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.

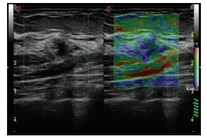
Transducers are the primary component of a Signal Processing Chain, the system that leads to the final diagnostic image. Although a great deal of time has been spent on the optimization of scan converters, post-processing algorithms, and sophisticated speckle-reduction technologies, **ultrasound transducers**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

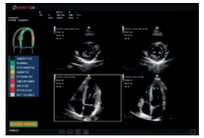
Clinical tools

ElaXto



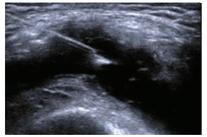
ElaXto is a non-invasive method that supports the physician in assessing tissue elasticity. The differences in tissue responses are detected and visualized in real time.

Stress echo



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

Needle visibility



Enhanced and clear visualization of the needle during intervention procedures.

XLight

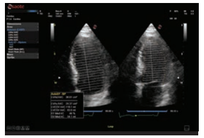
Advanced algorithm to improve volumetric rendering quality.

Zero-click automation

AutoNT

Automatic measurement of Nuchal Translucency (NT).

AutoEF

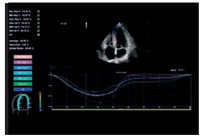


Automatic measurement of the Ejection Fraction (fully automated).

QIMT

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

XStrain™



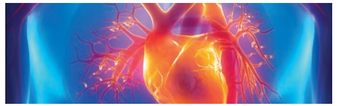
Global strain bullseye (17 segments) as a result of the 3 apical GLS outcomes.

Applications

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.

www.esaote.com

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MyLab™X6

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Please visit us online
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