### Airway Trainers

#### 3-Year-Old Airway Intubation Head

This task trainer features both realistic size and anatomy for training and practicing airway management skills on a child.

**Features include:**

- Landmarks: uvula, vocal cords, glottis, epiglottis, larynx, arytenoid cartilage, trachea, esophagus, infatable lungs, and stomach
- Vocal cords, highlighted in white, provide easy laryngoscope viewing


#### AirSim Baby

AirSim Baby facilitates training in the use of bag/mask ventilation, supraglottic airway insertion and both naso and orotracheal intubation. In addition, it can be used with all current videolaryngoscopes.


#### Armstrong Industries Neonatal Airway

The Neonatal Intubation Trainer provides for practice of intubation skills on a newborn baby. Robust and realistic, this model allows students to undertake training that is directly transferable to the clinical setting. Features include, realistic anatomy; oral and nasal intubation; bag valve mask ventilation; correct tube placement can be checked by practical inflation tests.

#### Laerdal® Infant Airway Management Trainer

The Laerdal Infant Airway Management Trainer is mounted on mounting base, and simulates a 3 month old infant head. It is designed to provide the following common diagnosis and treatment modalities: airway management; ventilation via bag-valve-mask; endotracheal and nasotracheal intubation; bilateral lung movement and stomach distention; Oral/Nasal Airways; insertion of LMA (Laryngeal Mask Airway).

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laerdal® Neonatal Intubation Trainer</td>
<td>Laerdal Neonatal Intubation Trainer allows teaching of intubation skills on the newborn baby. Robust and realistic, this model allows students to undertake training that is directly transferable to the clinical setting. Features include: realistic anatomy of a newborn baby; intubation (oral and nasal); Bag-Valve Mask ventilation; correct tube placement can be checked by practical inflation tests.</td>
<td><a href="http://www.laerdal.com/us/doc/218/Laerdal-Neonatal-Intubation-Trainer">http://www.laerdal.com/us/doc/218/Laerdal-Neonatal-Intubation-Trainer</a></td>
</tr>
<tr>
<td>AirSim Advance</td>
<td>The AirSim Advance features the uniquely constructed AirSim airway, designed to provide true, anatomically correct and visually accurate internal features to allow for airway management techniques. The addition of a “real-feel” skin covering provides a more realistic bag mask ventilation training an improved neck design allowing for accurate articulation.</td>
<td><a href="http://www.trucorp.com/products/airsim/advance/">http://www.trucorp.com/products/airsim/advance/</a></td>
</tr>
</tbody>
</table>
Airway Trainers

AirSim Advance Bronchi

The AirSim Advance Bronchi is the next generation Bronchi to the AirSim family, providing anatomically correct detail down to the fourth generation bronchi together with the addition of our ‘real feel’ skin covering. This model combines together the skin covering of the AirSim Advance with all the combined features of the AirSim Bronchi to provide a true, anatomically correct and visually accurate trainer for bronchoscopy techniques.

http://www.trucorp.com/products/airsim/advance-bronchi/

AirSim Multi

The AirSim Multi contains the key features of the AirSim Standard with the addition of a nasal passage and a chin. The AirSim Multi facilitates training on nasal procedures as well as bag and mask ventilation techniques to enhance the airway intubation procedures.

http://www.trucorp.com/products/airsim/airsim-multi/

AirSim Standard

The AirSim Standard is uniquely constructed to allow realistic feedback during airway management procedures and provides true, anatomically correct and visually accurate internal features.

The novel neck construction allows the head to be moved and secured in a number of positions. This ranges from the standard “sniffing” position to more difficult scenarios.

http://www.trucorp.com/products/airsim/airsim-standard/

Ambu® Airway Management Trainer

The Ambu Airway Management Trainer is for teaching Intubation techniques with all known tubes and supraglottic airway devices.

