

Infraredx Announces TVC Imaging System to be Highlighted in a Series of Presentations at TCT 2012

The Associated Press

BURLINGTON, Mass.--(BUSINESS WIRE)--Oct 18, 2012--Infraredx, Inc., a medical device company committed to advancing the diagnosis and management of coronary artery and other vascular diseases, today announced that its TVC Imaging System™ for the true vessel characterization of coronary artery disease will be highlighted in 10 poster and oral presentations during the annual Transcatheter Cardiovascular Therapeutics Meeting (TCT 2012). TCT 2012, the world's largest educational meeting specializing in interventional cardiovascular medicine, will be held October 22-26, 2012 at the Miami Beach Convention Center in Miami.

The TVC Imaging System is a first-in-class intravascular imaging system with the unique ability to assess vessel composition and structure via integrated near infrared spectroscopy (NIRS) lipid core plaque (LCP) detection and enhanced intravascular ultrasound (IVUS) imaging technology. The TVC Imaging System is the only device available in both the U.S. and Europe for the detection of the LCPs known to complicate stenting and believed to be the reason for most heart attacks. Outside of the U.S., the TVC Imaging System is available in more than 30 countries worldwide.

“We are pleased that our TVC Imaging System is being prominently featured at the leading educational meeting in interventional cardiovascular medicine,” said Donald Southard, president and chief executive officer of Infraredx. “There is a growing awareness of and need for the TVC Imaging System as more than two million people worldwide undergo coronary stenting each year, pointing to the clinical advantages of characterizing vessel structure and composition. We look forward to sharing this new data at TCT highlighting the value of the TVC Imaging System in at-risk patient populations.” The company will be exhibiting at booth #667 during the conference.

The schedule of oral and poster presentations, as well as the breakfast satellite symposium, is as follows: Oral Presentations The TVC Imaging System will be a subject of discussion in a series of oral presentations, including: On Tuesday, October 23 at 1:50 p.m., James E. Muller, M.D., founder, chairman and chief medical officer of Infraredx, will participate in a session titled “The Great Vulnerable Plaque Debate: Is Vulnerable Plaque a Systemic or Focal Disease?” where he will engage in a debate with Valentin Fuster, M.D., The Mount Sinai Hospital, in a presentation titled “Most Diseases Are Systemic: It’s the Focal Manifestations That Count!” This presentation will be held in Room B212-213. On Tuesday, October 23 at 4 p.m., Ryan D. Madder, M.D., Frederik Meijer Heart & Vascular Institute, Spectrum Health System in Grand Rapids, Michigan, will discuss the TVC Imaging System in a presentation titled “NIRS as a Clinical Tool for Vulnerable Plaque Detection: Findings

in Patients with Acute STEMI.” This presentation will be held in Room B212-213. Moderated Poster Presentation The TVC Imaging System will be a subject of discussion in the following poster presentations: Presentation Date/Time: Tuesday, October 23, 8-10 a.m. Session Title: Detection of Thin and Thick Fibrous Caps Overlying Lipid Core Coronary Plaques with a Catheter-Based Near-Infrared Spectroscopy System Presenter: Sean Madden, Ph.D., Senior Scientist, Infraredx Number/Location: Abstract #1924, Hall D Oral Abstracts: Adjunct Imaging and Physiology Session The TVC Imaging System will be a subject of discussion in a series of oral presentations, including: Presentation Date/Time: Tuesday, October 23, 12 - 12:15 p.m.

