



# Equipment Catalogue

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## Section I: Full Body Simulators

### SimMan 3G Plus



<b>Details</b>	<p>SimMan 3G Plus allows for immersive training through an advanced wireless patient simulator.</p> <p><b>Airway Skills/ Complications</b> Controllable Airway, Head tilt/ Chin Lift, Intubation, Cricothyrotomy, Airway Compliance, Airway Resistance</p> <p><b>Cardiac Features</b> Extensive ECG library, Heart sounds, ECG Rhythm monitoring, 12 lead ECG display, Defibrillation</p> <p><b>Breathing Features</b> Simulated Spontaneous Breathing, Bilateral and Unilateral chest rise and fall, CO2 exhalation, Normal and Abnormal breath sounds, Cyanosis, Chest Tube Insertion</p> <p><b>Circulation Features</b> BP measurement, Pulse Strength variable with BP, Pulse Palpation</p> <p><b>Additional Features</b> Bilateral IV Access, CPR Compliant (2020), Seizure, Bleeding, Urine Output, Foley catheterization, Bowel Sounds, Patient Voice</p>
<b>Product Link</b>	<a href="#">SimMan 3G Plus Website</a>
<b>Quantity</b>	1 (Experiential Learning Center)

## SimMan 3G



<b>Details</b>	<p>SimMan 3G allows for scenario-based training to improve learners' skills.</p> <p><b>Airway Skills/ Complications</b> Controllable Airway, Head tilt/ Chin Lift, Intubation, Cricothyrotomy, Airway Compliance, Airway Resistance</p> <p><b>Cardiac Features</b> Extensive ECG library, Heart sounds, ECG Rhythm monitoring, 12 lead ECG display, Defibrillation</p> <p><b>Breathing Features</b> Simulated Spontaneous Breathing, Bilateral and Unilateral chest rise and fall, CO2 exhalation, Normal and Abnormal breath sounds, Cyanosis, Chest Tube Insertion</p> <p><b>Circulation Features</b> BP measurement, Pulse Strength variable with BP, Pulse Palpation</p> <p><b>Additional Features</b> Bilateral IV Access, CPR Compliant (2020), Bleeding, Urine Output, Foley catheterization</p>
<b>Quantity</b>	3 (Clinical Training Facility)



## SimJunior



<b>Details</b>	<p>SimJunior can simulate a healthy, six-year-old or an unresponsive, critical patient.</p> <p><b>Airway Features</b> Realistic airway with landmarks, Oral and nasal intubation, Tongue edema (2 levels), NG tube (insertion only), Cricoid cartilage, Head tilt and jaw thrust, Nasopharyngeal and oropharyngeal airways</p> <p><b>Cardiac Features</b> Defibrillation and cardioversion, Pacing, Extensive ECG library, Multiple heart sounds synchronized with ECG, ECG rhythm monitoring (3 leads), 12 lead ECG display</p> <p><b>Breathing Features</b> Simulated Spontaneous Breathing, Normal and Abnormal breath sounds</p> <p><b>Circulation Features</b> BP measurement, Pulse Strength variable with BP, Pulse Palpation, Heart Sounds</p> <p><b>Additional Features</b> Bowel Sounds, Vocal Sounds, Realistic Flashback</p>
<b>Product Link</b>	<a href="#">Laerdal SimJunior Website</a>
<b>Quantity</b>	1 High Fidelity (Clinical Training Facility) 1 Low Fidelity (Clinical Training Facility)



## SimMom



<b>Details</b>	<p>SimMom is a high-fidelity simulator capable of all stages of labor and birthing, including manual and automatic delivery options. (Note: Automatic delivery is currently not working)</p> <p><b>Deliveries and Drills</b> Normal Delivery, Breech Presentation, Assisted deliveries, Postpartum hemorrhage, Dilating cervix, Fluids</p> <p><b>Airway Skills/ Complications</b> Controllable Airway, Head tilt/ Chin Lift/ Jaw Thrust, Intubation, Cricothyrotomy, Airway Compliance, Airway Resistance</p> <p><b>Cardiac Features</b> Extensive ECG library, Heart sounds, ECG Rhythm monitoring, 12 lead ECG display, Defibrillation</p> <p><b>Breathing Features</b> Simulated Spontaneous Breathing, Bilateral and Unilateral chest rise and fall, Normal and Abnormal breath sounds</p> <p><b>Circulation Features</b> BP measurement, Pulse Strength variable with BP, Pulse Palpation</p> <p><b>Additional Features</b> Bilateral IV Access, CPR Compressions, Subcutaneous and intramuscular sites, Bleeding, Urine Output, Foley catheterization, Bowel Sounds, Patient Voice</p>
<b>Product Link</b>	<a href="#">Laerdal SimMom Website</a>
<b>Quantity</b>	1 (Clinical Training Facility)

SimBaby



Details	<p>SimBaby allows for a nine-month-old critical patient assessment.</p> <p><b>Airway Skills Features</b></p> <p>Airway opening acquired by head tilt, chin lift, and jaw thrust, Oropharyngeal and nasopharyngeal airways, Bag-valve-mask Ventilation, Intubation, Gastric tube insertion, Variable lung compliance, Tracheostomy</p> <p><b>Cardiac Features</b></p> <p>Extensive ECG library, CPR Compressions, Multiple heart sounds, BP Simulated on Patient Monitor, Pulse Palpations</p> <p><b>Additional Features</b></p> <p>Seizures, Reactive pupils</p>
Product Link	<a href="#">Laerdal SimBaby Website</a>
Quantity	1 (Clinical Training Facility)

## ALS Simulator



Details	<p>Full size adult manikin, allowing simulation of BLS and ACLS Skills and Assessment. Capable of airway control and compatible with ECG and defibrillation connectors.</p> <p><b>Airway Management Skills</b> Assessment of respirations, Obstructed airway, Endotracheal and Nasopharyngeal, intubation, Bag Valve Mask, Surgical/ Needle cricothyrotomy</p> <p><b>Cardiac Features</b> 3-4 lead ECG, Extensive ECG library, Pacing, Defibrillation capacities, Closed chest compressions</p> <p><b>Additional Features</b> IV insertion, infusion and bolus via forearm, Tibia I.O., Chest Tube Insertion, Pneumothorax Decompression</p>
Product Link	<a href="#">Laerdal ALS Simulator</a>
Quantity	2 (Clinical Training Facility)


## Newborn Hal- 40 week gestational age



<b>Details</b>	<p>Newborn HAL can be used for BLS and PALS Skills and Assessment</p> <p><b>Airway Features</b></p> <p>Nasal or oral intubation, right mainstem intubation, Head tilt/ chin lift, Jaw Thrust, Bag Valve Mask Ventilation, Simulated Suction techniques can be practiced, Sellick maneuver brings vocal folds into view</p> <p><b>Additional Features</b></p> <p>Realistic Umbilicus for catheterization, Bilateral IV arm, Intraosseous access, Realistic rotation of the shoulder and hip joints, Legs bend at the knee, insert feeding tubes</p>
<b>Links</b>	<a href="#">Gaumard Newborn HAL Website</a>
<b>Quantity</b>	1 (Clinical Training Facility)

