














Human Patient Simulators - Adult

Simulator Name	Image	Description	Uses
Laerdal - SimMan® Essential		Full body wireless high-fidelity adult simulator with wireless capability designed for multidisciplinary healthcare trainings.	This manikin is versatile for use in airway management, catheterization, defibrillation and IV access.
Laerdal - SimMan® 3G		Full body wireless adult simulator with all of the features of 3G Essential, plus additional fluidics and convulsions features.	Allows easier INSITU simulations due to its wireless capabilities. 3G can also be used with a ventilator. Good for airway management, defibrillation, vascular access and catheterization.
Laerdal – SimMan® Classic		Full scale patient simulator which allows you to perform relevant ALS skills and scenarios.	Interactive manikin which gives you immediate feedback to interventions. Enhanced airway offers realistic anatomical landmarks, allowing the learner to acquire the necessary skills for accurate placement of airway management devices. Pre-programmed library of heart-lung, bowel and vocal sounds with adjustable sound volume.
Laerdal - SimMom®		High fidelity full body pregnant adult female simulator.	Used for prenatal and postnatal care training. Good for airway management, defibrillation, vascular access and catheterization and birthing simulations.


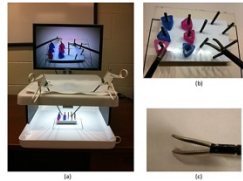


Simulator Name	Image	Description	Uses
Laerdal – MegaCode Kelly™		A full-body manikin designed for the practice of advanced, difficult and obstructed airway scenarios and IV therapy.	This flexible manikin platform, complete with scenario-based simulation curriculum provides a wide range of accessory modules to accommodate training, including CPR, ACLS, NBC, trauma, bleeding control and first aid.
Initial Response - Bariatric Manikin		Bariatric training manikin, 400 pounds, comes with a Gendron hydraulic bariatric stretcher.	Anatomically correct weight distribution gives the “feel” of an unconscious person, helping to improve pre-hospital clinical care. Manikins are designed for a team of at least 4-6 people to rescue, and are supplied complete with a carrying sheet to assist in carrying and positioning the manikin. The neck provides the ability to fit an immobilization/extrication collar if required - to promote proper casualty care.

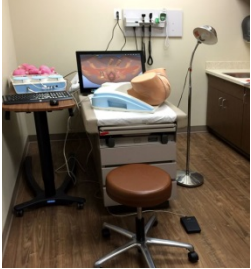

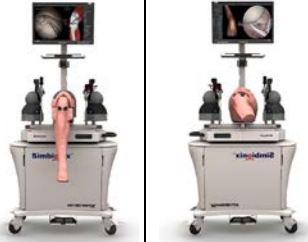
Human Patient Simulators - Pediatric

Simulator Name	Image	Description	Uses
Laerdal - SimJunior®		Full body high-fidelity pediatric manikin; comes with interchangeable trauma modules	A wide range of pediatric emergency scenarios including airway management, IV and defibrillation training.
CAE Healthcare – Pediatric Emergency Care Simulator (PECS)		Full body high-fidelity pediatric emergency care simulator.	A wide range of pediatric emergency scenarios including airway management, needle decompression, defibrillation and IV training.
Gaumard – Super Tory™		Neonatal manikin designed for care specialist training in real environments. Active movement, true ventilator support, real patient monitoring.	Super Tory introduces a new level of anatomical and physiological fidelity that allows participants to rehearse advanced-level algorithms, without compromising technique or clinical guidelines.
Laerdal - SimBaby™		Full body, high fidelity infant care simulator.	Useful for infant care scenarios, IV training, airway management and emergency care.
Laerdal - SimNewB®		Full body neonatal emergency care simulator.	Useful for airway management, umbilical training and neonatal emergency care training.
Laerdal – Premature Anne™		Realistically proportioned 25-week preterm manikin.	Designed to facilitate the training of healthcare professionals in the initiation of proper care and resuscitation of preterm infants.





