



**Media Contact:**

Nicole Osmer  
650.454.0504  
nicole@nicoleosmer.com

**Roy T. Tanaka Joins Board of Directors of Advanced Cardiac Therapeutics**  
*Former President of Biosense Webster Brings Valuable Experience*

LAGUNA BEACH, Calif., April 11, 2011 – Advanced Cardiac Therapeutics, Inc., a developer of innovative temperature-sensing cardiac ablation systems, today announced that Roy T. Tanaka has joined the company's Board of Directors.

"I am very excited to join the board of directors of ACT," said Mr. Tanaka. "I believe that the company's innovative cardiac ablation catheter represents a breakthrough in the treatment of cardiac arrhythmias. From experience we know the clinical value of temperature control in non-irrigated RF catheters and I believe in the potential of the TEMPASURE™ cardiac ablation catheter to increase the safety and success of irrigated cardiac ablation procedures."

"Roy's experience leading Biosense Webster, a company that is recognized worldwide as a pioneer in the diagnosis and treatment of cardiac arrhythmias, brings enormous value to Advanced Cardiac Therapeutics," said Peter van der Sluis, the company's CEO. "We are very excited that he will be a part of the team that guides us as we prepare to bring the TEMPASURE temperature-sensing ablation catheter to physicians and patients."

From 2004 through 2008, Mr. Tanaka served as the worldwide president of Biosense Webster, Inc. for Johnson & Johnson, which he joined as the U.S. president in 1997. He also held a variety of senior management positions at Sorin Biomedical, Inc., including president and chief executive officer, and leadership roles at CooperVision Surgical and Shiley, a division of Pfizer, Inc. He is a member of the Boards of Directors of TomoTherapy Incorporated, Volcano Corporation and VytronUS. Mr. Tanaka received a B.S. in Mechanical Engineering from Purdue University and an M.B.A. from Illinois Benedictine College.

Advanced Cardiac Therapeutics' TEMPASURE cardiac ablation catheter is the world's first RF cardiac ablation catheter to offer both saline irrigation and temperature-sensing technology. The TEMPASURE system is designed to result in better outcomes for patients by reducing overall procedure time and increasing therapeutic effectiveness, while avoiding rare but serious adverse events. The system's novel passive sensing microwave radiometry technology allows the electrophysiologist to measure the temperature of cardiac tissue at three millimeters depth during the ablation procedure, providing real-time information that enables proper energy delivery and lesion control.

**About Cardiac Arrhythmias**

Cardiac arrhythmias occur when the electrical impulses in the heart don't work properly,

causing the heart to beat too fast, too slowly or irregularly. Atrial fibrillation and atrial flutter are fast cardiac arrhythmias that can be life-threatening.

#### **About Cardiac Catheter Ablation**

Cardiac catheter ablation procedures are used to treat a variety of cardiac arrhythmias including atrial fibrillation and atrial flutter. The procedures involve advancing a catheter into the heart and selectively ablating certain areas of tissue in order to prevent the spread of electrical signals that give rise to the arrhythmia. The temperature of the tissue during ablation is critical – lower temperatures are ineffective, and temperatures that are too high can result in dangerous over-heating. Saline irrigation ensures that lesions are created safely and are effective deeper inside the cardiac tissue. However, the inclusion of irrigation negates the effectiveness of conventional thermometry.

#### **About the TEMPASURE Cardiac Ablation Catheter**

ACT's technology enables, for the first time, measurement of tissue temperature with a saline-irrigated RF catheter. The TEMPASURE cardiac ablation catheter continuously measures temperature at three millimeters depth below the heart wall surface using VERITAS™ Technology, a proprietary microwave radiometry system. The TEMPASURE system is designed to improve patient outcomes by providing electrophysiologists with real-time validation information and greater control in lesion creation.

#### **About Advanced Cardiac Therapeutics**

Headquartered in Laguna Beach, Calif., privately held Advanced Cardiac Therapeutics, Inc. specializes in advanced irrigated cardiac catheter ablation systems with proprietary temperature-sensing technology for the treatment of patients with cardiac arrhythmias. For more information visit [www.actmed.net](http://www.actmed.net).

###