## Section II: BLS/ ACLS Equipment


### Laerdal Resusci Little Anne CPR Training Manikin

Image	 A photograph of the Laerdal Resusci Little Anne CPR Training Manikin. The manikin is a small, realistic-looking baby doll with a light skin tone and blonde hair. It is lying on its back, and its head is tilted back. The manikin is positioned next to its open carrying case, which is white and orange. The case is open, showing the manikin inside. The manikin is wearing a small, white, circular device on its chest, which is used for monitoring CPR performance.
Details	The Laerdal CPR Training Manikin is designed for Basic Life Support (BLS) training. Provides CPR Feedback for depth and rate. <a href="#">New Little Anne</a> (Newer version)
Quantity	16 (Clinical Training Facility)


### Laerdal Baby Anne CPR Training Manikin

Image	 A photograph of the Laerdal Baby Anne CPR Training Manikin. The manikin is a small, realistic-looking baby doll with a light skin tone and blonde hair. It is lying on its back, wearing a pink and white striped onesie. The manikin is positioned next to its open carrying case, which is white and orange. The case is open, showing the manikin inside. The manikin is wearing a small, white, circular device on its chest, which is used for monitoring CPR performance.
Details	Laerdal Baby Anne enables hands-on practice of CPR and airway obstruction removal techniques. <a href="#">Laerdal Baby Anne</a> (Newer Version)
Quantity	20 (Clinical Training Facility)


### Laerdal Little Junior Manikin

<b>Image</b>	 A photograph showing the Laerdal Little Junior CPR training manikin, a small, realistic-looking infant manikin, next to its blue carrying bag. The bag has the 'Little Junior' and 'Laerdal' logos on it.
<b>Details</b>	The Laerdal CPR Training Manikin is designed for Basic Life Support (BLS) training. <a href="#">Laerdal Little Junior</a>
<b>Quantity</b>	4 (Clinical Training Facility)

### Laerdal Infant Airway Management Trainer

<b>Image</b>	 A photograph of the Laerdal Infant Airway Management Trainer, which is a realistic infant head and neck manikin mounted on a white base, designed for airway management training.
<b>Details</b>	Provides the realistic anatomy of a 3-month-old infant for teaching and practicing basic and advanced airway management skills. <a href="#">Laerdal Infant Airway Trainer</a>
<b>Quantity</b>	3 (Clinical Training Facility)


### Laerdal Neonatal Intubation Trainer

<b>Image</b>	 A photograph of the Laerdal Neonatal Intubation Trainer, a realistic newborn head and neck manikin mounted on a white base with a grey block, designed for intubation training.
<b>Details</b>	Laerdal Neonatal Intubation Trainer allows teaching of intubation skills on the newborn baby. Allows for oral or nasal intubation and use of BVM. <a href="#">Laerdal Neonatal Intubation Trainer</a>
<b>Quantity</b>	1 (Clinical Training Facility)


### Prestan AED Trainer

<b>Image</b>	
<b>Details</b>	The PRESTAN Professional AED Trainer is a versatile and affordable training device designed to simulate a wide range of AED models, including fully- and semiautomatic versions. It features a compact, lightweight design with bilingual (English/Spanish) functionality and optional remote control
<b>Quantity</b>	7 (Clinical Training Facility)

### Laerdal SkillGuide

<b>Image</b>	
<b>Details</b>	Offers BLS instructors a cost-effective way to provide learners real-time feedback and an objective review of performance via summative feedback on the device.
<b>Quantity</b>	22 (Clinical Training Facility)


### Laerdal Symbio Rhythm Simulators

<b>Image</b>	
<b>Details</b>	Connect directly to your defibrillator and external pacer for safe simulation of cardioversion and electrical capture.
<b>Quantity</b>	2 (Clinical Training Facility)




### Section III: Airway Trainers


#### Guamard HAL Multipurpose Airway Head & CPR Trainer

Image	 A photograph of the Guamard HAL Multipurpose Airway Head & CPR Trainer. It is a realistic, light-skinned mannequin head with a visible airway opening. A person's gloved hand is shown performing a Heimlich maneuver on the mannequin's chest.
Details	The HAL Trainer is capable of basic and advanced airway management as well as CPR.
Quantity	1 (Clinical Training Facility)


#### Laerdal Airway Management Trainer

Image	 A photograph of the Laerdal Airway Management Trainer. It is a realistic, light-skinned mannequin head with a visible airway opening. A syringe is shown inserted into the airway. The text 'Laerdal Airway Management Trainer' and the Laerdal logo are visible on the base of the mannequin.
Details	Airway Management Trainers allows for practicing a variety of intubation, ventilation, and suction techniques. <a href="#">Laerdal Trainer Website</a>
Quantity	2 (Clinical Training Facility) 3 (Experiential Learning Center)


### TurCorp AirSim Difficult Airway with Bronchi

<b>Image</b>	
<b>Details</b>	<p>Difficult airway trainers provide versatility when practicing airway management, laryngospasm, displaced larynx, tongue edema and more.</p> <p><a href="#">AirSim Difficult Airway</a></p>
<b>Quantity</b>	<p>1 (Clinical Training Facility)</p>


### Suction Assisted Laryngoscopy Airway Decontamination (SALAD) Trainer

<b>Image</b>	
<b>Details</b>	<p>Simulates a non-anesthetized patient. Practice oral, digital, and nasal intubation, as well as E.T., E.O.A., P.T.L, L.M.A., Combitube, and King System.</p> <p><a href="#">SALAD Trainer</a></p>
<b>Quantity</b>	<p>1 (Clinical Training Facility)</p>


## TruMan Trauma

<b>Image</b>	 A photograph of a TruMan Trauma manikin, a realistic human torso and head used for medical training. It is shown lying on its back, with visible anatomical features like the neck, chest, and abdomen.
<b>Details</b>	<p>The trainer can be used for advanced airway management skills, CPR and emergency surgical procedures. An anatomically correct simulated torso and airway allow for: percutaneous tracheostomy, needle and surgical cricothyroidotomy, chest tube insertion, needle decompression and more.</p> <p><a href="#">TruMan Trauma</a></p>
<b>Quantity</b>	1 (Clinical Training Facility)


## Life/Form Cricothyrotomy Simulator Kit

<b>Image</b>	 A photograph showing a person wearing blue gloves performing a cricothyrotomy procedure on a Life/Form Cricothyrotomy Simulator. The simulator is a realistic human neck and head model. The person is using a needle to insert it into the neck area.
<b>Details</b>	<p>The Cricothyrotomy Simulator is developed for learning and practicing the techniques necessary to perform needle or surgical cricothyrotomy procedures.</p> <p><a href="#">Cricothyrotomy Simulator</a></p>
<b>Quantity</b>	2 (Clinical Training Facility)

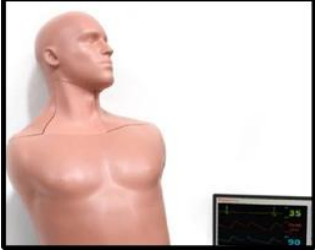
### Cricothyrotomy Ultimate Trainer (C.U.T.)