Nasco Life/form – Micro Preemie®		Manikin represents a 25-week neonate.	Manikin allows for airway and ventilation, GI, umbilicus, IV access, chest tube & pressure ulcer training.
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Task Trainers





Trainer Name	Image	Description	Uses
ORSIM® Bronchoscopy Simulator		Small, portable, multi-scenario bronchoscopy trainer.	Portable unit with a full sized bronchoscope, and a variety of different scenarios to suit training needs.
VTI Medical – FLS Trainers		A task trainer specifically used for teaching the Fundamentals of Laparoscopic Surgery.	Aids in the development of motor skills and hand to eye coordination needed for successful laparoscopic surgery.
Olympus Lap Trainers		Olympus laparoscopic surgery trainer.	Advanced tower system includes separate power and illumination units, cameras and monitors designed for advanced laparoscopic surgery training.
Symbionix – GI-BRONCH Mentor		Endoscopic medical simulator for the training of gastrointestinal upper and lower endoscopic procedures.	Provides multiple training opportunities with true to life patient cases offering realistic scenarios of clinical situations, ranging from simple diagnostic procedures to advanced ERCP procedures and Endoscopic Ultrasound (EUS) procedures.





<p>Simbionix - Pelvic Mentor™</p>			<p>PELVIC Mentor™ is an integrated hybrid system that combines a physical mannequin with a computerized 3D virtual system.</p>	<p>Used for practice of pelvic examination. PELVIC Mentor™ utilizes sensors that are placed on the trainee’s finger. These sensors, combined with the mannequin and the 3D picture, enable the trainee to obtain a real-time indication of the finger palpation, abdominal press and cervix manipulation during anatomical recognition phase, or while performing a pelvic exam. The system tracks the trainee’s movements and provides a full performance report on the progress and level of the trainee.</p>
<p>HeartWorks – Transesophageal Echocardiography (TEE) Simulator</p>			<p>This simulator allows for real-time simulated TTE imaging of the virtual heart. The life-size manikin torso has soft skin with accurate, palpable anatomical landmarks to aid positioning of the hand-held ultrasound probe.</p>	<p>On the screen, there is the ability to simultaneously identify the position of the probe on the virtual chest as well as to see the orientation of the ultrasound plane. The anatomy display includes a representation of the chest wall, ribs, sternum and spine as well as great vessels, lungs, pericardium, diaphragm and liver. These structures are displayed in the ultrasound view with realistic effects on cardiac imaging.</p>
<p>Simbionix – Arthro Mentor™</p>			<p>Advanced arthroscopic training simulator for knee and shoulder arthroscopy procedure practice.</p>	<p>Used for the practice of arthroscopic surgery skills. The reduces training time and considerably improves the learning curve of the complex surgery techniques.</p>







Skills Trainers





Trainer Name	Image	Description	Uses
SimuLab - TraumaMan		Advanced trauma surgical simulator.	Used for cricothyroidotomy, chest tube insertion, pericardiocentesis, needle decompression, percutaneous tracheostomy, diagnostic peritoneal lavage, IV cutdown, incision and suture training.
SimuLab - TraumaChild		Advanced pediatric trauma surgical simulator.	Used for cricothyroidotomy, chest tube insertion, pericardiocentesis, needle decompression, percutaneous tracheostomy, diagnostic peritoneal lavage, IV cutdown, incision and suture training.
SimuLab - CentraLine Man		Central venous catheterization training and ultrasound training.	Used for practice of full central venous catheterization using ultrasound guided or blind/landmark insertion approaches at the subclavian, supraclavicular, and internal jugular access sites.
Simulab PacerMan™		Manipulate the pacing generator and interact with a transvenous pacing catheter and introducer kit, obtain electrical capture	Real-time vitals including heart rate, arterial blood pressure, non-invasive blood pressure and oxygen saturation, Simulated defibrillator for transcutaneous pacing and transition of care, ECG tracing that presents intracardiac location waveforms representing the Superior Vena Cava, Right Atrium, Right Ventricle, Inferior Vena Cava, Pulmonary Artery and Current of Injury Pattern, and Set up an additional monitor to simulate a stand-alone patient monitor





