CONFIDENCE
STRAIGHTAWAY

MyLab™ OMEGA

esaote

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MyLab™Omega is a high-end, portable, multidisciplinary ultrasound unit with an innovative and ergonomic design. It delivers the highest level of performance possible for any application.

It offers extreme agility thanks to its onboard dual connector (4 with additional trolley multi-connector adapter), and extremely flexible with unique built-in touch screen in addition to its rotating and tilting monitor.

The innovative onboard technologies include advanced zero-click automation tools. Such innovation supplies the ultrasound system with key elements to accelerate usability and improve diagnostic efficiency. Built on a new engine and operated by Windows® 10, it delivers new levels of accuracy, quality, versatility, and value.

- **FAST AND EASY**
- **COMPLETE ADVANCED CLINICAL TOOLS**
- **SWIVELLING 15,6" MONITOR**
- **ZERO-CLICK AUTOMATION**
- **TWO SOCKET CONNECTORS**
- **TOUCHSCREEN**
- **EXTENSIVE CONNECTIVITY**

MyLab™ OMEGA

MOBILITY

MyLab™Omega can offer a large variety of mobile solutions to meet any possible need, application, and location.
The system can be simply operated placed on a desk or installed on a versatile height-adjustable trolley.
Furthermore, the system has an optional foldable trolley that can be easily transported in a car or transformer in back-pack solution.
A trolley completes the system mobile solutions.

BATTERY OPERATED

BOOTING TIME LESS THAN 15 SEC*

DEDICATED MOBILE SOLUTIONS

(*) from stand-by mode

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MyLab™ OMEGA

ULTRASOUND
PILLARS

XVIEW+
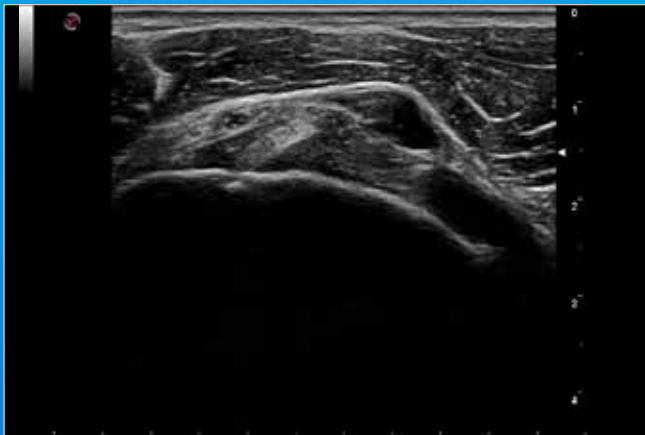
Speckle artefacts reduction is a very important function. Users must feel confident about the type of imaging they can acquire with an ultrasound system. For this reason the new XView+ speckle-reduction adaptive technology also features a balance setting function which operators can use to adjust the algorithm's behavior to their preference.

CPI

Difficult-to-scan patients are quite common in today's echo labs.
Esaote's CPI technology helps in addressing these challenges, allowing sonographers to obtain detailed images even with obese patients and in deeper scanning areas

