

# Precision, Efficiency & Radiation Reduction

---

REMOTE ROBOTIC NAVIGATION *by* STEREOTAXIS



REMOTE ROBOTIC NAVIGATION

.....  
What do you believe is the future of patient care? The Stereotaxis EPOCH™ platform for remote robotic navigation allows electrophysiologists to enhance patient care by reaching further.  
.....

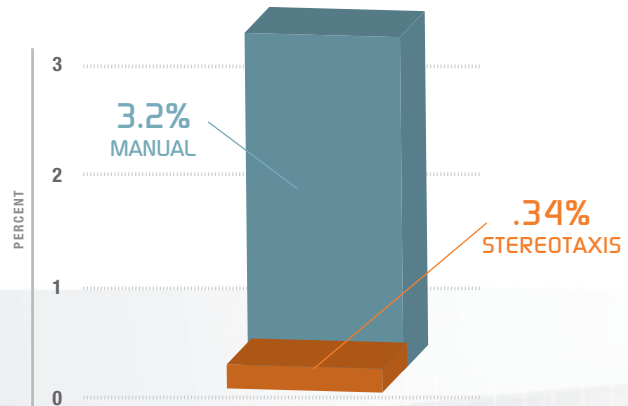
## BETTER OUTCOMES

Radiofrequency catheter ablation remains challenging for certain types of arrhythmias. Peer reviewed studies suggest better acute and chronic outcomes may be possible in a general VT population when the procedure is completed with Stereotaxis. The study proposes that Stereotaxis may present major advantages over manual techniques for VT ablation because it has the potential to result in higher acute and long-term success rates as well as reduced procedure times, fluoroscopy times and complications.<sup>1</sup>

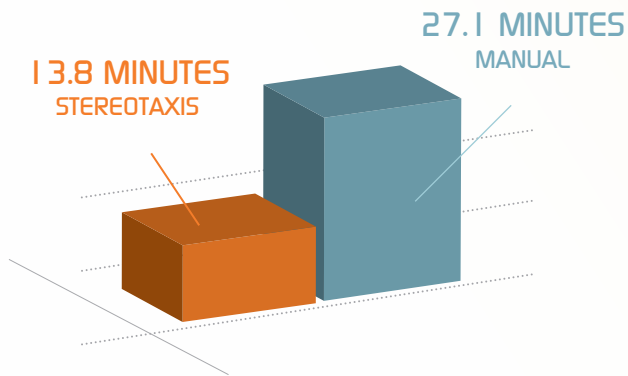
## REPUTATION IS YOUR GREATEST ASSET

When patients make their healthcare decisions, safety is their top priority for choosing a provider. With Stereotaxis robotic technology, the potential for life-threatening major adverse cardiac events has been extremely low, with a reported rate of less than 0.1%.<sup>2</sup> Published studies<sup>3</sup> suggest a statistically significant reduction in the incidence of adverse events like perforations and tamponades compared to manual ablations. Neither your reputation nor your hospital's finances can afford the costs of an avoidable adverse event.

## MAJOR COMPLICATIONS : ALL CASES<sup>3</sup>



## REDUCED FLUOROSCOPY TIME IN SVT ABLATIONS



When considering the future of healthcare and the safety of your patients, clinical and regulatory interest exists in reducing exposure to damaging ionizing radiation to physicians and staff. Stereotaxis has been demonstrated to dramatically reduce exposure to ionizing radiation while delivering solid patient outcomes.<sup>4</sup>

## ROBOTIC ABLATION IS READY FOR EVERYDAY USE

When it comes to adopting breakthrough technology for your practice or facility, the most important question is often not whether to adopt, but when to adopt. The volume of robotic ablations occurring globally reflects an increasing recognition in the importance of robotic technology in electrophysiology. Complex procedures performed using equipment from Stereotaxis have grown over 20% per year over the past two years, dramatically outpacing the market for all ablations.

## LOWER RADIATION EXPOSURE BY DESIGN

Cardiologists who perform interventions using fluoroscopy-guided catheters are exposed to ionizing radiation at levels two to three times higher per year than those experienced by radiologists. This can be equivalent to undergoing 250 chest x-rays every year. The need for radiation reducing technologies to protect busy interventionalists is clear.<sup>5</sup>

Data from a Stereotaxis clinical trial demonstrates a potential reduction in exposure for patients undergoing robotic ablation for supraventricular tachycardia in a prospective randomized trial. Extrapolating these data over a physician's career suggests a reduction in personal radiation exposure is possible by adopting remote robotic navigation.<sup>6</sup>

1. Schwagten, et al. *Eur Heart J* 2010;31(Abtract Supplement):932.
2. Stereotaxis, Inc., Data On File.
3. Bauernfeind, et al. *Europace* 2011 Jul;13(7):1015-21.
4. Augello, et al. *Heart Rhythm* 2009;6(12):1706-1713.
5. Russo, et al. *Eur Heart J* 2011 Aug 23. [Epub ahead of print]
6. Wood, et al. *PACE* 2008;33(10):1313-1321.

**“STEREOTAXIS INCREASES MY PROBABILITY OF SUCCESS AND ALLOWS ME TO FINE TUNE MOVEMENTS OF MY CATHETER. IT ALLOWS ME TO STORE CATHETER POSITIONS TO QUICKLY AND PRECISELY RETURN BACK TO AN AREA OF INTEREST. STEREOTAXIS CONTRIBUTED TO A DECREASE IN PROCEDURAL TIME AND FLUOROSCOPY TIME FOR MY CASES. MY PRACTICE IS FOCUSED ON CARING FOR CHILDREN, AND I PREFER TO USE STEREOTAXIS FOR MY RF ABLATIONS.”**



*Jeanny Park, M.D.*  
Electrophysiologist  
U C Davis Children's Hospital, Sacramento, CA



For more information, please contact your  
Stereotaxis sales representative or visit us at  
[www.ExperienceStereotaxis.com](http://www.ExperienceStereotaxis.com).



Global Headquarters  
4320 Forest Park Avenue, Suite 100, St. Louis, MO 63108  
[www.stereotaxis.com](http://www.stereotaxis.com)

## EPOCH™

The EPOCH™ platform for remote robotic navigation is comprised of multiple specialized components. For information on the comprehensive solution for any electrophysiology lab, visit [www.stereotaxis.com](http://www.stereotaxis.com).

Be EPOCH™

EPOCH™, Niobe™ and Odyssey™ are trademarks of Stereotaxis, Inc.  
All other trademarks are the property of their respective owners.

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

