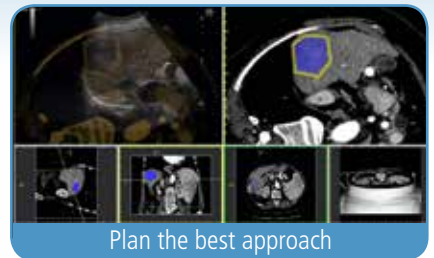
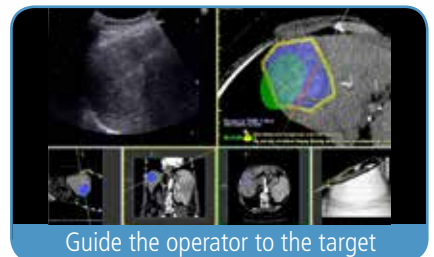




Visualize lesions detected in CT-MR-PET



Plan the best approach



Guide the operator to the target

Let the fusion begin! CT, MRI, PET side by side with Real-Time Ultrasound

Virtual Navigator is Esaote revolutionary technology for Fusion Imaging that allows CT, MR and PET to be viewed simultaneously with real-time Ultrasound Imaging, Doppler, Elastasonography and more.

Virtual Navigator uses all the advantages of different imaging modalities to provide a real-time, low-cost, radiation-free solution for guiding diagnoses. It is ideal for use in everyday diagnostic clinical practice, for interventional procedures, as well as for research and teaching.

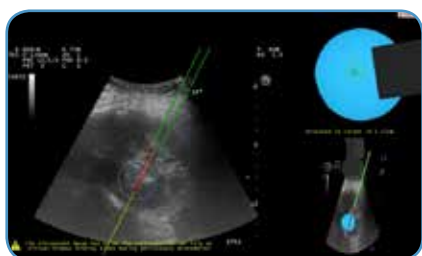
Increase diagnostic confidence:

- Visualize lesions detected in CT/MR/PET purely visible to ultrasound
- Plan the best approach in difficult-to-scan patients
- Guide the operator to the region of interest – quickly and easily

Reaching the target easy as using GPS

Virtual Navigator brings you to the target as easy as using a GPS System.

This gives the possibility to identify target positions both in the Ultrasound and second modality imaging. A brand-new simplified workflow makes your registration easy, fast and accurate, thanks to One-Point Registration or the Automatic Registration.



Virtual Biopsy: difficult biopsy becomes easy!

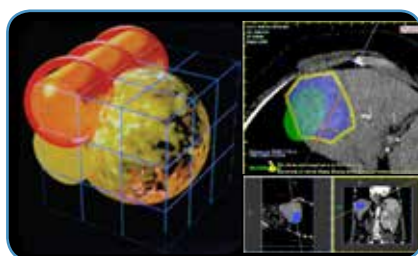
Virtual Biopsy allow to follow percutaneous procedure superimposing the needle tracking information on the Real-time Ultrasound image.

- Needle visualization and tracking
- Location and detection of the lesion
- Multi-modality correlation



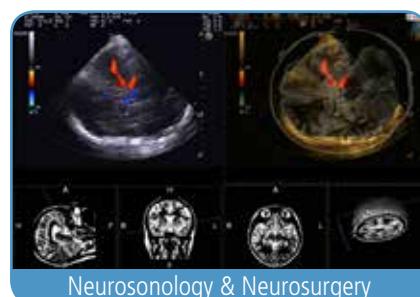
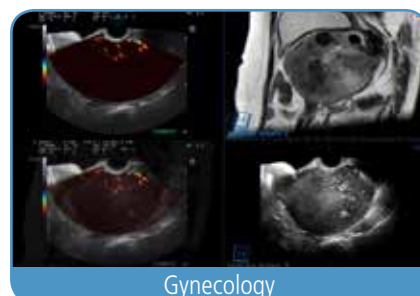
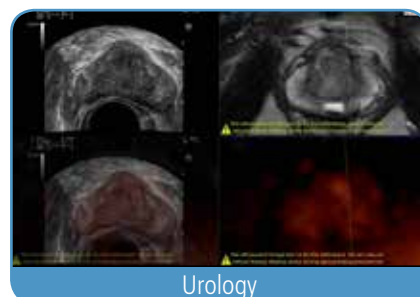
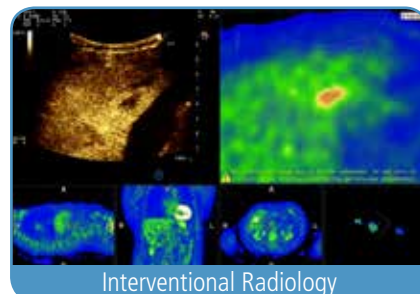
Therapy and Surgery

Virtual Navigator aims to support interventional procedures including lesion marking with Automatic registration. This will safely guide you in minimally invasive applications and percutaneous procedures, such as injections, drainages, ablations, resections, conventional surgery and more!



- Semiautomatic delineation of lesion margins
- Computed calculation of lesion volume
- Definition of expected necrotic ellipse
- Needle tracking capabilities
- Dedicate environment to assist you in cryotherapy, radiofrequency, microwaves and laser ablations

Clinical Applications



Thank you for considering Esaote. We listen to your needs and work every day to provide the most advanced technologies and the most innovative design for you to excel in patient care.

Technology and features are system/configuration dependent. Specifications subject to change without notice. Information might refer to products or modalities not yet approved in all countries. Product images are for illustrative purposes only. For further details, please contact your Esaote sales representative.

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