Airway Trainers

Armstrong Medical Industries Cricoid Stick Simulator

Armstrong Medical offers a cricothyrotomy simulator that has an actual trachea reproduction recessed into the neck. Simulator provides realistic and accurate anatomy features.

Features include:
- Two tracheas (rigid and soft)
- Replaceable neck skin with self-repairing memory
- Instruction guide

Laerdal® Airway Management Trainer

For practicing a variety of intubation, ventilation and suction techniques.

Includes: Manikin on Sturdy Board, Airway Demonstration Model, Cleaning Kit, Lubricant, Carry Case, and Directions for Use.

http://www.laerdal.com/us/item/25000033

Life/form® “Airway Larry” Airway Management Trainer Torso

The Life/form® Airway Management Trainer simulates a nonanesthetized patient for practicing intubation, ventilation, suction, and CPR techniques. Realistic anatomy and landmarks including teeth, tongue, oral and nasal pharynx, larynx, epiglottis, arytenoids, false cords, true vocal cords, trachea, lungs, esophagus, and stomach. The trainer allows you to practice oral, digital, and nasal intubation, as well as E.T., E.O.A., P.T.L., L.M.A., E.G.T.A., Combitube®, and KING System insertion. Suction techniques and proper cuff inflation may also be practiced and evaluated.

http://www.enasco.com/product/LF03669U

Life/form® Cricothyrotomy Simulator

Palpable landmarks include the cricoid and thyroid cartilage. The prominentia laryngea is prominent on the hyperextended neck. All landmarks are accurately placed and allow for fast action. The “trachea” in this simulator is replaceable as the “airway” passes completely through from top to bottom. This allows checking the stylet and obturator placement once the “stab” has been made. Complete with a full-size neck, ties can be used to hold the obturator in a secure position.

http://www.enasco.com/product/LF01082U
## Angio Simulators

### Simbionix Angio Mentor

Simbionix ANGIO Mentor simulators provide hands-on practice of endovascular procedures performed under fluoroscopy in the cath lab, interventional suite or an OR, in an extensive and complete virtual reality simulated environment. It provides a complete individual and team training solution to learners of all levels and across multiple disciplines, including Interventional Cardiology, Interventional Radiology, Vascular Surgery, Cardiothoracic Surgery, Electrophysiology, Interventional Neuroradiology, Neuro Surgery and Trauma.

Modules: Carotid, Renal, SFA/Iliac, Coronary, BTK, Carotid Stenting Module


### SimSuite Simantha®

Medical Simulation Corporation’s (MSC) endovascular simulation system, Simantha, features sophisticated, reliable technology and a cognitive approach to patient care that delivers comprehensive training experiences to increase the Competence and Confidence® of healthcare providers. Simantha has something to offer every member of the interventional lab team, from nurses and technologists to experienced attending physicians.

[http://www.medsimulation.com/Medical-Products/Platform-Sub-Pages/Compass-AT-(1)](http://www.medsimulation.com/Medical-Products/Platform-Sub-Pages/Compass-AT-(1))
<table>
<thead>
<tr>
<th>BLS Manikins</th>
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<tbody>
<tr>
<td><strong>Resusci Anne Torso Basic with Hard Case</strong></td>
</tr>
<tr>
<td>Includes: Torso Manikin, 4 Decorated Resusci Manikin Faces, 3 Disposable Airways, Hard Carry Case, Jacket, 50 Resusci Manikin Wipes and Directions for Use.</td>
</tr>
<tr>
<td><a href="http://www.laerdal.com/distributors/item/31000501">http://www.laerdal.com/distributors/item/31000501</a></td>
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| **Simulaids Child CPR Trainer** |
| Child CPR Trainer  |

| **Child CPR Trainer** |
| Child CPR Trainer  |
Flexible Intubation Fiberscope

To master difficult intubation Flexible Intubation Fiberscopes are the “Gold Standard”. Therefore it is necessary that the requirements meet the needs in Anaesthesiology, Intensive Care and Emergency Medicine.

