MyLab™ E85

Expertise for Guided Care

GTS Edition | Guided Therapy Solutions

esaote
HEALTH WITH CARE

MyLab™E85 GTS Edition

Expertise for Guided Care

The result of continuous research and innovation, the MyLab™E85 is an advanced streamlined ultrasound platform designed to deliver high and reliable performance.

Engineered with AI-based automation tools for image optimization and workflow support, it enables operators to deliver consistent and reliable results with every use. Adaptable to diverse interventional environments and exceptionally easy to use, the MyLab™E85 supports a full range of examinations and procedures while increasing operator confidence in diagnostic assessment.

It is a system designed not only to perform, but also to support excellence in guided care.

INTUITIVE CONTROL

EFFECTIVE EXAMINATION TIME

AUGMENTED INSIGHT™

SECURE CONNECTIVITY

XCRYSTAL TECHNOLOGY

CLINICAL EXPERIENCE

MyLab™ E85 GTS Edition

24” BARCO MONITOR

Latest LCD monitor technology to ensure superior detail enhancement.

OPTI-LIGHT

Provides an optimal working environment through its integrated lighting capabilities.

ULTRA-WIDE 15.6” TOUCHSCREEN

Ergonomic control with a tiltable 15.6” touchscreen.

INNOVATIVE TOUCH-SENSITIVE INTERFACE

A modern panel that simplifies cleaning and seamlessly integrates into critical environments.

5 ACTIVE CONNECTORS

5 transducer connectors for immediate probe switching in fast-paced clinical settings.

BATTERY SUPPORT*

Fast boot and more than one hour of full performance scanning while operating on battery power.

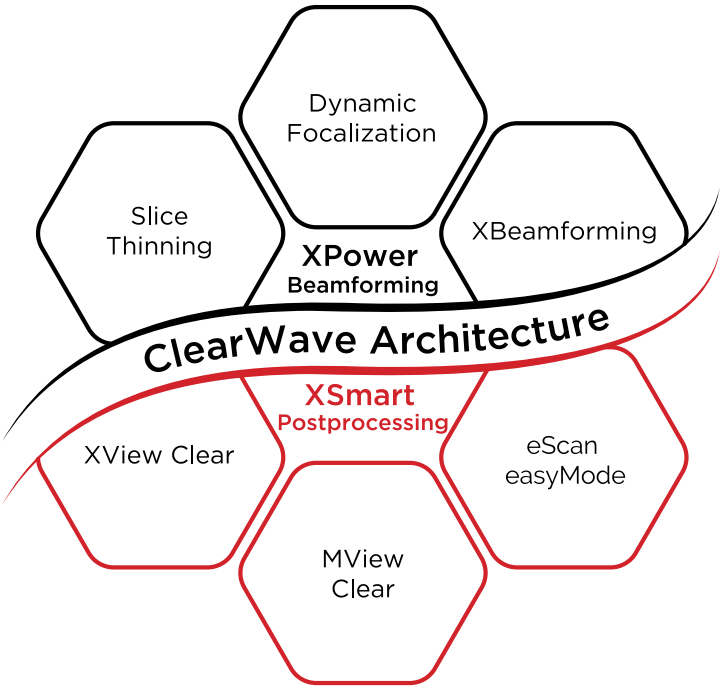
*Optional

Redefine the Way you See

In the context of ultrasound-guided procedures and therapies, image quality is not a detail, it's the key to making confident and timely clinical decisions. That's why we are committed to providing you with consistency across different operators through the most advanced ultrasound imaging technologies to meet the needs of every patient type.

MyLab™E85 embeds the ClearWave Architecture, which combines Esaote's advanced XBeamforming and XSmart Postprocessing technologies to deliver consistently high-quality images, further enhanced by specialist XCrystal technology transducers. The new challenges of image streaming are overcome by leveraging advanced edge electronics and processors, which enable data transfer and connectivity with the highest level of security.