<b>Image</b>	
<b>Details</b>	Used for reviewing the basic practices of cricothyrotomy. <a href="#">Printables Website for Trainer</a> <a href="#">C.U.T. Set Up Video</a>
<b>Quantity</b>	7 (Clinical Training Facility)







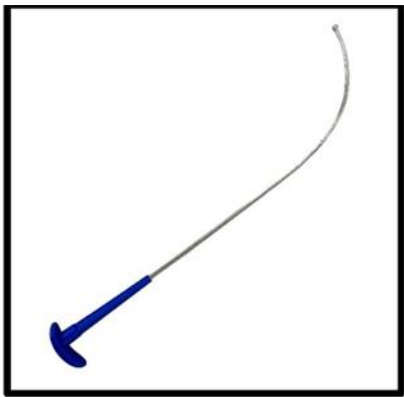

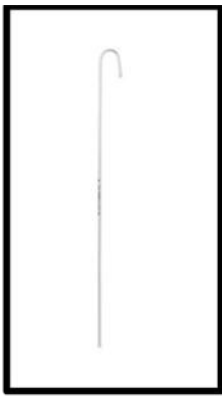
### Harvey – The Cardiopulmonary Patient Simulator

<b>Image</b>	
<b>Details</b>	Simulates a wide range of cardiac diseases and features 50 different patient scenarios and 10 standardized patient cases. <a href="#">Harvey</a>
<b>Quantity</b>	1 (Experiential Learning Center)

### PacerMan System


<b>Image</b>	
<b>Details</b>	PacerMan offers immersive transvenous pacing training, from needle insertion to electrical capture. <a href="#">Simulab Pacerman</a>
<b>Quantity</b>	1 (Clinical Training Facility)

## Adult Airway Management Kit Contents


Macintosh & Miller handles & blades (variety of sizes)		Oropharyngeal & Nasopharyngeal Airway	
			
Endotracheal Tube Cuffed & Uncuffed (variety of sizes)		LMA & 10 mL syringe	
			
Ridged Stylet	Elastic Bougie	Standard Intubation Stylets	
			

## Section IV: Vascular Access & Injection Trainers


### Injection, Venipuncture, Cannulation, & Infusion Arm

Image	 A blue carrying case for the Adam Rouilly IV Model, which includes a realistic arm, IV tubing, and a drip chamber.
Details	Capable of IV injections and infusions, intravenous cannulation and blood flow and fluid feedback. <a href="#">Adam Rouilly IV Model</a>
Quantity	2 (Clinical Training Facility)


### Adult IV Arm – Sheldon Simulation Center @ Mizzou

Image	 A realistic adult arm with a blue tourniquet and an IV line inserted into the forearm, used for simulation training.
Details	The Adult IV Arm allows for the practice of venipuncture skills including blood draw, IV starts, infusions, and injections. <a href="#">Sheldon Center</a>
Quantity	4 (Clinical Training Facility)

### Intravenous (IV) Injection Training Model

Image	 A realistic arm model with a black IV line and a drip chamber attached, used for practicing IV procedures.
Details	Injection and blood draw practice on basilic vein, cephalic vein, median cubital vein. <a href="#">IV Training Model</a>
Quantity	2 (Clinical Training Facility)

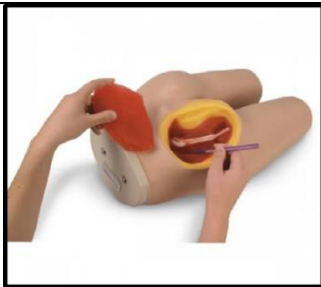
### Strap-on Venipuncture Trainer

Image		
Details	Simple and economical training kit for venipuncture. Soft plastic Bottle can be used as a manual pump. <a href="#">Venipuncture</a>	
Quantity	3 (Clinical Training Facility)	

### Arterial Arm Stick Kit


Image		
Details	Provides infusible arteries designed for training the proper arterial puncture procedure for blood gas analysis. <a href="#">Laerdal Arterial Arm Stick</a>	
Quantity	2 (Clinical Training Facility)	

### Life/Form Intramuscular (IM) Injection Trainer


Image		
Details	Offers both visual and tactile learning to assist students in administering intramuscular injections. Three types of injections can be taught: dorsa gluteal, ventrogluteal, and vastus lateralis. <a href="#">Nasco Healthcare IM Trainer</a>	
Quantity	1 (Clinical Training Facility)	




### Intramuscular Injection Simulation Model – Upper Arm

<b>Image</b>	
<b>Details</b>	The IM simulator of the right upper arm with all important anatomical palpable landmarks allows for placing correction intramuscular injections with audio- visual feedback. <a href="#">IM Injection Simulator</a>
<b>Quantity</b>	1 (Clinical Training Facility)

### Intramuscular Injection Training Pad

<b>Image</b>	
<b>Details</b>	Practice intramuscular injections. <a href="#">IM Injection Trainer</a>
<b>Quantity</b>	8 (Clinical Training Facility)

### Life/Form Intradermal Injection Trainer

<b>Image</b>	
<b>Details</b>	Practice intradermal injections with eight practice sites and realistic skin welts. <a href="#">Intradermal Injection Trainer</a>
<b>Quantity</b>	2 (Clinical Training Facility)

## Arrow EZ-IO Intraosseous Vascular Access System



### Details

Obtain vascular access is difficult to obtain in emergent, urgent, or medically necessary cases.

