

Esaote Receives FDA Clearance for Virtual Navigator Ultrasound Fusion Imaging

INDIANAPOLIS, May 12, 2014 – Esaote North America announced today that it has received FDA clearance to market and sell its Virtual Navigator fusion imaging technology for ultrasound.

Virtual Navigator provides the ability to fuse **real-time ultrasound images** with MR, CT, PET, or 3D Ultrasound. Particularly useful for liver and other abdominal interventions, Virtual Navigator can also be used for gynecologic, musculoskeletal, obstetric, urologic, peripheral vascular and transcranial radiologic exams.

In use throughout Europe since 2002, Virtual Navigator is designed for easy integration into daily clinical practice and is available in the U.S. with a fully realized and robust feature set, including:

- **Fast Image Registration**, using either single reference point or anatomical marker techniques
- **Intelligent Positioning**, which acts like a GPS system to track movement of the probe as it is guided to the clinical target
- **Virtual Biopsy**, which superimposes needle tracking on real-time images to help the operator during complex interventional procedures
- **Motion Sensor Technology**, which automatically compensates for patient movement as it maintains image registration

“**Virtual Navigator makes interventional procedures easier and safer,**” said Brian Murphy, Esaote’s vice president of ultrasound marketing and sales. “Available in basic, advanced, and extended versions, Virtual Navigator is a **configurable and upgradable** solution that enables institutions to purchase the capabilities they need today and upgrade as needs change in the future.”

Currently cleared for use with **Esaote’s MyLab® Twice** system, the Virtual Navigator software option is intended to support a clinical radiological ultrasound exam and follow a percutaneous procedure by providing additional information from a second imaging modality.

Virtual Navigator works with a wide selection of transducers and is an example of the innovative clinical solutions from prevention to therapy available from Esaote.

About Esaote North America, Inc.

[Esaote North America](#), headquartered in Indianapolis, Indiana, is a leading provider of **multi-disciplinary ultrasound and musculoskeletal MRI** systems in the U.S. Established in 1979, Esaote North America is part of Esaote Group, a global leader in the research, production and marketing of diagnostic medical equipment. Esaote is among the **largest manufacturers of ultrasound systems worldwide** and prides itself on achieving **superior price-performance** over competitors through its focus on only ultrasound and musculoskeletal MRI. For more information, visit www.esaoteusa.com.

MyLab is a registered trademark of Esaote S.p.A.

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