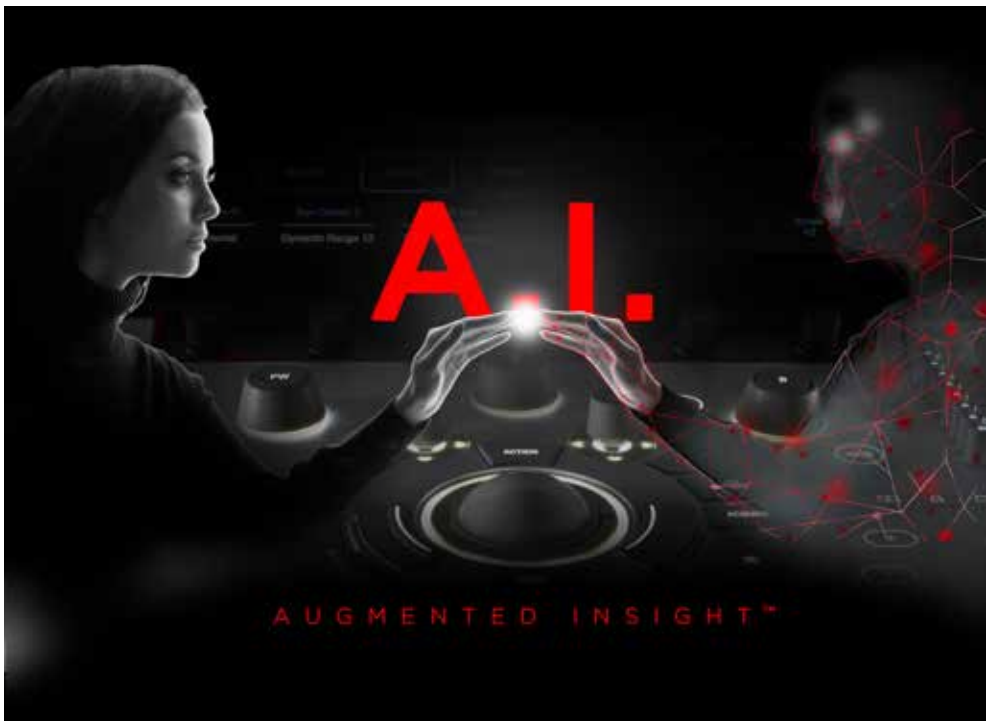
A better image is more than just technology; it's delivering effective support when guiding patient care at every stage.



Experience Augmented Insight™

In interventional radiology, the complexity of procedures and the need for accurate lesion targeting make AI an essential ally to simplify the workflow and allow clinicians to focus on decision-making.

With AI, we've taken Augmented Insight™ technologies to the next level. Developed by Esaote's R&D team, this suite of smart solutions is designed to make your workflow easier during guided interventional ultrasound procedures, empowering confidence and efficiency at every stage.



Achieve More with our Guided Therapy Solutions

We know how crucial precision and reliability are in Interventional Radiology (IR). That is why we have developed the new MyLab™E85 platform, a solution fully dedicated to support your IR practice.

With advanced technologies that enhance precision, improve lesion visualization, and streamline procedures, the MyLab™E85 is designed to guide you perform accurate biopsies, targeted treatments, and effective surgeries with greater confidence.

From diagnosis to treatment guidance, our comprehensive ultrasound solutions empower you to focus on what truly matters: delivering safer, faster, and more patient-centric treatments.

- Interventional Radiology
- Surgery
- Urology
- Oncology

Benefit from a Fully Cleanable Panel

With the MyLab™ E85, you can benefit from an exclusive interface: a new touch-sensitive keyboard that is unique in its field. Designed to deliver an intuitive, fast, and comfortable user experience, it is easy to clean and perfectly suited to even the most critical environments. An innovative design that reduces operational stress and maximizes workflow efficiency.

The tiltable touchscreen, which allows optimal positioning for each working environment, introduces new workflow gestures and puts intuitive real-time control at your fingertips.

The monitor integrates lighting capabilities, which, combined with the advanced articulating arm, offer optimal monitor positioning and visual comfort. In addition, the entire system can be raised or lowered to the desired height, offering a fully customizable workstation.