[EZ-IO System](#)

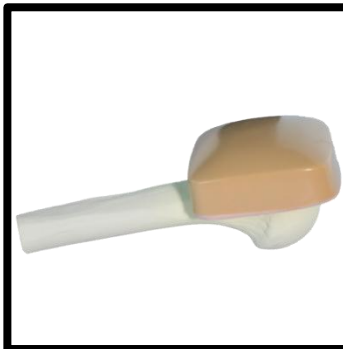
### Quantity

2 (Clinical Training Facility)

### [Tibia with skin patch](#)

### [Humerus with skin patch](#)

### [IO Access Training Block](#)



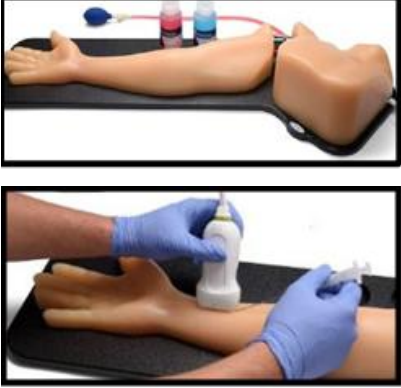
### [IO Access Trainer](#)

### [IO Drill](#)




## Section V: Blue Phantom Ultrasound Task Trainers


### Blue Phantom PICC, PIC, & Arterial Line Ultrasound Training Model

<b>Image</b>	
<b>Details</b>	Three procedures in one model - PICC, PIV, and arterial line placement. Ultrasound and X-ray catheter placement verification. Hand-bulb arterial pulsation for realistic vessel differentiation. <a href="#">Arterial &amp; PIV Trainer</a>
<b>Quantity</b>	4 (Clinical Training Facility)


### Blue Phantom Gen II Central Line Ultrasound Training Model

<b>Image</b>	
<b>Details</b>	The Central Line model offers realistic external landmarks and internal anatomy for ultrasound guided or blind insertion techniques. Anatomy includes: IJ vein, brachiocephalic vein, subclavian vein, axillary vein, carotid artery, and more. <a href="#">Central Line Trainer</a>
<b>Quantity</b>	4 (Clinical Training Facility)


### Blue Phantom Gen I Central Line Ultrasound Training Model

<b>Image</b>	
<b>Details</b>	The Central Line model offers realistic external landmarks and internal anatomy for ultrasound guided or blind insertion techniques.
<b>Quantity</b>	1 (Clinical Training Facility)


### Gen II Femoral Vascular Access & Regional Anesthesia Ultrasound Training Model

<b>Image</b>	
<b>Details</b>	Trainer allows procedures to be performed in the upright, supine and lateral positions. The chest portal is designed for thoracostomy chest tube insertions. <a href="#">Femoral Line Trainer</a>
<b>Quantity</b>	2 (Clinical Training Facility)


### Midscapular Thoracentesis Ultrasound Training Model

<b>Image</b>	 A realistic, orange-colored anatomical model of a human torso, specifically the upper back and shoulder area, mounted on a black base. It is designed for ultrasound-guided thoracentesis training.
<b>Details</b>	Aids learners in developing the skills associated with a midscapular approach to ultrasound guided thoracentesis procedures. <a href="#">Midscapular Thoracentesis Trainer</a>
<b>Quantity</b>	1 (Clinical Training Facility)


### Blue Phantom Chest Tube and Ultrasound Guided Thoracentesis Trainer

<b>Image</b>	 A realistic, orange-colored anatomical model of a human torso, specifically the chest area, mounted on a black base. It is designed for ultrasound-guided thoracentesis training.
<b>Details</b>	Trainer allows procedures to be performed in the upright, supine and lateral positions. The chest portal is designed for thoracostomy chest tube insertions.
<b>Quantity</b>	1 (Clinical Training Facility)


### Blue Phantom Paracentesis Ultrasound Training Model

<b>Image</b>	 A realistic, orange-colored anatomical model of a human torso, specifically the abdominal area, mounted on a black base. It is designed for ultrasound-guided paracentesis training.
<b>Details</b>	The training model is designed to aid in ultrasound recognition of intraperitoneal fluid and development of the psychomotor skills for ultrasound guided paracentesis procedures. <a href="#">Paracentesis Trainer</a>
<b>Quantity</b>	1 (Clinical Training Facility)


### Branched 4 Vessel Ultrasound Training Block

<b>Image</b>		
<b>Details</b>	<p>The Training Block helps clinicians develop, practice, and maintain the skills necessary for ultrasound guided venous access and arterial access procedures.</p> <p><a href="#">Training Block Model</a></p>	
<b>Quantity</b>	5 (Clinical Training Facility)	

### Chest Drain & Needle Decompression Trainer


<b>Image</b>		
<b>Details</b>	<p>The trainer is capable of surgical and guidewire assisted thoracostomy and thoracentesis, chest drain and needle decompression techniques with fluid feedback.</p> <p><a href="#">Limbs &amp; Things Chest Drain Trainer</a></p>	
<b>Quantity</b>	2 (Clinical Training Facility)	

### Ultrasound Guided Pericardiocentesis Simulator


<b>Image</b>		
<b>Details</b>	<p>The trainer allows for insertion of the needle under ultrasound guidance, pierce the “pericardial sac” and aspirate fluid.</p> <p><a href="#">Kyoto Kagaku Pericardiocentesis</a></p>	
<b>Quantity</b>	2 (Clinical Training Facility)	

## Section VI: Lumbar Puncture Training Models


### Advanced Epidural & Lumbar Puncture Model

<b>Image</b>	
<b>Details</b>	<p>Models allows for identifying the iliac crest, administering of local anesthetic injections, administering therapeutic treatments, performing diagnostic lumbar punctures, collection of fluid, and administration of an epidural.</p> <p><a href="#">Limbs &amp; Things LP Model</a></p>
<b>Quantity</b>	3 (Clinical Training Facility)

### Life/Form Pediatric Caudal Injection Simulation Model

<b>Image</b>	
<b>Details</b>	<p>The Caudal Injection Simulator represents a 12month-old infant in the left lateral decubitus position. Includes an anatomically correct coccyx with sacral hiatus for realistic practice.</p> <p><a href="#">Nasco Caudal Trainer</a></p>
<b>Quantity</b>	1 (Clinical Training Facility)

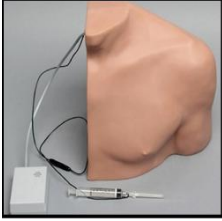
### Lumbar Puncture Simulator (Older Model)

<b>Image</b>	
<b>Details</b>	<p>The simulator offers palpable landmarks, lumbar puncture, CSF collection, CSF pressure measurement, epidural anesthesia, and anatomical understanding.</p>
<b>Quantity</b>	3 (Clinical Training Facility)




## Section VII: Joint Injection Models


### Shoulder Injection Model

Image	 A photograph of a shoulder injection model, which is a realistic-looking shoulder joint on a mannequin. It is connected to a small electronic device with a cable.
Details	Allows simulation for soft tissue joint injection practice for treatment of injuries and arthritis. The simulator provides audio feedback when an internal structure is touched with a needle. <a href="#">Sawbones Shoulder Injection Trainer</a>
Quantity	1 (Clinical Training Facility)


### Wrist Injection Model

Image	 A photograph of a wrist injection model, which is a realistic-looking wrist joint on a mannequin. It is connected to a small electronic device with a cable.
Details	Allows simulation for soft tissue joint injection practice for treatment of injuries and arthritis. The simulator provides audio feedback when an internal structure is touched with a needle. <a href="#">Sawbones Wrist Injection Trainer</a>
Quantity	1 (Clinical Training Facility)

