



**VIVOMETRICS ANNOUNCES RELEASE OF NEXT GENERATION NON-INVASIVE,
REAL-TIME, LIFE-SIGN MONITORING SYSTEM FOR PRECLINICAL RESEARCH**

Charles River Laboratories Montreal Receives First Wireless LifeShirt® Preclinical

VENTURA, Calif., March 24, 2007 – VivoMetrics Inc. today announced the launch of the next generation of its LifeShirt® technology for use in Preclinical research. The product, now named the LifeShirt Preclinical System, has been further refined to uniquely meet the needs of researchers and scientific study requirements.

The new LifeShirt Preclinical enhancements include: new wireless telemetry capabilities that will provide researchers with more efficient, non-invasive, real-time data monitoring; a reduction in size and weight by almost two-thirds of the previous system for improved wearability; an increase in ECG resolution from 200 Hz to 1 KHz; and additional connectivity with standard industry data management systems.

LifeShirt technology has been used extensively worldwide in clinical studies of human subjects and has proven to be a reliable and beneficial component of research. Since its application to the Preclinical market in 2005, the technology has greatly improved upon previous monitoring methods which required extended pre-study acclimation of animal subjects using restraint or other methods to restrict movement, sometimes providing variable results. The addition of wireless telemetry to the LifeShirt Preclinical now provides the ability to collect data from conscious and unrestrained animals, resulting in more accurate and naturalistic data, as well as improved animal welfare.

Charles River Laboratories first began using the technology in 2005 and eagerly anticipated the launch of the next-generation technology. “The addition of wireless telemetry to the LifeShirt significantly enhances this already vital component of our research,” said Steve Mason, principal scientist for Charles River Laboratories Montreal. “The ability to collect information in real-time without the need to periodically pause and download data will greatly enhance the speed, efficiency and quality of our research.”

The LifeShirt Preclinical uses a lightweight sensor module that fits easily into a jacket pocket. The module measures body position and activity while also acquiring and delivering real-time ECG and respiration data to a base station antenna either in a portable cart for multiple animals or attached to a computer.

"We are pleased to offer the next-generation LifeShirt Preclinical to our customers. The product enhancements have been developed with their feedback in mind and we look forward to enabling companies like Charles River Laboratories to bring life enhancing solutions to the market," said Paul Kennedy, president and chief executive officer of VivoMetrics.

About the LifeShirt® Preclinical System

The LifeShirt Preclinical System is the first non-invasive, real-time ambulatory monitoring system that continuously collects, records and analyzes a broad range of cardiopulmonary parameters. Designed specifically for the needs of the Preclinical market, the System includes a lightweight, machine washable garment with embedded sensors that collect pulmonary, cardiac, posture and activity signals from freely moving subjects for up to 24 hours. Data generated is wirelessly transmitted and VivoSoftware® allows researchers to monitor and analyze data of up to 16 subjects in real-time or to be stored for later analysis. The LifeShirt System has received FDA clearance and EMEA approval (CE Mark).

About VivoMetrics

VivoMetrics, founded in 1999 and based in Ventura, Calif., provides non-invasive products and services, using its proprietary LifeShirt® technology, which continuously monitor vital, life-sign functions, such as heart rate, respiration rate, posture, activity and skin temperature. The company's offerings, based on patented, field-tested technologies, were initially focused on improving the speed, outcomes and economics of pharmaceutical research. Since its inception, the company has further expanded its offerings for use by military, first responder and biohazard personnel, as well as athletes and for clinical, academic and corporate research.