The product range of Intubation Fiberscopes from KARL STORZ offers a variety of different outer diameters. The Fiberscopes are connectable to the DCI® Video Intubation System as well as to the LED Battery Light Source.

EKG Trainers

Philips Pagewriter III

This proven performer supports the reporting, storage, and transmission of 12-lead ECG data using industry standard XML. You can connect directly to Philips TraceMasterVue ECG Management System. ECGs can be transmitted anywhere at anytime allowing you instant, secure access to patient reports.


TUTOR VII - Data Selector

It looks just like the Sounds TUTOR with built-in Sounders and three ECG snaps, plus the digital indicator for menu items. However, additional circuitry adds hemodynamics, and on the rear panel are the connectors for Pressure Display Cables. The TUTOR VII is CPU controlled and presents data specific to the module in use. Includes two built-in Sounders, plus two extra Sounders, two Hemodynamic Modules (Modules 11 and 12), and a carrying case.

http://www.enasco.com/product/SB28953U
IV Trainers

Gen II Ultrasound Central Line Training Model

This ultra-durable ultrasound simulator incorporates all of the anatomy required to teach, learn and practice the skills associated with central line placement and was designed for both ultrasound guided and blind insertion procedural training. Our self-healing tissue withstands tremendous use, minimizing the need for replacement parts. Perform complete central line placements of the internal jugular and subclavian vein - including needles, guidewires, dilation and threading of catheters.


Intravenous Training Arm

Designed for essential training in the procedures of blood collection, infusion, and intravenous injections.

http://www.gaumard.com/intravenous-training-arm-s400/

Gaumard Nita Newborn

An anatomically correct 4lb, 16” female newborn for dressing care, securing and maintenance of vascular access devices in infants, including standard venipuncture, central venous catheter, umbilical catheter, and PICC. Features include: Right and left arms with accessible median basilic and axillary veins; right leg with saphenous and popliteal veins; neck and head area with frontal, post auricular, temporal and external jugular veins; simulated, translucent skin allows visualization of underlying veins; veins are self-sealing; nasal and oral openings for placement of nasal canulas, nasogastric tubes and feeding tubes, permitting practice of suctioning, securing, dressing and cleansing.

http://www.gaumard.com/

Kyoto Kagaku Arterial Puncture Wrist

Radial artery puncture is a common approach for blood collection and artery catheterization; however, it is a challenging skill for operators. This innovative simulator is designed to provide training in artery puncture with true-to-life feeling.

http://www.kyotokagaku.com/products/detail01/m99.html
Lumbar Puncture Trainers

Lumbar Puncture / Epidural Trainer

This lumbar puncture simulator is an ultrasound compatible trainer that includes the lumbar vertebrae, iliac crest, spinous process, ligamentum flavum, the epidural space and dura.


Laerdal Baby Stap

Reproduction of a neonatal infant positioned for the practice of lumbar puncture techniques:

- Lateral decubitus position
- Upright position
- Realistic interchangeable spine with spinal cord may be palpated for location of correct puncture site
- Fluid may be infused


Simulab LumbarPunctureBaby Training Package

This pediatric lumbar puncture trainer simulates a two week old infant that can be positioned either lateral or decubitus. The body form is anatomically correct with a partial iliac crest and umbilicus. The replaceable tissue has L3 – L5 vertebrae with a partial sacrum and the gluteal crest. Each tissue includes a spinal cord filled with simulated CSF and the epidural venous plexus filled with simulated blood. The Simulated IV Bag provides control of the drip rate at the procedure site as desired. It comes with a Table Top IV Pole and a bottle of red concentrate.