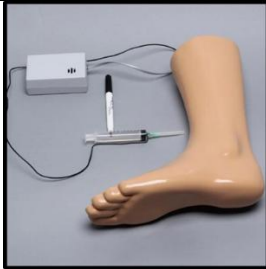
### Knee Injection Model

Image	 A photograph of a knee injection model, which is a realistic-looking knee joint on a mannequin. It is connected to a small electronic device with a cable.
Details	Allows simulation for soft tissue joint injection practice for treatment of injuries and arthritis. The simulator provides audio feedback when an internal structure is touched with a needle. <a href="#">Sawbones Straight Knee Injection Trainer</a>
Quantity	2 (Clinical Training Facility)

### Knee Injection Model with 60 degree bend

<b>Image</b>	
<b>Details</b>	Allows simulation for soft tissue joint injection practice for treatment of injuries and arthritis. The simulator provides audio feedback when an internal structure is touched with a needle. <a href="#">Sawbones Bent Knee Injection Trainer</a>
<b>Quantity</b>	1 (Clinical Training Facility)

### Ankle Injection Model


<b>Image</b>	
<b>Details</b>	Allows simulation for soft tissue joint injection practice for treatment of injuries and arthritis. The simulator provides audio feedback when an internal structure is touched with a needle. <a href="#">Sawbones Ankle Injection Trainer</a>
<b>Quantity</b>	1 (Clinical Training Facility)

### Arthrocentesis Model


<b>Image</b>	
<b>Details</b>	The trainer represents an extended left leg with ultrasound- compatible areas. Aspirate synovial fluid from a joint using a medial or lateral approach. <a href="#">Simulab Arthrocentesis Model</a>
<b>Quantity</b>	1 (Clinical Training Facility)

## Section VIII: OB/GYN Manikins & Task Trainers


### Sophie & her Mum

<b>Image</b>	
<b>Details</b>	Sophie and her Mum Full Birth Obstetric Trainer is designed for the simulation of cephalic birth, breech birth, and shoulder dystocia. <a href="#">Sophie and her Mum</a>
<b>Quantity</b>	1 (Clinical Training Facility)


### Gynecological Trainer

<b>Image</b>	
<b>Details</b>	Allows the practice of everyday procedures such as bi-manual palpation, pap smears, and use of the speculum with 7 different uteri. <a href="#">Gynecological Trainer</a>
<b>Quantity</b>	3 (Clinical Training Facility)


### Clinical Female Pelvic Trainer

<b>Image</b>	
<b>Details</b>	An anatomically accurate and tactile representation of the female pelvis. It is the ideal platform for hands on examination as well as diagnosis of pathologies and abnormalities. <a href="#">Clinical Female Pelvic Trainer</a>
<b>Quantity</b>	1 (Clinical Facility Training)

### Male Rectal Examination Trainer – Advanced

<b>Image</b>	
<b>Details</b>	Offers realistic training of core skills of digital rectal and PR examination as well as identifying abnormal or pathological conditions. <a href="#">Rectal Examination Trainer</a>
<b>Quantity</b>	2 (Clinical Training Facility)


### Female Catheterization Trainer – Standard

<b>Image</b>	
<b>Details</b>	The Female Catheterization Trainer allows trainees to learn urinary catheterization techniques, as well as care of a pre-inserted suprapubic catheter via the preported bung. <a href="#">Female Catheterization Trainer</a>
<b>Quantity</b>	1 (Clinical Training Facility)


### Male Catheterization Trainer – Standard

<b>Image</b>	
<b>Details</b>	The Male Catheterization Trainer allows trainees to learn urinary catheterization techniques specific to the male anatomy. <a href="#">Male Catheterization Trainer</a>
<b>Quantity</b>	1 (Clinical Training Facility)


### Life/Form Male Catheter Model

<b>Image</b>	 A realistic, flesh-colored anatomical model of a male urethra and penile area, used for catheterization training.
<b>Details</b>	These realistic catheterization models allows practice of proper insertion of a catheter along with teaching anatomy and sterile cleansing techniques before, during, and after insertion. <a href="#">Male Catheter Model</a>
<b>Quantity</b>	4 (Experiential Learning Center)


### Life/Form Female Catheter Model

<b>Image</b>	 A realistic, flesh-colored anatomical model of a female urethra and vaginal area, used for catheterization training.
<b>Details</b>	These realistic catheterization models allows practice of proper insertion of a catheter along with teaching anatomy and sterile cleansing techniques before, during, and after insertion. <a href="#">Female Catheter Model</a>
<b>Quantity</b>	4 (Experiential Learning Center)


### MammaCare Breast Tissues & Tumors

<b>Image</b>	 A box labeled 'MammaCare Breast Model' next to a realistic, flesh-colored breast model used for training.
<b>Details</b>	MammaCare developed the only known polymeric breast models that replicate the tactile properties of surgically excised breast cancers and surrounding, normally nodular tissues. Users learn to distinguish suspicious lumps from healthy breast tissue.
<b>Quantity</b>	6 (Clinical Training Facility)


### ABC Cup BSE Model Set

<b>Image</b>	 A green carrying case with a black strap, next to several breast self-examination (BSE) models in various shades of brown and tan. Some models are shown in their original packaging which features a collage of diverse people's faces.
<b>Details</b>	Each BSE model contains multiple lumps—some palpable that can be felt while performing BSE, and some that are non-palpable. <a href="#">ABC Cup Model</a>
<b>Quantity</b>	1 (Experiential Learning Center)

### Breast Examination Skills Trainer Torso


<b>Image</b>	 A brown, realistic-looking torso manikin with two breasts. A white-gloved hand is shown palpating the left breast.
<b>Details</b>	The Breast Examination Skills Trainer Torso is a task trainer manikin with left and right breasts attached to an adult upper torso. The left breast provides pathologies for breast self-examination (BSE) training, while the right breast provides pathologies for clinical breast examination training. <a href="#">Breast Examination Trainer</a>
<b>Quantity</b>	2 (Clinical Training Facility)

### Breast Palpation Skills Trainer Torso


<b>Image</b>	 A realistic-looking torso manikin with two breasts, shown next to several individual breast components (left and right breasts) that can be attached to the torso.
<b>Details</b>	Create a realistic look, feel, and texture, in addition to lifelike softness and durability. The simulator incorporates a combination of left and right breasts, including axilla regions, with a variety of masses that have distinct textures useful in recognizing normal and abnormal conditions. <a href="#">Breast Palpation Trainer</a>
<b>Quantity</b>	1 (Clinical Training Facility)