- ✓ Easy to clean
- ✓ Water and dust proof
- ✓ Resistant to corrosive agents
- ✓ Intelligent and comfortable touchpad

Achieve Precise Assessment for Abdominal Lesions

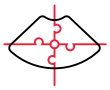
The MyLab™ E85 uses cutting-edge technologies to support lesion assessment from early detection and characterization, through therapy and follow-up.

- **Advanced vascular imaging:** microV technology offers exceptional sensitivity, visualizing very low blood flow vascular pattern information with remarkable precision.
- **Enhanced contrast ultrasound:** CnTI™ Clear provides extended contrast media duration and deeper imaging penetration, delivering valuable insights of tissue micro-perfusion for accurate abdominal lesion's assessment.
- **Sharp borders, needle visibility:** The B-Mode superior image provides clear delineation of anatomical borders, ensuring precise visualisation of surrounding structures. Excellent needle visibility supports accurate guidance during interventional procedures.
- **Fusion imaging guidance:** Virtual Navigator combines previously acquired CT, PET-CT, and MR datasets with ultrasound to confirm clinical findings and to guide, with precision, real-time complex biopsies and focal therapy gestures.


microV


Needle Visibility


CnTI™ Clear


Virtual Navigator

With a wide portfolio of probes designed for abdominal ultrasound explorations and interventional procedures, we focus on consistently producing high-quality, uniform images that reveal fine details with remarkable clarity, even under challenging patient conditions.

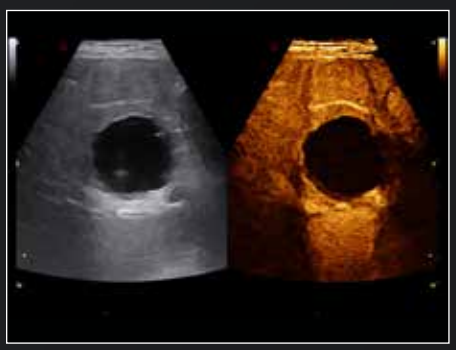
B-Mode image of the liver

B-Mode image of the kidney

Liver with microV technology

Kidney with microV technology

Kidney CnTI™ Clear with convex probe



LIver CnTI™ Clear with linear probe

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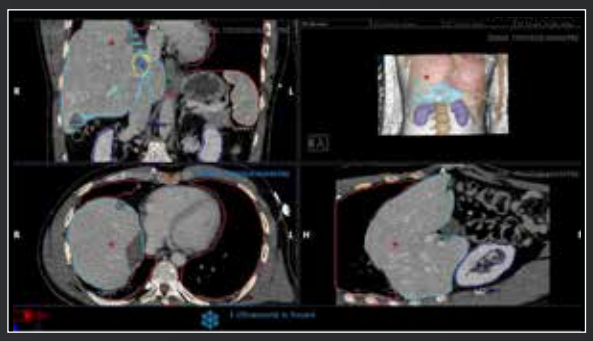
Exploit a Complete & Integrated Solution for Fusion Imaging

Virtual Navigator supports interventional procedures by enabling easy fusion imaging with an ultra-simplified workflow. It combines advanced guidance tools to enhance the execution of complex biopsies and focal therapy procedures.



AI-based organ segmentation tool

Kidney fusion imaging between CT and real-time US

Liver fusion imaging between CT and real-time US

Needle tracking combined with CnTI™ Clear mode

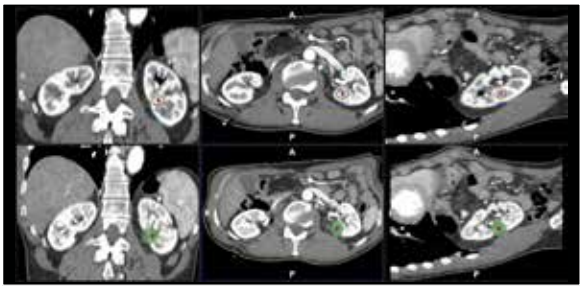
- **Automatic synchronisation:** seamless workflow for automatic registration through CIVCO omniTRAX™ or AI-Driven AutoSYNC via 3D camera.
- **Advanced body motion compensation:** maintains registration throughout breathing phases or patient movement via motion sensor.
- **Advanced guidance tools:** all options for needle tracking (CIVCO eTRAX™ and virtuTRAX™) with the possibility of pre-planning needle insertions.
- **Multi-modality imaging:** CT, PET-CT, and MRI can be combined with US, benefiting from Doppler and CnTI™ Clear complementary information in real time.

