### **Human Patient Simulators**

Name	Image	Description	Quantity	Manual
SimMan Essential		A full-body patient simulator is used to teach core skills in airway, breathing, cardiac, and circulation management. In addition, the simulator is equipped with a patient monitor that displays vitals, labs, and radiology.	1	SimMan Essential Manual
SimMan 3G		A full-body patient simulator that displays physiological and neurological symptoms, this HPS teaches cricothyroidotomy, endotracheal intubation, retrograde intubation, chest tube placement, intraosseous needle insertion, intravenous insertion, and urinary catheterization. In addition, it can be programmed to simulate many scenarios requiring defibrillation, cardiac pacing, and the administration of cardiac medications.	1	SimMan 3G Manual
Emergency Medicine Crash Cart		Emergency Medicine Crash Cart. This cart is filled with all the necessary medication and equipment needed to support a life support scenario during the learner's simulation case.	2	

SimPad Plus System	The second secon	SimPad Plus is an operating device for Laerdal manikins. This device allows instructors to deliver simulation-based training and learning objectives.	2	
SimPad System	What do you want to do?  What do you want to do?  What do you want to do?	SimPad System is an operating device for Laerdal manikins. This device allows instructors to deliver simulation-based training and learning objectives.	2	
VitalSim Controller	Vical Simi	VitalSim is a programmable scenario-based controller that connects manikins and skilled trainers to simulated ECGs, heart sounds, fetal heart tones, breath sounds, bowel sounds, blood pressure and pulses.	2	

# Surgical Simulators (416 SA)

Name	Image	Description	Quantity	Manual
Gl Mentor		The GI-Bronch Mentor platform offers a combined system for the training of both GI Endoscopy and Flexible Bronchoscopy.  The Bronch Mentor provides a comprehensive solution for the flexible bronchoscopy training needs of pulmonary and critical care physicians, anesthesiologists, and interventional pulmonologists.  The GI Mentor provides multiple training opportunities offering realistic scenarios of clinical situations, ranging from simple diagnostic procedures to advanced ERCP and Endoscopic Ultrasound (EUS) procedures. The original Colonoscope and Duodenoscope have been customized to provide realistic simulation, including tactile sensations and various endoscopic tools.	1	Bronch: Bronch Manual  GI: GI Manual
FLS Trainer System		The Fundamentals of Laparoscopic Skills Trainer features basic skill tasks and complete clinical procedures combined to provide an optimal learning environment for motor, cognitive, and coordinative skills acquisition, and diagnostic and therapeutic clinical hands-on experience.  The FLS tasks include:  PEG Transfer Pattern Cutting Endoloop Placement Extracorporeal Suturing Intracorporeal Suturing	10	

Arthro-S	The simulator features a line of simulated procedures, combining fiberglass / polyurethane anatomical models (shoulder, knee, and hip) with 3D images and haptic sensation, to allow users to learn key aspects of the procedures.  Currently out of service	1	
FLS Monitors	The LED FLS monitors provide specific visualization for training with a TV camera and FLS box.	14	
Laparoscopic Graspers	Laparoscopic Graspers are training instruments used for grasping, practicing, testing for FLS and other surgical procedures.	15	
Laparoscopic Needle Drivers	Laparoscopic needle drivers are training instruments used for grasping, holding, practicing, and testing for FLS and surgical procedures	11	

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Laparoscopic Scissors		Laparoscopic scissors are training instruments used for cutting, practicing, and testing for FLS and surgical courses	33	
Maryland Dissectors	Sundica.	Maryland dissectors are training instruments used for blunt dissecting, practicing, and testing for the FLS and surgical procedures.	20	
Insufflated Hard Belly		The Belly simulates an insufflated abdominal cavity.  Allows the user to use their own scope and monitor to aid in creating a more realistic environment and has 13 ports.	3	

# Task Trainer (Airway Management/ Resuscitation)

Name	Image	Description	Quantity	Manual
Airway Management Trainer		The Laerdal Airway Management Trainer realistically simulates an adult airway, and the lifelike upper torso and head can be used to demonstrate and practice intubation, ventilation, and suction techniques. In addition, it can be used to demonstrate upper airway bronchoscopy and bronchoscopy guided endotracheal intubation.	6	Airway Manual
SAM Student Auscultation Mannequin	SAM STATE OF THE PROPERTY OF T	SAM is used to teach the desired cardiac, lung, bowel, or bruit sounds.	4	
Simscope	82	The Simscope is used to auscultate Standardized Patients and manikins for simulation-based procedures.	13	
Ventriloscope		The Ventriloscope is used to operate as a normal stethoscope and obtain live patient sounds	4	