## Section IX: Ultrasound Equipment

### Sonosite Edge – Ultrasound Machine & Rolling Cart

<b>Image</b>	
<b>Details</b>	Rolling ultrasound for easy use. Equipped with phased-array, linear, and curvilinear probes.
<b>Quantity</b>	2 (Clinical Training Facility)

### Sonosite M-Turbo Ultrasound Machine

<b>Image</b>	
<b>Details</b>	SonoSite M- Turbo is a portable, surface level, ultrasound with interchangeable probes.
<b>Quantity</b>	3 (Clinical Training Facility)

### Sonosite NanoMaxx Ultrasound Machine

<b>Image</b>	
<b>Details</b>	NanoMaxx offers diagnostic imaging, color power Doppler and color-flow velocity in a portable tablet.
<b>Quantity</b>	3 (Clinical Training Facility)



## Intelligent Ultrasound Needle Trainer



### Details

NeedleTrainer uses a retractable needle and virtual image overlays to simulate needling non-invasively on a live participant, using an authentic live ultrasound scan. This enables trainees to develop hand-eye coordination, optimum positioning, and accuracy in ultrasound-guided interventional procedures in a realistic clinical environment with minimal risk.

- Central Venous catheterization
- Peripheral Inserted Central catheterization
- Peripheral Intravenous cannulation insertion
- Femoral Venous Catheterization
- Subclavian Venous catheterization

[Surgical Science NeedleTrainer](#)

### Quantity

1 (Clinical Training Facility)

Section X: Video Laryngoscope Equipment

GlideScope Core 15 System



Details

Elevates visibility with a 15" Full HD touchscreen monitor for team-based care and teaching opportunities. Delivers dual-views of the airway with side-by-side images for difficult airway management.

[GlideScope Core System](#)

Quantity

2 (Clinical Training Facility)

ACCESSORIES

Bflex 2 single-use bronchoscope



GlideRite rigid stylets



Spectrum QC eco




**GlideScope Core 10 System**




<b>Details</b> <p>Elevates visibility with a 10" Full HD touchscreen monitor for team-based care and teaching opportunities. Delivers dual-views of the airway with side-by-side images for difficult airway management.</p> <p><a href="#">GlideScope Core System</a></p>	
<b>Quantity</b>	1 (Experiential Learning Center)

## Verathon GlideScope GVL

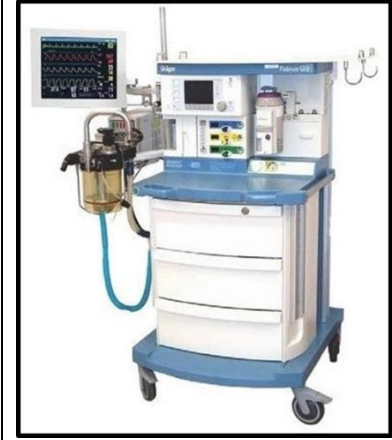
<b>Image</b>	
<b>Details</b>	<p>The Verathon GlideScope GVL video laryngoscope allows for quick intubations and a clear view. Different size laryngoscopes and the high-resolution camera that offer a real-time view of the airway and tube placement.</p>
<b>Quantity</b>	<p>2 (Clinical Training Facility)</p>

## DAVI SmartKart: Difficult Airway Video Intubation

<b>Image</b>	
<b>Details</b>	<p>Contains scopes &amp; accessories including camera &amp; light source for video laryngoscopy.</p>
<b>Quantity</b>	<p>1 (Clinical Training Facility)</p>

## Section XI: Operating Room Equipment

### Dräger Fabius GS Anesthesia Workstation



#### Details

The Dräger Fabius GS is a versatile anesthesia workstation used in operating rooms to deliver and monitor anesthesia. It features advanced electronic ventilation modes (including volume and pressure control), integrated vaporizers, a gas scavenging system, and a patient breathing circuit. Designed for efficiency and ease of use, it offers robust performance and flexibility for a wide range of surgical procedures.

[Fabius GS Premium- Newer Version](#)

### GE Datex-Ohmeda Aestiva 5 Anesthesia Machine



#### Details

The Aestiva 5 is a reliable and user-friendly anesthesia machine used in operating rooms to deliver and monitor anesthesia gases. It features advanced ventilation modes, a three-gas delivery system, vaporizer manifold, gas scavenging, and safety systems like hypoxic alarms. Designed for flexibility and efficiency, it includes useful additions such as a fold-up writing shelf, integrated suction, and modular design for compatibility with GE systems.

[Refurbished Machine](#)

### Steris Amsco 3080 Surgical Table




#### Details

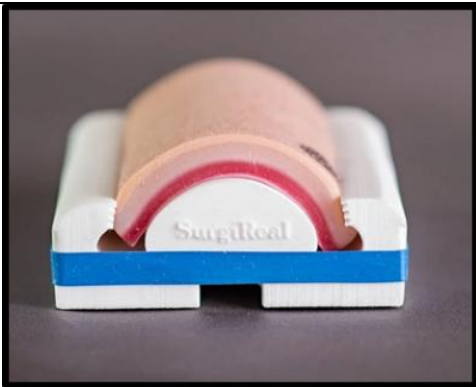
The Amsco 3080 is a versatile and reliable general surgical table to suit various operating room needs. It features a radiolucent tabletop, easy patient positioning, and standard remote control operation. With adjustable height, tilt, and Trendelenburg capabilities, the Amsco 3080 is designed to provide flexibility and efficiency in surgical environments.

## Section XII: Suture Supplies

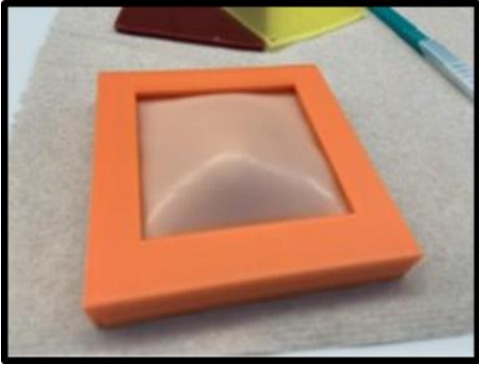
### Surgical Knot Tying Board Kit

Image	 A white rectangular board with a circular handle on the left. It features a blue suture thread and a yellow suture thread, both with yellow handles. The text "ARTAGIA MED" and "SUTURE PRACTICE KITS AND SUPPLIES" is printed on the board.
Details	Designed to facilitate hands-on learning and demonstrations. It covers a wide range of knot types for comprehensive surgical training.
Quantity	20 (Clinical Training Facility) 20 (Experiential Learning Center)






### Curved Tension Base

Image	 A white plastic base with a blue strip on the front. A pink, curved skin pad is mounted on top. The brand name "SurgilReal" is visible on the white base.
Details	Holds the skin pad in place conforming it to a rounded surface to replicate life-like surface tension of an incision. After securing your pad to the base, once cut, the incision will “open up” allowing the student to gain realistic access to the lower muscle and fascia layers for deep suturing.
Quantity	20 (Experiential Learning Center)

