

WALKING ON  
THE BRIGHTER SIDE OF  
ULTRASOUND IMAGING

MyLab™ **X**  
Beyond **ease**



**e**saote

# MyLab™X5

Ultrasound imaging  
beyond **ease**

With **Esaote's** new **MyLab™X5**, has become so smart and simple, you will no longer need to worry about time-consuming adjustments.

Designed with unique ergonomics, the **MyLab™X5** brings you total user comfort and usability that is **tailored to every clinical need** – all enabled through its swift responsiveness and its friendly interface.

Single click automations help you speed up your assessments and the **enhanced image quality** allows you to deliver them confidently and with utmost precision.

fast and easy







Fast and easy



Single-click automation



Diagnostic confidence



Large probe portfolio



## 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.

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

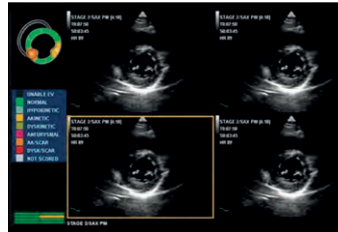
\*from stand-by mode



## Clinical tools

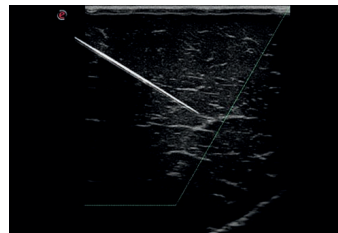
## Single-click automation

### Stress echo



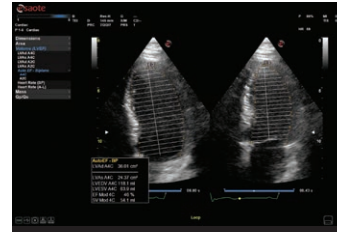
Complete Stress Echo package with flexible and customizable protocols for imaging acquisition and review.

### Needle visibility



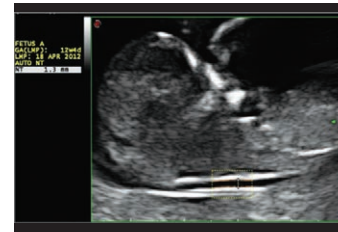
A clear and enhanced image of the target area during intervention procedures. The technology enables users to see the target structures and needle tip in order to automate the entire procedure.

### AutoEF



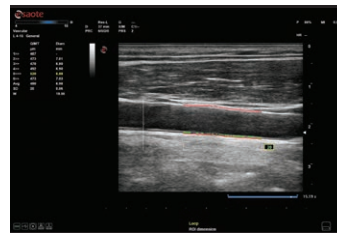
Automatic measurement of the EF fraction (entirely automated).

### AutoNT



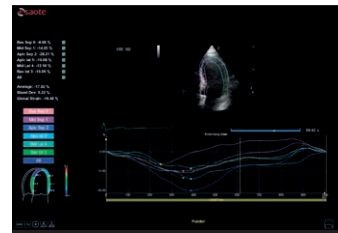
Automatic measurement of the Nuclear Translucency (NT).

### 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 result of the 3 apical GLS outcomes.



## Applications

### Cardiovascular

The MyLab™X5 is equipped with comprehensive cardiac and vascular configurations. It functions as a complete system for ultrasound cardiovascular examination, and features customizable measurements and reporting.

### Women's health

The convex and endo-cavity probes provide excellent image quality for women's health application needs. The 3D probe can also be used for standard examination.

### General imaging

Esaote's new MyLab™X5 covers any clinical need: from abdominal to endocrinology applications; to diagnosis, therapy, and finally follow-up.



# MyLab™ X5



Please visit us online  
for more information



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