










Patient Safety Training Center Simulation Equipment

Human Patient Simulators - Adult





Simulator Name	Image	Description	Uses
Laerdal - SimMan® Essential		Full body wireless high-technology 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® 3G Mystic		Full scale wireless trauma patient simulator which allows you to perform relevant ALS skills and scenarios.	Designed for indoor/outdoor scenarios (in fair weather). Many of the features commonly found in a Classic with 3G's wireless capabilities. Also has a full range of trauma modules.
Gaumard - Victoria		High-technology full body OB/GYN nursing/birthing simulator.	Used for prenatal and postnatal care training. Good for airway management, defibrillation, vascular access and catheterization and birthing simulations. Multiple "tummy" sections and perineum for various OB/GYN exams. Includes S.A.N.E training scenarios

Patient Safety Training Center Simulation Equipment





Simulator Name	Image	Description	Uses
Laerdal - SimLady		Full body wireless female adult simulator with wireless capability designed for multidisciplinary healthcare trainings. (previously our SimMom birthing manikin that has been re-purposed with a standard pelvis)	This female manikin is versatile for use in airway management, catheterization, defibrillation and IV access. Easy to moulage for various trauma scenarios.
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.
Laerdal - SimMan ALS		Full body manikin that provides a mobile, solution that trains pre-hospital and in-hospital emergency care skills.	This manikin covers skills training from basic assessment to advanced life-support skills. From pre-hospital, on-scene assessment and management to definitive care in a hospital.
MedicFx – Geriatric Manikin Faces (for SimMan 3G or SimMan Essential)		These faces apply directly over the existing manikin's face to add realism to training.	Manikins are still able to be intubated or have a BVM used on them. Does not affect other manikin functions. There are 4 masks available, geriatric male, geriatric female, and middle aged female.
Echo Mask/Oneaill FX Mask (fits, SimMan 3G)		Apply over SimMan 3G to add realistic age and trauma to your manikin	Add realism to scenarios without restricting manikin functions. Trauma mask allows use of fake blood to enhance scenario.

Patient Safety Training Center Simulation Equipment

Human Patient Simulators - Pediatric


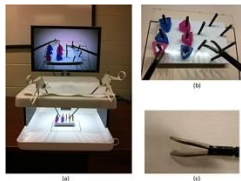


Simulator Name	Image	Description	Uses
Laerdal - SimJunior®		Full body high-technology pediatric manikin; comes with interchangeable trauma modules	A wide range of pediatric emergency scenarios including airway management, IV and defibrillation training.
LifeCast - Child *Can be loaned		Child based on a 6-8 year old weighing 28Kg approx. Ethnicity – Caucasian Hand punched hair	Step wise airway management with mouth, open nostrils, upper airway and lungs enabling bag/valve/mask, oropharyngeal airway, nasopharyngeal airway supraglottic airway and ET tube intubation CPR compatible Needle decompression insertion
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-technology infant care simulator.	Useful for infant care scenarios, IV training, airway management and emergency care.

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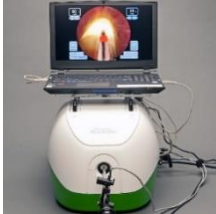

<p>LifeCast - Infant</p> <p>*Can be loaned</p>		<p>Based on 36+ week baby Weight 2.2g approx. Ethnicity – Hispanic Hand punched hair</p>	<p>Step wise airway management with mouth, upper airway and lungs enabling bag/valve/mask, oropharyngeal airway, supraglottic airway and ET tube intubation. CPR compatible, Umbilical cord – cannulatable with flashback, IV placement (no fluids)</p>
<p>Laerdal - SimNewB®</p> <p>*Can be loaned (manikin only)</p>		<p>Full body neonatal emergency care simulator.</p>	<p>Useful for airway management, umbilical training and neonatal emergency care training.</p>
<p>Laerdal – Premature Anne™</p> <p>*Can be loaned</p>		<p>Realistically proportioned 25-week preterm manikin.</p>	<p>Designed to facilitate the training of healthcare professionals in the initiation of proper care and resuscitation of preterm infants.</p>
<p>Nasco Life/form – Micro Preemie®</p> <p>*Can be loaned</p>		<p>Manikin represents a 25-week neonate.</p>	<p>Manikin allows for airway and ventilation, GI, umbilicus, IV access, chest tube & pressure ulcer training.</p>

Patient Safety Training Center Simulation Equipment

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 - Endo Trainer		Olympus Endoscopy trainer.	Advanced tower system includes separate power and illumination units, cameras and monitors designed for advanced endoscopic surgical training .
Simbionix – 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.

