

Breakthrough in Robotic Diagnostic Device Navigation

Vdrive™ by STEREOTAXIS

VDRIVE™



The Vdrive™ robotic platform reaches further into the evolution of robotic navigation technologies than any platform before it. More than a robotic catheter manipulator, the Vdrive™ platform and Niobe™ ES provide independent remote manipulation of diagnostic catheters and magnetic ablation catheters in a single interface.

The VDrive™ robotic platform provides breakthrough navigation and stability for diagnostic and ablation devices designed with key features to assist in the delivery of better ablations.

KEY FEATURES

- Complements the Niobe™ ES control of catheters for fully remote procedures.
- Enables fully remote, single-operator workflow.
- Provides robotic control of diagnostic devices independent of magnetic navigation.



VDRIVE™ PRODUCT FAMILY



VDRIVE DUO™

The Vdrive Duo™ platform allows control of the V-Loop™ and either V-CAS™ or V-CAS™ Deflect in the same procedure, with a single user interface.



V-CAS™

Catheter Advancement System that controls both the magnetic catheter body and a standard fixed-curve sheath.

- Advance and retract the magnetic catheter body.
- Advance, retract and rotate a standard fixed-curve sheath.
- Sheath control reduces the need for the operator at the bedside.
- Perform standard sheath techniques from the control room to adjust the approach angle and catheter support.



V-LOOP™

Allows the user complete control of Biosense Webster's LASSO®2515 Circular Mapping Catheter and LASSO®2515 NAV Catheter. Advance, retract, rotate, deflect and adjust loop radius – all without leaving the control room.

- Provides stability of catheter at any location, not just within the pulmonary veins.
- Facilitates procedure efficiency and flexibility through freedom to move the circular catheter.
- Eliminates the need to rescrub for catheter repositioning.
- Reduces need for operator at bedside, resulting in lab efficiency and reduced radiation exposure to staff.

V-CAS™ DEFLECT

Versatility defined. Fully Integrated Catheter Advancement System with a robotic deflectable sheath for maximum integration and versatility.

- Advance and retract the magnetic catheter body.
- Advance, retract and rotate the sheath.
- Deflect the sheath at angles up to 270°.
- Integrated electrodes on the sheath are designed for mapping system display.
- Software controls keep the magnetic Gentle-Touch catheter extended beyond the sheath to control force.
- Sheath control reduces the need for the operator at the bedside.
- Perform standard sheath techniques from the control room to adjust the approach angle and catheter support.



“I AM SURE THAT I CAN GIVE BETTER SUPPORT TO THE CATHETER, AND MY IMPRESSION IS THAT I CAN DELIVER BETTER ABLATIONS IN DIFFICULT LOCATIONS.”



Dr. Tamas Szili-Torok
Erasmus Medical Center, Rotterdam, The Netherlands

For more information,
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*The Vdrive™ robotic platform is one component
of the EPOCH™ platform. For more information on the
comprehensive solution for any electrophysiology lab,
visit www.EpochExperience.com.*

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