### Manikins, High Fidelity

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Website</th>
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</thead>
<tbody>
<tr>
<td><strong>Gaumard Adult S3201 (Robbie and Sultan)</strong></td>
<td>Hal® 3201 sets a global standard for medical simulation. Tetherless technology allows the communications, compressor, and power supply to be inside HAL®, eliminating external tubes, wires, and compressors. HAL® operates continuously during transport and training can occur in the working environment.</td>
<td><a href="http://www.gaumard.com/hal-s3201/">www.gaumard.com/hal-s3201/</a></td>
</tr>
<tr>
<td><strong>Gaumard Newborn (Scout)</strong></td>
<td>40 week tetherless newborn with breathing, pulses, color and vital signs that are responsive to hypoxic events and interventions. Also includes trending, crying, convulsions, oral and nasal intubation, airway sounds and extra tablet PC for control.</td>
<td><a href="http://www.gaumard.com/newborn-hal-s3010/">www.gaumard.com/newborn-hal-s3010/</a></td>
</tr>
<tr>
<td><strong>Laerdal SimBaby</strong></td>
<td>SimBaby is the advanced infant patient simulator for team training for routine care to critical emergencies. With realistic anatomy and clinical functionality, SimBaby is ideal for training all aspects of infant care including airway, breathing, circulation, defibrilation, vascular and anatomy.</td>
<td><a href="http://www.laerdal.com/us/SimBaby">www.laerdal.com/us/SimBaby</a></td>
</tr>
<tr>
<td>Manikins, High Fidelity</td>
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<tr>
<td><strong>Laerdal SimMan 3G (Robyn)</strong></td>
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<tr>
<td>Auto Mode combines physiological models, pre-programmed patient cases and an innovative method for managing model-based simulation. Program your own scenario or operate SimMan 3G “on the fly” using the Instructor Mode allows instructors to combine their knowledge and skills to control the scenario.</td>
<td></td>
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</tr>
</tbody>
</table>

| **METI (Ryan)** |
| Weighing 16 pounds, the infant simulator has eyes that blink, variable pupil size, cooing, crying, tearing and secretions from the ears, eyes and mouth as well as bulging fontanel capability. BabySIM can produce heart, bowel and breath sounds, including bilateral chest excursion and seesaw breathing. |

| **METI HPS Ped (Morgan)** |
| PediaSIM HPS is specifically designed for risk-free practice of anesthesia, respiratory and critical care. With true respiratory gas exchange, PediaSIM HPS inhales oxygen and exhales CO2, interfaces with real clinical monitors and responds to oxygen therapy. The optional anesthesia delivery system allows the lungs to uptake or excrete nitrous oxide, sevoflurane, isoflurane and other anesthetic gases. PediaSIM HPS also responds to drug administration with a unique Drug Recognition System that uses barcode technology. |

| **METI (Stan and Alex)** |
| The HPS has human-like physiology with exceptional lung mechanics, gas exchange, pharmacological response and the ability to interface with patient monitors. The optional anesthesia delivery system allows the lungs to uptake or excrete anesthetic gases, and the lungs respond automatically to mechanical ventilation. |
## Manikins, Low Fidelity

### Laerdal® AirMan®

Realistic life-size intubation head with flexible tongue, arytenoid cartilage, vallecula, vocal cords, trachea, bronchial tree, esophagus and simulated lungs for spontaneous breathing and realistic chest rise and fall.

[http://www.laerdal.com/docid/1022661/Laerdal-AirMan](http://www.laerdal.com/docid/1022661/Laerdal-AirMan)

### Laerdal® ALS Simulator

Designed to meet the training requirements for medical emergencies, the ALS simulator responds to clinical interventions and targets key learning objectives including CPR, ACLS, NBC, trauma, bleeding control and first aid.

### Manikins, Mid-Fidelity

**Laerdal SimMom (Destiny & Adain)**

SimMom provides realistic practice of multiple delivery positions and maneuvers, teamwork, leadership and communication skills in a risk-free environment. Uterus modules add further realism and extend the application of the simulator.

The manual delivery system of SimMom requires the user to actively progress the baby through the birth canal and has been designed to replicate delivery scenarios in a realistic and reliable manner.

