Women’s Health

The Care Every Woman Deserves

esaote
HEALTH WITH CARE

The Care Every Woman Deserves

We understand the challenges you are facing in your obstetrics and gynaecology practice. That is why we are committed to provide you with reliable and high-quality solutions for your daily routine.

Our state-of-the-art ultrasound systems deliver exceptional image quality while the advanced AI-powered solutions streamline the entire workflow from image acquisition to standard measurements.

From prenatal diagnosis to gynaecological imaging, our comprehensive ultrasound solutions empower you to focus on what really matters: the best care every woman deserves.

- Obstetrics
- IVF
- Gynaecology
- Labor & delivery

A Full Set of Dedicated Probes

Through the perfect synergy of high-performance probes and advanced ultrasound systems, we focus on delivering the best outcome for every examination.

LIGHTWEIGHT

VERSATILE

ERGONOMIC

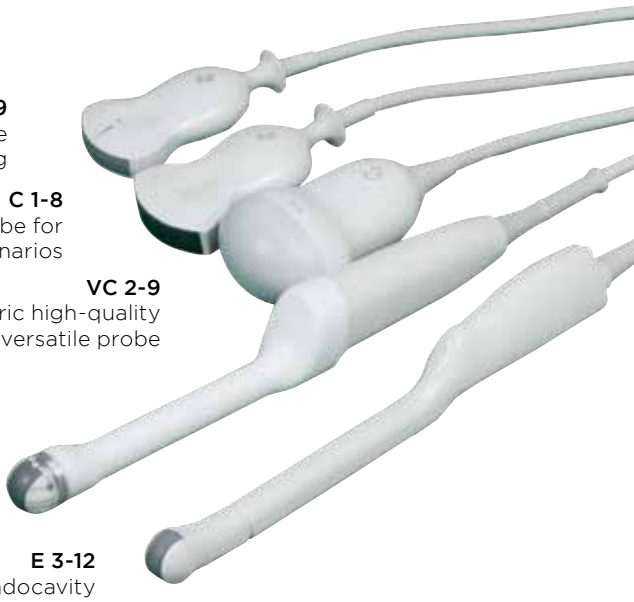
C 2-9
High-resolution probe for detailed imaging

C 1-8
Broadband probe for challenging scenarios

VC 2-9
Volumetric high-quality versatile probe

SB3123
Volumetric probe for 3D uterine reconstructions

E 3-12
High-resolution endocavity probe for detailed visualization



Optimal Clarity at Every Stage of Pregnancy

Whether you choose the volumetric probe or the dedicated high-frequency convex probe, you can always get unparalleled image quality to examine fetal anatomy with exceptional accuracy.

Nuchal Translucency with VC 2-9 probe

Obtain high-contrast, well-defined images in the first trimester for accurate measurement of nuchal translucency.

Second trimester abdomen, diaphragm

Clearly visualize all abdominal structures, including renal pelvis and diaphragm, with exceptional contrast resolution.

Third trimester fetal brain

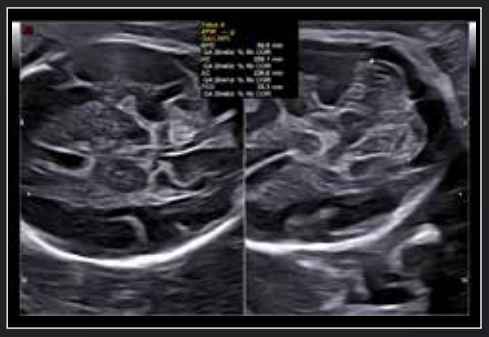
Capture detailed brain structures, including Cerebellum, Cavum Septi Pellucidi and Cerebral Ventricles. even in third trimesters or challenging scenarios.

AI-Powered Efficiency to Streamline Obstetric Workflow

Say goodbye to time-consuming manual tasks such as measurements and calculations with our AutoOB AI technology, which automatically suggests key biometric measurements after identifying the plane of interest.

