

Fusion Imaging made Fast, Safe, Easy



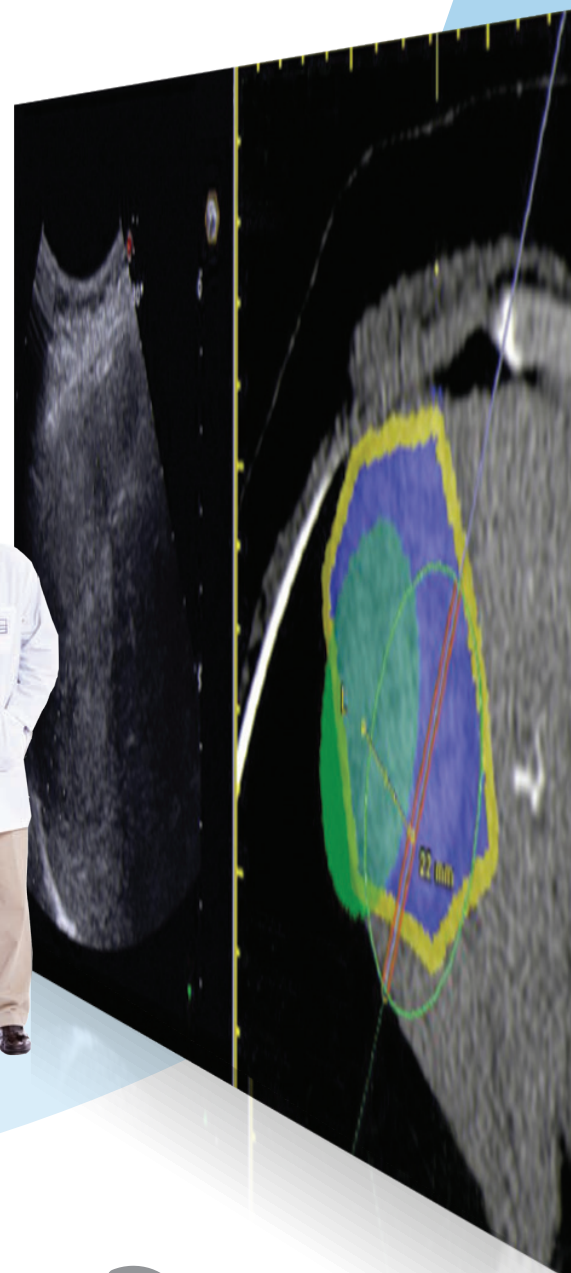
The Virtual Navigator advanced system allows the real-time visualization of Ultrasound Images with other reference imaging modalities (CT, MR, PET, etc.). The combination has, as final result, the real-time data fusion which allows to increase accuracy and confidence of ultrasound scanning, by overlaying the different images or visualizing them side by side. Virtual Navigator also represents a reliable support in difficult-to-scan patients diagnosis and interventional procedures monitoring. Thanks to the latest developments, 3D Ultrasound volumes can be used as reference for treatment monitoring and follow-up.

Features and Characteristics

- Real time Fusion of Ultrasound and other modalities
- Support to difficult-to scan patients imaging
- Increased Diagnostic Confidence
- Support to Biopsy Guidance
- Support to Treatment Guidance and Monitoring

Applications

- Teaching
- Interventional planning
- Interventional procedures in:
Abdominal, Prostate, Vascular,
Musculoskeletal

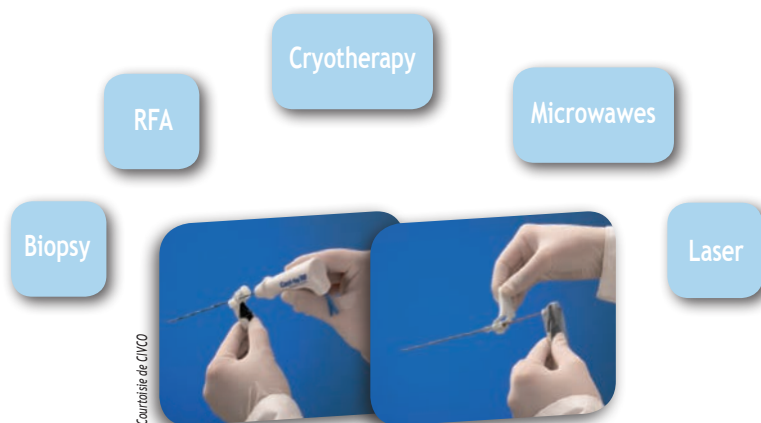


Your best assistant Any treatment, any time

Virtual Navigator Advanced Image Fusion System is the best assistant to physicians during any phase of the interventional procedures. The possibility of combining Ultrasound images with secondary imaging modalities increases the reliability of the diagnostic process. In addition, Virtual Navigator provides reliable pre and intro-procedural planning and virtual tracking of different treatment modalities probe. Virtual Navigator allows to combine even advanced Ultrasound Technologies, such as CEUS (Contrast Enhanced Ultrasound) and CFM, during the treatment. This allows to immediately compare the pre-treatment and post-treatment clinical situation and better plan the future disease management.

Reaching the target is as 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.



Diagnosis

Fusion of CT and PET data

Fusion of Volumetric Ultrasound and MRI data

Treatment

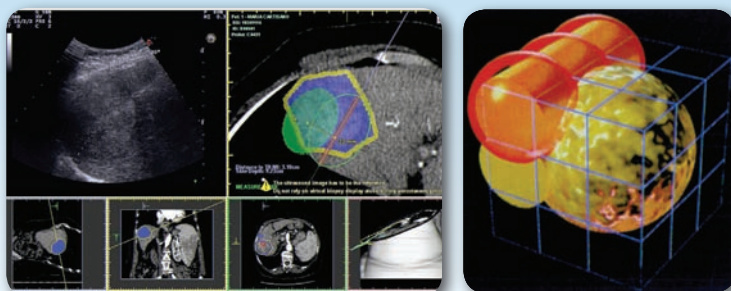
Fusion of Ultrasound and Volumetric contrast enhanced Ultrasound data

Follow-up

Fusion of Volumetric contrast enhanced Ultrasound data (pre-post ablation treatment)

165003900 (MA Rev.1)

Plan your treatment in advance



Planning of different needle insertions in a large liver lesion

In case of large lesions to be treated, Virtual Navigator allows the physicians to plan the number of insertions and the best access to achieve complete local control.

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Virtual navigator is not available for sales in the USA.

CEUS in the USA is limited to left ventricle opacification and visualization of the left ventricle endocardial border.