



Trade Press Release

CAE Healthcare presented its childbirth simulator for the first time in Canada

Montreal, Canada, May 27, 2014 – CAE Healthcare presented today its new CAE Fidelis Maternal Fetal Simulator at the Centre intégré d'enseignement et de formation (CIEF) of the Centre hospitalier de l'Université de Montréal (CHUM), in Montreal. It is the first time that the simulator is presented to media in Canada.

A doctor and a nurse from CHUM's birthing centre demonstrated the use of the simulator which reproduces many aspects of labour and delivery: it breathes, talks, bleeds, simulates contractions and gives birth to a crying baby. They conducted a shoulder dystocia simulation, one of many other obstetric emergencies that can be simulated.

"We must not underestimate the importance of simulation in the training of healthcare professionals," said Dr. Marie-Josée Dupuis, Chief Learning Officer of the Grande École at the CHUM and obstetrician-gynecologist. "Simulated exercises allow the healthcare team to practice procedures that are important for patient safety and comfort. Though it may seem a paradox, simulation mannequins help to humanize care."

Based on widely accepted and validated models of maternal-fetal physiology, the childbirth simulator offers human-like vital signs and responses for practice of obstetrical emergencies and labour and delivery scenarios.

"Our birthing simulator is the most realistic and versatile childbirth simulator on the market today. We developed the CAE Fidelis Maternal Fetal Simulator to help healthcare professionals improve their training and patient outcomes," said Dr. Robert Amyot, President of CAE Healthcare. "The healthcare field is seeking advanced tools for inter-professional training that can prepare teams to manage emergencies requiring rapid response, technical skills, teamwork and communication."

The CAE Fidelis Maternal Fetal Simulator is a medical robot with pupils that dilate or constrict, measurable vital signs, a blood reservoir to simulate post-partum hemorrhage, and a birthing process with the delivery of a fetus through the birthing canal. The mother has palpable soft skin, simulated uterine contractions as well as leg and hip articulations for practice of childbirth positioning and manoeuvres. The fetal vital signs respond to labour and delivery treatments and manoeuvres, and the simulator produces APGAR scores. The simulator detects and records birth positioning and treatments for post-simulation assessment and review.

The *American College of Obstetricians and Gynecologists*¹, quotes the fact that about 140 000 women worldwide die from post-partum hemorrhage each year – 1 woman every 4 minutes. The CAE Fidelis Maternal Fetal Simulator helps prepare healthcare professionals for these critical situations.

CAE Healthcare did the research and development for this simulator in Montreal and in partnership with world-renowned obstetricians.

To learn more about the CAE Fidelis Maternal Fetal Simulator, visit www.caehealthcare.com. High-resolution photos of the simulator are available in our photo gallery at www.cae.com/photos.

About CAE Healthcare

CAE Healthcare offers cutting-edge learning tools to healthcare students and professionals, allowing them to develop practical experience through risk-free simulation training before treating real patients. CAE Healthcare's full spectrum of simulation solutions includes surgical and imaging simulation, curriculum, the LearningSpace audiovisual and center management platform and highly realistic adult, pediatric and baby patient simulators. Today, approximately 8,000 CAE Healthcare simulators are in use worldwide by medical schools, nursing schools, hospitals, defense forces and other entities. www.caehealthcare.com

About CAE (NYSE: CAE; TSX: CAE)

CAE is a global leader in providing comprehensive training solutions based on world-leading simulation technology and integrated training services. The company employs 8,000 people at more than 160 sites and training locations in 35 countries. Our vision is to be our customers' Partner of Choice and we take a long-term approach to customer relationships. We offer our civil aviation and defence and security customers a complete range of highly innovative product, service and training centre solutions designed to help them meet their mission critical needs for safety, efficiency and readiness. We provide similar solutions to customers in healthcare and mining. CAE has the largest installed base of civil and military flight simulators, supported by a range of after-sales services, and has been serving the needs of its customers for nearly 70 years. We have the broadest training services network in the world and offer civil aviation, military and helicopter training services in 67 locations worldwide and train more than 120,000 civil and military crewmembers annually. www.cae.com

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1. American College of Obstetricians and Gynecologists. Practice Bulletin #76: Postpartum Hemorrhage. Obstet Gynecol 2006; 108: 1039-47. http://www.acog.org/~media/Districts/District%20II/PDFs/Final_Hemorrhage_Web.pdf

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