



For Immediate Release

LMS CALM SHOULDER SCREEN™ SELECTED BY NEW JERSEY PHYSICIAN GROUP TO MINIMIZE OBSTETRICAL RISKS

Montreal, Quebec, May 15th, 2008 – LMS Medical Systems (TSX:LMZ), a healthcare technology company and developer of the CALM® patient safety software systems for obstetrics, today announced that it has entered into an agreement with Regional Women's Health Management, LLC (Regional) of New Jersey to license CALM Shoulder Screen. Regional is one of the largest groups of Obstetricians and Gynecologists in New Jersey, serving over 200,000 women annually and delivering over 5000 babies.

CALM Shoulder Screen will assist obstetricians with managing the risks associated with shoulder dystocia (ShD). ShD occurs when a baby's shoulder gets stuck behind the mother's pubic bone during childbirth. It is one of the most feared conditions that can occur during labor and delivery. Potential injuries include injury to the nerves of the baby's arm and shoulder, brain damage and sometimes death.

"Acquiring CALM Shoulder Screen for the benefit of our patients was an obvious choice" commented Frank Caso, President and CEO of Regional, whose group selected and licensed the program from LMS. "We are also very pleased that our carrier has recognized the value of this risk management initiative."

"Shoulder dystocia is one of the scariest crises to occur in obstetrics. Applying ShD maneuvers together with guidelines from the American College of Obstetricians and Gynecologists (ACOG) are simply not enough" commented Dr. Kay, FACOG and Chairman of Regional. "We believe the CALM Shoulder Screen will not only help us to identify the higher risk mothers and take action to avoid a significant number of persistent injuries, but also help us to properly identify those lower risk mothers who have a chance of delivering without unnecessary intervention."

"Injury related to shoulder dystocia has long been thought to be unpredictable and unpreventable to the OBGYN community," commented Diane Côté, CEO of LMS. "The initiative taken by groups such as Regional is a true indicator that this is becoming an echo of the past."

About Regional Women's Health Group: Regional Women's Health Management, LLC (Regional) is a physician-owned New Jersey based Limited Liability Company. The company's physician owners are all board certified in either obstetrics and gynecology or reproductive endocrinology.

Regional and its client physicians manage hospital-based women's clinics, women's imaging services, multi-location fertility services, provide in-hospital 24/7 coverage for Obstetrics and Gynecology (OB/GYN), train medical students and manage 20 OB/GYN offices.

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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