## Abscess Incision & Drainage Trainer

<b>Image</b>	
<b>Details</b>	Allows for I&D training using a secure base. Made in partnership with the UMKC School of Engineering students to meet the needs of the Clinical Training Facility.
<b>Quantity</b>	6 (Clinical Training Facility)

## Standard Suture Workshop Supplies


Needle Holder	Suture Scissors	Tissue Forceps
		
Safety Scalpel	Misc Suture Packs (Inquire with CTF staff for specific requests)	
		

## Section XIII: Procedure Kits & supplies

### IV Start Kit

 A photograph of the IV Start Kit contents laid out on a white surface. The items include a large white and green bag of Tegaderm Film, two IV needles with green handles, a J-Loop Extension Set with a grey connector, a syringe with a white plunger, two boxes of Gauze Pads, a box of Alcohol Pads, a blue tourniquet, a roll of Transpore Tape, and a small roll of Tegaderm.	<p><b>Details</b></p> <ul style="list-style-type: none"><li>○ IV needles</li><li>○ J-Loop Extension Set</li><li>○ Gauze Patch</li><li>○ Alcohol Pads</li><li>○ Tourniquet</li><li>○ Transpore Tape</li><li>○ Tegaderm</li></ul>
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### Arterial Line Kit

 A photograph of the Arterial Line Kit contents laid out on a blue surface. The items include a fenestrated drape, a cap mask with an eye shield, a one-way stopcock, a syringe, a skin prep bottle, a Tegaderm or BioPatch, and a pair of scissors.	<p><b>Details</b></p> <ul style="list-style-type: none"><li>○ Fenestrated drape, cap mask with eye shield</li><li>○ One way stopcock</li><li>○ Skin Prep</li><li>○ Tegaderm or BioPatch</li><li>○ Saline</li></ul>
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## Chest Tube Kit



### Details

- Fenestrated Drape
- Lidocaine
- Chest Tube Introducer
- 10 mL syringe with 22g x 1 ½ needle
- 25g needle
- #11 Scalpel
- Curved Kelly clamp, small
- Needle driver

## Pneumothorax – Chest Tube Kit



### Details

- Catheter over 18g RW Pneumothorax Needle
- Injection Needle: 22g x 1 ½ , 25g x 1
- Blunt Fill Needle
- Syringe: 10mL luer-lock, 5 mL luer-slip
- Chloraprep
- Extension Tube
- Drape
- Stopcock
- 1: Heimlich valve

## Central Line Kits – Complete



[TeleFlex – Complete Kit in Action](#)

[Complete CVC Insertion Video](#)

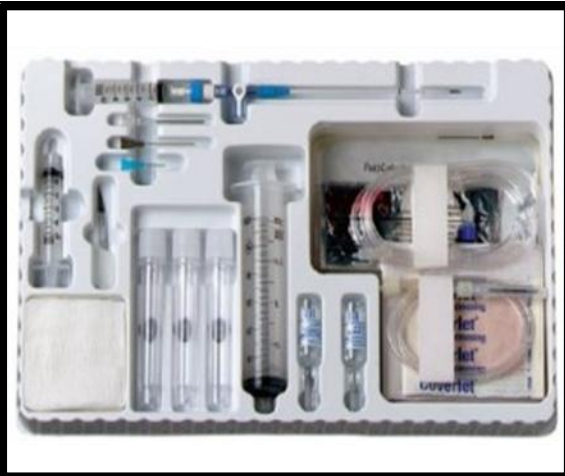
## Percutaneous Sheath Introducer (PSI) Kit



### Details

- Catheter: 20g x 1 ¾" over 22g Introducer Needle
- Introducer Needle: 18g x 2 ½"
- Pressure Transduction Probe
- 20g x 1 ½" and 5 mL Spring Wire Introduction
- Syringe
- 25g x 1" and 3 mL Luer-Lock Syringe
- 23g x 1 ½" and 5 mL Luer-Slip Syringe
- Obturator: 8 Fr

## Thoracentesis & Paracentesis Kit



### Details

- Three-way stopcock syringe
- Luer-lock syringe
- Lidocaine
- Hydrochloride
- Needles, 25g x 5/8 & 22g x 1 ½
- Gauze sponges, 3 x 3
- Towel
- Fenestrated drape
- Drainage catheter

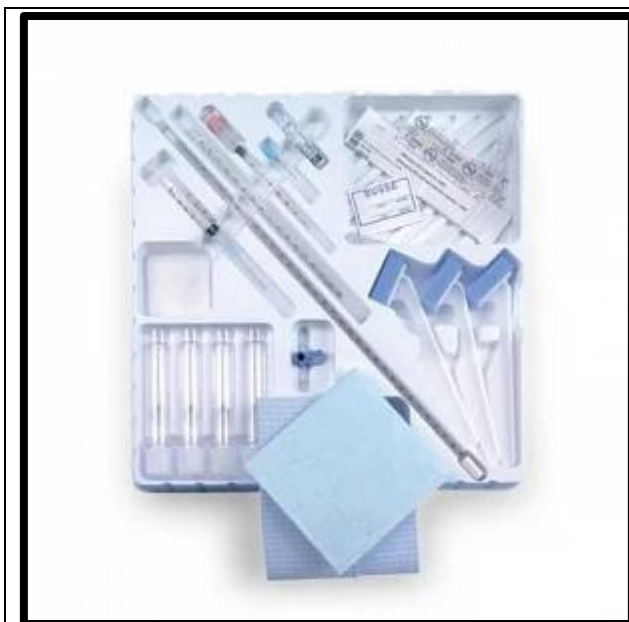
## Arthrocentesis Kit



### Details

- Towel
- Gloves
- Antiseptic skin cleaning solution
- Syringes – 10 mL, 60 mL
- Needles – blunt needle, 25 g or 26 g needle
- Lidocaine
- Spinal needle – 18g or 20 g
- Collection Tubes

## Lumbar Puncture Kit



### Details

- 3cc Luer-lock syringe
- 25g x 5/8 needle
- 22g x 1 ½ needle
- Infiltration with 20g x 3 ½ needle
- 20g x 3 ½ spinal needle
- 22g x 3 ½ spinal needle
- Three-Way Stopcock
- Specimen tubes with caps
- Sponge applicators
- Gauze pads, 2" x 2"
- Fenestrated drape
- Absorbent towel Bandage
- Extension tubing, 5

## Continuous Epidural Tray



### Details

- Epidural Catheter
- Connector
- Epidural Needle
- Needle: 18g, 19g, 25g
- Syringe: 20 mL, 3 mL, 5 mL
- Sponge Stick

