

WALKING ON
THE BRIGHTER SIDE OF
ULTRASOUND IMAGING

MyLab™ X
Beyond flexibility



esaote



MyLab™ X6

Ultrasound imaging beyond **flexibility**

Esaote's new **MyLab™X6** makes your workflow so efficient and smooth, it does not only increase productivity, but it also **empowers your clinical performances**.

Take advantage of the 21.5" HD IPS technology LED monitor to get **outstanding image quality** and an unparalleled degree of details from your scans.

Fast response and easy interface usage also adapt flawlessly to all of your clinical needs, giving your assessments **comfort and flexibility**.





Fast and easy



21.5" LCD widescreen monitor



Zero-click automation



Tailored configuration



Large probe portfolio

- ✓ Battery
- ✓ Booting time less than 15 sec*

*from stand-by mode

Large probe portfolio

Transducers are the core of Ultrasound technology. Integrating physics, electronics and geometrics in their design is **the greatest engineering challenge** of the Signal Processing Chain.

Transducers are the primary component of a Signal Processing Chain, the system that leads to the final diagnostic image. Although a great deal of time has been spent on the optimization of scan converters, post-processing algorithms, and sophisticated speckle-reduction technologies, **ultrasound transducers** remain a scanner's primary interface between patient and user.



The design, material, and manufacturing technology of transducers are the main determinants of an ultrasound system's image **quality**. Thanks to the innovation of gold standard ultrasound transducers, iQProbes offer state-of-the-art imaging.

- ✓ Active matrix composite material
- ✓ Single crystal
- ✓ Multiple adaptive layers
- ✓ Bi-con geometric lens
- ✓ appleprobe design
- ✓ Extensive use of applications with extended wideband convex, linear, phased array, volumetric, intraoperative and special transducer shapes.

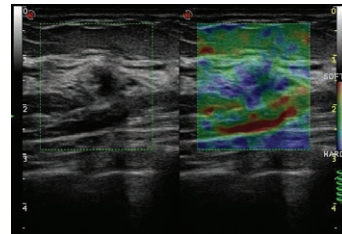


Clinical tools

Zero-click automation

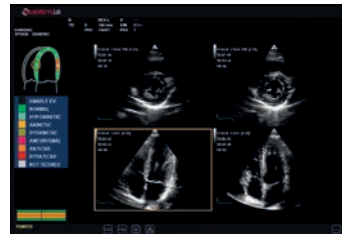
Applications

ElaXto



ElaXto is a non-invasive method that supports the physician in assessing tissue elasticity. The differences in tissue responses are detected and visualized in real time.

Stress echo



Complete Stress echo package with flexible and customizable protocols for imaging acquisition and review, also available with LVO.

AutoNT



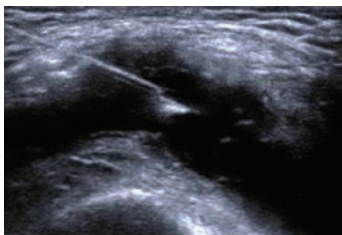
Automatic measurement of Nuchal Translucency (NT).

AutoEF



Automatic measurement of the Ejection Fraction (fully automated).

Needle visibility



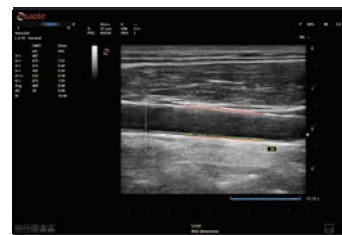
Enhanced and clear visualization of the needle during intervention procedures.

XLight



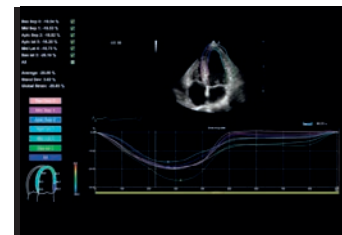
Advanced algorithm to improve volumetric rendering quality.

QIMT



Automated real-time detection of Intima Media Thickness, including standard deviation and reliability index, based on RF signal analysis.

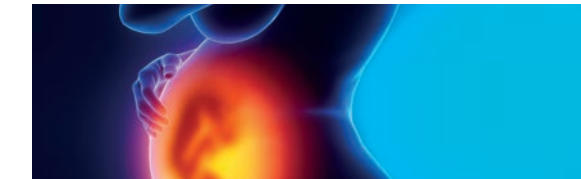
XStrain™



Global strain bullseye (17 segments) as a result of the 3 apical GLS outcomes.



Women's health



The convex and endocavity probes provide excellent image quality for women's health applications. The 3D convex probe can also be used for standard examinations.

Cardiovascular



MyLab™X6 is equipped with comprehensive cardiac and vascular configurations. It is a complete system for any cardiovascular ultrasound exam featuring customizable measurements and reporting.

General imaging



Esaote's new MyLab™X6 covers all clinical needs, from abdominal to endocrinological applications, to establish a diagnosis and provide the best possible therapy and follow-up.