Session Title: Detection by Near-infrared Spectroscopy of Large Lipid Core Plaques at Culprit Sites in Patients with Acute ST-Segment Elevation Myocardial Infarction Presenter: Ryan D. Madder, M.D., Frederik Meijer Heart & Vascular Institute, Spectrum Health System in Grand Rapids, Michigan Number/Location: Abstract #TCT-23, Room#D239 NOTE: Please note that this abstract has also been selected for video wall viewing all day on Wednesday, October 24, outside the Main Arena where TCT attendees can review these oral abstracts at their leisure. Presentation Date/Time: Thursday, October 25, 2-3 p.m. Session Title: Yellow Means Trouble: Challenging Case Session V: Imaging and Physiologic Lesion Assessment and Structural Session Presenter: David Erlinge, M.D., Ph.D., Lund University Hospital in Lund, Sweden Number/Location: Abstract#1292, Hall D Breakfast Symposium Infraredx will host a satellite symposium titled “Identifying the Signature of STEMI Culprit Plaques with Near IR Spectroscopy: What Does It Mean For Your Practice?” The 60-minute breakfast panel event will be held on Thursday, October 25 at 7 a.m. in Room #C225/226.

The symposium will be chaired by James A. Goldstein, M.D., director of research and education, division of cardiology, William Beaumont Hospital; discussants include Ryan D. Madder, M.D., Frederik Meijer Heart & Vascular Institute, Spectrum Health System in Grand Rapids, Michigan and David Erlinge, M.D., Ph.D., Lund University Hospital in Lund, Sweden.

About The TVC Imaging System™ The TVC Imaging System™ is a first-in-class intravascular imaging system that holds the potential to revolutionize the management of coronary artery disease by providing information that is critical for evaluating vessel structure and composition, also known as true vessel characterization. The TVC Imaging System helps interventional cardiologists identify which patients are prone to complications during stenting. The device enables cardiologists to predict peri-procedural heart attacks by assessing not only the degree of stenosis, but also the presence and extent of lipid core plaques (LCP) of interest.

In a single pullback, the TVC Imaging System provides rapid and automated detection of LCPs during the cardiac catheterization procedure. The device is the only multimodality imaging system to combine both intravascular ultrasound (IVUS) and near-infrared spectroscopy (NIRS). Through IVUS technology, the TVC Imaging System provides clear and relevant information about vessel structure, in real time. The system’s enhanced IVUS image provides a clear view of the vessel and plaque,

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Published on Medical Design Technology (<http://www.mdtmag.com>)

providing more reliable vessel interpretation and assessment. The system's NIRS technology enables interventional cardiologists to reliably visualize the presence of LCP and predict the risk of peri-stenting myocardial infarction. The multimodality images are obtained simultaneously and require no post-processing or image manipulation. The TVC Imaging System is the only device available in both the U.S. and Europe for the detection of LCPs. Outside of the U.S., the TVC Imaging System is available in more than 30 countries worldwide.

About Infraredx, Inc. Infraredx, Inc. is a privately-funded medical device company dedicated to helping provide practitioners with the information needed for enhanced clinical decision making in treating coronary artery disease. The company is committed to improving the safety and efficacy of coronary stenting and ultimately serving as part of a strategy to prevent initial coronary events. Through its TVC Imaging System™, Infraredx is changing the way coronary artery disease is diagnosed and treated. The TVC Imaging System is the only intravascular imaging system that enables true vessel characterization through simultaneous structural and compositional imaging data obtained in a single pullback. Through the use of both intravascular ultrasound (IVUS) and near-infrared spectroscopy (NIRS) technologies, the system helps interventional cardiologists identify which patients are prone to stenting complications by assessing not only the degree of stenosis, but also the presence of lipid core plaque. Founded in 1998, Infraredx is headquartered in Burlington, Mass. For more information, visit www.infraredx.com.

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KEYWORD: UNITED STATES NORTH AMERICA FLORIDA MASSACHUSETTS INDUSTRY

KEYWORD: HEALTH CARDIOLOGY MEDICAL DEVICES SOURCE: Infraredx, Inc.

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Source URL (retrieved on 11/21/2014 - 10:05pm):

http://www.mdtmag.com/news/2012/10/infraredx-announces-tvc-imaging-system-be-highlighted-series-presentations-tct-2012?qt-video_of_the_day=0