

LMS MEDICAL SYSTEMS INC. ANNOUNCES COMPLETION OF PRIVATE PLACEMENT

For Immediate Release

Montreal, Quebec -- April 5, 2004: LMS MEDICAL SYSTEMS INC. (TSXV:LMZ), a healthcare technology company, today announced the completion of a previously announced private placement financing having issued 3,000,000 common shares at a price of \$4.00 per share for gross proceeds of \$12,000,000. Kingsdale Capital Markets Inc. acted as agent for a portion of the private placement and in such capacity placed 1,000,000 common shares, raising gross proceeds of \$4,000,000. LMS paid Kingsdale a cash commission equalling 6% of the gross proceeds raised by Kingsdale. The proceeds of the private placement will be used to further the business endeavours of LMS, as described in the filing statement of the company dated March 23, 2004. The common shares issued pursuant to the private placement are subject to a four-month hold period expiring August 3, 2004.

About LMS:

LMS Medical Systems is a leader in the medical use of advanced mathematical modeling and neural networks. The LMS product 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.

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Statements about this financing 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 any 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.