All this in 3 easy steps:

- The user takes the principal anatomical sections according to international guidelines.
- The system suggests for each section the most commonly used OB measurements. and perform them in seconds.
- The user can confirm the accuracy of the calculation or edit if needed.



AutoOB fetal brain measurements

AutoOB abdominal measurements

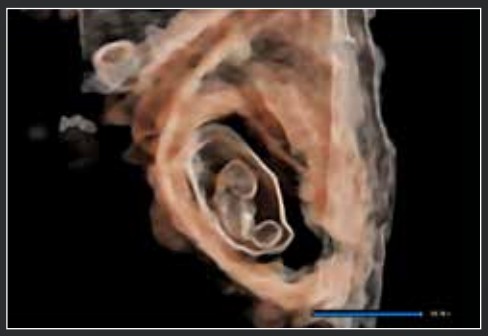
AutoOB long bones measurements

AutoOB CRL measurement

Outstanding 3D/4D Depiction of the Fetus

Elevate your performance with our 3D/4D technology, delivering outstanding results easily and quickly.

- Achieve realistic imaging of fetal face and structures with our innovative VC2-9 3D/4D probe in combination with Xlight and XGlass technologies.
- Get a clear view of the baby's spine and other fetal bone structures with our Bone Rendering tool.
- Experience precise imaging of structures like the corpus callosum with TSI (Thick Slice Imaging), ideal for well-defined and confined anatomy.



Early pregnancy with VC 2-9 probe and XGlass technology

Baby face with VC 2-9 probe and XLight technology

State of the art of our volumetric probe

- ✓ The lightest volumetric probe on the market (only 210 g)
- ✓ Outstanding handling for comfortable use
- ✓ One probe solution for all trimesters
- ✓ Zero attenuation technology

In-Depth View of Fetal Heart and Blood Flow

To achieve a detailed exploration of the fetal heart activity and vascular flow we have set new standards with:

- Advanced Color Doppler imaging with BrightFlow for enhanced clarity and 3D-like visualization of fetal and maternal vessels.
- Auto PW function for fast and optimized Doppler tracing of key fetal and maternal arteries.
- High-resolution B-Mode for detailed fetal cardiac assessment, including key anatomical views.
- High-sensitivity Color Doppler for accurate evaluation of blood flow and detection of abnormalities.

Umbilical artery with BrightFlow

Middle Cerebral Artery with BrightFlow

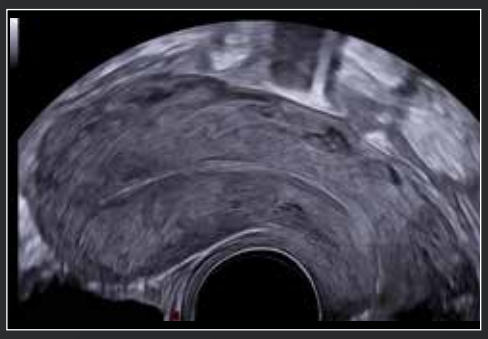
Fetal heart, 4-chamber view

Aortic arch view with BrightFlow

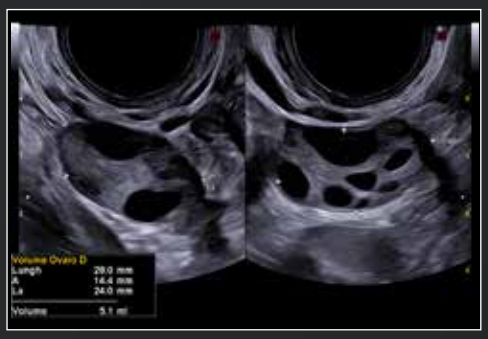
From Precision Imaging to Gynaecological Insight

Our gynaecology ultrasound solutions enable you to provide the urgent answers your patients need, through:

