Boston Scientific

Study Of Boston Scientific Latitude™ Remote Patient Management System Presented At Heart Rhythm 2014 Demonstrates Significant Reduction In Mortality And Hospitalization

NATICK, Mass., May 10, 2014 /PRNewswire/ -- Patients using the Boston Scientific Corporation (NYSE: BSX) LATITUDE™ Remote Patient Management system with wireless telemetry demonstrated significantly lower mortality and fewer hospitalizations than patients with LATITUDE-compatible devices who were not followed on the system, according to results from the PREDICt-RM study (***P**atient **RE**lated **D**eterminants of **ICD R**emote **M**onitoring Utilization and Outcomes*). The results were presented today at Heart Rhythm 2014, the Heart Rhythm Society's 35th Annual Scientific Sessions in San Francisco.

PREDICt-RM demonstrated a 33 percent relative reduction in the risk of death in patients with Boston Scientific ICDs and CRT-Ds who were remotely monitored via the LATITUDE wireless remote monitoring system, compared to Boston Scientific ICD and CRT-D patients who were not remotely monitored. Additionally, these patients experienced a 19 percent relative reduction in hospitalizations for any cause. The study outcomes were presented by Dr. Joseph Akar, associate professor of medicine at Yale University and the Center for Outcomes Research and Evaluation (CORE) in New Haven, CT, and are a result of a research collaboration between Yale CORE, the American College of Cardiology (ACC) and Boston Scientific.

"The PREDICt-RM results demonstrate improved outcomes for those ICD and CRT-D patients using the LATITUDE wireless Remote Patient Management system," said Dr. Joseph Akar. "Despite the widespread availability of this technology, we know that it is underutilized. Our hope is that this study may inform clinical practice guidelines and promote the routine use of this technology in daily practice."

PREDICt-RM builds on Boston Scientific's innovation and leadership in clinical science. These results were made possible via a unique research design that linked three large health care databases, illuminating the potential for "big data" and healthcare analytics to advance patient care. PREDICt-RM combined the National Cardiovascular Data Registry (NCDR) from ACC, CMS data from Medicare, and the Boston Scientific LATITUDE system.

"No single database could have answered this question effectively. Through an innovative collaboration with ACC and Boston Scientific, we were able to leverage the strengths of each database to develop a deeper understanding of the association of remote monitoring with patient outcomes. We believe the PREDICt-RM experience should serve as a model for this type of investigation," said Dr. Jeptha Curtis, associate professor of medicine at Yale University and CORE.

"PREDICt-RM demonstrates that wireless remote monitoring using the LATITUDE system provides a significant benefit to patients and the overall healthcare system," said Kenneth Stein, M.D., chief medical officer, Rhythm Management, Boston Scientific. "We are very excited to have such strong data demonstrating substantially improved survival and reduced hospitalization rates in the patients followed on LATITUDE."

The LATITUDE Remote Patient Management system connects a home communicator to the patient's implanted Boston Scientific device through wireless telemetry, enabling automatic collection of patient data. The system capabilities include transmitting physiologic data, as well as data gathered from the implanted device to the healthcare team's LATITUDE website. Boston Scientific provides wireless telemetry across all pacemaker, ICD, and CRT-D implantable devices. The LATITUDE system is the only implanted-device monitoring system with integrated physiologic monitoring of weight and blood pressure in the United States.

About Boston Scientific
Boston Scientific transforms lives through innovative medical solutions that improve the health of patients around the world. As a global medical technology leader for more than 30 years, we advance science for life by providing a broad range of high performance solutions that address unmet patient needs and reduce the cost of healthcare. For more information, visit www.bostonscientific.com and connect on Twitter and Facebook.

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This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements may be identified by words like "anticipate," "expect," "project," "believe," "plan," "estimate," "intend" and similar words. These forward-looking statements are based on our beliefs, assumptions and estimates using information available to us at the time and are not intended to be guarantees of future events or performance. These forward-looking statements include, among other things, statements regarding markets for our products, our business plans, clinical trials and data, product performance and impact, and competitive offerings. If our underlying assumptions turn out to be incorrect, or if certain risks or uncertainties materialize, actual results could vary materially from the expectations and projections expressed or implied by our forward-looking statements. These factors, in some cases, have affected and in the future (together with other factors) could affect our ability to implement our business strategy and may cause actual results to differ materially from those contemplated by the statements expressed in this press release. As a result, readers are cautioned not to place undue reliance on any of our forward-looking statements.

Factors that may cause such differences include, among other things: future economic, competitive, reimbursement and

regulatory conditions; new product introductions; demographic trends; intellectual property; litigation; financial market conditions; and future business decisions made by us and our competitors. All of these factors are difficult or impossible to predict accurately and many of them are beyond our control. For a further list and description of these and other important risks and uncertainties that may affect our future operations, see Part I, Item 1A – Risk Factors in our most recent Annual Report on Form 10-K filed with the Securities and Exchange Commission, which we may update in Part II, Item 1A – Risk Factors in Quarterly Reports on Form 10-Q we have filed or will file hereafter. We disclaim any intention or obligation to publicly update or revise any forward-looking statements to reflect any change in our expectations or in events, conditions or circumstances on which those expectations may be based, or that may affect the likelihood that actual results will differ from those contained in the forward-looking statements. This cautionary statement is applicable to all forward-looking statements contained in this document.

CONTACTS:

Nisha Deo
Corporate Affairs & Communications
Boston Scientific Corporation
508-652-5609 (office)
Nisha.Deo@bsci.com

Susie Lisa, CFA
Investor Relations
Boston Scientific Corporation
508-652-5345 (office)
investor_relations@bsci.com

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