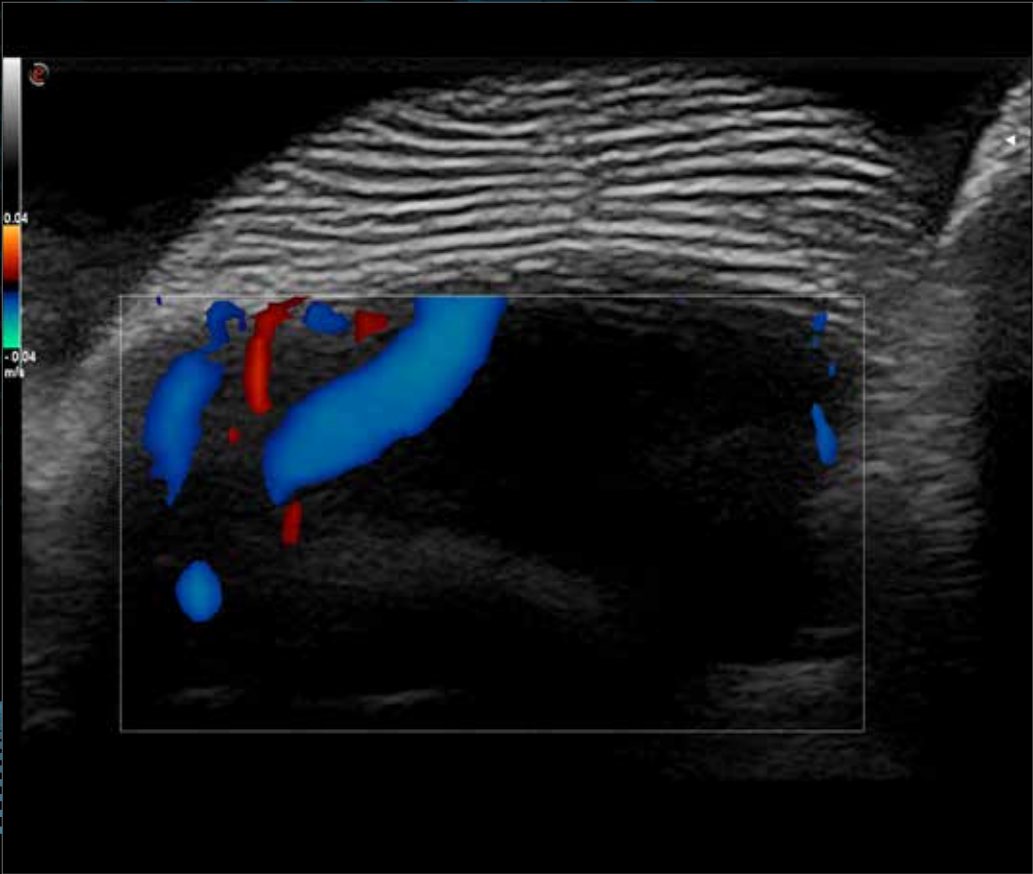
Real-time baby face with 4D imaging



HD Zoom on fetus profile with Auto NT Measurement

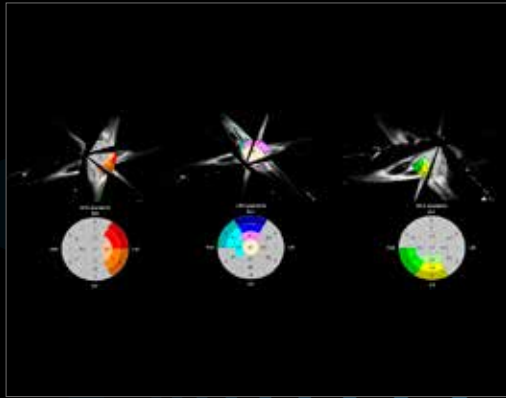


Elastography Advanced Measurement Package on breast lesion

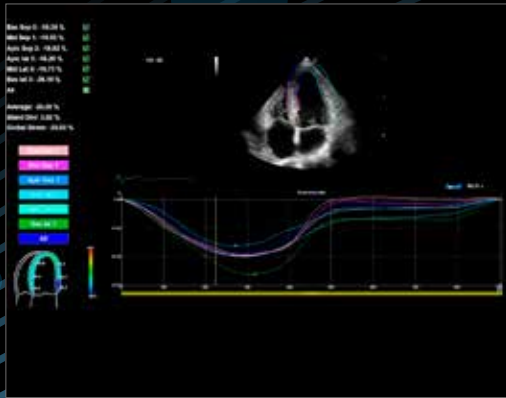


24 MHz Imaging even on fingerprint with CFM

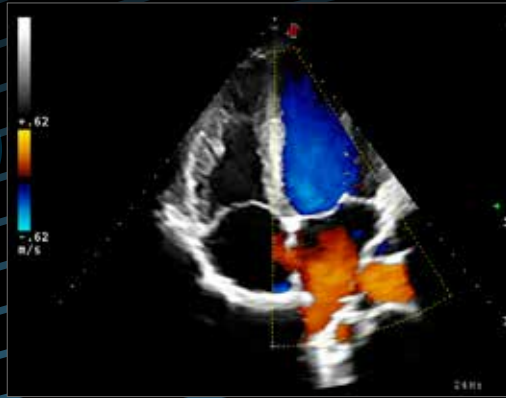




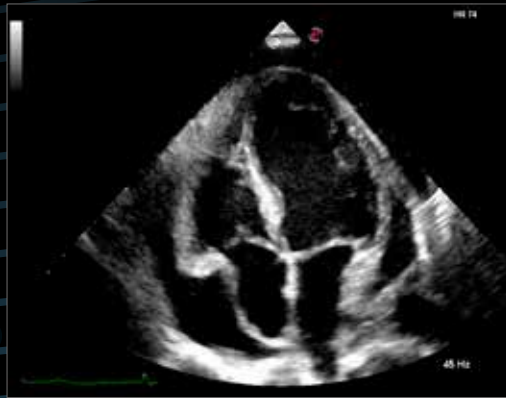
XStrain 4D technology for volumetric heart assessment by coronary territories