# Task Trainer (Vascular Access / Injection)

Name	Image	Description	Quantity	Manual
Arterial Arm Stick Kit		Lifelike adult male arm reproduction with infusible arteries designed for training the proper arterial puncture procedure for blood gas analysis.	3	
Arterial Line Trainer		With this true to life hand and arm model, users can safely practice arterial cannulation, ABG and arterial puncture to complete continuous blood pressure measurement and blood gas sampling in critically ill patients.	1	
Laerdal Advanced Venipuncture Arm		Best training mannequin for learners to practice phlebotomy training.	9	

PICCLine Man	PICCLineMan is a Peripheral Inserted Central Catheter (PICC) training solution that allows medical professionals to train using real-time ultrasound guidance during catheter placement	1	
Lumbar Puncture Mannequin	Mannequin provides a safe and realistic avenue for learners to train on how to position hold and insert during lumbar procedures.	5	
Ultrasound Thoracentesis Model	The Ultrasound Thoracentesis Model is a realistic training model for teaching ultrasound-guided thoracentesis techniques. The model simulates a torso with anatomical landmarks, including the scapula, ribs, diaphragm, pleural cavity, and lung.	1	

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Foot & Ankle for		A foot and ankle for practicing soft tissue injection for the	1	
Joint Injection		treatment of injuries and arthritis.		
Hand & Wrist for		An articulated right hand and wrist used for practicing soft	1	
Joint Injection		tissue joint injection for the treatment of injuries and arthritis.		
Knee for Aspiration	•	Adult knee model with accurate anatomy for training of knee joint injection and synovial fluid aspiration.	1	
	\$ adve-			
L	1		1	

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Shoulder for Joint		The Palpation guided Shoulder Injection Trainer offers an	1	
Injection		ideal way to learn and effectively teach the skills needed		
	1	for injections in the 4 most common shoulder sites.		
	20	Skills:  Patient posture and management Palpation techniques Injection on five specific sites: Subacromial space, Acromioclavicular joint, Bicipital groove, Glenoid fossa from the anterior aspect, Glenoid fossa from the posterior aspect		
		Currently out of service		
Lumbar Puncture/Epidural Trainer		Our true-to-life simulator sits upright or in a lateral decubitus position and features the lumbar vertebrae, iliac crest, spinous process, ligamentum flavum, epidural space, and dura.  The trainer supports three varieties of lifelike, ultrasound compatible replaceable tissues that mirror significant anatomical differences found in obese, geriatric, and normal patient populations. Every tissue allows users to experience variances in disc thickness and soft tissue depth on top of the vertebrae.	1	

Lumbar Epidural Trainer	Our true-to-life simulator sits upright or in a lateral decubitus position and features the lumbar vertebrae, iliac crest, spinous process, ligamentum flavum, epidural space, and dura.  The trainer supports three varieties of lifelike, ultrasound compatible replaceable tissues that mirror significant anatomical differences found in obese, geriatric, and normal patient populations. Every tissue allows users to experience variances in disc thickness and soft tissue depth on top of the vertebrae.	1	
Central Line Man	This task trainer allows learners to realistically train on how to properly insert central lines.	5	
Upper Central Line Trainers	This task trainer allows learners to realistically train on how to properly insert central lines.	2	

Femoral Line Man		Femora Line Man is an ultrasound compatible task trainer that offers an effective training solution for central venous or arterial access using the femoral site.	4	
		or arterial access using the femoral site.		
Paracentesis Trainer		This ultrasound compatible trainer allows students to perform diagnostic and/or therapeutic paracentesis. The anatomically correct trainer is positioned to simulate a patient sitting up at a 45-degree angle with a distended abdomen and includes the pubic symphysis, iliac crest, and umbilicus.	1	
Laparotomy Model	SIMULAN.	The Laparotomy Model can be used to simulate open laparotomy. The base is watertight and can be filled with fluid to simulate internal bleeding.	1	

