



LMS Medical Systems Inc.

For Immediate Release

LMS RECEIVES ACHIEVEMENT AWARD FROM HEALTHCARE INDUSTRY ASSOCIATION

Montreal, Quebec, April 9, 2008 – LMS Medical Systems (AMEX:LMZ; TSX:LMZ), today announced it received the Achievement Award from the Quebec Association of the Health Technologies Industry (AITS) for growth momentum demonstrated by the company over the past year. The award was announced during the Annual Conference of the Association held March 13-14 in Montreal.

In the course of the past calendar year, having achieved several key product delivery milestones, LMS transitioned from software development to sales and operations. The company doubled the number of customers committed to using its obstetrical software applications, growing from 40 to 86 between January 1 and December 31, 2007. Revenue also doubled over the same period.

The Association represents a strategic segment of the Quebec healthcare industry with companies designing and developing innovative and efficient software applications and devices marketed in Canada and internationally. Solutions include patient care and diagnostics, monitoring, safety, telehealth and transaction based applications and products. All members of the value chain are represented, including university research stakeholders and financial players.

“We are honored to receive this award,” said Diane Côté, President and CEO of LMS. “Over time, the entire LMS team has been focusing on building the fundamentals that are the cornerstones to our future growth: we are so pleased with the recognition of the achievement of these milestones by our peers.”

About AITS: The Association of the Health Technologies Industry (AITS) contributes to the creation and the development of businesses in the health technologies industry. AITS ensures its members receive acknowledgement in both the domestic and export markets and defends their interests on the national level. AITS helps energize the industry around innovation and expertise and regroups approximately one hundred members coming from different fields such as R & D firms, manufacturers and distributors of materials, equipment, supplies, services and computer and electronic products for the health industry. For more information, visit <http://www.aits.ca>.

About LMS: LMS is a healthcare technology company and developer of the CALM® clinical information system and risk management software for obstetrics. It is a leader in the application of advanced mathematical modeling and neural networks for medical use. The LMS CALM® Clinical Situational Awareness solutions provide physicians, nursing staff, risk managers and hospital administrators with tools designed to improve outcomes and patient care for mothers and their infants during labor and delivery. For more information, visit <http://www.lmsmedical.com>.

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.

For further information about LMS Medical Systems please contact:

Andrea Miller, Communications

LMS Medical Systems Inc.

Tel: (514) 488-3461 Ext. 222

Fax: (514) 488-1880

investor@lmsmedical.com / www.lmsmedical.com

Grant Howard / Dave Burwell

The Howard Group Inc.

Toll Free: 1-888-221-0915

Info@howardgroupinc.com

www.howardgroupinc.com