XStrain 2D speckle tracking technologies for global and regional function



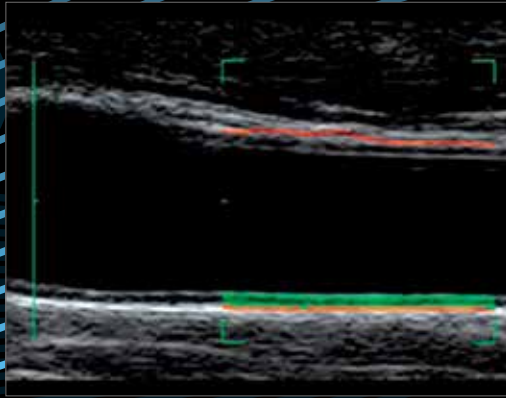
Ultra-sensitivity Colour Doppler for precise visualization Pulmonary veins



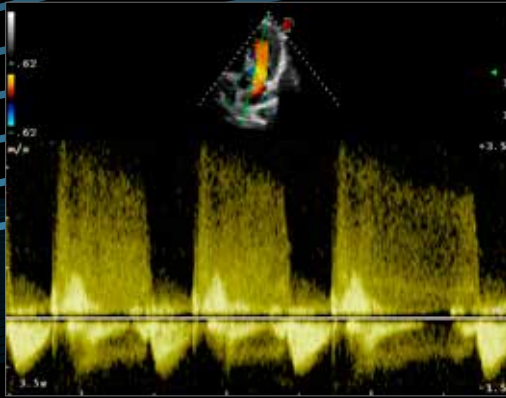
Xview real-time algorithm reducing speckle noise artefact in pathologies analysis quantification



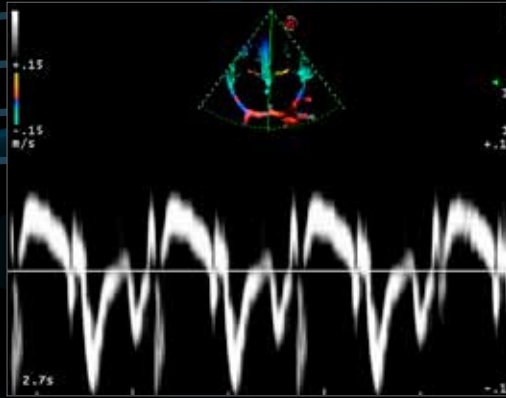
High Frequency MSK Imaging with HD Zoom



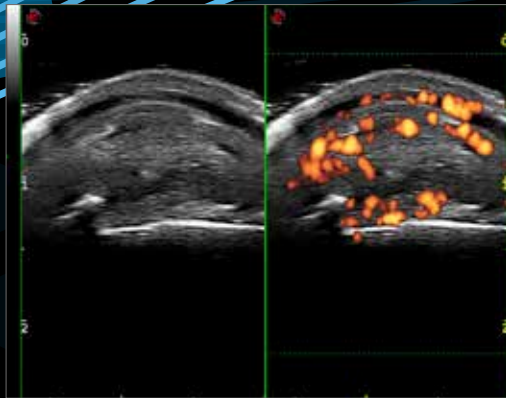
QIMT Intima-media thickness quantification based on radio frequencies in real-time studies



