



WALKING ON  
THE BRIGHTER SIDE OF  
ULTRASOUND IMAGING

MyLab™ X  
Beyond flexibility



**e**saote



# MyLab™ X6

## Ultrasound imaging beyond **flexibility**

Esote'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 **unprecedented comfort and flexibility**.





Fast and easy



21" LCD widescreen monitor



Single-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.

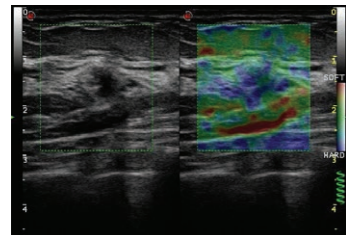


# Clinical tools

# Single-click automation

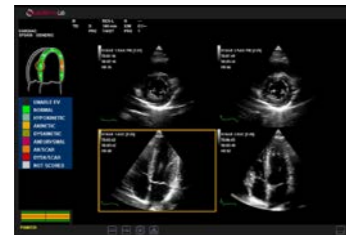
# Applications

## 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



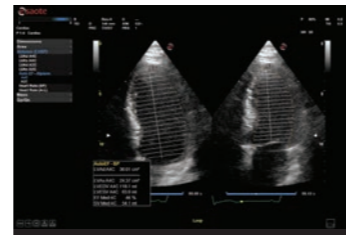
Complete Stress echo package with flexible and customizable protocols for imaging acquisition and review, also available with LVO.

## AutoNT



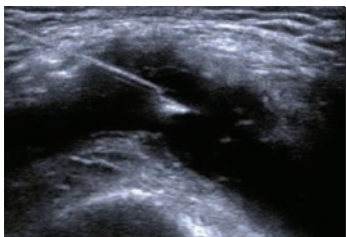
Automatic measurement of Nuchal Translucency (NT).

## AutoEF



Automatic measurement of the Ejection Fraction (fully automated).

## Needle visibility



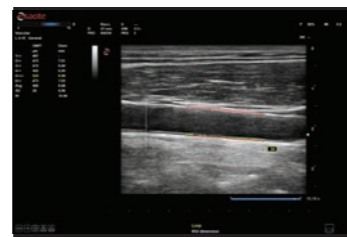
Enhanced and clear visualization of the needle during intervention procedures.

## XLight



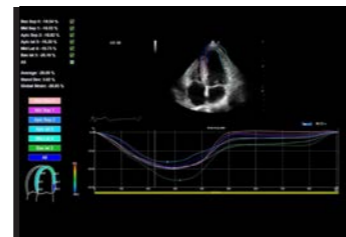
Advanced algorithm to improve volumetric rendering quality.

## QIMT



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

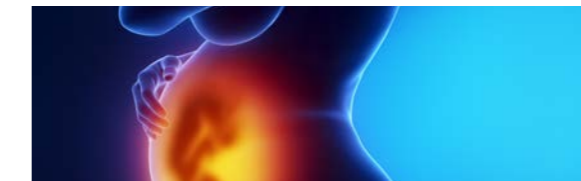
## XStrain™



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.

# MyLab™ X6



Please visit us online  
for more information



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