Patient Safety Training Center Simulation Equipment







Trainer Name	Image	Description	Uses
Boston Scientific – GreenLight Laser Simulator		The GreenLight Simulator allows surgeons to develop skills for performing laser ablation surgery.	Contains structured training cases that help surgical residents develop hand/eye coordination and device manipulation skills.
HeartWorks – Transesophageal Echocardiography (TEE) Simulator		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.	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 are displayed.

Patient Safety Training Center Simulation Equipment





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 - CentralLine 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.
*Can be loaned			
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.
*Can be loaned			





Patient Safety Training Center Simulation Equipment

Trainer Name	Image		Description	Uses
Laerdal - IV Torso			Allows practicing of intravenous access techniques for both advanced cardiac life support and trauma	Laerdal IV Torso enables the practice of IV access to the: <ul style="list-style-type: none"> • External jugular vein • Internal jugular vein via the anterior, central and posterior approach • Subclavian vein • Femoral vein
Laerdal – IV Training Arms *Can be loaned			Arm reproduction with multi-vein system designed for peripheral intravenous therapy.	Adult male, female and pediatric IV arm used for IV insertion training.
Gaumard – S.M.A.S.H. Advanced IV Training Arm *Can be loaned			Arm reproduction with multi-vein system designed for peripheral intravenous therapy.	Arterial and Venous insert for IV training, venipuncture practice, blood draw exercises, AV anastomosis, and placement of AV grafts.
SimuLab – ArteriaLine - ABG Trainer *Can be loaned			With this true to life hand and arm model, users can safely practice arterial cannulation, ABG and arterial puncture.	ArteriaLine and ABG Trainer allows educators to train ultrasound guided radial artery catheterization and perform complete continuous blood pressure measurement and blood gas sampling in critically ill patients.
Laerdal - Intubation Trainers – (Adult/Pediatric/Neonate) *Can be loaned			Infant, pediatric and adult head and torso body forms with airway.	Used primarily for practicing proper insertion and removal of intubation tubes for maximum effectiveness.




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Trainer Name	Image	Description	Uses
Gaumard – 1 Year Old Airway Management Trainer *Can be loaned		Pediatric full body trainer for practicing airway management skills.	Used for BVM training, nasal and oral intubation training, and LMA/Combi-Tube training.
Gaumard – 5 Year Old Airway Management Trainer *Life Support		Pediatric full body trainer for practicing airway management skills.	Used for BVM training, nasal and oral intubation training, and LMA/Combi-Tube training on a 5 year old pediatric patient. This manikin is housed with the Life Support Program.
Laerdal - Airway Management Trainers *Can be loaned		Adult, pediatric and infant head and torso trainers for practicing airway management skills.	Used for BVM training, nasal and oral intubation training, and LMA/Combi-Tube training.
Gaumard- Multipurpose Airway Management Trainer *Can be loaned		<ul style="list-style-type: none"> - Realistic airway with tongue, vocal cords, trachea, & the ability to simulate laryngospasms. - Nasal & oral Intubations, airway supports intubation using standard adjuncts: ETT, LMA, King LT® - Surgical airway Insert supports cricothyrotomy & tracheostomy. 	Designed to help you teach basic and advanced airway management as well as cardiopulmonary resuscitation. Helps learners learn to recognize laryngospasm and practice performing emergency tracheostomies and cricothyrotomies.

