



LMS Medical Systems Inc.

For Immediate Release

LMS CALM PATTERNS™ SELECTED BY SAINT-MARY'S HOSPITAL

Montreal, Quebec, October 30, 2007 – – LMS Medical Systems (AMEX:LMZ; TSX:LMZ), a healthcare technology company and developer of the CALM® patient safety software for obstetrics, today announced that Saint-Mary's Health Center in Montreal, Canada, will be implementing CALM Patterns, an innovative risk management software tool specifically directed at the health of the fetus. Saint-Mary's Hospital is affiliated with McGill University and delivers over 4,500 babies a year.

Fetal distress during labor is recognized as one of the greatest complexities of childbirth and therefore a significant issue insofar as risk management is concerned. During labor and delivery, medical professionals review fetal heart rate tracings looking for indications of fetal distress. CALM Patterns is a real time proprietary software tool that can, on a heart beat to heart beat basis, analyze and present updated information to medical teams to assist them in assessing how the fetus is tolerating the stress of labor. It uses specialized algorithms and neural networks that detect label and measure patterns in fetal heart rate recordings in real time during labor. Delayed recognition and intervention for abnormal fetal heart rate patterns are the most common medical errors in birth related brain injury. CALM Patterns is designed to help teams recognize these situations in a timely manner and to facilitate communication among team members.

“Our Labor and Delivery unit represents a complex environment: normal births interspersed with unexpected emergency situations, experienced clinicians working with trainees from nursing, family medicine and obstetrics, all in a very busy high volume unit,” says Dr. Robert Hemmings, Chief of Obstetrics at the hospital. “CALM Patterns will provide our clinicians the means to reduce risk by more consistently and efficiently assessing our patients and enhancing situational awareness.”

In parallel with clinical use, Saint-Mary's will be partnering with LMS to facilitate the integration of CALM Patterns into daily care. As part of this effort, the organizations will collaborate to optimize standardization of care through use of the tool and work to support improved communications between patients and clinicians.

ABOUT LMS

LMS is a leader in the application of advanced mathematical modeling and neural networks for medical use. The LMS CALM™ Suite provides physicians, nursing staff, risk managers and hospital administrators with clinical information systems and risk management tools designed to improve outcomes and patient care for mothers and their infants during childbirth.

Except for historical information contained herein, the matters discussed in this news release are forward-looking statements. Because these forward-looking statements involve risks and uncertainties, there are important factors that could cause actual results to differ materially from those expressed implied by the forward-looking statements including, but without limitation, economic conditions in general and in the healthcare market, the demand for and market for our products in domestic and international markets, our current dependence on the CALM product suite, the challenges associated with developing new products and obtaining regulatory approvals if necessary, research and development activities, the uncertainty of acceptance of our products by the medical community, the lengthy sales cycle for our products, third party reimbursement, competition in our markets, including the potential introduction of competitive products by others, our dependence on our distributors, physician training, enforceability and the costs of enforcement of our patents, potential infringements of our patents and the other factors set forth from time to time in the Company's filings with the United States Securities and Exchange Commission and with the Canadian Securities Commissions. The Company has no intention of or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

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