<p>Laerdal – IV Training Arms</p>		<p>Arm reproduction with multi-vein system designed for peripheral intravenous therapy.</p>	<p>Adult male, female and pediatric IV arm used for IV insertion training.</p>
<p>Gaumard – S.M.A.S.H. Advanced IV Training Arm</p>		<p>Arm reproduction with multi-vein system designed for peripheral intravenous therapy.</p>	<p>Arterial and Venous insert for IV training, venipuncture practice, blood draw exercises, AV anastomosis, and placement of AV grafts.</p>
<p>Laerdal - Intubation Trainers – (Adult/Pediatric/Neonate)</p>		<p>Infant, pediatric and adult head and torso body forms with airway.</p>	<p>Used primarily for practicing proper insertion and removal of intubation tubes for maximum effectiveness.</p>
<p>Laerdal - Airway Management Trainers</p>		<p>Adult, pediatric and infant head and torso trainers for practicing airway management skills.</p>	<p>Used for BVM training, nasal and oral intubation training, and LMA/Combi-Tube training.</p>
<p>Limbs & Things - Knee Aspiration</p>		<p>Adult male knee attached to a base unit for stability during training.</p>	<p>This specialized model is used for training in the technique of synovial fluid aspiration and identifying anatomical landmarks.</p>
<p>Limbs & Things - Hand/Wrist Injection</p>		<p>Adult articulated hand and wrist injection trainer.</p>	<p>Used for practicing soft tissue joint injection in the hand and/or wrist area for the treatment of injuries and arthritis.</p>






Limbs & Things - Male/Female Catheterization Trainer		The catheterization trainers allow the trainee to learn urinary catheterization techniques. The feel of the catheter passing along the urethra into the bladder corresponds closely to real life.	Correct handling of male and female anatomy, aseptic catheterization technique, catheter placement: accepts catheters from 14-16, French (male) and 12-16 French (female), and fluid management and withdrawal of catheter.
Limbs & Things - Shoulder Injection		Adult shoulder injection trainer.	For practicing soft tissue joint injection in the shoulder area used for the treatment of injuries and arthritis.
Limbs & Things – Colonoscopy Trainer		Designed for practicing colonoscope handling and techniques.	Presents a wide range of challenges to learners performing a colonoscopy, from simple and uncomplicated cases to difficult and sensitive variations and provides the necessary training required to avoid patient pain and discomfort during an examination.
Limbs & Things – Endoscopy Trainer		Specifically designed to meet the new training requirements of the American Board of Surgery Flexible Endoscopy Curriculum, which applies to all applicants training from 2017-2018 academic year onwards.	Scope manipulation: Performing basic endoscopic navigation, using scope torque and dial control to align 10 sequential shapes within the lumen Tool targeting: Learning the skills of hand-eye co-ordination required for biopsy, connecting to 10 metal

<p>Nasco - Fetal Monitoring Labor Progress</p>		<p>The fetal monitoring and labor progress model set provides students with a realistic simulation of vaginal examinations,</p>	<p>This fetal and labor model set is an excellent tool for teaching nursing, medical, or midwifery students. This lifelike 3D model includes:</p> <ul style="list-style-type: none"> • Fetal head • Lower uterine segment • Cervix • 4 Interchangeable cervical dilation models
<p>Nasco – Abdominal Palpation Model</p>		<p>Used to demonstrate palpation of the abdomen to determine fetal lie, presentation, and position.</p>	<p>The ability to perform Leopold's Maneuvers and provide immediate visualization of the fetus after demonstration of the palpation skills is an advantage in teaching health professionals and students. Allows for visualization of the concepts of breech and vertex presentations as well as anterior and posterior positions.</p>
<p>OtoSim™ - Otolaryngology Trainers</p>		<p>Small, portable trainer with realistic ear form and software including image library consisting of over 200 images.</p>	<p>Simulation and training device used for otolaryngology training.</p>
<p>SawBones® - Suture Trainers</p>		<p>Portable desktop skills trainer with adjustable skin tension.</p>	<p>For suture training and and knot tying skills.</p>