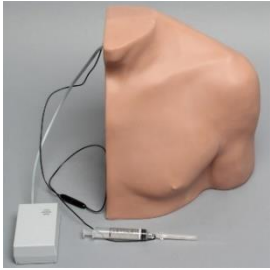



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Trainer Name	Image	Description	Uses
<p>Gaumard – Multipurpose Airway and CPR Trainer</p> <p>*Can be loaned</p>		<p>- Realistic airway with tongue, vocal cords, trachea, & the ability to simulate laryngospasms.</p> <p>- Nasal & oral Intubations, airway supports intubation using standard adjuncts: ETT, LMA, King LT®</p> <p>- Surgical airway Insert supports cricothyrotomy & tracheostomy.</p>	<p>Portable airway management and CPR skills trainer. Teach basic and advanced airway management as well as cardiopulmonary resuscitation. Learn to recognize laryngospasm and practice performing emergency tracheostomies and cricothyrotomies.</p>
<p>Tru-Corp - AirSim Bronchi Trainer</p> <p>*Can be loaned</p>		<p>Features internal anatomically correct detail down to the fourth generation bronchi, combined with the AirSim Airway and Nasal Passage. The model provides detail in both internal & external features. The carina, the bronchus & bronchioles can be identified by using a fibre optic laryngoscope.</p>	<p>The AirSim Bronchi will provide a solution to your training needs in:</p> <ul style="list-style-type: none"> • Direct and video laryngoscopy • Endo and naso tracheal tube insertion • Fibre optic examination • Supraglottic device insertion • Diagnostic bronchoscopy
<p>MedicFx – Big Clint Obese Cric Trainer</p> <p>*Can be loaned</p>		<p>Lifelike obese adult with fatty neck for practicing Cric skills</p>	<p>Used primarily for practicing identifying landmarks and proper insertion and removal of a cric tube.</p>
<p>Syndaver – Adult Cric Trainer</p> <p>*Can be loaned</p>		<p>Synatomy Adult Cric Trainer, realistic surgical training platform for cricothyrotomy</p>	<p>Learners perform nasogastric intubation and retrograde intubation. This model allows students to practice and repeat the technique on a high quality, live-tissue replacement platform in a biohazard-free environment.</p>





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Trainer Name	Image	Description	Uses
Limbs & Things - Knee Aspiration *Can be loaned		Adult male knee attached to a base unit for stability during training.	This specialized model is used for training in the technique of synovial fluid aspiration and identifying anatomical landmarks.
Limbs & Things - Hand/Wrist Injection *Can be loaned		Adult articulated hand and wrist injection trainer.	Used for practicing soft tissue joint injection in the hand and/or wrist area for the treatment of injuries and arthritis.
Limbs & Things - Male/Female Catheterization Trainer *Can be loaned		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.



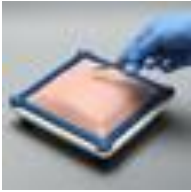


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Trainer Name	Image	Description	Uses
Limbs & Things - Shoulder Injection *Can be loaned		Adult shoulder injection trainer.	For practicing soft tissue joint injection in the shoulder area used for the treatment of injuries and arthritis.
Humorous Intraosseous Trainer *Can be loaned		Humerus Intraosseous (IO) Trainer is used to train the access procedure for fluid management. Humerus access is now often recognized as the best alternative when IV access cannot be obtained.	Trains 3 orientations, features the correct hallmarks and easy access bone replacement.
3B Scientific – SONOtrain Ultrasound Vein Model *Can be loaned		The SONOtrain trainer is an excellent teaching tool for basic training and for improving dexterity and hand-eye coordination skills using an ultrasound probe	Ultrasound block with three blood vessels with diameters of 4, 8 and 15 mm with adjustable fluid flow. Punctures and injections possible, and self-closing injection channels. The material simulates the feel of real soft tissue for carrying out palpations and injections and shows realistic texture and echogenicity on ultrasound images.
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





