

Trade Press Release

CAE Healthcare releases first musculoskeletal ultrasound training model for joint injections of the knee

Montreal, Canada, December 3, 2015 – CAE Healthcare announced today that it has created the world's first training model for ultrasound-guided evaluation and procedures for knee conditions and injuries. The CAE Blue Phantom Musculoskeletal (MSK) ultrasound training model will allow clinicians in training and certified healthcare providers to practice assessment exams and repeated needle procedures in a safe environment before scanning real patients.

The ultra-durable ultrasound model incorporates all of the anatomy required to teach and practice the psychomotor skills associated with joint injections and with aspirations associated with rheumatologic conditions. It was designed for both ultrasound-guided and landmark-based procedural training.

"Musculoskeletal ultrasound is one of the fastest growing segments of point-of-care ultrasound," said Dr. Robert Amyot, President of CAE Healthcare. "We are excited to deliver a cost-effective training model for orthopedic and rheumatology programs that will allow learners to increase their precision and accuracy when performing needle procedures."

Practitioners use ultrasound on the knee to view bones, nerves, tendons, ligaments and fluid in order to diagnose arthritis, tendon tears, masses, lesions and complications of surgical procedures. For patients, ultrasound provides better comfort, less exposure to radiation and lower cost than computed tomography (CT) scans or magnetic resonance imaging (MRI).

Blue Phantom models are made of patented SimulexUS tissue, which has proven to be self-sealing through 1,000 or more needle sticks. The models simulate the acoustic properties of human tissue and are designed for practice with real ultrasound machines. Based on digital scans of the knee, the Blue Phantom MSK ultrasound model includes practice cases with different sizes of effusions, cases requiring aspiration (fluid removal), anesthesia injection and more.

To learn more about the Blue Phantom MSK model, visit www.bluephantom.com

Watch a video of the Blue Phantom MSK model>

Download an image>

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 9,000 CAE Healthcare simulators and audiovisual solutions are in use worldwide by medical schools, nursing schools, hospitals, defence forces and other entities. www.caehealthcare.com

About CAE

CAE (NYSE: CAE; TSX: CAE) is a global leader in the delivery of training for the civil aviation, defence and security, and healthcare markets. We design and integrate the industry's most comprehensive training solutions, anchored by the knowledge and expertise of our 8,000 employees, our world-leading simulation technologies and a track record of service and technology innovation spanning seven decades. Our global presence is the broadest in the industry, with 160 sites and training locations in 35 countries, including our joint venture operations, and the world's largest installed base of flight simulators. Each year, we train more than 120,000 civil and defence crewmembers, as well as thousands of healthcare professionals. www.cae.com

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- 30 -

This press release was issued to trade media.

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