CFM
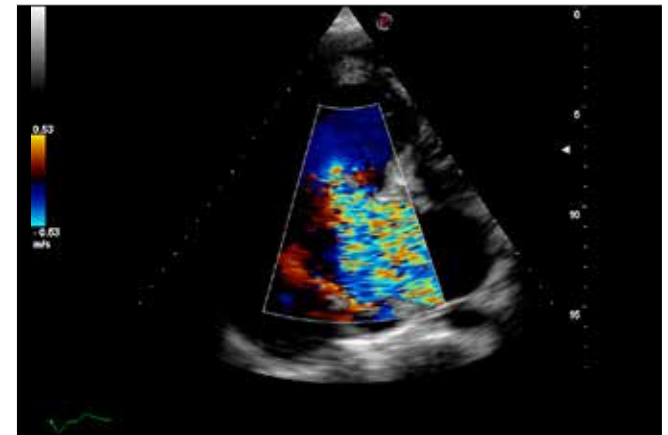
Different technologies are nowadays regularly used by clinicians for pathology characterization and diagnosis in all clinical applications. Covering a very large variety of potential uses, Color Doppler represents the pillar for detecting both high-velocity flows, such as in heart cavities or in big arteries, and low-velocity flows, such as in small and micro vessels (with or without Doppler enhancement contrast media).
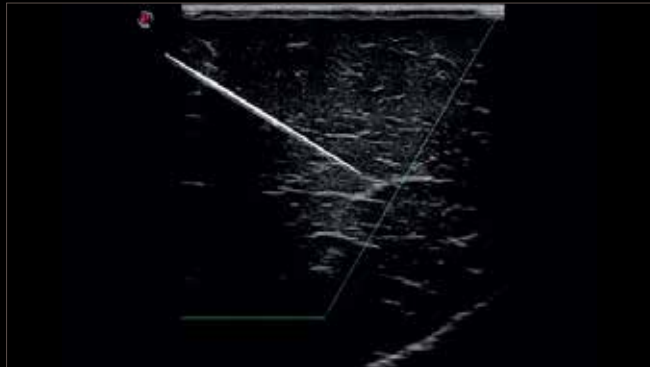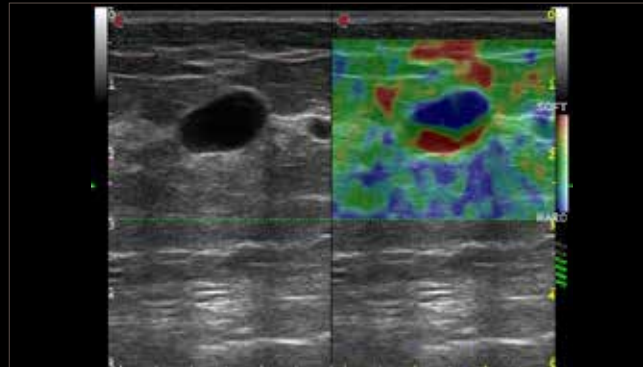
MyLab™ OMEGA

GI
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Esaote's new **MyLab™Omega** covers all clinical needs, from abdominal to point-of-care applications, to establish a diagnosis and provide the best possible therapy and follow-up.
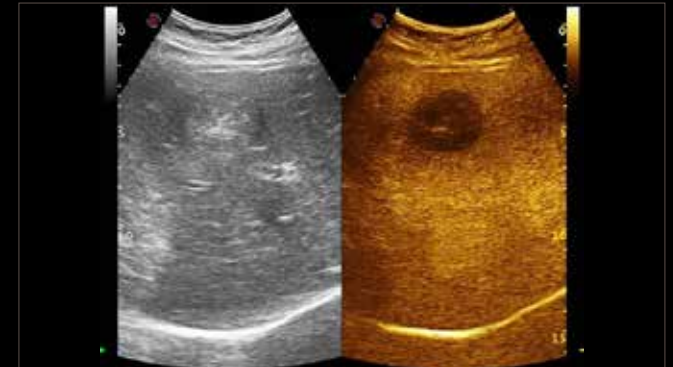
NEEDLE VISIBILITY

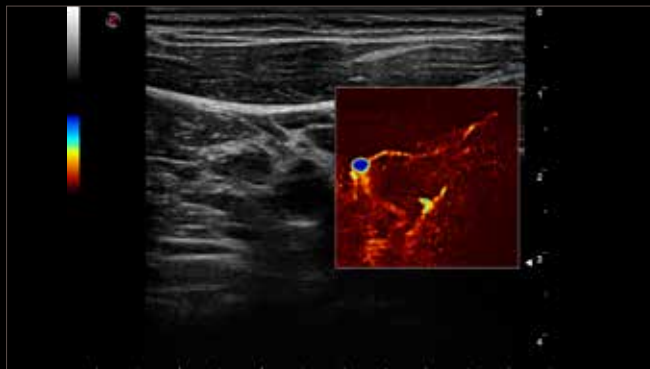Enhanced and clear visualization of the needle during intervention procedure.

