STEREOTAXIS

ROBOTIC EP SYSTEMS

GENESIS RMN

ROBOTIC MAGNETIC NAVIGATION

Stereotaxis launched the first Robotic Magnetic Navigation (RMN) system in 2003. Since that time, more than 120,000 patients have benefitted from the safety and precision that RMN can provide.

The Robotic Magnetic Navigation system consists of two robotically-controlled magnets next to the patient table. The physician is seated in the control room and uses a computer interface to adjust the magnetic field around the patient.

By using magnets, the need for stiff pull-wires in the catheter is eliminated. This allows for a soft catheter that is not only safe, but highly maneuverable. It also enables the physician to reach areas of the heart that can be difficult or even impossible to access with other technologies.

The intrinsic safety of RMN gives physicians confidence to depend less on x-ray leading to less radiation exposure for patients.

The data summarized here includes all known data from all known publications describing

72%

Fewer Major Complications

6-8%

Improved ST & LT Efficacy

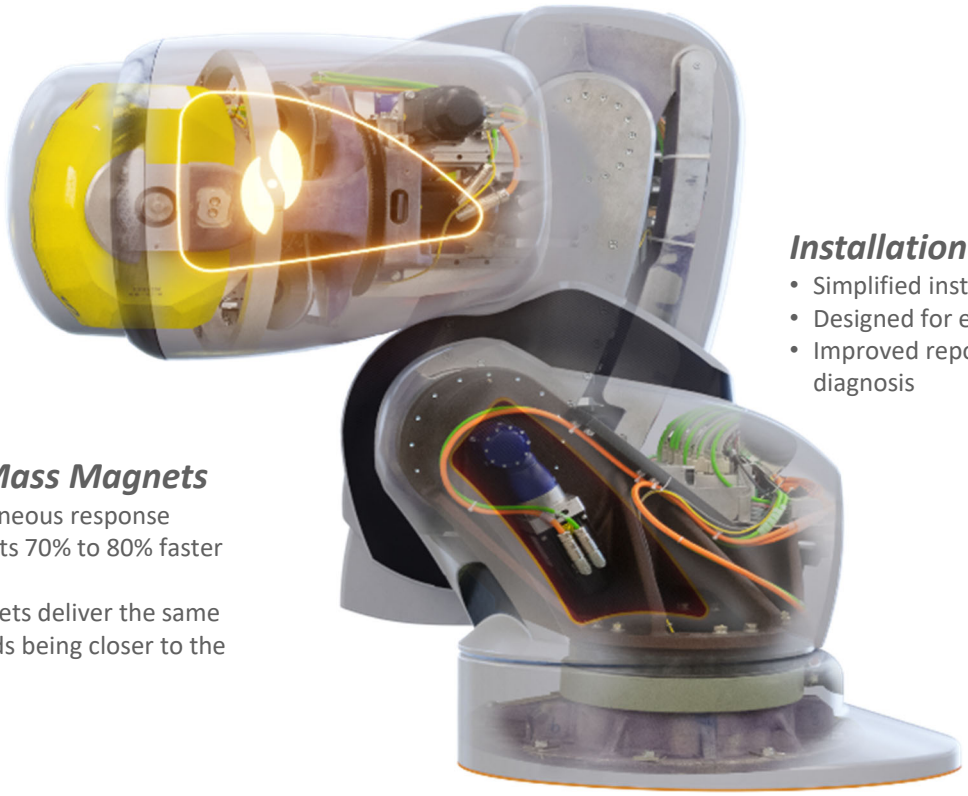
36%

Less Radiation Exposure

See Stereotaxis website for full detail and citations.

GENESIS RMN
ROBOTIC MAGNETIC NAVIGATION

Innovative Design
- Flexible arm offers greater range of motion
- Smaller size offers improved patient access
- Functional lighting provides system status information



Installation & Support
- Simplified installation
- Designed for easy serviceability
- Improved reporting for remote diagnosis

Center of Mass Magnets
- Near instantaneous response
- Achieve targets 70% to 80% faster than Niobe
- Smaller magnets deliver the same magnetic fields being closer to the patient

Genesis is a leap forward in Robotic Magnetic Navigation (RMN) technology and represents the future of robotics in electrophysiology. We have completely redesigned the magnets and the way they are manipulated, providing patients, physicians and hospitals with the differentiated benefits of RMN in an architecture that is smaller, lighter, faster, and more flexible than previous generations.

The Genesis RMN® System utilizes smaller magnets that rotate along their center of mass. This allows for unprecedented responsiveness to physician control. Across a broad range of navigational routines, the Genesis System is 70% to 80% faster than Niobe.[1]

The entire System is significantly smaller and designed to improve the patient experience while on the operating table, provide physicians and nurses with greater access to the patient during the procedure, and increase space in the labs for an enhanced work environment.

Across all aspects of the System, we have incorporated modern technology to support our overarching effort of improving performance, reliability and size.

Genesis increases the capability of EP labs without limiting the capacity to perform other EP procedures.

1. Data on file at Stereotaxis

ODYSSEY

Clinical Benefits

- Improve workflow by standardizing your labs
- Focus on patient care with integrated procedure data
- Optimize efficiency by operating labs as one system

Key Features

- 8MP Diagnostic Clinical Display
- 58” QuadHD 8MP (3840x2160 Resolution)
- Supports up to 16 digital fiber optic input channels
- Tableside LCD touchscreen

Seamless Layout Setup

- Size, position, add, remove, overlay input windows
- Unlimited user defined layouts stored per physician
- Dynamically change user layouts or toggle through physician presets
- Simultaneously display video from all integrated systems
- Maintains native video's aspect ratio throughout layout changes
- Unprecedented system uptime via the Stereotaxis TeleRobotic Support Center

The Odyssey Solution goes beyond a simple one-system control station by offering a cockpit approach to cardiac ablation. Odyssey provides a unique large display solution including a patented, seamless mouse and keyboard feature to operate the entire lab as one system.

