

# CRDAMC Simulation Center

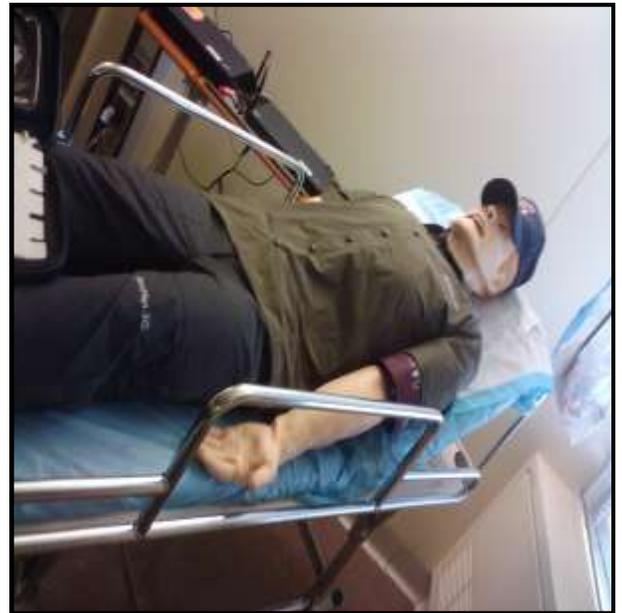
APRIL 2014

## Assessment and Diagnostics

Patient assessment and diagnostic skills are critical in providing exceptional patient care. Patient health, family history, and environmental variables must be taken into consideration when diagnosing and dispositioning patients. Using simulation training scenarios can add to competence in these areas by providing a risk free environment where errors are allowed, corrections are made, and scenarios repeated to allow real time learning to occur.

SimMan 3G is one of our most advanced Human Patient Simulators. It has 15 heart sounds, 9 lung sounds, and 10 pulse sites for assessment. SimMan 3G also has 32 Advanced Cardiac Life Support scenarios for Code Blue Training. All of these training activities can be recorded for review and debriefing.

Another diagnostic training tool is the Ultrasound Focused Assessment for Trauma Simulator. This simulator has 52 pathologies and a tutorial application that provides anatomical orientation for the user by listing specific tissue and structure names. An added feature allows the assessment of the trainee's knowledge while manipulating the probe in the identification of internal organs and structures.



Human patient simulator



Ultrasound Focused for Trauma Simulator

**“Trained, Competent and Ready”**

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## Assessment and Diagnostics

The Infant Auscultation Simulator presents a full range of sounds to include: heart, bowel, and lung sounds. Using this model in your curriculum provides many instructor options such as the ability to change sounds via remote control (range up to 100 feet) and extra student stethoscopes. For class lectures and large training sessions the stethoscope can plug into external speakers.

Our newborn infant simulator has everything needed to assess students' ability to perform CPR and NRP. Resuscitative efforts are measured and feedback is provided via camera recording. Assessment features include: seven heart sounds, lung sounds, bowel sounds, and brachial, carotid and apical pulse sites.

The CRDAMC Simulation Center has multiple simulators that can be used for Code Blue training and skills development.

Contact the Simulation Center at  
**254-553-2070**  
to schedule your next event or visit our new site on the CRDAMC Intranet in the "Department and Services" Blue Button.

<https://intranet.crdamc.amedd.army.mil/Services/>



Infant Auscultation Simulator



Newborn Infant Simulator

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