Maximise your Ablation Workflow

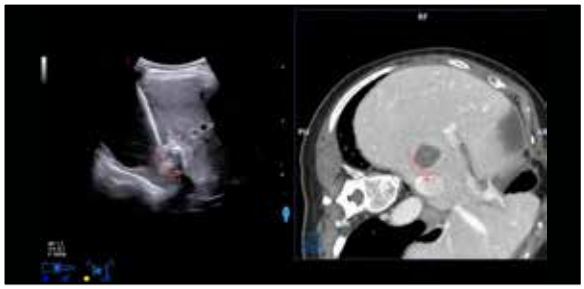
The Ablation Confirmation Suite (ACS) is a game-changer for thermal ablation procedures control. Fully integrated into our ultrasound system to elevate our abdominal fusion imaging to a new level and streamline the interventional workflow.

By comparing the area to be treated with the necrotic zone (pre/post-ablation CT data) through elastic fusion, the software highlights possible areas requiring further treatment, providing a comprehensive qualitative and quantitative analysis.

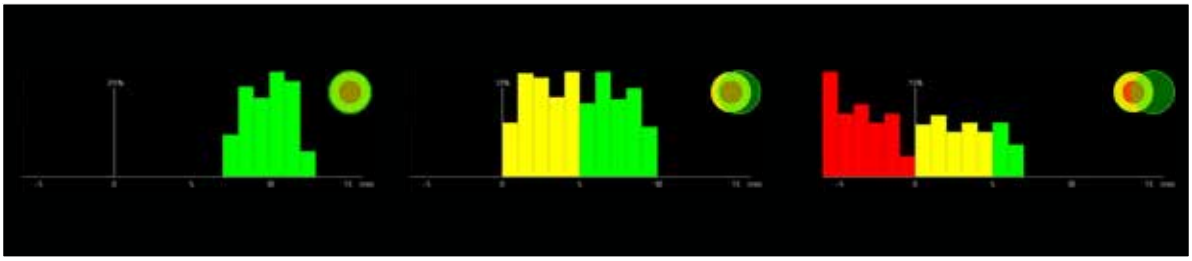
If any area remains to be treated, it is displayed as a new target, directly visible under CT-US fusion navigation mode. This enables precise localisation and guidance for ablation completeness, thereby supporting procedural completeness.



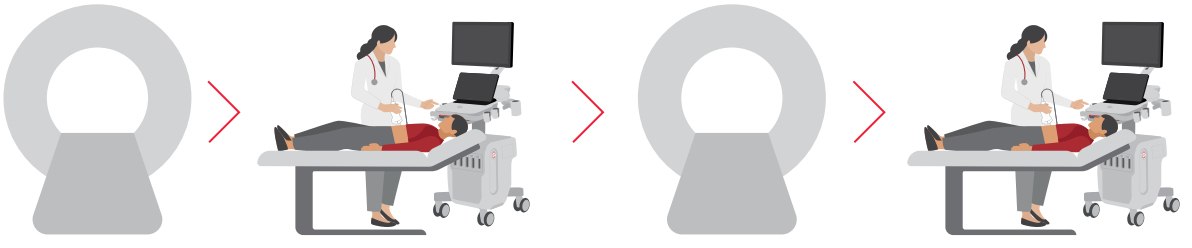
Kidney fusion – Pre/post-ablation CT data comparison