A key benefit of RMN is the ability to provide a safe and comfortable environment for doctors to perform their procedures seated, unscrubbed, and outside the radiation field.

The benefits of Odyssey are integrated with RMN but are available to improve the workflow of your other labs as well.

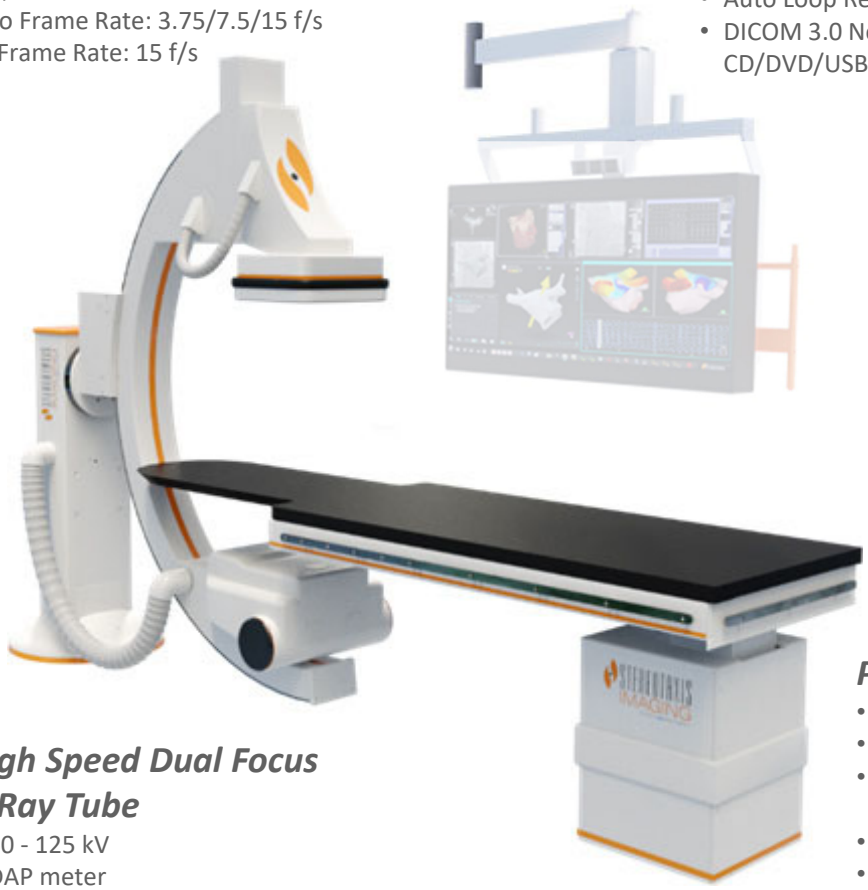
STEREOTAXIS IMAGING
Model S Powered by OMEGA MEDICAL IMAGING

CMOS Flat Panel Detector

- Detector size 30 cm x 30 cm (11.8” x 11.8”)
- Fluoro Frame Rate: 3.75/7.5/15 f/s
- Cine Frame Rate: 15 f/s

High Resolution Image Processor

- Modes of Operation: Fluoro, Fluoro Loop, Cine
- Auto Calibration
- Auto Loop Replay & Last Image Hold
- DICOM 3.0 Network Interface and CD/DVD/USB Recording



High Speed Dual Focus X-Ray Tube

- 60 - 125 kV
- DAP meter
- Air cooling

Powered Table

- Full Panning & Elevation Control
- Rotation ± 90 dec
- Length/Width: 264 cm/69 cm (104”/27“)
- 450 lb. Weight Capacity
- Table Height: 86–104 cm (34–41“)
- Carbon Fiber Tabletop

Stereotaxis Imaging Model S is an advanced x-ray system specifically designed for electrophysiology, tightly integrated with the Genesis Robotic Magnetic Navigation System and compatible with Niobe. Stereotaxis Imaging incorporates modern flat panel detector technology to support radiation reduction and clear image quality. It includes a broad range of features, including beam collimation, adjustable frame rates, variable SID and more to further support radiation reduction and clear image quality.

Stereotaxis Imaging is offered in combination with RMN to reduce the cost of acquisition, the ongoing cost of ownership, and the complexity of installation of a robotics electrophysiology practice. With a single source for all services – architectural planning, installation, and ongoing servicing and maintenance of the technology – we can offer hospitals and physicians a more efficient, pleasant and cost-effective solution.

THE LAB

STEREOTAXIS IS COMMITTED TO AN OPEN ECOSYSTEM WHERE

THE BENEFITS OF ROBOTIC EP CAN BE PAIRED BROADLY WITH OTHER TECHNOLOGIES

OPEN ECOSYSTEMS BENEFIT PATIENTS, PHYSICIANS, PROVIDERS, AND TECHNOLOGICAL PROGRESS

STEREOTAXIS
Pioneering Endovascular Robotics

710 N. Tucker Blvd. Suite 110
St. Louis, MO 63101
United States

Zaanweg 67 i
1521 DM Wormerveer
The Netherlands