



MEMSCAP STARTS PRODUCTION FOR FDA CLEARED CARDIOMEMS ENDOSURE WIRELESS PRESSURE SENSOR

*MEMSCAP technology integrated
into American specialist revolutionary medical solution*

Grenoble, France and Durham, North Carolina, May 2nd 2006 – MEMSCAP (Euronext: MEMS), the leading provider of innovative solutions based on MEMS (micro-electro-mechanical systems) technology, today announces it has been chosen by American implantable devices specialist, CardioMEMS, for its FDA cleared EndoSure Wireless AAA Pressure Sensor. MEMSCAP manufacturing technology is a key element of this revolutionary tool used in the endovascular repair of abdominal aortic aneurysms.

CardioMEMS, a leader in medical implantable wireless pressure sensors, used technology originally developed for turbine engine pressure monitoring as a foundation for design of these sophisticated pressure sensors.

Absolutely unique, the *Endosure* Sensor is the first wireless, un-powered, permanently implantable pressure sensor for human use to be commercially available in the United States. Indicated for use during endovascular repair of an abdominal aortic aneurysm (AAA), the revolutionary *EndoSure™* Wireless AAA Pressure Sensor is a hermetically sealed circuit. It is inserted during the same procedure as the stent graft. Once in place, an antenna held over patient's abdomen uses RF energy to measure pressure inside the aneurysm sac. The process of measuring the pressure causes no discomfort whatsoever to the patient. A real-time pressure measurement can be obtained as frequently as desired subsequent to its implantation.

Using its expertise, MEMSCAP can provide CardioMEMS with a reliable source of sensors featuring consistent performance and reliability.

MEMSCAP medical products and solutions focus on making available to the market the most cost-effective solutions with the highest technological features and functionalities. MEMSCAP offer ranges from custom products such as those manufactured for CardioMEMS, to standard solutions, such as physiological pressure devices with disposable accessories. Benefiting from exceptional quality and a long-term life, MEMSCAP solutions do not wear out and are particularly suited for cath lab and various hospital uses.

“We chose MEMSCAP as the key supplier for our *EndoSure* Sensor because we needed a partner with proven expertise in medical applications. CardioMEMS is engaged in providing its customers with breakthrough solutions, and MEMSCAP's certified manufacturing and track-record for medical solutions in severe environments brought us the accuracy and reliability we were looking for,” explains David Stern, President and CEO of CardioMEMS. “This first product is part of a global roadmap between MEMSCAP and CardioMEMS”.

“MEMSCAP has been pro-actively developing its presence in the field of life protection and safety over the last two years. Integrating our wireless technology into our medical competencies brings us a step forward,” states Ron Wages, General Manager of MEMSCAP Custom Products Business Unit. “CardioMEMS approach to medicine and surgery matches our corporate goal of bettering life”.

About CardioMEMS, Inc.

CardioMEMS, Inc. is a medical device company focused on the application of Microelectromechanical systems (MEMS) technology to create innovative devices for the diagnosis and management of chronic diseases. CardioMEMS, Inc. has already developed implantable wireless sensors targeted for the Aortic Aneurysm (AAA) and Heart Failure (HF) markets and continues to explore additional applications of the technology. There are approximately 200,000 new cases of Aortic Aneurysms diagnosed each year in the U.S. and it is the 3rd leading cause of sudden death. HF affects approximately 5 million people in the U.S. and is the leading cause of hospitalizations with almost a million admissions last year. CardioMEMS, Inc. is located in Atlanta, GA and is privately held. More information about CardioMEMS, Inc. can be found at www.cardiomems.com.

About MEMSCAP

MEMSCAP is the leading provider of innovative micro-electro-mechanical systems (MEMS)-based solutions. MEMSCAP standard and custom products and solutions include components, component designs (IP), manufacturing and related services. MEMSCAP customers include Fortune 500 businesses, major research institutes and universities. The company's shares are traded on the Eurolist of Euronext Paris S.A (ISIN: FR0010298620-MEMS), where MEMSCAP belongs to the Next Economy segment. More information on the company's products and services can be obtained at www.memscap.com.

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