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**Corindus Vascular Robotics Launches “CorPath® One Stent Program” for Hospital Cardiac Cath Labs**

*Financial credit provided if second stent is required in a CorPath robotic-assisted angioplasty*

**Waltham, MA – October 30, 2013** – [Corindus Vascular Robotics](#), a leading provider of precision medical robotics, today announced the launch of its CorPath One Stent Program. The goal of the program is to raise awareness of the potential to decrease longitudinal geographic miss (LGM) caused by sub-optimal stent placement, as well as the patient safety and financial benefits that can result from using the CorPath Vascular Robotic System to place just one stent per lesion in coronary angioplasty procedures. Corindus is offering a \$1,000 credit to hospitals that use two or more stents per lesion in qualifying coronary angioplasties performed with the CorPath System.

“No matter how good we are as physicians, we are still human and imprecision in stent placement or stent size selection can occur,” said Dr. Ronald Caputo, Director of Cardiac Services and Cardiology Research at St. Joseph’s Hospital in Syracuse, NY, current CorPath user and participant in the CorPath PRECISE trial conducted in 2011. “Introducing CorPath into our cath lab has provided substantial benefits to both physicians and patients in terms of our ability to more accurately select the stent size and enhance dexterity in delivering it to a precise location. Ultimately, these capabilities may result in improved outcomes for the patient and an enhanced PCI procedure for the physician.”

Up to 47 percent of stents are not optimally positioned<sup>1</sup>; in an attempt to avoid inferior clinical outcomes due to LGM, the CorPath System was designed to bring robotic precision to coronary angioplasty procedures and stent positioning.

“Although manual PCIs are widely accepted in cath labs across the country, robotic-assisted PCIs could provide some notable advantages over the current care paradigm,” notes Frost & Sullivan Medical Device Analyst Venkat Rajan. “As seen in other procedures, the introduction of robotic-assisted systems has often afforded specialists unparalleled control and precision when attempting critical life-saving procedures.”

PCI procedures performed in the U.S. use more than 1.2 stents per lesion, according to the national average<sup>2</sup>; additional stenting can be caused by a number of factors, including challenges in visualizing the lesion, improper stent selection due to inaccurate lesion length assessment and misplacement of the stent during device delivery. In cases where more than one stent is used, the hospital’s procedure profitability is reduced substantially.

“The CorPath One Stent Program is evidence that Corindus stands behind their product and its potential to avoid excess stenting and provide significant financial and safety benefits to the hospital and the patient,” said John Cannizzaro, Cardiovascular Service Line Administrator at St. Joseph’s Hospital.

The CorPath System is the first and only FDA-cleared technology that enables precise, robotic-assisted angioplasties to open arteries and restore blood flow in patients with coronary artery disease. During a CorPath angioplasty procedure, the interventional cardiologist sits in the radiation shielded interventional cockpit. Using robotic precision, the interventional cardiologist advances stents and guidewires via a joystick with millimeter by millimeter precision. CorPath may improve clinical outcomes by enabling precise measurement of the anatomy, which could potentially lead to better stent placements.

“Corindus is committed to improving procedural safety and efficiency for the clinician and the patient,” said David Handler, President and CEO of Corindus Vascular Robotics. “We are so confident that the CorPath System can provide both patient safety and financial benefits to hospital cardiac cath labs that we are willing to put our money behind our technology to position the right stent in the right place. That is the promise of the CorPath One Stent Program.”

Demonstrations of the CorPath System will take place at the Corindus booth (#1117) at the TCT (Transcatheter Cardiovascular Therapeutics) Annual Conference, Oct. 27 – Nov. 1, in San Francisco, Calif. To learn more about the CorPath One Stent Program, please visit [www.corindus.com/onestent](http://www.corindus.com/onestent).

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### **About Corindus Vascular Robotics**

Corindus Vascular Robotics is the global technology leader in robotic-assisted percutaneous coronary interventions (PCIs). The company’s FDA-cleared CorPath® 200 System is the first medical device that offers interventional cardiologists PCI procedure control from an interventional cockpit. With the CorPath System, Corindus brings robotic precision to PCI procedures to help optimize clinical outcomes and minimize the costs associated with complications through improper stent placement. Corindus stands behind its technology with a “One Stent Promise,” offering a \$1,000 credit to hospitals that use two or more stents per lesion in PCI procedures performed with the CorPath System. For additional information, visit [www.corindus.com](http://www.corindus.com).

1 “Impact of stent deployment procedural factors on long-term effectiveness and safety of sirolimus-eluting stents (final results of the multicenter prospective STLLR trial),” Costa, MA. Am J Cardiol. 2008 Jun 15;101(12):1704-11. Epub 2008 Apr 9.

2 “Keys to successful health care reform,” Goodroe Healthcare Solutions, 2009.

## STENT PLACEMENT: BY THE NUMBERS PRECISION MATTERS

### Current Challenges with Stent Placement



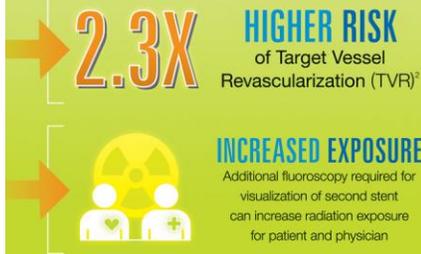
### PROCEDURAL CHALLENGES

that lead to sub-optimal stent positioning include:

- ✗ Difficulty visualizing and measuring the lesion length
- ✗ Accuracy of stent placement
- ✗ Guidewire and stent stability during deployment

### Impact of Sub-Optimal Stent Positioning

#### CLINICAL IMPACT



#### ECONOMIC IMPACT



### The Importance of Precision

## ROBOTIC PRECISION

can minimize use of a second stent



One millimeter advancement



Sub-millimeter measurement



Clear & focused visualization



Device Fixation

The PRECISE trial<sup>5</sup> demonstrated **9%** fewer stents required per lesion<sup>6</sup>