Limbs & Things - Prostate Exam Trainers		Rectal examination model comprises a realistic representation of the buttocks, anus and rectum.	Used for the practice of diagnostic skills associated with rectal examination.
Simulab - Foreign Body Ultrasound Trainer		Ultrasound practice trainer used to identify imbedded foreign object.	Practice using ultrasound to identify various foreign items in simulated tissue, including: a nail, wood splinter, needle, glass shard, bullet, two BBs, and metal fragments.
Nasco Life/form® – Spinal Injection Simulator		Lumbar puncture trainer used for training for palpation of landmarks, lumbar puncture, CSF collection, CSF pressure measurement and epidural anesthesia.	Lumbar puncture simulator closely simulates the lumbar anatomy including the anatomical landmarks. Provides life-like sensation of both skin and tissue resistance to the spinal needle. Allows students to measure CSF fluid pressure, collect CSF fluid and epidural anesthesia procedures under clinically realistic conditions.
Vidacare - EZ-IO		Provides peripheral venous access with central venous catheter performance.	Uses the intraosseous space of the humerus, tibia, and distal femur as a large, non-collapsible vein.
Laerdal – Infant IV Leg		The infant IV leg is designed for training extremity venipuncture procedures and intravenous fluid administration in the superficial veins of the foot.	The infant IV leg is designed for training extremity venipuncture procedures and intravenous fluid administration in the superficial veins of the foot.
Laerdal - Baby Arti		Full size, lifelike reproduction of an infant arm.	Designed for training in the practice of radial artery puncture.




Zoll – AED Trainer		Life size, lifelike reproduction of a human torso.	Used for AED and defibrillator training.
Ethicon - Knot Tying Boards		Small, portable and light weight knot tying trainer.	Used for knot tying and suture practice.
Sawbones® - Centesis Trainer		Life size reproduction of a human torso used for thoracentesis/paracentesis training.	The thoracentesis/paracentesis trainer allows for the diagnosis of pleural effusion and therapeutic removal of pleural air or liquid.
Vata - Chester Chest™		Lifelike model of human torso with detachable right arm designed for the insertion, care and removal of common long-term vascular access routes.	Chester Chest™ is a teaching tool that enables clinicians and others to develop competence with three of the most common types of long-term vascular access routes within one simple training aid. Chester Chest™ is provided with a pre-positioned surgically placed central catheter and peripherally placed central catheter. The distal ends of each catheter are attached to "blood" reservoir bags. The external jugular vein is slightly raised with an opening for your catheter placement, permitting the practicing of dressing techniques.




<p>Blue Phantom - Nerve Block Central Line Trainer</p>		<p>Realistic anatomy of the upper thorax and neck. This ultrasound simulator contains vascular anatomy including the internal jugular vein, brachiocephalic vein, subclavian vein, axillary vein, carotid artery, subclavian artery and axillary artery.</p>	<p>Used to complete central line placements of the internal jugular and subclavian vein - including needles, guidewires, dilation and threading of catheters.</p>
<p>Blue Phantom - Intra Jugular (IJ) Central Line Trainer</p>		<p>Compact and lightweight internal jugular ultrasound phantom training model.</p>	<p>Internal jugular ultrasound phantom model provides ultrasound imaging and allows you to perform complete central line placements of the internal jugular vein – including needles, guidewires, dilation, and threading of catheters.</p>
<p>Nasco Life/form® - Intradermal Injection Trainer</p>		<p>Forearm body form used for practicing giving intradermal injections.</p>	<p>Used for training in microinjections between the layers of the skin.</p>
<p>Laerdal – NG/Trach Trainer</p>		<p>Head features anatomical landmarks, trachea, esophagus, simulated lungs and stomach Lungs and stomach may be filled with fluid for realistic practice of many procedures.</p>	<p>Used for the following:</p> <ul style="list-style-type: none"> • Tracheostomy care • Tracheal suctioning • NG tube insertion • Removal NG tube irrigation, instillation and monitoring • Feeding tube insertion and removal • Gastric lavage and gavage • Nasoenteric and esophageal tube insertion, care and removal • Oropharyngeal and nasopharyngeal insertion and suctioning • Insertion, securing and care of endotracheal tubes.