This allows for more control over the birthing process to optimize student learning while providing educators the flexibility to give immediate response to student actions and prompt corrective action where appropriate.

http://www.laerdal.com/us/SimMom

**Laerdal SimNewB®**

SimNewB® is an interactive simulator designed by Laerdal with the American Academy of Pediatrics to meet the training requirements of the Neonatal Resuscitation Program as well as other neonatal training courses.


**METI ECS (Bob)**

In accordance with ACLS guidelines, the ECS responds to chest compressions and defibrillation with changes in circulation, blood pressures, cardiac output, pulses and the presence of exhaled CO2. A TouchPro patient monitor can display ECG leads, invasive and non-invasive blood pressure, SPO2, blood and body temperature, cardiac output and more.

http://caehealthcare.com/
OB/GYN / Uro Task Trainers

EVA Gynecologic Manikin

Eva is a lifelike female pelvis for developing diagnostic skills in gynecologic procedures through anatomical instruction, abdominal palpation and speculum instruction.

http://www.simulaids.com/1900.htm

Clinical Female Pelvic Trainer Mk 3 - Standard

Presents accurate anatomical and tactile representation of the female pelvis for hands-on examination and diagnosis of pathologies and abnormalities. It can be used for many levels of training from undergraduate onwards, in addition to family health.

Skills: recognition of perineal and pelvic anatomy including bony landmarks; digital vaginal examination; bi-manual examination; cervical smear procedure (including use of speculum); digital rectal examination


PROMPT Birthing Simulator

The PROMPT Birthing Simulator enables instructors to effectively teach the complexities associated with birthing. Participants can experience childbirth and practice the skills required for successful deliveries. Hybrid simulation utilizing the PROMPT Birthing Simulator adds realism to scenarios. Learning routine and emergency care for obstetrical patients can be achieved by combining the PROMPT simulator with a standardized patient (human actress).


Male & Female Catheterization Trainers

Practice male and female urinary catheterization on Simulaids’ newly designed anatomically correct models. Training is enhanced by a new material that has a realistic feel and flexibility. Both models utilize a 16 FR catheter and can be used to demonstrate balloon inflation procedures. The models are individually mounted on a training stand and can be used on a tabletop or for patient simulation. A fluid reservoir allows for urine output upon successful completion of the insertion procedure. Instructors are able to teach sterile technique and insertion and removal of catheter, as well as practice preparing the patient for the procedure.

Non-Mydriatic Retinal Camera

The TRC-NW300 Non-Mydriatic Retinal Camera combines ease of use with superior image quality. A new all-in-one design features a built-in 8 megapixel CCD camera. The TRC-NW300 incorporates auto focus, auto exposure and auto capture for added operator convenience! Direct printout to a digital printer without the need for an external computer adds to the instrument’s portability. The TRC-NW300 can be connected to Topcon’s IMAGEnet software for advanced image analysis.

http://www.topconmedical.com/products/trcnw300.htm
### Surgical Task Simulators

#### VascularAccessChild

The VascularAccessChild is the only high fidelity soft tissue pediatric simulator designed to train central line placement.

**Access Sites:** Internal Jugular, Subclavian, Femoral.

**Skill Development:** Vascular Catheterization, using ultrasound guidance during catheter placement, identification and palpation of anatomic landmarks significant to the procedure.


#### Simulab Trauma Child

The TraumaChild is a high fidelity soft tissue simulator designed to train advanced trauma surgical skills.

**System Procedures:** Cricothyroidotomy, Percutaneous Tracheostomy, Needle Decompression, Pericardiocentesis, Chest Tube Insertion, Diagnostic Peritoneal Lavage.


#### Simulab Trauma Man

The TraumaMan System is an anatomical human body form designed for students to practice several advanced surgical procedures, including cricothyroidotomy, percutaneous tracheostomy, needle decompression, chest tube insertion, pericardiocentesis, diagnostic peritoneal lavage, and intravenous cutdown. The TraumaMan System consists of simulated human tissue structure made of an elastomeric composition designed specifically for surgical dissection.

