

MEDICAL SIMULATION TEAM

Liz Artz

Simulation Sales Manager

BMK VENTURES & MARKETING ASSESSMENT INC.



WHY SIMULATION?

Medical simulation is a branch of simulation related to education and training in medical fields of various industries.

Simulations can be held in the classroom, in situational environments, or in spaces built specifically for simulation practice.

SIMULATION VENDORS 2021

7 Sigma Simulations

Hudson Simulation

Interact Solution

Laerdal Medical

North American Rescue
Simulation

Pocket Nurse

Strategic Operations



7 SIGMA SIMULATION SYSTEMS- AIRWAY MGMT

- **Features:**
- Realistic facial features and skin tone
- Realistic biomechanics of the jaw, neck, tongue, and epiglottis
- Supports Sellick Maneuver training
- Realistic mass distribution reinforces proper patient positioning techniques
- Supports both oral and nasal intubation
- Supports confirmation of intubation via auscultation and chest excursion (chest rise)
- Accurate simulation of common intubation errors such as right mainstem intubation and esophageal intubation
- Full range of motion of head and neck: 40 degrees left and right of center and full tilt to the “Sniff” position
- Faithful recreation of vocal cords, tracheal rings, and bifurcation geometry



HUDSON SIMULATION RESPIRATORY TESTCHEST

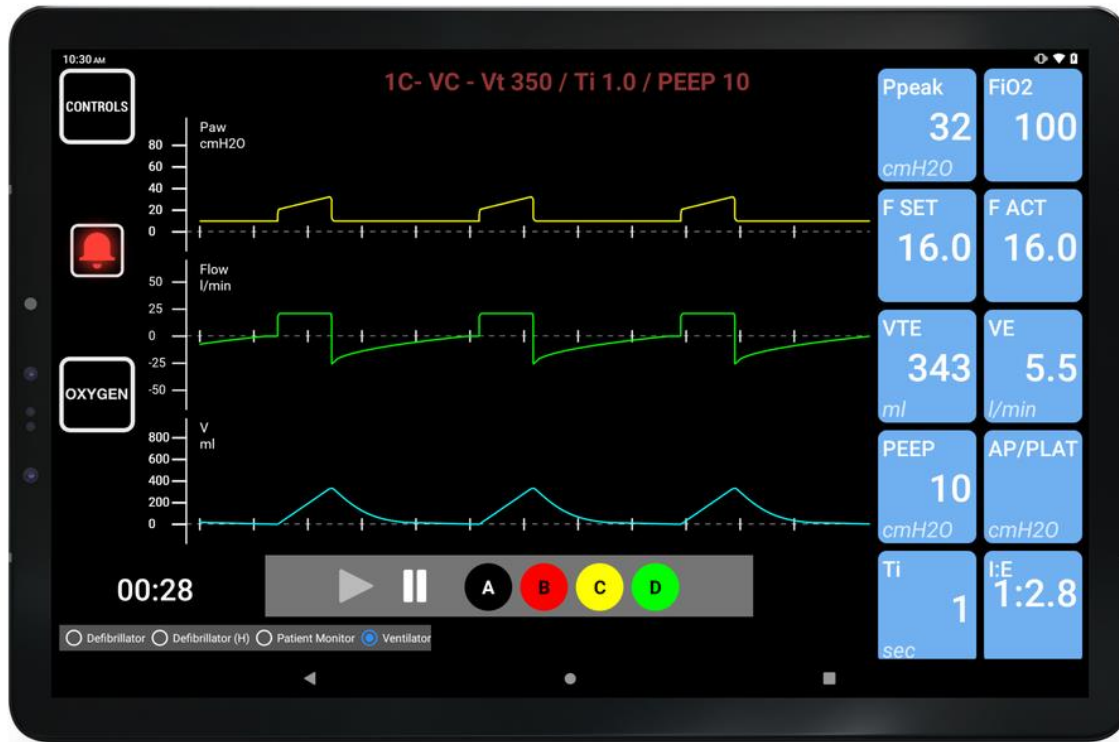


- Created by Organix GmbH
- TestChest is an innovative full physiologic artificial lung that provides a breakthrough in mechanical ventilation training.
- TestChest promotes a safe and controlled environment free from the risks of the clinical environment.
- www.ventisim.com

HUDSON SIMULATION RESPIRATORY VENTISIM

SIM VENT, AED, AND 10 MORE MONITORS

COMES WITH 3 TABLETS- INSTRUCTOR,
STUDENT, CLASSMATE



- Autonomous lung model replicated reaction of patient on ventilator

- Dynamic lung compliance and resistance to airflow modeling

- Patient respiratory effort (rate, I:E ratio, paralyzed)

- Variable flow patterns

- Settings are adjustable by the learner, 2 way communication

- Includes hemodynamic monitoring on separate toggle screen

- Comprehensive case based curriculum covering major disease categories including COVID-19