Kyoto Kagaku – Lumbar Puncture Trainer		Closely simulates the lumbar anatomy including the anatomical landmarks. Provides life-like sensation of both skin and tissue resistance to the spinal needle.	Allows students to both collect CSF fluid and measure CSF fluid pressure under clinically realistic conditions, and a separate anatomical model of the lumbar spine to facilitate anatomical understanding. Includes a transparent puncture block for direct observation of both the anatomy and the spinal needle path.
SimuLab – LumbarPuncture Baby		Anatomically correct two week old infant with flexible body form.	Use of the lateral decubitus and sitting positions for pediatric lumbar puncture, palpate external landmarks, and proper technique for lumbar puncture (spinal tap) procedure on an infant.
Blue Phantom – Ultrasound General Pathology Pelvic Exam Trainer		Simulated human tissue providing a realistic training model. Anatomically accurate external anatomy.	Offers users a training platform for teaching and learning how to perform endovaginal ultrasound procedures using their own ultrasound system.
Gaumard – IV Arterial/Venous		Accurate physical representation of an adult male arm.	This IV training arm simulator is designed for essential training in the procedures of venipuncture, IV, blood collection, infusion, and intravenous injection training.
Medical Plastics Laboratory Inc. - Baby Umbi		Female newborn infant reproduction designed for the practice of umbilical catheterization.	Designed with retractable umbilical cord for the practice of umbilical catheterization. Two arteries and vein molded into umbilical cord facilitate: <ul style="list-style-type: none"> • Low UAC • High UAC • Umbilical Vein Catheter Securing and dressing procedures may be practiced.

<p>Simulaids - Gynecologic Trainer</p>		<p>A lifelike female pelvis for developing diagnostic skills in gynecologic procedures, anatomical instruction, abdominal palpation, and speculum instruction.</p>	<p>Allows the comprehensive, stress free introduction of gynecological examinations, or more advanced tactile comparisons of pelvic pathologic conditions in a classroom setting easing the way into clinical experience.</p>
<p>Laerdal - Femoral Access Trainer</p>		<p>A lifelike manikin pelvis, which realistically simulates that of a patient.</p>	<p>Specifically designed for training professionals in the practice of accessing the femoral artery and vein.</p>
<p>Gaumard Scientific - Breast Palpation Trainer</p>		<p>Lifelike human female upper torso used for breast examination techniques.</p>	<p>This simulator offers an excellent training platform on which breast examination techniques may be demonstrated.</p>
<p>Laerdal - PROMPT Birthing Simulator</p>		<p>Adult female torso and fetus reproductions used for birthing training.</p>	<p>Enables instructors to effectively teach the complexities associated with birthing. Participants can experience childbirth and practice the skills required for successful deliveries.</p>
<p>EpiMed - Genesis Lumbar Puncture Trainer</p>		<p>The Genesis Epidural-Spinal Injection Simulator is the ideal training simulator for common neuraxial blocks.</p>	<p>Genesis gives the ability to demonstrate routine neuraxial procedures such as epidural loss of resistance, Lumbar puncture, Epidural and spinal catheter placement, and combined spinal epidural technique. The realistic loss of resistance and fluid filled intrathecal space for locating correct target sites is ideal for learning lumbar block proficiency.</p>

Life Support Program Trainers

Simulator Name	Image	Description	Uses
Laerdal – Adult QCPR Manikin		Manikin is designed to provide high quality adult CPR training. Realistic adult human torso.	Provides life-like and educationally effective CPR training with feedback.
Laerdal - Pediatric CPR Manikin		Lifelike child CPR trainer.	Educationally effective by offering all of the essential features necessary for learning child CPR. Affordability through increased hands-on practice by allowing higher student-to-manikin ratios. Realistic anatomical landmarks provide the essential features necessary to teach quality appropriate CPR techniques.
Laerdal - Baby CPR Manikin		Offers all the essential features necessary for learning infant CPR.	Provides effective infant CPR training.

<p>Simulaids - Bariatric CPR Manikin – REMOVE?</p>			<p>This manikin helps to prepare students to respond to a more typical cardiac arrest event with a victim who is elderly and overweight.</p>	<p>Large body type with extra “fat” layer, realistic head tilt and chin lift for opening the airway, and palpable and visual anatomical landmarks, including the sternum, rib cage, and substernal notch. The airway can be manipulated to simulate airway obstruction or choking situations.</p>
<p>Laerdal - Voice-Assisted (VAM) Manikins</p>			<p>When an adult or infant CPR manikin is connected to the computer, this module allows the student to practice ventilation and CPR.</p>	<p>Demonstrate efficient single-rescuer bag-mask ventilation, and efficient single-rescuer CPR on an adult or infant manikin.</p>