Robotic Navigation System

NIOBE™ ES by STEREOTAXIS

NIOBE™ ES

The new Niobe™ ES advances catheter control to a new level. It is designed to dramatically improve catheter speed, provide responsive real-time control and offer new computer-assisted catheter movements that allow you to master difficult techniques with the click of a mouse. Niobe™ ES is expected to be a breakthrough in the advancement of patient care.

RESPONSIVE REAL-TIME CONTROL

Niobe™ ES is expected to reach beyond current robotic platforms, providing intuitive and dynamic catheter control with Continuous Motion. This unique technology is designed to provide clinicians with faster tools for use in navigation and ablation procedures with fluid motion control and efficient FAM mapping.

The Niobe™ ES system utilizes two permanent magnets mounted on either side of the patient table. These magnets generate magnetic navigation fields that are less than 10% of the strength of fields typically generated by MRI equipment. Over 20 years of experience with MRI magnetic fields has proven routine use of magnetic technology to be safe for patients.

EASE OF USE

Combine your clinical experience and knowledge with this unique technology, engineered to precisely guide the catheter and potentially deliver better patient outcomes. The new Niobe™ ES continues to provide the precision and risk reduction you've come to expect from Stereotaxis.

The objective is to provide a simpler learning curve when compared to utilization of Niobe™ II. Niobe™ ES is engineered for enhanced treatment of your patients. With a new user friendly interface, it's almost as if you have the catheter in your hands.

Because the working tip of the disposable interventional device is directly controlled by these external magnetic fields, the physician has the same degree of control regardless of the distance traveled or the type and number of turns made by the working tip. This results in highly precise digital control of the working tip of the disposable interventional device.

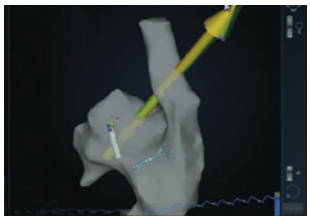
KEY FEATURES

- Fast 125 ms response to navigator commands.[1]
- Responsive real-time control of the catheter – where you need it, when you need it.
- New automations from our most advanced users will potentially make difficult techniques simpler.

1. Stereotaxis, Inc., Data On File.

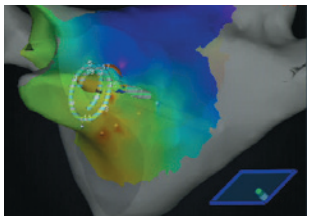
IMPROVE NAVIGATION EFFICIENCY AND PERFORMANCE

Niobe™ ES incorporates a broad suite of clinical software applications and integration modules to improve navigator efficiency and performance. A few of these features are shown below:



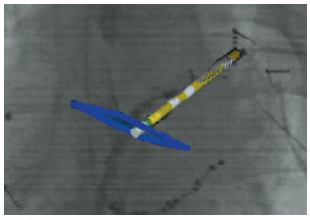
Contact Tracing

Have confidence that you have optimal tissue contact with continuous data in a trace display.



Electrogram Targeting

Navigate directly to diagnostic electrodes to simplify the process of navigating to potentials of interest.



Access Protection

Prevent inadvertent catheter retraction beyond a specified point of access.

"THE EPOCH PLATFORM IS A SIGNIFICANT STEP FORWARD IN ROBOTIC NAVIGATION, COMBINING THE SAFETY OF MAGNETIC NAVIGATION WITH THE SPEED AND RESPONSIVENESS OF A NEXT GENERATION SYSTEM."

Aneesh Tolat, MD,
Electrophysiologist, St. Francis Hospital and Medical Center
Hartford, CT

STEREOTAXIS' UNIQUE PROPRIETARY PRODUCTS INCLUDE:

Stereotaxis Niobe™ ES Robotic Navigation System

CARDIODRIVE™ Catheter Advancement System

Odyssey™ Solution

Titan™ and Pegasus™ Coronary Guidewires

Biosence Webster's Celsius® RMT and NaviStar® RMT diagnostic and ablation catheters, co-developed with Stereotaxis.

For more information,
please contact your Stereotaxis sales representative
or visit us at www.ExperienceNiobe.com.

STEREOTAXIS

Improving Life with Robotic Precision and Safety

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NIOBE™ ES

Niobe™ ES is one component of the EPOCH™ platform.
For more information on the comprehensive solution for any electrophysiology lab, visit www.stereotaxis.com.
Be EPOCH™

PRO-564 Rev A Effective Date: 12-12-11