### Surgical VR Trainers

**Simbionix Lap Mentor**

The Simbionix LAP Mentor stands out amongst available laparoscopic surgical simulators by providing a complete training solution to learners of all levels and across all disciplines including gynecology, urology and general surgery. An ever expanding library of modules provides a curriculum for basic laparoscopic tasks and skills alongside basic and advanced complete procedure training.

- **General Surgery Modules:** cholecystectomy, incisional hernia and colectomy
- **OB/GYN Modules:** routine GYN and hysterectomy
- **Urology Module:** nephrectomy


**Simbionix GI-BRONCH Mentor**

The BRONCH Mentor on the GI-BRONCH MentorTM is an innovative new addition to the Simbionix line of medical simulators, sharing a platform with the well established GI-Mentor. The BRONCH Mentor provides a comprehensive solution for the flexible bronchoscopy training needs of pulmonary and critical care physicians, anesthesiologists and interventional pulmonologists. Basic skill tasks and complete clinical procedures are combined to provide an optimal learning environment for motor, cognitive and coordinative skills acquisition on one hand, and diagnostic and therapeutic clinical hands-on experience on the other hand. GI modules include: CyberScopy, Upper GI, Lower GI, Bleeding. Bronchoscopy modules include: essential tasks and diagnostics.

Midscapular Thoracentesis Ultrasound Training Model

The model is of a supine adult male and extends from the upper buttocks to the lower neck. Positioned in the mid scapulary line, the ultrasound tissue insert contains chest wall superficial tissue, 6th, 7th, 8th, and 9th ribs and intercostal spaces, pleural cavity with lung and atelectatic lung, diaphragm, and superior spleen. The pleural fluid collections allow users to develop and refine their ultrasound guided thoracentesis skills. Positive fluid flow offers users feedback when pleural effusions are accurately accessed. The fluid is easily refilled using a quick fill luer lock or can be connected to an I.V. reservoir for continuous fluid delivery. Users can also learn to avoid accessory structures as the spleen, diaphragm and lung.


Renal Biopsy Ultrasound Training Model

Blue Phantom's percutaneous renal biopsy ultrasound training model allows for the repeated needle biopsy using core needle biopsy or needle aspiration techniques. The model offers an anatomically correct adult male torso with an ultrasound tissue module containing skin, ribs, and right kidney with surrounding tissue. The kidney internal and external architecture is superb in its realism and imaging characteristics and contains the renal cortex, renal medulla and major and minor calyx.

Ultrasound Machines

SonoSite S-ICU

High-resolution images help you see exactly where to perform procedures and allow for accurate diagnoses when treating patients. The S Series ultrasound machines are built to meet U.S. military standards for durability. They boot up quickly, are lightweight, and are built with intuitive designs for ease of use.

Transducers: Sector probe, compatible with M Turbo probes

http://www.sonosite.com/content/s-series-0

Sonosite X-Porte

X-Porte was developed from the ground up to incorporate a breakthrough, proprietary beam-forming technology: XDI (Extreme Definition Imaging). This signal analysis algorithm shapes X-Porte’s ultrasound beam to pinpoint precision. The result? Artifact clutter is substantially reduced while contrast resolution is significantly enhanced.

Through its easily customizable touch-screen interface, X-Porte puts at your fingertips leading-edge capabilities and onboard educational resources, such as step-by-step tutorials viewable simultaneously with live scans.

http://www.sonosite.com/products/x-porte

Vscan Pocket Ultrasound

Vscan is a handheld, pocket-sized visualization tool powered by ultrasound technology that enables you to visually inspect the inside of your patient’s body during a physical exam. By providing real-time black and white anatomic and color-coded blood flow images at the touch of a button, Vscan may help you:

Enhance the physical exam by looking inside your patients non-invasively with ease.
Inspect organ function and make diagnoses quickly and confidently.
Connect more deeply with your patients for quality care

http://vscanultrasound.gehealthcare.com/

z.one ultra Ultrasound System

Using a small number of large “zones,” ZONE Sonography Technology acquires ultrasound data up to ten times faster than conventional systems and implements the full reality of data acquisition and management in software rather than hardware. This approach delivers substantial clinical benefits and new clinical capabilities.