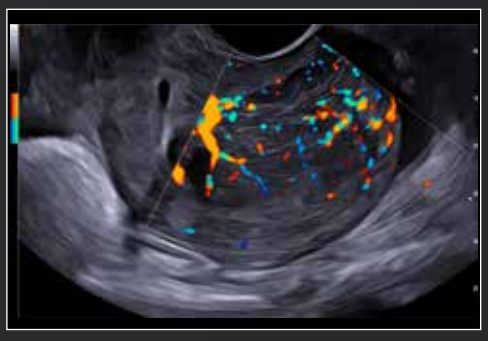
- High-quality gynaecologic imaging with excellent contrast resolution for accurate diagnosis via transabdominal and transvaginal approaches.
- E 3-12 micro-convex transducer for precise visualization of endometrial and ovarian structures with deep penetration and patient comfort.
- Advanced Doppler technologies (Power Doppler and microV) for enhanced vascular sensitivity and detailed evaluation of gynaecologic pathologies such as fibroids, polyps, and endometriosis.



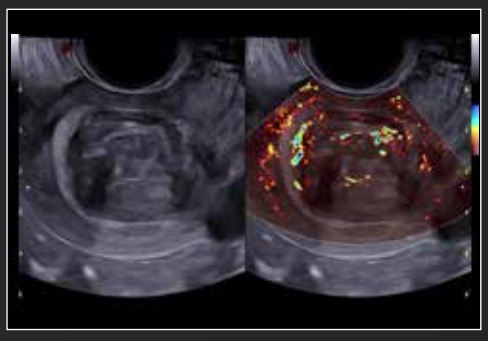
Uterus with E 3-12 probe



Ovaries with E 3-12 probe



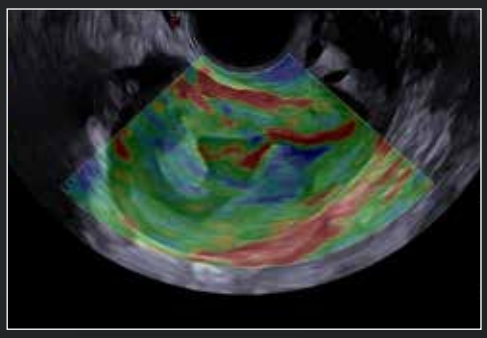
Power Doppler technology in gynaecology



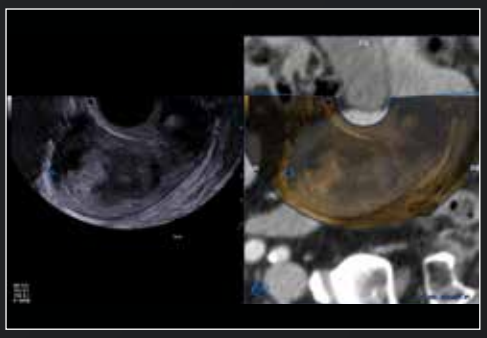
microV technology in gynaecology

Uterus with SB3123 probe and XGlass technology

Uterus with SB3123 probe and XGlass technology



Uterus with ElaXto technology



Fusion imaging with Virtual Navigator technology

When standard ultrasound reveals complex conditions, our advanced imaging offers deeper insights for accurate diagnosis and treatment planning.

- Realistic 3D uterine reconstructions with fast volume rendering for accurate evaluation of uterine shape and size.
- Enhanced endometrial visualization using TSI (Thick Slice Imaging) with customizable imaging parameters.
- Fusion imaging with Virtual Navigator combining MRI and TVUS for accurate detection of complex conditions like deep infiltrating endometriosis (DIE).

Supporting Your Patients' Journey to Parenthood

For fertility evaluation and treatment, our Women's Health package offers a wide range of tools designed to make the process faster, more reliable, and less invasive.

- XVRA technology calculates follicle volume to identify the best optimal oocytes, increasing the chance of pregnancy.
- ElaXto strain technology uses color patterns to assess tissue elasticity in real-time, crucial for evaluating cervix elasticity prior to embryo transfer.

In the challenging and fast-paced environment of labor and delivery, our systems fit into any space with their sleek designs and light weights.

- Assess fetal position and progression during labor leveraging our very high-quality imaging.
- Achieve efficient fetal monitoring through high-precision Doppler technology.
- Quickly identify obstetric complications and improve patient care thanks to an intuitive interface.

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

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