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Venipuncture Tissue Pad Trainer	MES.  DECRES.  TOTAL STATEMENT OF THE PROPERTY	Our ultrasound-compatible Venipuncture Pads are perfect for practicing venipuncture, nerve identification, or peripheral catheterization on varying sized veins filled with red fluid.	1	
SAM IO Driver	п п	The SAM IO Driver is a manually controlled device that rotates the needle assembly by continually compressing a trigger. The manually driven driver offers a controlled and precise IO placement by applying light pressure.	2	
IO Tissue Models	SIMULAB		4	

# Task Trainers (Trauma)

Name	Image	Description	Quantity	Manual
Trauma Man		The TraumaMan System is an anatomically correct human body form that allows students to practice a variety of advanced surgical procedures. It includes a simulated human torso with a ventilator and four anatomically correct surgical zones, plus an ankle base for IV Cutdown. Its flexible design and replaceable tissues give each student a "first cut" experience and make it easy to incorporate into team trauma training.	2	
Megacode Kelly Full Body Mannequin		Designed for learners to train for trauma, CPR, NBC, first aid, and other learning components.	3	Mega Code Kelly Manual
Abdominal Aortic Aneurysm (AAA) Repair Trainer		An aneurysm repair model incorporating aortic, common iliac and internal iliac aneurysms  Skills:  Management of skin and soft tissue Management and handling of small bowel encroachment Longitudinal arteriotomy Preparation and insertion of a bifurcated graft End-to-end inlay anastomosis End-to-side anastomosis Infra renal, juxta renal, and type IV renal reimplantation Arterial aneurysm closure around a graft	1	N/A

Knot-tying Boards	ETHICOL	Knot-tying boards provide an excellent practice for hands eye coordination for suturing and knot-tying skills.	60	http://surgsoc.org.au/wp- content/uploads/2014/03/Ethicon- Knot-Tying-Manual.pdf
Suture Pads		Suture Pad is designed to mimic the first 6 layers of the abdominal wall. The layers replicate the Epidermis, Dermis, Subcutaneous, first Fascia layer, Muscle, and second Fascia layer.	Square-29 Rectangle- 105	

# Task Trainers (Men's Health)

Name	Image	Description	Quantity	Manual
Advanced Catheterization Trainer		The Advanced Catheterization Trainer Set contains both the Male and Female Catheterization Trainers, a pelvic shell & stand for each separate module, and two water systems.	2	
Colonoscopy Trainer		Designed for practicing colonoscope handling and techniques.  It presents a wide range of challenges to trainees performing a colonoscopy, from simple and uncomplicated cases to difficult and sensitive variations. Providing the necessary training required to avoid patient pain and discomfort during an examination.	1	
Male Pelvic Trainer with accessories		Designed to help students learn and practice various men's health clinical procedures.	4	
Advanced ZACK: Multipurpose Male Care Task Trainer	3	Designed to help students learn and practice various men's health clinical procedures.	4	

# Task Trainer (OBGYN)

Name	Image	Description	Quantity	Manual
Advanced Catheterization Trainer		The Advanced Catheterization Trainer Set contains both the Male and Female Catheterization Trainers, a pelvic shell & stand for each separate module, and two water systems.  The feeling of the catheter passing along the urethra into the bladder corresponds closely to real life.	4	
Birthing Simulator		This birthing simulator is suited for all learners in both professional education and healthcare providers.	3	
Female Pelvic Trainer		The anatomically accurate and tactile representation of the female pelvis is a great platform for hands-on examination for all learners.	8	

Female Pelvic w/ accessories	CLINICAL FEMALE PELVIC TRAINER (CFPT) MK 3 ADVANCED	The CFPT Mk 3 is an anatomically accurate and tactile representation of the female pelvis. It is the ideal platform for hands-on examination as well as diagnosis of female conditions and minor pathologies. It can be used for many levels of training from undergraduate onwards, as well as in family health.	1	
Female Pelvic Trainer Accessories		The anatomically accurate and tactile representation of the female pelvis is a great platform for hands-on examination for all learners.	7	
Breast Simulator		Breast Examination Trainer provides faculty a realistic platform to train learners on delicate skills during breast exams.	3	
Breast Palpation Simulator		Breast Examination Trainer provides faculty a realistic platform to train learners on delicate skills during breast exams.	1	