Transducers: Linear, Sector, Convex

http://www.zonare.com/solutions/z-one-ultra
<table>
<thead>
<tr>
<th><strong>Ultrasound Machines</strong></th>
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<tr>
<td><strong>SonoSite M Turbo</strong></td>
</tr>
<tr>
<td>A versatile system for abdominal, nerve, vascular, cardiac, venous access, pelvic, and superficial imaging. The M-Turbo® ultrasound system gives you striking image quality with sharp contrast resolution and clear tissue delineation. This ultrasound equipment lets you visualize detail, improving your ability to differentiate structures, vessels and pathology.</td>
</tr>
<tr>
<td>Transducers: Linear, Curved Linear, Sector</td>
</tr>
<tr>
<td><a href="http://www.sonosite.com/products/m-turbo">http://www.sonosite.com/products/m-turbo</a></td>
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<tr>
<td><strong>Mindray M7</strong></td>
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<tr>
<td>Imaging with clarity and accuracy: the basis for diagnostic confidence. Across a wide range of clinical specialties: abdomen, obstetrics, gynecology, cardiology, peripheral vessels, small parts, urology, anesthesia, emergency medicine, ICU/CCU, pediatrics, neonate, transcranial, interventional, musculoskeletal and intra-operative procedures.</td>
</tr>
<tr>
<td>Transducers: Linear, Curved Linear, Sector and Convex</td>
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</tbody>
</table>
Lecat’s Ventriliscope

The Ventriloscope has been developed by Dr. Paul Lecat to transmit normal or abnormal sounds from lung, heart, bowel, BP, Doppler, etc. to a realistic stethoscope receiver. It can be used with Standardized Patients (USA), Simulated Patients (UK) or manikin.

http://www.simply-sim.com/
Virtual Reality Trainers

**Eyesi Direct**

The Eyesi Direct Ophthalmoscope Simulator uses virtual reality to deliver an innovative new way of teaching the essential diagnostic skill of direct ophthalmoscopy. Eyesi Direct is handled exactly the same way as its real counterpart. Students looking through the ocular see virtual patients of varying gender and age. The highly realistic retinas have to be examined like real patients’ retinas.

[https://www.vrmagic.com/simulators/eyesi-direct/](https://www.vrmagic.com/simulators/eyesi-direct/)

**SonoSim**

The SonoSim and LiveScan Ultrasound Training Solution is a breakthrough product that overcomes longstanding barriers to ultrasound education and training. It provides integrated hands-on ultrasound training, didactic instruction, and assessment. It uses a laptop computer-based training environment to deliver unparalleled didactic content and hands-on training. SonoSim Cases are obtained from real patients, allowing for a real scanning experience. LiveScan is a first of its kind product that brings realism to ultrasound training by instantly transforming live volunteers and static mannequins into ultrasound training cases with real pathologic conditions.


**Heartworks TEE/TTE**

This package allows real-time simulated TTE/TEE imaging of the virtual heart using a manikin. The life size manikin torso has soft skin with accurate, palpable anatomical landmarks to aid positioning of the handheld ultrasound probe. The screen display allows the user to 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. Pathology available: Normal, LV Anterior Wall Motion Abnormal, Global LV Dysfunction, Hypovolemia, Mitral Regurgitation, Mitral Stenosis, Aortic Stenosis, Aortic Dissection, Atrial Septal Defect, Mechanical AV Replacement, RV Dysfunction with TR, Unilobed Left Atrial Appendage, Hooked Left Atrial Appendage, and Multilobed Left Atrial Appendage.

[http://www.heartworks.me.uk/](http://www.heartworks.me.uk/)