



For Immediate Release

LMS APPOINTS INTERIM CEO AND COO

Montreal, Quebec, December 18, 2008 – LMS Medical Systems (TSX:LMZ), a healthcare technology company and developer of the CALM® patient safety software systems for obstetrics, today announced appointments to senior management.

Yves Grou C.A., was appointed interim Chief Executive Officer. Mr Grou, who was also appointed a member of the Board of Directors, will maintain the role of Chief Financial Officer pending identification of a replacement. Bruno Bendavid was appointed interim Chief Operating Officer and Chief Technology Officer. Mr Bendavid remains Vice-President of Product Development. Together the two will lead the Company's commercialization effort.

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 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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