

# LMS Medical Systems Inc.

## Contact:

Andrea Miller, Communications  
5252 de Maisonneuve West, Suite 314  
Montreal, Quebec, Canada, H4A 3S5  
Tel : (514) 488-3461 Fax: (514) 488-1880  
[www.lmsmedical.com](http://www.lmsmedical.com) / [investor@lmsmedical.com](mailto:investor@lmsmedical.com)

---

*For Immediate Release*

## HEALTH CANADA PROVIDES LMS CLEARANCE FOR CALM™ PATTERNS

**Montreal, Quebec, July 28, 2004** – LMS Medical Systems (TSX: LMZ), a healthcare technology company and developer of the CALM™ system (Computer Assisted Labor Management) today announced that it has received clearance from Health Canada to market CALM™ Patterns, a new and innovative decision support software tool specifically directed at the health of the fetus.

Fetal distress during labor is recognized as one of the greatest complexities of childbirth. During labor and delivery, abnormal patterns in the fetal heart rate tracing can indicate fetal distress and thereby lead to interventions such as more diagnostic tests or delivery by cesarean section. CALM™ Patterns uses the power of computers to provide objective, real-time detection, classification and labeling of fetal heart rate patterns. Better assessment of fetal distress may reduce the incidence and severity of birth related brain damage.

“We have designed CALM™ Patterns specifically with the baby in mind in order to provide clinical teams with accurate advanced information and analysis to help them make the right decisions at the right time - real time - at the bedside,” said Dr. Emily Hamilton, Vice-President, Medical Research and founder of LMS.

CALM™ Patterns, which is protected by a series of patents pending, may also be used in the medical practitioner’s office during the last trimester for high risk pregnancies. General availability of Patterns is scheduled for the first half of 2005.

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

*Statements in this press release and any other statements, managements’ future expectations, beliefs, goals, plans or prospects constitute forward-looking statements that involve risks and uncertainties, which may cause actual results to differ materially from the statements made. For this purpose, any statements that are contained herein that are not statements of historical fact may be deemed to be forward-looking statements made pursuant to the safe harbor provisions of the United States Private Securities Litigation Reform Act of 1995. Without limiting the foregoing, the words "believes", "anticipates", "plans", "intends", "will", "should", "expects", "projects", and similar expressions are intended to identify forward-looking statements. You are cautioned that such statements are subject to a multitude of risks and uncertainties that could cause actual results, future circumstances, or events to differ materially from those projected in the forward-looking statements. These risks include, but are not limited to, those associated with the success of research and development programs, the regulatory approval process, competition, securing and maintaining corporate alliances, market acceptance of the Company's products, the availability of government and insurance reimbursements for the Company's products, the strength of intellectual property, financing capability, the potential dilutive effects of and financing, reliance on subcontractors and key personnel and other risks detailed from time-to-time in the Company's public disclosure documents or other filings with the Canadian and U.S. securities commissions or other securities regulatory bodies. The forward-looking statements are made as of the date hereof, and the Company disclaims any intention and has no obligation or responsibility, except as required by law, to update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise.*