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Trainer Name	Image	Description	Uses
LECAT's – VentriloScope		Designed to benefit learners of various levels and programs, from basic fundamentals to specialty practices.	<ul style="list-style-type: none"> * High-Quality adult & pediatric sound libraries of live patient recordings * Currently used in various teaching programs, including medical, nursing, respiratory, physician assistant, military, EMT, chiropractic, high school, and more * Increases retention by using multiple senses * Hear and assess actual patient/manikin sounds
MedVision – MedVision Auscultation Task Trainer (MATT)		Highly effective tool for learning auscultation points and sounds.	<ul style="list-style-type: none"> 5 cardiac auscultation points 5 anterior lung auscultation points 6 posterior lung auscultation points 4 abdomen auscultation points User friendly software interface, over 30 heart, lung, and bowel sound.
1 Yr. old Pedi Heart and Lung Sound Trainer		The 1-Year-Old Patient Heart and Lung Sounds Skills Trainer with Intubatable Airway is a new site-specific upgrade to our existing Gaumard® 1 year old airway training manikin.	This upgrade has sensors behind the skin when picked up by the SmartScope, produces the appropriate heart or lung sound for the area being checked. When connected to the external speakers, the trainer can be used in a classroom environment
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.




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Trainer Name	Image	Description	Uses
<p>Nasco – Abdominal Palpation Model</p> <p>*Can be loaned</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>Nasco - Fetal Monitoring Labor Progress</p> <p>*Can be loaned</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.</p>
<p>SawBones® - Suture Trainers</p> <p>*Can be loaned</p>		<p>Portable desktop skills trainer with adjustable skin tension.</p>	<p>For suture training and and knot tying skills.</p>
<p>Limbs & Things (ZACK) - Prostate Exam Trainers</p> <p>*Can be loaned</p>		<p>Rectal examination model comprises a realistic representation of the buttocks, anus and rectum.</p>	<p>Used for the practice of diagnostic skills associated with rectal examination.</p>
<p>VATA Inc – Bonnie Bone Marrow Biopsy Skills Trainer</p> <p>*Can be loaned</p>		<p>Designed with clinician input to replicate, teach, and reinforce the skills needed to perform a posterior iliac crest bone marrow biopsy procedure.</p>	<p>The trainer provides a realistic feel when puncturing the skin surface while entering the iliac crest bone and during the extraction of simulated bone marrow samples.</p>




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Trainer Name	Image	Description	Uses
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 *Can be loaned		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 *Can be loaned		Full size, lifelike reproduction of an infant arm.	Designed for training in the practice of radial artery puncture.
Nasco Life/form® - Intradermal Injection Trainer *Can be loaned		Forearm body form used for practicing giving intradermal injections.	Used for training in microinjections between the layers of the skin.




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Trainer Name	Image	Description	Uses
Zoll – AED Trainer *Can be loaned		Life size, lifelike reproduction of a human torso.	Used for AED and defibrillator training.
Ethicon - Knot Tying Boards *Can be loaned		Small, portable and light weight knot tying trainer.	Used for knot tying and suture practice.
Sawbones® - Centesis Trainer *Can be loaned		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.

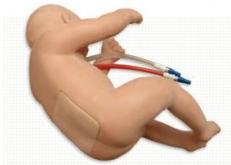



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Trainer Name	Image	Description	Uses
Vata - Chester Chest™ *Can be loaned		Lifelike model of human torso with detachable right arm designed for the insertion, care and removal of common long-term vascular access routes.	Chester Chest™ is a teaching tool that enables learners to develop competence with three of the long-term vascular access routes. Chester Chest™ is provided with a surgically placed central catheter and peripherally placed central catheter.
Blue Phantom - Nerve Block Central Line Trainer *Can be loaned		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.	Used to complete central line placements of the internal jugular and subclavian vein - including needles, guidewires, dilation and threading of catheters.
Blue Phantom - Intra Jugular (IJ) Central Line Trainer *Can be loaned		Compact and lightweight internal jugular ultrasound phantom training model.	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.






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Trainer Name	Image	Description	Uses
<p>Laerdal – NG/Trach Trainer</p> <p>*Can be loaned</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 - Suctioning • NG tube insertion, removal, irrigation, 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 <p>Insertion, securing and care of endotracheal tubes.</p>
<p>Nasco Life/form® – Spinal Injection Simulator</p> <p>*Can be loaned</p>		<p>Lumbar puncture trainer used for training for palpation of landmarks, lumbar puncture, CSF collection, CSF pressure measurement and epidural anesthesia</p>	<p>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.</p>
<p>Kyoto Kagaku – Lumbar Puncture Trainer</p> <p>*Can be loaned</p>		<p>Closely simulates the lumbar anatomy including the anatomical landmarks. Provides life-like sensation of both skin and tissue resistance to the spinal needle.</p>	<ul style="list-style-type: none"> • 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.