Advanced Breast Examination Trainer	Breast Examination Trainer provides faculty a realistic platform to train learners on delicate skills during breast exams.	8	Breast Manual
Open Inguinal Hernia Trainer	The Hernia Trainer is an anatomically correct body form that allows clinicians to practice essential hands-on skills and techniques for each stage of direct (abdominal wall) or indirect (inguinal canal) surgical mesh placement.	7	
Femoral Popliteal Bypass Trainer	This trainer is used to practice on how to treat blocked femoral artery.  Skills:  Management of pre-incised skin and soft tissue to provide adequate access to the relevant vessel Identification of the internal structures around the vessel Maintaining access and conducting delicate maneuvers with a confined space  Anastomosis of arterial graft  Fluid flush test	2	

Perineal Model	The Perineal Repair Trainer is the only soft tissue model for anatomical and procedural training of first to fourth-degree perineal tears. The trainer includes vaginal and anal canals, rectovaginal fascia, skin and muscle layers, a retractable rectal sphincter and rectal mucosa; and allows for midline, mediolateral, and lateral incisions.	12	
OB Susie	The Super OB Susie® birthing training torso has been designed to assist instructors in teaching individuals at all stages how to administer effective childbirth management. With its precise representation of the pelvis and fully developed infant, students can develop valuable clinical skills that can be applied to simulated labor and delivery exercises.	2	

### Task Trainer (Cardiac/ Pulmonary)

Name	Image	Description	Quantity	Manual
Chamberline Heart Model		Heart Case provides surgical learners with a platform for deliberate practice of basic cardiac operative skills in a safe, repeatable environment.  Skills:  Coronary Artery Bypass Aortic Valve Implantation Aortic Cannulation End-to-Side anastomosis on small vessels Mitral Valve Procedures	2	
Adult Half Body CPR Mannequins		An enhanced CPR trainer for learners to train on for First Aid and CPR training.	12	
Baby CPR Mannequin		An enhanced CPR trainer for learners to train for infants who may need First Aid and CPR training.	13	

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Child Half Body CPR	Little Junior	An enhanced CPR trainer for learners to train on for children who may need First Aid and CPR.	2	
HeartSim 200 rhythm generator	ESCHA EM SIM  SECHA EM SIM  SE	This ECG rhythm simulator is designed to provide basic, modified, and pediatric rhythms with variable pulse rate and strength.	4	

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1 Decidal After a rect Will Will Will Molecular Entered Loss Will Lauredal Advisor Entered Loss Will Lauredal	This HeartStart AED provides on demand voice instructions on how to respond during a cardiac arrest scenario.	9	
	This Life like training arm is perfect for students to train on	1	
		_	
	Mobile Heart monitor and defibulator with capnography, external pacing, 12-lead electrocardiography, and other monitoring functions.	4	LifePak 12 Manual
	u z	This Life like training arm is perfect for students to train on how to properly take a patient's blood pressure.  Mobile Heart monitor and defibulator with capnography, external pacing, 12-lead electrocardiography, and other	This Life like training arm is perfect for students to train on how to properly take a patient's blood pressure.  Mobile Heart monitor and defibulator with capnography, external pacing, 12-lead electrocardiography, and other

Task Trainer (E	ENT)			
Ear Examination Simulator		The Ear Exam Simulator is used to obtain a safe and reliable skill to facilitate hands on clinical skills.	7	
Eye Examination Simulator		The Eye Exam Simulator is used to obtain a safe and reliable skill to facilitate hands on clinical skills.	6	
OphthoSim	phthosing and the state of the	This trainer by OtoSim is used for learners to get a visual of how to conduct proper eye exams on patients.	1	

Oto Sim	50	OtoSim 2™ is the ultimate otoscopy simulation trainer built	1	
0.00 31111			4	
	Turound In the second of the s	for teaching and testing otoscopy skills.		