Liver fusion - Residual zone as a new target on CT-imaging data



Qualitative and quantitative ablation analysis of CT-imaging data



PRE-CT

INTEGRATED PLANNING & ABLATION

POST-CT

INTEGRATED ABLATION CONFIRMATION CHECK & RESIDUAL ABLATION

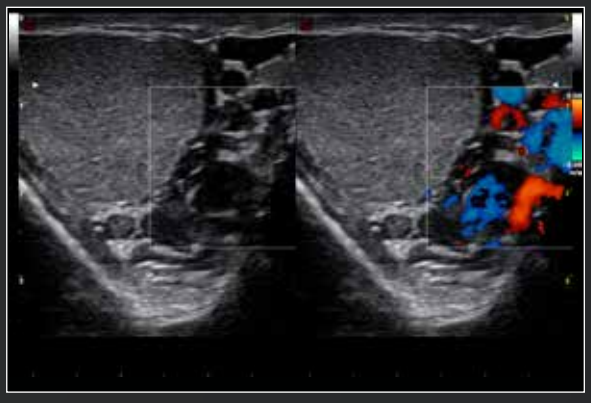
Enhance your Urology Care

The new MyLab™E85 platform sets the standard in urological diagnostics, delivering outstanding prostate imaging for both transperineal and transrectal approaches, as well as testis and penile imaging, by leveraging advanced technologies such as vascularization, contrast, and elastosonography.

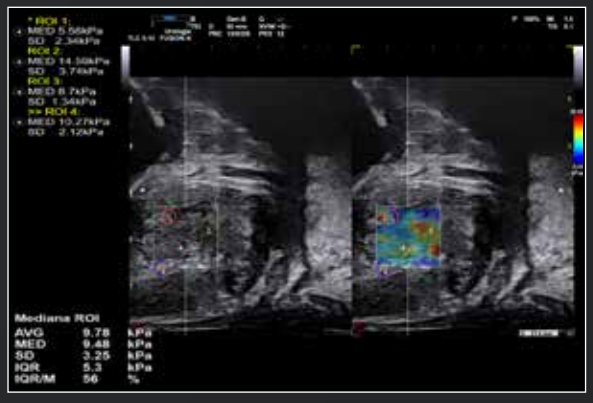
Expand the prostate package with compatibility accross multiple steppers for stereotatic transperineal procedures to enhance operator efficiency and confidence in every intervention.

Prostate image in transrectal biopsy approach

Prostate image in transperineal biopsy approach



Testis with Color Doppler technology



Shear-Wave elastography technology in prostate

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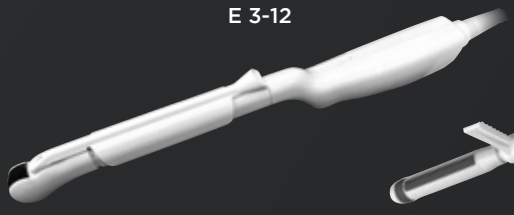

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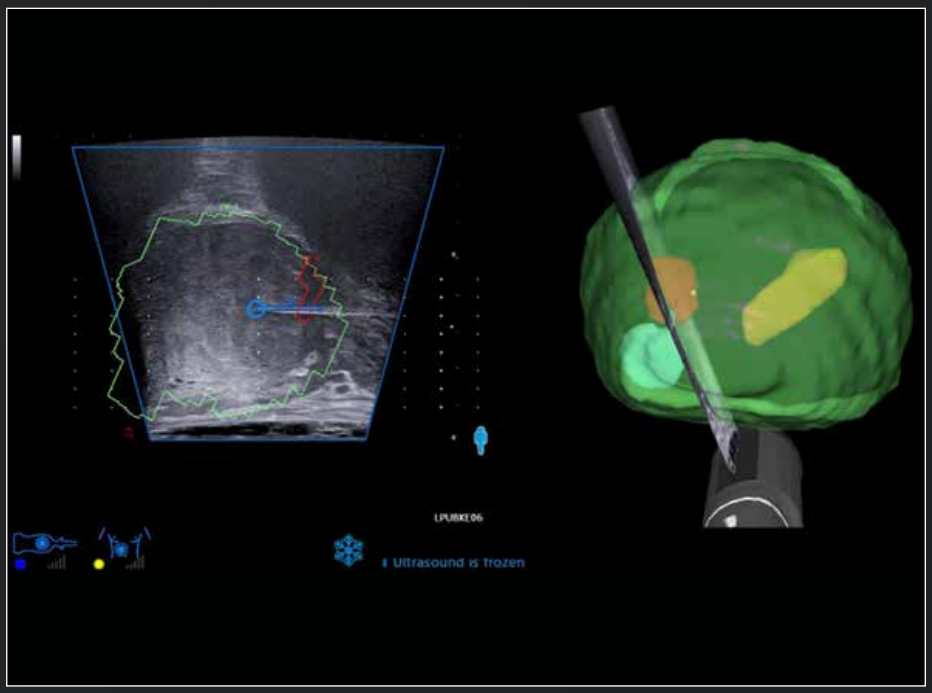
MyLab™ E85 GTS Edition

