



Jill Fuller, Communications Director

[Corazon, Inc.](#)

5000 McKnight Road, Suite 300

Pittsburgh, PA 15237

(412) 364-8200

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Duke University Implementing CEREBROS™ as Part of the “IMPROVE Stroke Care” to Measure Efficiencies and Outcomes

Pittsburgh, PA. – Corazon, Inc., the national leader in total program solutions for the cardiovascular, neuroscience, and orthopedics specialties, today announced its participation in a new research study with the **Duke Clinical Research Institute** (DCRI) in Durham, NC. Drs. Brad Kolls, MD, PhD and Carmen Graffagnino, MD are the principal investigators for **IMPROVE Stroke Care**, a program for the DCRI that will develop a regional integrated stroke system to identify, classify, and treat patients rapidly and effectively. [CEREBROS™](#), **Corazon’s Neurovascular Information System (NVIS)**, will be used as part of this study to collect, summarize, and analyze information related to “hub” and “spoke” stroke programs across the region.

As the first NVIS designed for stroke programs, CEREBROS™ revolutionizes the way patient care is delivered before, during, and after a stroke to ultimately save lives while also creating hospital and service line efficiencies. Over the next several months, the clinical and administrative teams at DCRI will collaborate with the Corazon team to implement a customized version of CEREBROS™ at each site to track key information related to the study, with the goal of enhancing patient care and outcomes.

When live, the system will positively impact the thousands of annual stroke patients treated throughout the participating hospitals, health systems, and networks of care, which range from local community hospitals to large and nationally-known centers. The overall goal of implementing CEREBROS™ as part of this groundbreaking clinical study is to develop a network of stroke centers and other hospitals as a means to **identify best practices and integrate state-of-the-art-technologies into regional systems of stroke care.**

Part of IMPROVE Stroke Care is to use novel data capture technologies to drive real time practice improvement. Built by the Corazon team of neuroscience experts in program development, CEREBROS™ functionality is based on real-world experience. Early adopters of Corazon’s CEREBROS™ have experienced a real and measurable impact program-wide – clinically, operationally, and financially – through the system that directs care along a continuum for consistently achieving best-practice.

According to Dr. Brad Kolls, “We are thrilled that Corazon has agreed to collaborate with us for this innovative approach to changing the way we measure the quality of healthcare delivery. Current approaches to data collection around care delivery are slow and lag weeks to months behind the time of care delivery. We are not only trying to accelerate and automate the collection of information about care delivery, but also tie together the providers involved and facilitate communication and care delivery efficiency. Corazon and CEREBROS™ will play a key role in helping us validate this new approach to data capture and sharing.”

“Our team is eager to kick off this important study, which aligns so closely with our passion for improving stroke care and outcomes,” said Karen Hartman, President and CEO of Corazon. “This initiative represents an opportunity to further support our understanding of best practice stroke care to have a real world impact on how hospitals are able to provide this vital service and, most importantly, **continue to save patients’ lives.**”

CEREBROS™ was recognized as one of four finalists for cutting-edge solutions to improve healthcare during Cleveland Clinic’s 2016 *IT Challenge* at the Cleveland Clinic Innovations Medical Summit. This annual event brings together stakeholders in healthcare to advance the conversation of medical innovation and a commitment to quality. In this time of reform and restructuring, Cleveland Clinic believes the companies included in the *IT Challenge* featuring new ideas generated by thought leaders in the industry can keep innovation as a core concept in healthcare. CEREBROS™ continues to add functionality to the system while participating in initiatives, such as the IMPROVE Stroke Care study, to advance the care of all stroke patients.

About Corazon and CEREBROS™

Corazon is a national leader in Consulting, Recruitment, Interim Management, IT Solutions, and Accreditation for the Cardiac, Vascular, Stroke, Neuroscience, Spine, and Orthopedic specialties. Corazon leveraged this expertise in developing the CEREBROS™ Neurovascular Information System. It allows for the capture of data elements necessary for program management and therefore fulfills certification needs. This data is available for robust, real-time report generation, including the ability to upload information to the Get with the Guidelines (GWTG) stroke data registry, Coverdell, and any upload defined. CEREBROS™ is also able to integrate with a hospital’s electronic health record (EHR) for automatic sharing of information, eliminating the significant time spent on double entry. CEREBROS™ is changing the way hospitals deliver care to the full continuum of stroke patients and their ability to use data in driving best practice and efficiency.

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