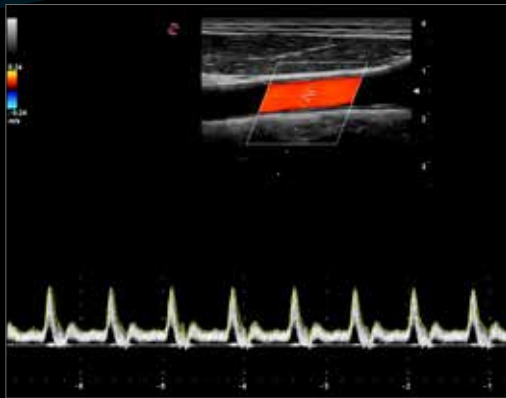
Advanced CW Doppler processing chain for Aortic stenosis quantification



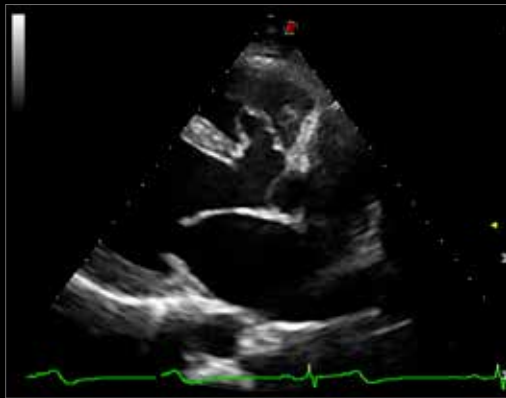
Tissue Velocity imaging to quantify septal velocity and dyssynchrony



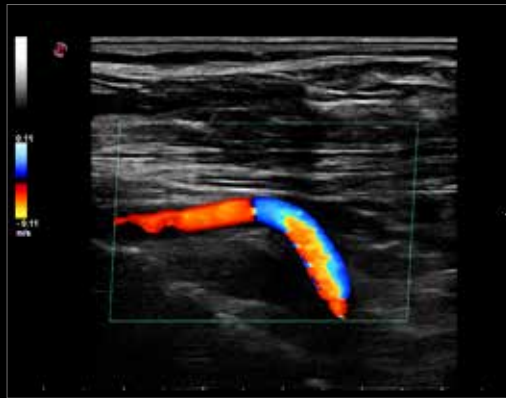
Very-superficial Linear Imaging with X-Flow Dual Doppler Algorithm



PW Doppler with easyTrace optimization



TEI harmonic imaging for clear visualization of Perimembranous Ventricular Septal



Ultra-sensitivity Colour Doppler in detection vertebral artery

# eriv

## Uncompromised Value

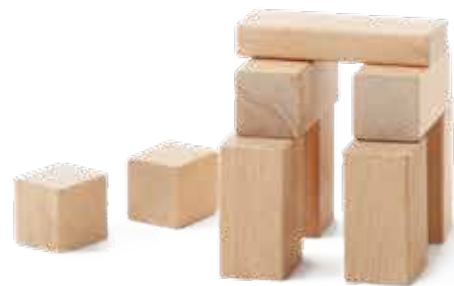
Developed to provide ultra-quality ultrasound technology to clinics, hospitals, and private practices, the MyLab™9 eXP offers smart upgradability, long-term maintenance options and transducer compatibility.

The MyLab™9 eXP delivers unprecedented precision, power and capabilities to drive more confident healthcare decisions at an excellent value-performance in a globally connected environment.



ultra™

- Upgradability
- Maintenance and Service Packs
- Remote Service





[www.esaote.com](http://www.esaote.com)



Esaote S.p.A. - sole-shareholder company  
Via Enrico Melen 77, 16152 Genova, ITALY, Tel. +39 010 6547 1, Fax +39 010 6547 275, [info@esaote.com](mailto:info@esaote.com)

Windows® is a registered trademark of Microsoft Corporation. MyLab™Desk SW suite is not intended or provided for an official diagnostic interpretation.  
MyLab is a trademark of Esaote spa. CnTI™: The use of Contrast Agents in the USA is limited by FDA to the left ventricle opacification and to characterization of focal liver lesions.  
Technology and features are system/configuration dependent. Specifications subject to change without notice. Information might refer to products or modalities not yet approved in all countries.  
Product images are for illustrative purposes only. For further details, please contact your Esaote sales representative.

Please visit us online  
for more information