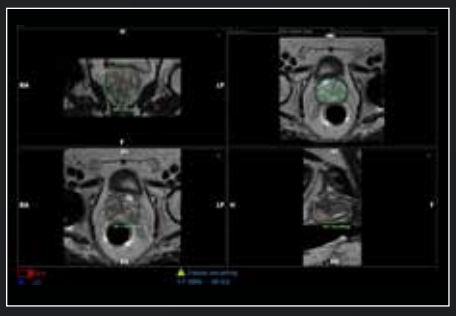
Streamline your Workflow with UroFusion

With UroFusion, our state-of-the-art fusion imaging solution tailored for targeted prostate biopsies, you can achieve greater simplicity and accuracy.

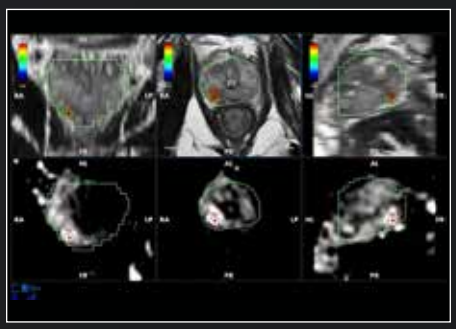
- AI-guided package
- Applicable to both TP and TR approaches
- Fast and accurate automatic synchronisation
- Automated comprehensive report



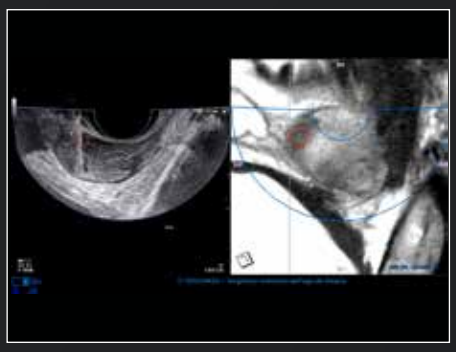
Navigation environment with real-time 3D model of prostate (targets and biopsy cores)



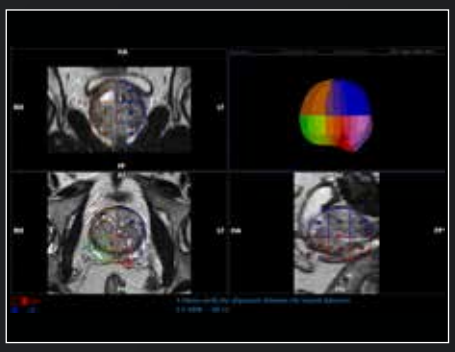
MRI prostate AI-based segmentation



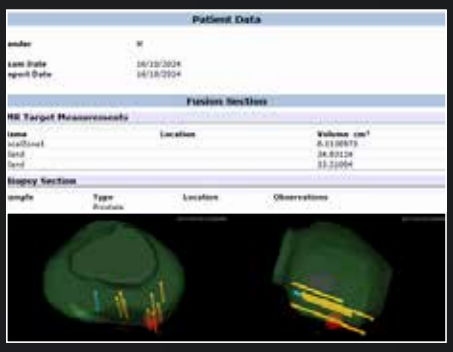
Prostate Attention Map



Biopsy guide's simultaneous display



Prostate segmentation for systematic biopsies



Automated prostate report

Guide Every Surgery with Confidence

Intraoperative ultrasound is a valuable tool in surgery, providing real-time diagnostic information that impacts patient management, reduces complications, and guides intraoperative procedures.

