**FOR IMMEDIATE RELEASE**

## InfraReDx Announces TVC Imaging System™ to be Highlighted at TCT 2011

**BURLINGTON, Mass. – Nov. 7, 2011–** 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 during the annual Transcatheter Cardiovascular Therapeutics Meeting (TCT 2011). TCT 2011, the world's largest educational meeting specializing in interventional cardiovascular medicine, will be held Nov. 7-11, 2011 at The Moscone Center in San Francisco. In addition to a series of oral and poster presentations, the company will host a breakfast satellite symposium featuring the TVC Imaging System.

"We are pleased to provide this novel, multimodality coronary imaging tool for the use of interventional cardiologists," said James E. Muller, M.D., chief medical officer of InfraReDx. "The intravascular ultrasound (IVUS) component of the TVC Imaging System is of proven utility as a means to improve the care of patients with coronary artery disease. The novel near-infrared spectroscopy (NIRS) component provides rapid and accurate detection of lipid core plaques. Identification of these lipid core plaques, which have now been shown to be associated with peri-stenting myocardial infarction, restenosis and stent thrombosis, can be of assistance in formulation of plans for the treatment of patients with coronary disease."

The company will be exhibiting at booth #807 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, Nov. 8 at 1:49 p.m., Gary S. Mintz, M.D., chief medical officer, Cardiovascular Research Foundation will give a presentation titled "2011 Intravascular Imaging Insights into Focal Plaque Vulnerability and Identification: From VH-IVUS to OCT to NIRS." The presentation will be held during Session II, "What Makes a Coronary Plaque Vulnerable?," as part of the Scientific Symposia "Identifying the High-Risk Patient and Lesion: From Vulnerable Plaque to Ischemia and Viability."

- On Thursday, Nov. 10 at 3:46 p.m., Dr. James E. Muller will give a presentation titled "NIR Spectroscopy and Image Interpretation (with Integrated IVUS): Beneath the Pixels." The presentation will be held during Session II, "NIR Image Interpretation: Case Presentations and Panel Interpretations," as part of the Spotlight Session "Next Generation Optical Intravascular Imaging: OCT and NIR Spectroscopy." The session will be co-moderated by Dr. James A. Goldstein.

- On Friday, Nov. 11 at 9:16 a.m., Dr. Gary S. Mintz will give a presentation titled "The Emerging Role of VH-IVUS, OCT, and NIRS for Assessment of Indeterminate Lesions." The presentation will be held during Clinical Decisions II, "The Angiographically Indeterminate Lesion: Using Adjunctive Imaging to Guide PCI," as part of the Spotlight Session "Difficult Patients in Interventional Cardiology: The Art of Clinical Decision-Making."

Poster Presentations

The TVC Imaging System will be highlighted in two poster presentations during the "Intravascular Imaging: IVUS, OCT, Spectroscopy, and Other" session, being held in Hall D on Tuesday, Nov. 8 from 8 to 10 a.m.

- Salvatore Brugaletta, M.D., department of interventional cardiology, Thorax Center, Erasmus MC, will present a poster titled "In Vivo Distribution Of Lipid Core Containing Plaque According To Distance From The Ostium By Near Infrared Spectroscopy In Non-culprit Coronary Arteries."

- Diaa A. Hakim, M.D., Ph.D., research fellow, Cardiovascular Research Foundation, will present a poster titled "Near Infrared Spectroscopic Assessment of Lipid Core Plaque Changes After Coronary Artery Stenting."

Breakfast Symposium
InfraReDx will host a satellite symposium titled "True Vessel Characterization: Implications for Increasing Stenting Safety and Preventing Coronary Events." The 60-minute breakfast panel event will be held on Thursday, Nov. 10 at 7 a.m. in Room 122 of The Moscone Center.

The symposium will be chaired by James A. Goldstein, M.D., director of research and education, division of cardiology, William Beaumont Hospital. A panel of renowned interventional cardiologists will present their perspectives on the topics below, followed by a Q&A and closing discussion. A webcast of this symposium will be available on the InfraReDx website after the close of TCT 2011.

- "Optimizing PCI Outcomes Through Multimodality Imaging (Integrated IVUS, OCT, and/or NIR Spectroscopy)," will be presented by Patrick W. Serruys, M.D., Ph.D., chief, interventional cardiology, Thorax Center, Erasmus MC.

- "Optimizing PCI Outcomes: Detection of Lesions at Risk for Distal Embolization Complications," will be presented by Dr. James A. Goldstein.

- "Detection of Vulnerable Plaques: Are we Close to Clinical Applicability?" will be presented by Gregg W. Stone, M.D., professor of medicine, director of cardiovascular research and education, Center for Interventional Vascular Therapy, Columbia University Medical Center.

**About 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 TVC system 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, 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 infarction. The multimodality images are obtained simultaneously and require no post-processing or image manipulation. The TVC Imaging System is the only device approved by the U.S. Food and Drug Administration for the detection of LCP.

**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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