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Trainer Name	Image	Description	Users
SimuLab – Lumbar Puncture Baby *Can be loaned		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 *Can be loaned		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 *Can be loaned		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 * Can be loaned		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.

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Trainer Name	Image	Description	Uses
3BScientific - Gynecologic Exam Trainer *Can be loaned		A lifelike female pelvis for developing diagnostic skills in gynecologic procedures, anatomical instruction, abdominal palpation, and speculum instruction.	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.
Laerdal - Femoral Access Trainer *Can be loaned		A lifelike manikin pelvis, which realistically simulates that of a patient.	Specifically designed for training professionals in the practice of accessing the femoral artery and vein.
Gaumard Scientific - Breast Exam Trainer *Can be loaned		The Breast Exam Trainer is a task trainer with left and right breasts attached to an upper torso. The left breast provides pathologies for breast self-exam training, the right breast provides pathologies for clinical breast exam training.	Left breast contains four masses in the breast tissue and two masses in the axilla region. Right breast contains enlarged lymph node, fibroadenoma, fibrocystic mass and fluid-filled cyst
Limbs & Things - PROMPT Birthing Simulator *Can be loaned		Adult female torso and fetus reproductions used for birthing training.	Enables instructors to effectively teach the complexities associated with birthing. Participants can experience childbirth and practice the skills required for successful deliveries.
Gaumard - Super OB Susie Birthing Trainer *Can be loaned		The Super OB Susie® childbirth training torso is designed to aid educators teach labor and delivery management skills to learners of all levels.	The anatomically accurate pelvis and full-term neonate allows learners to develop clinical skills transferable to scenario-based exercises. The simulator's modular design allows its functionality to expand with growing training needs.

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Simulator Name	Image	Description	Uses
Blue Phantom Lumbar Puncture/Spinal Epidural Trainer *Can be loaned		Practice and teach a wide variety of ultrasound procedures including lumbar puncture, lumbar epidural diagnostic and therapeutic procedures.	The trainer can be positioned upright or lateral decubitus position. External landmarks at the iliac crests can be palpated in the model to orient the user to the proper access points.
G-Phantom - Thyroid Biopsy Ultrasound Trainer		Used for core biopsy and fine-needle aspiration training. The phantom is 6.5" x 1.5" x 5" and feels like human tissue. Emulates biopsy and puncture feel.	The thyroid biopsy phantom contains the main gland and all the surrounding structures: right and left lobes, trachea, vascular system and several lesions with different echogenicity levels.
EpiMed - Genesis Lumbar Puncture Trainer *Can be loaned		The Genesis Epidural-Spinal Injection Simulator is the ideal training simulator for common neuraxial blocks.	Ability to demonstrate routine neuraxial procedures such as epidural loss of resistance, Lumbar puncture, Epidural and spinal catheter placement, & combined spinal epidural technique.
SimuLab - Foreign Body Ultrasound Trainer *Can be Loaned		This Trainer is used to practice identifying common objects embedded in simulated tissue. The trainer's foreign body objects include a nail, wood splinter, needle, glass shard, bullet, two BBs, and metal fragments.	The Foreign Body Ultrasound Trainer is used to practice the identification of common objects embedded in our realistic simulated tissue.
Anatomy Warehouse - Ultrasound Arthrocentesis Injection Model		ultrasound-guided knee arthrocentesis training with true-to-life skin feel and touch, accurate anatomical structure as well as real clinical ultrasound images. Realistic resistance to needle tips and correct landmarks provide excellent hands-on experience.	<ul style="list-style-type: none"> • Palpating anatomic landmarks significant to the procedure • Recognition of landmarks by ultrasound and image interpretation • Needle aspiration & injection techniques • Floating patella examination

