Boston Scientific

Boston Scientific Launches Alair® Bronchial Thermoplasty System in Canada

Natick, MA (May 11, 2011) -- Boston Scientific Corporation (NYSE: BSX) today announced the launch of its Alair® Bronchial Thermoplasty System in Canada. Doctors at Institut universitaire de cardiologie et de pneumologie de Québec in Québec City and St. Joseph's Healthcare in Hamilton, Ontario, treated the first Canadian patients with bronchial thermoplasty. Developed by the Company's Asthmatx business, the Alair System is the first device-based treatment for severe asthma approved by Health Canada and the U.S. Food and Drug Administration.

Bronchial thermoplasty is a bronchoscopic procedure performed under moderate sedation on an outpatient basis. The Alair System delivers thermal energy to the airway wall in a precisely controlled manner to reduce excessive airway smooth muscle. It is designed to decrease the airways' ability to constrict, thereby reducing asthma attack frequency and severity. Clinical data show bronchial thermoplasty is safe and effective in the treatment of severe, persistent asthma in patients 18 years and older whose asthma is not well controlled with drugs (inhaled medications).

Michele Laviolette, M.D., and Simon Martel, M.D., Professors of Medicine at Université Laval, and respirologists at Institut universitaire de cardiologie et de pneumologie served as clinical investigators in the Asthma Intervention Research 2 (AIR2) Trial in Canada. "Bronchial thermoplasty is a new option for physicians treating patients with severe asthma, and has the potential to reduce hospital visits, out-of-pocket costs and missed workdays due to asthma symptoms," said Dr. Laviolette. "This procedure provides a long-term benefit to adult asthma patients and improves the quality of life for those suffering from this chronic condition."

Dr. Gerard Cox, M.B., Professor of Medicine at McMaster University, and John Miller, M.D., Professor of Surgery (Thoracic) at McMaster University, also served as clinical investigators in the AIR2 Trial. "After more than eight years of treating asthma patients in clinical studies with bronchial thermoplasty, we are pleased that we can now offer this important treatment to a broader range of patients with severe asthma," said Dr. Cox. "Bronchial thermoplasty offers them an important non-drug alternative to control their disease."

The prevalence of asthma in Canada has increased over the last 20 years with an estimated 3 million Canadians diagnosed with the disease, according to the Asthma Society of Canada; approximately 5 to 10 percent of those suffering from asthma are diagnosed with severe persistent asthma. The burden of asthma goes beyond the physical symptoms, as it is the leading cause for absenteeism from school and third-leading cause of work loss. In 2010, asthma attacks resulted in more than 146,000 emergency room visits, and the direct cost of asthma care in Canada, including medical care and treatment, is estimated at $600 million per year.

"The Alair System has been well received in the U.S. and other countries where it has gained increased acceptance as a long-term treatment option for severe asthma sufferers," said David Pierce, President of Boston Scientific's Endoscopy Division. "Canada is one of a number of countries where we expect to continue our launch of the system this year, and we are confident its introduction will strengthen our pulmonary portfolio worldwide."

In 2010, Boston Scientific acquired Asthmatx, which has developed a catheter-based outpatient procedure utilizing its Alair® Bronchial Thermoplasty System that provides long-lasting and improved asthma control for adult severe asthma patients. For more information, visit www.BTforAsthma.com.

About Boston Scientific
Boston Scientific is a worldwide developer, manufacturer and marketer of medical devices whose products are used in a broad range of interventional medical specialties. For more information, please visit: www.bostonscientific.com.

Cautionary Statement Regarding Forward-Looking Statements

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 the market for pulmonary products, including the Alair System, and our position within that market, new product launches and launch cadence, regulatory approvals, clinical trials, product performance and acceptance 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; new product performance; 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.

CONTACT:
Erik Kopp
508-650-8660 (office)
Media Relations
Boston Scientific Corporation
erik.kopp@bsci.com

Sean Wirtjes
508-652-5305 (office)
Investor Relations
Boston Scientific Corporation
investor_relations@bsci.com

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