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CONTACTS: Joe Kelley, Manager, Media Relations
(513) 569-6703/office, (513) 509-8466/cell
joe_kelley@trihealth.com

Good Samaritan Hospital First in Cincinnati to Offer New, Robotic Treatment Option for Vascular Disease

Cincinnati, OH (February 9, 2015) – TriHealth’s Good Samaritan Hospital is the first hospital in Cincinnati to utilize the groundbreaking Magellan Robotic System. The Magellan Robotic System, designed to perform a myriad of minimally invasive endovascular procedures, has been in use at Good Samaritan since late November.

Overall, Good Samaritan Hospital has completed nine vascular surgeries since acquiring the technology in late November, 2014, including minimally-invasive, Magellan robotic procedures to treat vascular disease in the aorta, carotid arteries, hepatic arteries and peripheral artery disease (PAD) of the lower extremities.

“This technology will grant an unprecedented level of precision to Good Samaritan vascular surgeons navigating the extremely complex anatomy of peripheral blood vessels,” said Dr. Patrick Muck, Chief of Surgery at Good Samaritan. “This system builds upon Good Samaritan’s long standing expertise in surgical robotics and enables the hospital to offer the broadest set of options with cutting-edge technologies for treatment of patients with vascular disease using the most innovative technology available.”

The Magellan Robotic System is able to robotically shape catheters during an endovascular procedure, so that a single catheter may be used instead of exchanging for various pre-shaped catheters during the procedure. Magellan Robotic Catheters can rotate 360 degrees, and bend 180 degrees in any direction. This may lead to fewer catheter exchanges during the procedure, more predictable procedure times, and may help facilitate navigation through very complex anatomy, potentially leading to less radiation and contrast exposure for the physician, and making the procedural outcomes more predictable for the patient.

The Magellan Robotic System received FDA 510(k) clearance for navigation to anatomical targets in the peripheral vasculature in 2012. Since then, Magellan has been used worldwide in a wide variety of endovascular procedures, and offers physicians robotic catheter control and stability during complex procedures in the peripheral blood vessels (blood vessels outside the brain and heart).

Magellan allows doctors more control and precision while navigating catheters through small blood vessels in complex vascular procedures. This may help improve procedural success rates and enables more patients to be treated by less invasive endovascular methods rather than open surgery.

The Good Samaritan Hospital Foundation was able to secure \$475,000 of the price tag for the robot through generous philanthropic gifts from Lair and Anna Kennedy; James and Darla Wainscott; Dr. and Mrs. Ranjit Rath, and Mr. and Mrs. Thomas R. Ruthman, all of Cincinnati. Several other gifts made to the Foundation helped make the purchase for the hospital more feasible.

More about TriHealth

TriHealth is hospitals, physicians and the community working together to help people live better. We provide clinical, educational, preventive and social programs through Bethesda North, Bethesda Butler, TriHealth Evendale and Good Samaritan hospitals and more than 130 other locations throughout Greater Cincinnati. This includes an ambulatory network, physician practices, research division, employer-based health services, hospice care, and fitness and health facilities. Learn more at trihealth.com, [Facebook.com/TriHealth](https://www.facebook.com/TriHealth), @TriHealth on Twitter, [Pinterest.com/TriHealth](https://www.pinterest.com/TriHealth) and at [YouTube.com/TriHealth](https://www.youtube.com/TriHealth).