



CRDAMC Simulation Center



JUNE 2012

CAE Laparoscopy Simulator

The Central Simulation Committee (CSC) focuses on surgical proficiency and retention of skills by working with Canadian Aviation Electronics (CAE) the Laparoscopy VR (LapVR) simulator measures essential competencies that range from camera control, peg transfer, cutting and suturing to surgical skills like laparoscopic cholecystectomy and bilateral tubal occlusion.

Surgical cases/skills can be uploaded into a individual learning plan based on the instructor assigned learner competencies. Performance measurement standards as well as quantitative reports can be produced by this simulator to measure progress. Both CAE laparoscopy simulator and SimMan 3G provide an optimal patient care training event for your team.



“Trained, Competent and Ready”



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Laerdal's SIMMAN 3G

Provide safer patient care by with Laerdal's SimMan 3G's; this simulator comes with advanced features and pre-programmed scenarios to improve training outcomes and staff development.

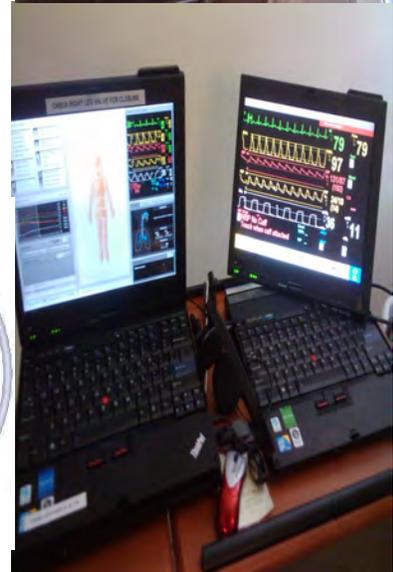
This simulator operates wirelessly and is composed of a vital signs monitor and a control monitor for the instructor. In addition the microphone allows the instructor to simulate the patients voice and a video camera for play back of trainees performance.

The following physiological capabilities of SimMan 3G can be used to assess specific treatment competencies:

- Airway increased right and/or left lung resistance
- Ventilation Sensor
- Inflatable tongue edema
- Cyanosis
- Spasms / Seizures

- IO insertion
- Automatic drug recognition
- Ventilation measurement and feedback
- Abdominal thrust
- Secretions: Sweat, tears, CSF, froth and active bleeding
- Compression measurement and feedback
- Detailed CPR evaluation
- Dilated pupil
- Light sensitive pupils
- Blinking eyelids

Contact the Simulation Center at 254-553-2070 for scheduling your next event.



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