Patient Safety Training Center Simulation Equipment

Life Support Program Trainers




Simulator Name	Image	Description	Uses
Ambu-Man			
Laerdal – Adult QCPR Manikin *Can be loaned		Manikin is designed to provide high quality adult CPR training. Realistic adult human torso.	Provides life-like and educationally effective CPR training with feedback.
Prestan – Adult CPR Manikin With Feedback *Can be loaned		Manikin is designed to provide high quality adult CPR training.	Provides life-like and educationally effective CPR training with feedback.
Laerdal - Pediatric CPR Manikin *Can be loaned		Lifelike child CPR trainer.	Educationally effective by offering all of the essential features necessary for learning child CPR. Realistic anatomical landmarks provide the essential features necessary to teach quality appropriate CPR techniques.

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Simulator Name	Image	Description	Uses
Prestan - Infant CPR Manikin With Feedback *Can be loaned		Offers all the essential features necessary for learning infant CPR.	Provides effective infant CPR training with feedback to the learner.
Act Fast – Anti Choking *Can be loaned		When Abdominal Thrust Maneuver is performed correctly, a foam plug is ejected from the trainer.	Teaches the Abdominal Thrust Maneuver. Provides feedback when maneuver is performed correctly.
Simulaids - Bariatric CPR Manikin *Can be loaned		This manikin helps to prepare students to respond to a more typical cardiac arrest event with a victim who is elderly and overweight.	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.
RQI Partners - Voice-Assisted (VAM) Manikins *Can be loaned		Adult and infant CPR manikin connected to a computer, this module allows the student to practice ventilation and CPR.	Demonstrate efficient single-rescuer bag-mask ventilation, and efficient single-rescuer CPR on an adult or infant manikin.

Patient Safety Training Center Simulation Equipment


Fabricated Trainers

Simulator Name	Image	Description	Uses
DHART Aircraft Simulation Environment		Constructed aircraft training space to replicate the environment flight crews care for patients in during air transport.	<p>This environment has the same dimension as the inside of the EC-135 DHART aircraft which provides them with a realistic space to provide patient care during transport operations.</p> <p>Departments wishing to collaborate with DHART should contact the DHART educator and a SBER educator to design a training session.</p>
SimMan Modified Nursing Skills Trainer		Modified SimMan Classic to provide Insitu nursing skills training.	This trainer provides a mobile platform to train airway management, CPR, chest tube care, trach scare/suctioning, ostomy care, supra pubic catheterization, Urinary catheterization for male and female patients.
Penile corpus cavernosa aspiration Trainer		Task trainer was developed for corpus cavernosa aspiration and phenylephrine injection	This task trainer was felt to be realistic and useful for resident education. Secondly, use of the model in a simulation session can improve resident comfort in an important and infrequent procedure.

Patient Safety Training Center Simulation Equipment

Simulator Name	Image	Description	Uses
3D Printed Cric Trainer		Low cost per use trainer with anatomical representation of airway and realistic landmarks.	Can be used along side more advanced training devices, the Cric trainer can help keep Cricothyrotomy procedures proficient, while keeping training session costs low. The trainer can also be used for reviewing the basic practices of Cricothyrotomy.
IV Block		Dual Vein IV Access Trainer	Inexpensive reusable trainer used to identify the target vein for access. IV block has primed veins to give the learners “flash” to indicate they are in the vein.
Ultrasound Foreign Object Trainer		Ballistic gel phantom with six objects to identify using ultrasound.	This trainer is used to practice the identification of common objects embedded in a realistic simulated tissue. Students learn proper transducer positioning and develop US recognition of common objects. The curved contour shape is similar to various human body surfaces.
Pressure Dressing Trainer		Silicone insert in a SimMan thigh with a hidden bleed point and simulated blood.	An excellent way to provide realistic low-cost and repetitive training in wound packing and the use of advanced hemostatic gauzes.

Patient Safety Training Center Simulation Equipment

Simulator Name	Image	Description	Uses
3D Printed IO Trainer		3D printed container with simulated bone, covered with silicone tissue.	Practice IO needle insertion training techniques. Determine appropriate landmark and placement of needle. This is a cost-effective training pad and designed for repeated use.