General Imaging

Compact Color and Doppler without Compromise

MyLab™20

esaote

No Compromises

> Color and Doppler Imaging
> Flexible Module Architecture
> Three Transducer Ports for Convex, Linear and Endocavity Probes

MyLab20™

> The MyLab20 is Esaote's new compact console color and Doppler ultrasound system. The modern design houses a powerful diagnostic tool that produces high-sensitivity color and PW Doppler images for ultrasound professionals in various medical fields. Based on the MyLab World modular architecture, the MyLab20 is extremely flexible and offers a wide range of application packages and optional features to meet every user's specific needs.

> MyLab World Advanced Technology

Engineered with Esaote's ESA-DYN and XView technologies, the MyLab20 black & white image quality is truly exceptional for a system in its size and price class. XView is the next generation of Esaote's proprietary solution for superior contrast resolution. The ESA-DYN microchip allows Esaote to offer the MyLab20's exclusive high-dynamic signal processing. The MyLab20's enhanced color and Doppler sensitivity, together with exceptional features such as duplex and triplex imaging and live and frozen zoom modes, prove that there are no compromises in its diagnostic capabilities.

> Improved Workflow through Design

XVISION

The MyLab20's ergonomic design defines it as a system created for ease-of-use and increased workflow and efficiency. Every system has three probe connectors and two rest ports to be used with various high-density convex and linear transducers, including Esaote's unique 200° field-of-view endocavity probe. This eliminates the time needed to change probes during or between examinations. Additionally, the MyLab20 XVision LCD configuration results in an unmatched image quality both in terms of contrast and spatial resolution, and increases user comfort while reducing eyestrain.

Flexibility without Compromise

> Modular Application & Feature Possibilities

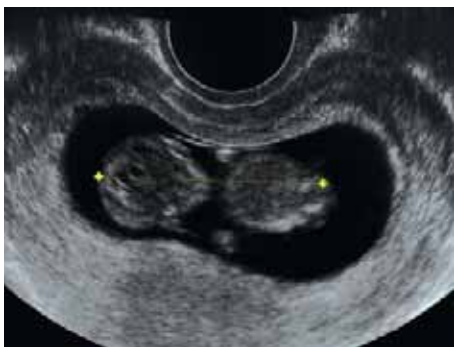
The MyLab20, just as all systems in the MyLab World, is based on an innovative modular architecture. This allows the user to configure the system to his or her unique needs through various optional application-based licenses. The MyLab20's modularity includes special features, such as the MyLab20-Just 4D obstetric real-time imaging option, as well as a complete selection of obstetric measurement packages. Further optional modules, such as the TEI™ (Tissue Enhancement Imaging) feature are available through the MyLab20's flexible license-based architecture. TEI increases image resolution by minimizing artifacts and is available on all probes.

> OB/GYN

The MyLab20's functionality can be enhanced with specific features in addition to the OB/GYN application module. MyLab20-Just 4D is a complete, easy-to-use real-time imaging option with an unlimited history volume and unique stereoscopy viewing capabilities. The Mother-Child Database feature is an internal database that allows clinicians to save fetal measurements made at each visit and to view and analyze these through-out the pregnancy, all in one easy report. Combined with Esaote's 200º field-of-view endocavity probe, the MyLab20's automatic pulsatility and resistive index (PI, RI) calculation and Doppler tracing functions make it an ideal system for today's busy OB/GYN ultrasound department or practice.

Umbilical cord in color mode

Fetal face in 4D



CRL, 11-week fetus

> MyLab20-Just 4D Real-time Imaging
> TEI™ - Tissue Enhancement Imaging
> General Imaging, OB/GYN, Small Parts, Musculoskeletal Modules

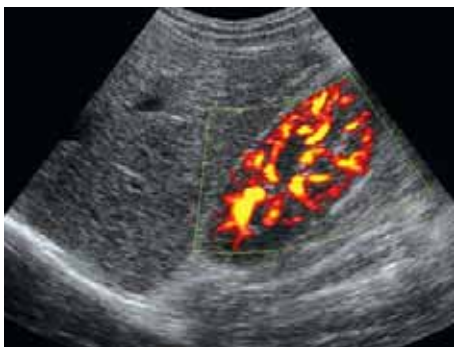
MyLab20™

> Small Parts, Musculoskeletal

High sensitivity color Doppler, power Doppler and directional power Doppler assist the MyLab20 user in making reliable diagnoses in small parts applications. The premium black and white imaging, in combination with the TEI option, produces clear and detailed images, even in difficult-to-image patients; essential in both musculoskeletal and small parts examinations. The various linear probes, all multi-frequency, lightweight and easy-to-handle can be used with both reusable and disposable biopsy kits.

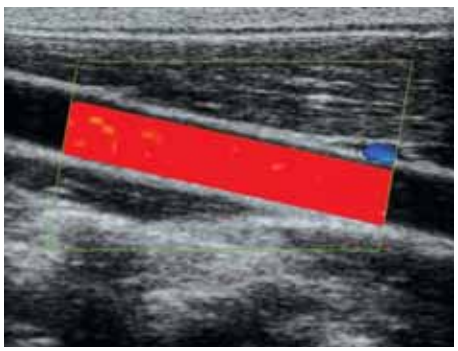
> Vascular

The multi-frequency, ergonomic and lightweight linear probes and high-quality black and white, color and Doppler imaging modes make the MyLab20 a perfect system for vascular examinations in both adults and children. The system delivers optimal images for various anatomical examinations and PW Doppler to analyze blood flow accurately. Additionally, the automatic Doppler tracing feature is an easy-to-use tool for Doppler spectrum analysis and increases daily workflow efficiency.



Kidney in power Doppler mode

Thyroid in color mode



Carotid artery in color mode

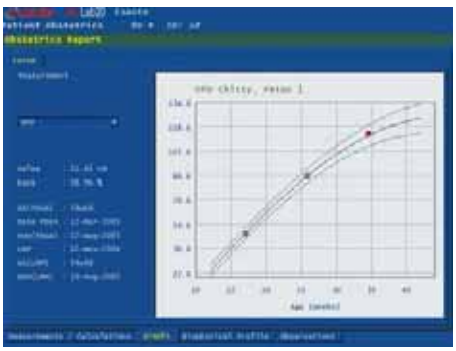
Extended Connectivity

> Modern USB/DVD Image and Data Management

Ultrasound systems, whether part of a larger imaging department or stand-alone in a small practice, need to meet today's growing demand for paperless data management, storage and transfer. The MyLab20 integrates modern USB port functionality standard and CD/DVD recording capabilities with the MyLab20-Just 4D module. Every system is supplied with a personal USB memory drive, and the built-in USB port allows the user to save data quickly and easily. Images and clips can be stored in real-time, reviewed, exported in different formats and printed on USB/PC printers.

The USB memory drive can be used in any PC to save or further process the images. The MyLab20 also has an integrated CD/DVD writer for saving 4D images to CD or DVD. A perfect solution for today's busy OB/GYN practice: patients can be given a USB memory drive, CD or DVD to bring to each visit to take copies of their images home to share. Additionally, acquired biometric data can be transferred to external (obstetric) software packages. The MyLab20 produces optimized reports in all application modules to aid the user in easy and efficient patient management and improved workflow.

Exam review



Mother-Child Database: fetal trend

Obstetrics report

MyLab World,
One World, One Language

MyLab20™

> Friendly User-Interface
> Digital Archiving Capabilities
> Patient Management

MyLab™20

CE

ISO 13485: 2003 ISO 9001: 2000 0344

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