# **OR Equipment**

Name	Image	Description	Quantity	Manual
Olympus Endoscopy System		This machine provides a live image from inside the operating area.	1	
Laparoscopic Tower	Tandard Comments of the Commen	This machine provides a live image from inside the operating area.	2 Linvatec/ 2 Storz	

Vet Anesthesia	(Market)	An anesthesia machine is used to prepare and sedate a	4	
Machine	The state of the s	patient using a gas mixture.		
Anesthesia		The workstation is used to monitor breathing rates and to	4	
Workstation		ensure there are no leaks within the anesthesia machine.		
Erbe Vio 300 D		Electrosurgical System used during endoscopic	2	Erbe Manual
	The state of the s	procedures.  Not available for use outside of Simulation Labs		
Water Pumps		The Water Pump system provides a safe and effective	5	
·	Stryker Stryker	warming and cooling therapy to the water blanket.  Not available for use outside of Simulation Labs		
Bed blankets		Forced air warming, water-circulating mattress pads, heating pads and heat reflective blankets.	6	
	Large	Not available for use outside of Simulation Labs		

	DCI	VI Simulation Core Equipment Catalog		T
IV warmers		Fluid warmer is an ultra-compact and lightweight heater for all IV fluids. It helps to decrease the temperature difference between the animal and the IV liquid.  Not available for use outside of Simulation Labs	4	
Bair Huggers	Bair Hugger  Van Vergenden Vergend in	The Bair Hugger system is a convective temperature management system used in our ORs to maintain a patient's core body temperature.  Not available for use outside of Simulation Labs	4	
Microsurgery Microscope		A compact optical microscope provides surgeons with a high-quality magnified image of small surgical areas.  Not available for use outside of Simulation Labs	1	

Microsurgery	201	A compact optical microscope provides surgeons with	1	
Microscope		a high-quality magnified image of small surgical areas.  Not available for use outside of Simulation Labs		
Microsurgery Microscope		A compact optical microscope provides surgeons with a high-quality magnified image of small surgical areas.  Not available for use outside of Simulation Labs	1	
Micro SX Anesthesia Unit		An anesthesia machine is used to prepare and sedate a patient using a gas mixture.  Not available for use outside of Simulation Labs	1	

Electrosurgical		Electrosurgical System used during endoscopic	3	
Unit		procedures.		
	The second secon			
Patient Monitor	COVER	The Vital monitor is a valuable tool that helps provide		
		body temperature, pulse rate, blood pressure and	26	
	12 10	other signs during operations.	2 Surgivet/ 2 DRE	
		Not available for use outside of Simulation Labs	20112	

# **Ultrasound Equipment**

Name	Image	Description	Quantity	Manual
Edge Ultrasound		This multi-purpose ultrasound is perfect for all medical imaging needs.	2	Edge Manual
Transducer		Compatible with the Edge:	1	
Scan depth 15cm		Abdominal/Gynecological/Musculoskeletal/Nerve		
Bandwidth 5-2MHz				
Transducer		Compatible with the Edge:	1	
Scan depth 6cm		CIMT/ Musculoskeletal/Nerve/ Small Parts/ Vascular/Venous		
Bandwidth				
13-6MHz				
Transducer		Compatible with the Edge:	1	
Scan depth 35cm	10	Abdominal/Cardiology/Obstetrics		
Bandwidth				
5-1MHz Phased				

Transducer		Compatible with the Edge:	1	
Scan depth 9cm	The	Arterial/Lung/Nerve/Venous		
Bandwidth				
10 - 5MHz				
SonoSite X-Porte		Large ultrasound monitor with 81 instructional video	1	Sonosite Manual
Ultrasound	m	tutorials.		
		Currently out of service		
Transducer		Compatible with the X-Porte	1	
Scan depth 15cm		Abdominal/Musculoskeletal/Nerve		
Bandwidth 8-3MHz				
Transducer		Compatible with the X-Porte:	1	
Scan depth 6cm		Breast/Musculoskeletal/Nerve		
Bandwidth				
15 – 6MHz				
Transducer		Compatible with the X-Porte:	1	
Scan depth 6cm		Arterial/Lung/Musculoskeletal/Opthalmic/Venous		
Bandwidth				
13 – 6MHz				

IVIZ Ultrasound	This handheld ultrasound machine is great for learners to train on improving their imaging skills.	6	iVIZ Manual
Transducer Scan depth 32cm  Bandwidth 5 – 1MHz Phased	Compatible with iVIZ: Abdominal/Cardiology/Lung/Obstetrics	1	
Transducer Scan depth 9cm  Bandwidth 10 – 5MHz Linear	Compatible with iVIZ: Lung/Breast/Musculoskeletal/Opthalmic/Vascular	1	