

Cardiva Medical, Inc. Receives FDA Clearance for the Catalyst™III System, First in Class Drug Coated Vessel Closure Device

Mountain View, CA., May 18, 2009 -- Cardiva Medical, Inc. announced today that it has received clearance from the U.S. Food & Drug Administration (FDA) for its latest technology, the Cardiva Catalyst III, which is considered the first drug coated vessel closure device in the market.

Built upon its predecessor, the Catalyst III is coated with protamine sulfate, a drug which neutralizes heparin in the tissue adjacent to the device. Local heparin reversal by the Catalyst III system facilitates quick and efficient vessel closure as an adjunct to manual compression in patients undergoing anticoagulation with heparin. Catalyst III's protamine coating contacts the tissue tract from the arteriotomy site to the point of percutaneous entry in the skin. Cardiva estimates that annually 1.7 million patients in the United States receive heparin during an endovascular procedure; the majority of these cases are for peripheral vascular disease, the fastest growing segment in the percutaneous procedure market.

Initial use of the Catalyst III system took place in the Cardiovascular Institute of the South located at Terrebonne General Medical Center in Houma, LA., under the direction of its founder, interventional cardiologist, Craig Walker, M.D. Dr. Walker said of the Catalyst III, "We believe that localized protamine in the tissue tract makes a big difference. Not only can we accomplish rapid, natural vessel closure for our patients, but we can also improve our efficiency while utilizing a more cost-effective and time-tested anticoagulant."

"As the Company formally announces the market launch of this new product today, the Catalyst III further demonstrates Cardiva's ability to evolve its technology platform to meet the unique needs of patients in the vessel closure market," commented Augustine Lien, Founder, Chairman, and CEO of Cardiva Medical, Inc. "We expect the Catalyst III to deliver strong economic value to the health care system by facilitating throughput in patients who are anticoagulated with heparin, and permitting clinicians to significantly lower the overall cost of anticoagulation."

About Cardiva Medical, Inc

Cardiva Medical, Inc. is a privately-held medical device company that designs, develops and commercializes endovascular products which help the body heal itself. In 2005, Cardiva launched its first product into the vessel closure market, the Boomerang® Wire System, which demonstrated unsurpassed ease-of-use and safety. In January 2008, Cardiva launched the Cardiva Catalyst™ II, which incorporates hemostatic agents to accelerate the body's own coagulation pathway; quickly facilitating hemostasis at the arteriotomy site, preserving the artery and leaving absolutely nothing behind in the patient. In May 2009, Cardiva launched the Catalyst III system that is coated with protamine sulfate, a drug which neutralizes heparin in the tissue tract and facilitates quick and efficient vessel closure in patients undergoing anticoagulation with heparin. The Catalyst III system is indicated for use in heparinized patients undergoing diagnostic and/or interventional femoral artery catheterization procedures using 5F, 6F or 7F introducer sheaths.

Cardiva was presented the prestigious Frost & Sullivan Entrepreneurial Company Award in 2006 which recognizes entrepreneurial excellence in the U.S. angioplasty and vascular closure devices market. For additional information about Cardiva, please visit our website at www.cardivamedical.com.

Cardiva Catalyst, Boomerang and Boomerang Catalyst are trademarks/registered trademarks of Cardiva Medical, Inc.

Media Contact:

Glenn Foy, President

Cardiva Medical, Inc.

Phone: 650.475.9855

Fax: 650.964.8911

glenn_foy@cardivamedical.com