ELAXTO

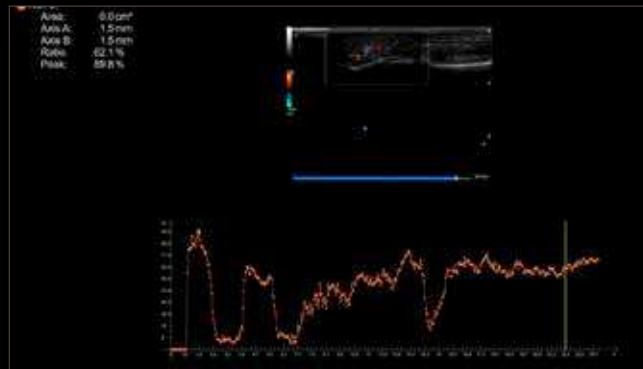ElaXto is a non-invasive method that supports the physician in assessing tissue elasticity.

CNTI™

Contrast Enhanced Imaging technology for improved diagnostic performance.
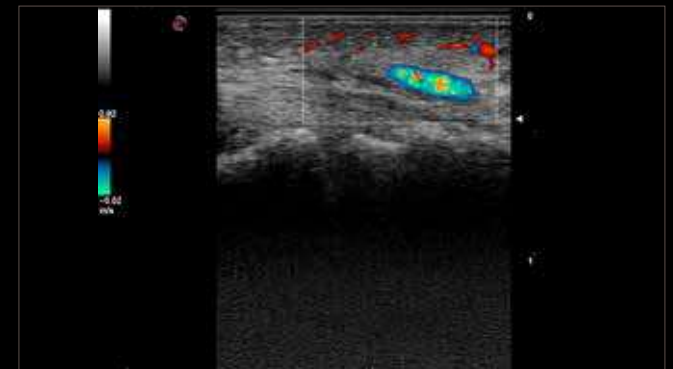
microV

High sensitivity and spatial resolution hemodynamic evaluation for lesion vascularization and characterization.

Q-PACK

Multi-modality quantification tool for curve analysis of Contrast Perfusion (Wi/Wo).

VERY HIGH FREQUENCY 22MHZ

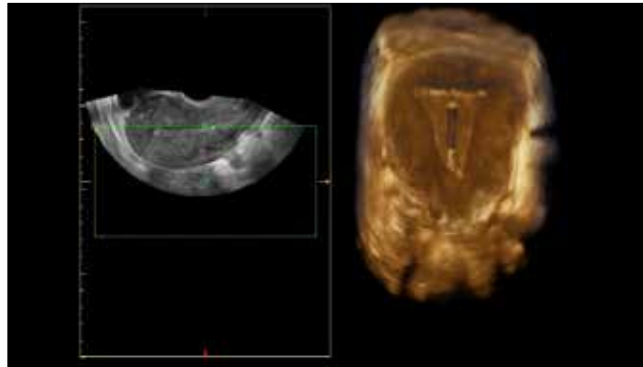Extreme high quality Imaging and Color Doppler on very very superficial applications.

WH
STRAIGHTAWAY

From Obstetric to Gynecology application, **MyLab™Omega** delivers basic and advanced technologies to support clinicians in their daily work.

XLIGHT
Advanced algorithm to improve volumetric rendering quality.

GYNECOLOGY 3D
Superb 2D imaging and perfect 3D reconstrution rendering.

FETAL HEART
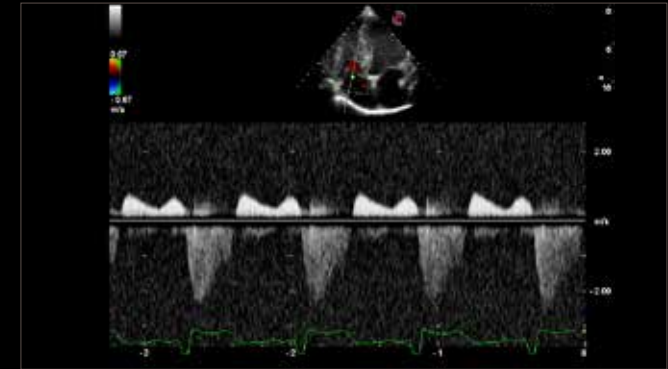High resolution imaging able to visualize any specific details.