From basic to advanced imaging modes, intra-operative ultrasound supports surgeons in complex clinical decision-making.

Our specialized surgical probes combine exceptional image outcomes with an ergonomic design. These probes provide clear visualization of anatomy, and real-time assessment of the target, its margins, and surrounding structures, allowing precise guidance for delicate procedures.

By integrating ultrasound technology into daily surgical workflows, surgeons and healthcare institutions can adopt and promote these innovations aimed at improving patient care.

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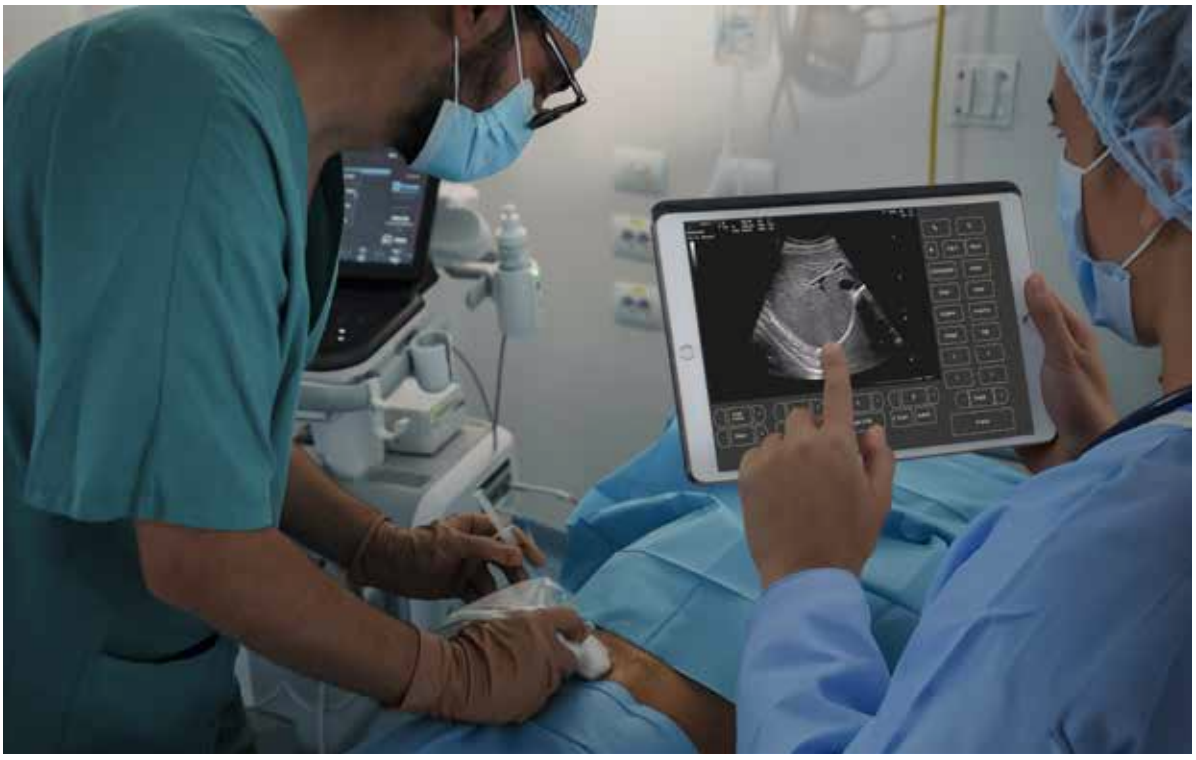
Control your Ultrasound Scanner Remotely

MyLab™Remote technology enables live streaming and remote control of scanners during procedures, making collaborative medicine and real-time interaction possible. This innovation also ensures hygiene and safety in operating rooms and other sterile environments.



Customer Care

3-YEAR SERVICE COVERAGE

REMOTE TECHNICAL SUPPORT

PROBE COVERAGE

Conditions for service coverage may vary depending on your country.

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Esaote S.p.A. - sole-shareholder company

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