Description

SimMan® is a full body, high-fidelity, adult mannequin. Most commonly used to reproduce clinical scenarios that require decision-making and interventions.

SimMan® can be programmed to "respond" like a real patient with changing vital signs: heart rate, rhythm, blood pressure, respiration, and or to replicate a variety of disease states such as pneumo-thorax, airway obstruction, and cardiac arrhythmia.

Common learning activities include IV access, intubation, chest tube insertion, defibrillation and injections. Respiration, cardiac output, CVP, wedge or arterial pressure can be displayed on the patient monitor. Heart, lung, bowel sounds and interchangeable genitalia are available. Simulated blood, urine, mucous or vocals can be used to enhance a teaching scenario.

General Strengths & Weaknesses

UMMS users report the major strength of any physical mannequin is the opportunity for students to practice skills without risk to live patients. Teaching with the mannequin offers the opportunity to teach team discussion and collaboration in small groups.

General weaknesses reported include 1) the need for faculty presence [in the Simulation Center], 2) the high cost of acquiring and maintaining mannequins, 3) and the number of small group sessions necessary to effectively teach large classes.

One UMMS user reports: *"…need at least 2-3 faculty per session to deliver good education…need to run multiple sessions for large group over significant time period…"*

Peer Resources

Michael Ennis
Melissa Fischer
Dawn Fraga
Janet Hale
Debra Heitmann
Maurice Joyce
Tracy Kedian
Mark Manning
Erin McMaster
Tiffany Moore Simas
Linda Pape
John Paraskos
Ann Perla
Shahrzad Shidfar
Hugh Silk
Melinda Taylor*
Stacy Weisberg
Paul Zgurzynski

UMMS Information Services Support

SimMan®* is **supported by the UMMS Simulation Center ; *contact Melinda Taylor* directly.

For more information:

Laerdal (vendor) website

Laerdal (vendor) product brochure