COLOR AND DOPPLER HIGH SENSITIVITY
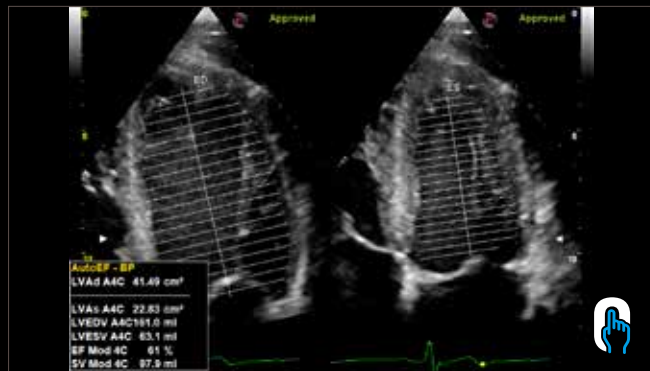Triplex mode on umbilical cord.

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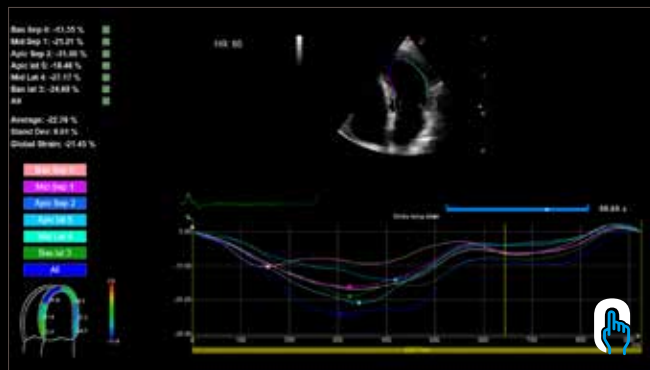

HIGH SENSITIVITY SPECTRAL DOPPLER
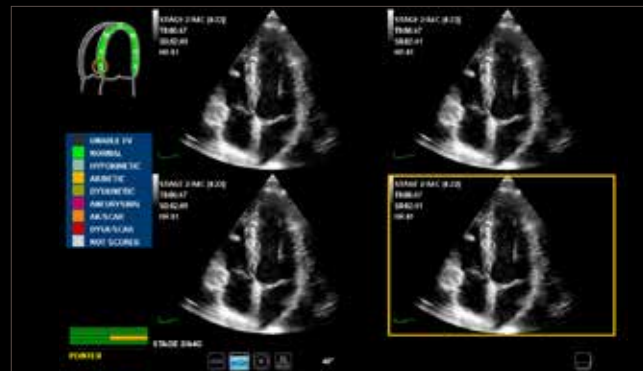Moderate Tricuspic Valve Regurgitation - CW Doppler signal.

AUTOEF
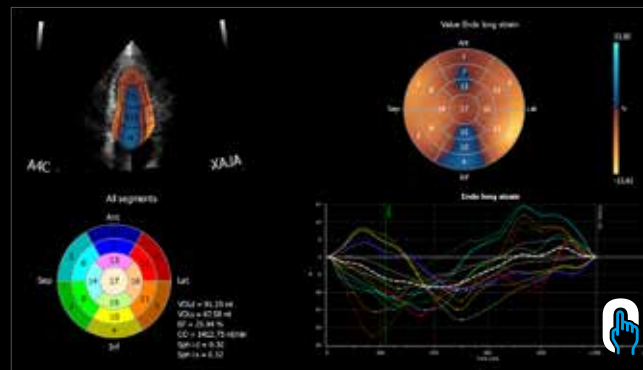"Zero-Click" automatic endocardial border detection speeds up EF measure and simplifies daily routine.

STRESS ECHO
Complete Stress echo package with flexible and customizable protocols.

QIMT
Automated real-time detection of Intima Media Thickness based on RF signal analysis.

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

XSTRAIN4D
Speckle tracking technology which provides a volumetric model of the heart's function.

QAS
RF based automated Carotid wall stiffness measurement including PWV, CC, AI, ∂, ß indexes.

CONNECTIVITY
STRAIGHTAWAY

In a fast-changing world where the value of information is increased by the possibility of sharing it, the highest level of clinical data management has to be offered to meet today's medical needs. The worldwide medical imaging community has entered a new era of communication opportunities.

Based on Windows® 10, these developments enable imaging professionals to reach diagnoses more effectively and efficiently, which can in turn raise the level of overall healthcare provided.

MyLab™ OMEGA

DICOM CONNECTIVITY
(INCLUDING QUERY/RETRIEVE)

MULTI-MODALITY ARCHIVE

WIRELESS CONNECTIVITY

MYLAB™ TABLET

@STREAMING

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