## Pericardiocentesis Kit



### Details

- Pigtail Catheter
- Wire Guide
- Dilator
- Percutaneous entry needle: 7cm, 12cm
- Plastic tubing adapter
- Needles: 22g, 25g

## Spinal Block Kit



### Details

- 25g x 3.5" Whiteacre spinal needle
- 5mL spinal syringe
- Blunt fill needle
- Needle: 22g x 1.5", 25g x 1"
- Introducer needle

## Temporary Pacing Catheter



### Details

- Introducer sheath
- Dilator
- Pacing catheter
- 'J' tip spring guidewire
- Cath-Gard


## Trauma Kit




### Details

- Sheath with tissue dilator
- Spring guidewire
- Pressure transduction probe


### Laceration Tray

	<b>Details</b> <ul style="list-style-type: none"><li>○ Forceps</li><li>○ Needles</li><li>○ Gauze</li><li>○ Cups</li><li>○ Scissors</li><li>○ Hemostat</li><li>○ Syringe</li></ul>
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### Foley Catheter Tray

	<b>Details</b> <ul style="list-style-type: none"><li>○ Povidone-Iodine swabs</li><li>○ Waterproof underpad</li><li>○ Drape</li><li>○ 10cc syringe (prefilled with sterile water)</li><li>○ Gloves</li><li>○ Lubricant</li><li>○ Graduated collection container</li><li>○ Misc. catheters</li></ul>
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### Cricothyrotomy Kit

	<b>Details</b> <ul style="list-style-type: none"><li>○ Scalpel</li><li>○ Endotracheal tube, 6.0mm cuffed</li><li>○ 35cm bougie</li><li>○ 10cc syringe</li><li>○ Curved Kelly forceps</li><li>○ Tracheal Hook</li></ul>
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### Laparoscopic Balloon Catheter

	<b>Details</b> <ul style="list-style-type: none"><li>○ Non-Radiopaque Karlan ballon catheter</li><li>○ Curved guided catheter</li><li>○ Syringe</li><li>○ CSP wrap</li><li>○ 3-way stopcock</li></ul>
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## Crash Cart

	<b>Top of Cart</b> <ul style="list-style-type: none"> <li>○ Monitor leads</li> <li>○ BP Cuff</li> <li>○ Defibrillator</li> <li>○ Suction Unite with Yankauer</li> <li>○ SPO2 Probe</li> </ul>
	<b>Drawer 1</b> <ul style="list-style-type: none"> <li>○ Adenosine</li> <li>○ Amidate</li> <li>○ Atropine</li> <li>○ Calcium Chloride</li> <li>○ Dextrose</li> <li>○ Epinephrine</li> <li>○ Rocuronium Bromide</li> <li>○ Succinylcholine</li> <li>○ 5mL syringe</li> <li>○ 10mL syringe</li> <li>○ Blunt end tips for syringe</li> </ul>
<b>Drawer 2</b> <ul style="list-style-type: none"> <li>○ 10ml luer-lock syringe</li> <li>○ 60mL luer-lock syringe</li> <li>○ Capnaostate-CO2 tubing</li> <li>○ ET tube strap</li> <li>○ EtCO2 detector</li> <li>○ Laryngoscope handle</li> <li>○ LMA #3</li> <li>○ LMA #4</li> <li>○ Lubricant spray</li> <li>○ Mac blade #3</li> <li>○ Mac blade #4</li> <li>○ Miller blade #3</li> <li>○ Miller blade #4</li> <li>○ NPA 7</li> <li>○ ET Tube: 6.0, 6.5, 7.0, 7.5, 8.0</li> <li>○ OPA – 100</li> <li>○ Suction catheter tubing</li> <li>○ Tongue depressor</li> <li>○ Flexible stylet</li> <li>○ Rigid Stylet</li> </ul>	
<b>Drawer 3</b> <ul style="list-style-type: none"> <li>○ 0.9% NaCl 1000mL</li> <li>○ 0.9% NaCl 500mL</li> <li>○ 0.9% NaCl 250mL</li> <li>○ 2" cloth tape</li> <li>○ 18g IV</li> <li>○ 20g IV</li> <li>○ IV extension with tubing</li> <li>○ IV dressing (Tegaderm)</li> <li>○ IV administration set</li> </ul>	
<b>Drawer 4</b>	<b>Drawer 5</b>
<ul style="list-style-type: none"> <li>○ BVM</li> <li>○ Nonrebreather</li> <li>○ Nasal cannula</li> </ul>	<ul style="list-style-type: none"> <li>○ Stifneck adjustable collar</li> <li>○ Nasal Cannula</li> <li>○ SpO2 sensor</li> </ul>



## Section XIV: UMKC School of Medicine Simulation Locations

### CLINICAL SKILLS AREA (YOUNGBLOOD MEDICAL SKILLS LABORATORY-105K)

The large skills area consists of three patient care bays, each with video and audio recording. Each bay can be closed off with a glass partition that greatly reduces sound transfer or opened into one large room. There are two sinks and counters in this area. The work areas within this area are flexible, but each area is normally set up as an ED/ICU bay.



#### Standard Simulation Bay Setup

- Patient Bed
- Stool
- Audio Video Equipment
- Monitor Screens
- Crash Cart
- Headwalls
- Defibrillator
- Sharps Container

### EXAM ROOM SUITE (105H)

The exam room suite consists of four examination rooms with exam tables and diagnostic tools. The exam rooms open into a common space with a large screen monitor and table for local debriefing. Each exam room has a sink and can be used for small group skills training as well.



#### Standard Exam Room Suite

- Exam Table
- Side Chair
- Exam Stool
- Audio Video Equipment
- Integrated Diagnostic System
- Examination Equipment
- Computer Workstations

### **OPERATING ROOM (105M)**

This room is configured as an operating suite for the Anesthesia Assistant program but is available for other users. This room has an anesthesia machine, operating table, and houses difficult airway equipment. There is a wall-mounted dry-erase board in this room.

### **CLASSROOM FACILITY (105A & 105F)**

We have two classrooms that can be expanded into one large lecture room. Both classrooms seat 24. Each classroom is equipped with a computer and projector and is capable of streaming live audio and video from the skills area to the classroom screen. The rooms can be configured to project separate presentations in each room or combine to project the main presentation in both areas.

### **EXPERIENTIAL LEARNING CENTER (SCHOOL OF MEDICINE M2-C04)**

The Experiential Learning Center (ELC) offers a 30-seat hybrid simulation/classroom space. Video and audio recording is available throughout space. 3 Large presentation screens are available at the front, and two large screens are available at the back for presentation or student work groups. The space can be used as an ED/ICU space with an available head wall with typical gas and electrical hook-ups along, moveable hospital bed, and small surgery light. The space also features 1 patient exam room adjacent to the main hybrid space with an exam table and diagnostic tools.