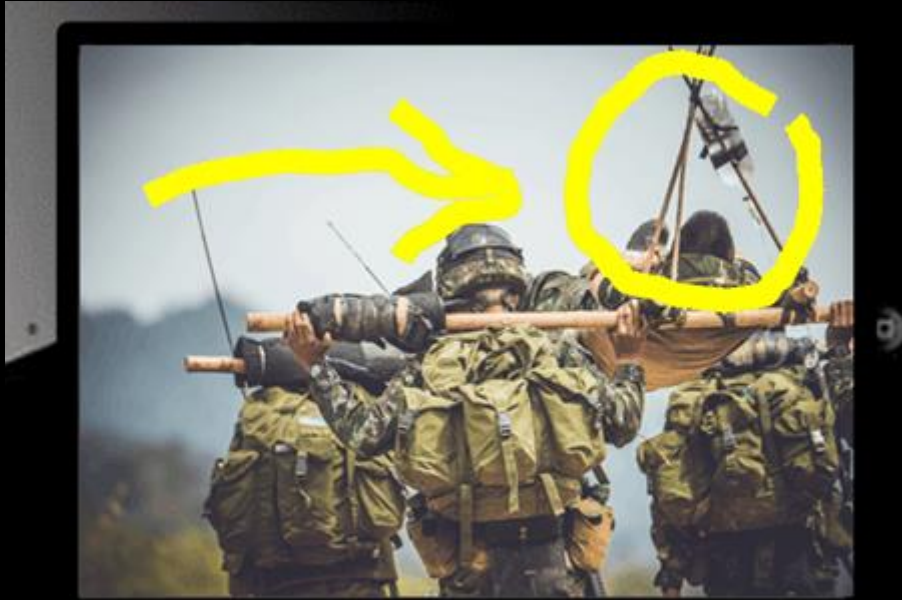
- Simulates a wide range of physiologic complications: tension pneumothorax,

- bronchospasms, tube disconnect, pulmonary embolism, cardiac arrest and more

LAERDAL MEDICAL



- Simulation & Training Resuscitation Training
- Emergency Care & Trauma
- Nursing & Patient Care
- Obstetrics & Pediatrics
- Manage, Assess, Debrief
- Skills Proficiency Airway Management Trainers
- Defibrillation & Cardiology
- Neonatal Skill Trainers
- Venous & Arterial Access
- Ultrasound



The Military Medical Simulation experts are **LOVING** Interact Solution Simulation Software for their training needs. Sole source video capturing, mobile capabilities, unique customized check in, military specific scenarios, and a scheduling tool that was made with our **US ARMY** and **US NAVY** Hospitals both **CONUS** & **OCONUS**.

INTERACT SOLUTION

It's Simplicity That Works!

Interact is an audio-video simulation management system designed to record, organize and grade student simulations. Instructors can create and/or upload student rubrics, bookmark and annotate simulation videos and delivers immediate feedback for formative development.

Our solution also boasts the most comprehensive approach to content storage, accessibility and dissemination.



NORTH AMERICAN RESCUE SIMULATION

•All-in-one, hyper-realistic trauma simulator enabling instructors to build multiple realistic traumatic casualty scenarios with reactive patients

•Industry-leading durable construction features a powder-coated, welded steel frame, solid steel joints and rugged silicone skin with extremities interchangeable between all TOMM platforms

•Equipped with Advanced Remote Tablet and Software enabling wireless control of up to 12 TOMMManikin units with capabilities of bleeding, breathing, multiple voice tracks, pulse rates, pulse pressure and realistic responses to responder interventions

•Intervention capabilities include tourniquet application, airway management (basic to advanced), needle decompression, chest tube, IV/IO, and wound packing

•Onboard power via a 12v / 5 amp & 10 amp standard rechargeable nickel metal hydride (NiMH) batteries with smart chargers included

•BASIC TOMMManikin features partial amputation to left arm, full amputation to

STRATEGIC OPERATIONS



Surgical Cut Suit

The Human Worn Partial Task Surgical Simulator (a.k.a. "Cut Suit") is the most realistic way to simulate the look, feel and smell effects of severe traumatic events on a live human, allowing first responders and physicians to safely perform real procedures.

From the point of injury (POI), to treatment enroute, and transition of care to surgical intervention. Combined with the Advanced Surgical Skills Packages (AASP) the Cut Suit is the world's only Hyper-Realistic[®] Open Surgery Simulator

STRATEGIC OPERATIONS

TCCC CUT SUIT/ EMS CUT SUIT

The main goals of Tactical Combat Casualty Care (TCCC/EMS) are to treat the casualty, prevent additional casualties, and complete the mission. The TCCC/EMS Cut Suit is especially suited to accomplish these goals in training.





SIM-X KITTING

SALES OPPORTUNITIES

ACLS KITS
ATLS KITS
HMTT KITS
INT/VENT KITS
R2LM KITS
TCCC KITS