Leading Physicians to Unveil New Findings Regarding Arterial Calcification at TCT Conference

The Associated Press

ST. PAUL, Minn.--(BUSINESS WIRE)--Oct 17, 2012--Cardiovascular Systems, Inc. (CSI) (NASDAQ: CSII), announced today that new findings regarding arterial calcification will be unveiled at the 2012 Transcatheter Cardiovascular Therapeutics (TCT) conference in Miami, Oct. 22–26, 2012. Arterial calcification is a common, underdiagnosed condition and complicating factor for physicians treating peripheral arterial disease (PAD). It is estimated to be present in approximately 65 percent of the people treated annually for PAD.

CSI has also commenced its ORBIT II Investigational Device Exemption clinical trial to evaluate the safety and effectiveness of its orbital technology in treating coronary arteries. The coronary system is limited by federal law to investigational use and is currently not commercially available in the United States. Coronary arterial disease (CAD) is estimated to be present in approximately 38 percent of the people treated annually for CAD.

TCT's Drug Eluting Stent (DES) Summit: Appropriate Utilization of Current Generation Devices What: "Calcified Lesions: New Insights in Stable CAD and acute coronary syndrome (ACS) from Large-Scale Clinical Trials", presented by Dr. Philippe Généreux; and "Decalcification with the Orbital Atherectomy System: Case Presentation" (with discussion), presented by Dr. Jeffrey Chambers.

When: Monday, Oct. 22, 12:37 – 12:57 p.m.

Where: Miami Beach Convention Center, Hall A TCT Sponsored Evening Sessions Two evening sessions will explore the historical challenge of coronary calcification and emerging technologies for peripheral interventions.

Session #1 What: "The Challenge of Coronary Calcification: From Yesterday to Tomorrow", moderated by Dr. Gregg Stone and Dr. Gary Mintz When: Tuesday, Oct. 23, 6:30 – 8:45 p.m.

Where: Ritz Carlton South Beach Hotel, Salons 1-2 Session #2 What: "Emerging Technologies for Peripheral Interventions: Device Selection, Technical Approach and Clinical Outcomes", presented by Dr. Juan Granada and Dr. Barry Katzen When: Thursday, Oct. 25, 6:30 – 8:45 p.m.

Where: Loews Miami Beach Hotel, Americana Ballroom, Salon 4 ORBIT II Clinical Study Coronary Case What: Dr. Jeffrey Chambers will conduct a live presentation of his ORBIT II case as part of the Coronary Interventions taped cases session. (See ORBIT II description below) When: Oct. 25, 4:30 – 5:00 p.m.

Where: Miami Beach Convention Center, Presentation Theater 1 CSI Booth at TCT: Oct. 23 – 25 Visit CSI at booth #926, noon – 5 p.m., Tuesday, Oct. 23, and 9 a.m. – 5 p.m. Wednesday, Oct. 24 and Thursday, Oct. 25.

About Peripheral Arterial Disease PAD is a life-threatening condition where a fatty material called plaque builds up on the inside walls of the blood vessels that carry blood from the heart to legs and arms. The plaque buildup causes the arteries to harden and narrow (atherosclerosis), reducing blood flow to the legs. The risk of PAD increases if a person has one or several of the following: high blood pressure, abnormal cholesterol levels, diabetes, or personal history of heart disease, heart attack or stroke. PAD affects an estimated 8-12 million people in the United States. The disease prevalence increases with age and 12-20 percent of Americans age 65 and older suffer from PAD symptoms. As the U.S. population ages, the prevalence range could reach 16 million in those age 65 and older and 19 million overall by 2050.

About Cardiovascular Systems, Inc. Cardiovascular Systems, Inc., based in St. Paul, Minn., is a medical device company focused on developing and commercializing innovative solutions for treating vascular and coronary disease. The company's Orbital Atherectomy Systems treat calcified and fibrotic plaque in arterial vessels throughout the leg in a few minutes of treatment time, and addresses many of the limitations associated with existing surgical, catheter and pharmacological treatment alternatives. The U.S. FDA granted 510(k) clearance for the use of the Diamondback Orbital Atherectomy System in August 2007. To date, nearly 100,000 of CSI's devices have been sold to leading institutions across the United States. CSI has also commenced its ORBIT II Investigational Device Exemption clinical trial to evaluate the safety and effectiveness of its orbital technology in treating coronary arteries. The coronary system is limited by federal law to investigational use and is currently not commercially available in the United States.

For more information, visit the company's website at www.csi360.com.

CONTACT: Cardiovascular Systems, Inc.

Investor Relations, 651-259-2800 investorrelations@csi360.com or Sarah Wozniak, 651-259-1636 swozniak@csi360.com or Padilla Speer Beardsley Inc.

Matt Sullivan, 612-455-1709 msullivan@padillaspeer.com or Dave Folkens, 612-455-1741 dfolkens@padillaspeer.com KEYWORD: UNITED STATES NORTH AMERICA MINNESOTA INDUSTRY KEYWORD: SURGERY HEALTH BIOTECHNOLOGY CARDIOLOGY CLINICAL TRIALS HOSPITALS MEDICAL DEVICES SOURCE: Cardiovascular Systems, Inc. Copyright Business Wire 2012 PUB: 10/17/2012 05:17 PM/DISC: 10/17/2012 05:17 PM
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