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Human Patient Simulators

Name	Image	Description	Quantity
SimMan Essential (Laerdal)		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 3G (Laerdal)		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
SimPad Plus System	The state of the National Action of the State of the Stat	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?	SimPad System is an operating device for Laerdal manikins. This device allows instructors to deliver simulation-based training and learning objectives.	2
VitalSim Controller (Laerdal)	Vical Sirry S.	VitalSim is a programmable scenario-based controller connecting manikins and skilled trainers to simulated ECGs, heart sounds, fetal heart tones, breath sounds, bowel sounds, blood pressure, and pulses.	2

Surgical Simulators

Name	Image	Description	Quantity
Lap Mentor (Surgical Science / Simbionix Products)		The LAP Mentor simulator provides the widest array of hands-on laparoscopic training available across multiple disciplines.	1
GI Mentor/ Bronch Mentor (Surgical Science / Simbionix Products)		The GI-Bronch Mentor platform offers a combined system for training 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. In addition, the original Colonoscope and Duodenoscope have been customized to provide realistic simulation, including tactile sensations and various endoscopic tools.	1

HystSim (Surgical Science / Simbionix Products)	The HystSim provides a complete Women's Health Training Curriculum, including robotic surgery, laparoscopy, ultrasound, pelvic exams, and diagnostic and therapeutic hysteroscopy.	1
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 Extracorporial Suturing Intracorporeal Suturing	10
Arthro Sim (Simbionix)	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.	1

FLS Monitors		The LED FLS monitors provide specific visualization for training with a camera and FLS box.	14
Laparoscopic Graspers		Laparoscopic Graspers are training instruments used for grasping, practicing, FLS testing, and other surgical procedures.	9
Laparoscopic Needle Drivers		Laparoscopic needle drivers are training instruments used for grasping, holding, practicing, FLS testing, and surgical procedures	11
Laparoscopic Scissors		Laparoscopic scissors are training instruments used for cutting, practicing, and testing for FLS and surgical courses	33
Maryland Dissectors	SURPLEAS	Maryland dissectors are training instruments used for blunt dissecting, practicing, and testing for the FLS and surgical procedures.	6

Insufflated Hard	The Belly simulates an insufflated abdominal cavity. Allows the user to use	3
Belly	their own scope and monitor to create a more realistic environment and has 13 ports.	

Task Trainer – Airway Management and Resuscitation

Name	Image	Description	Quantity
Airway Management Trainer (Laerdal)		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.	7
TraumaMan		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, four anatomically correct surgical zones, and an ankle base for IV Cutdown.	2
SAM Student Auscultation Manikin (Cardionic)	SAM	SAM is used to teach the desired cardiac, lung, bowel, or bruit sounds.	4

Simscope	The Simscope is used to auscultate Standardized Patients and manikins for	13
	simulation-based procedures.	
Ventriloscope	The Ventriloscope is used to operate as a standard stethoscope and to obtain live patient sounds	4

Task Trainer – Vascular Access and Injection

Name	Image	Description	Quantity
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
Advanced Venipuncture Arm (Laerdal)		Training manikin for learners to practice phlebotomy.	9
Lumbar Puncture Manikin		Manikin provides a safe and realistic avenue for learners to learn how to position hold and insert during lumbar procedures.	5

	 Simulation Core Resources Catalog	
Midscapular Thoracentesis	Blue Phantom's mid-scapular thoracentesis ultrasound training model is designed for ultrasound-guided thoracentesis procedures. This ultrasound training phantom aids users in developing and practicing the skills associated with a mid-scapulary approach to ultrasound guided thoracentesis procedures.	1
Ultrasound Thoracentesis Model (Simulab)	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
Thoracentesis and Thoracotomy	Blue Phantom's ultrasound-guided thoracentesis and chest tube thoracostomy training model allows users to develop and practice the skills necessary to use ultrasound to identify and guide needle and catheter insertions in the patient with pleural effusions.	1
Elbow for Joint Injection	The model is used to practice soft tissue joint injection and treat injuries, arthritis, and Golfer and Tennis elbow.	1

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

Shoulder for Joint Injection	The Palpation guided Shoulder Injection Trainer offers an ideal way to learn and effectively teach the skills needed for injections in the four most common shoulder sites. 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.	1
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 standard 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 train how to insert central lines properly.	5

	Simulation Core Resources Catalog	
Upper Central Line Trainers	This task trainer allows learners to train how to insert central lines properly.	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
Paracentesis Trainer	This compatible ultrasound trainer allows students to perform diagnostic and 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

		Simulation core resources eatalog	
Laparotomy Model	s. Milli	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
Venipuncture Tissue Pad Trainer	III.	Our ultrasound-compatible Venipuncture Pads are perfect for practicing venipuncture, nerve identification, or peripheral catheterization on varying-sized veins filled with red fluid.	1

Task Trainers – Trauma

Name	Image	Description	Quantity
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, four anatomically correct surgical zones, and 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
Mr. Hurt Head		Mr. Hurt Head Trauma Simulator presents students with a variety of trauma conditions. This simulator comes mounted to a base but can be easily transferred to adult manikins for use in full-body trauma scenarios. Trauma Simulator presents students with a variety of trauma conditions: Palpable fractures Open depressed skull fracture Le Fort I & III Nasal fracture Mandibular fracture (left) Fracture of the C-6 vertebra Unequal pupils Hemotympanum	1

Stop the Bleed		Provides a platform for learning hemorrhage control/wound packing techniques.	2
(Z-Medica)			
Megacode Kelly		Designed for learners to train for trauma, CPR, NBC, first aid, and other learning	3
Full Body Manikin (Laerdal)		components.	
Abdominal Aortic		An aneurysm repair model incorporating aortic,	1
Aneurysm (AAA)		common iliac and internal iliac aneurysms	
Repair Trainer	CEL 3	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	

Ethicon Knot-tying Boards	ETHICO	Knot-tying boards provide excellent practice for hands eye coordination for suturing and knot-tying skills.	80
Suture Pads		Suture Pad designed to mimic the first six abdominal wall layers. The layers replicate the Epidermis, Dermis, Subcutaneous, first Fascia layer, Muscle, and second Fascia layer.	Square-29 Rectangle- 105
DAISE		DASIE Surgical Training Tools are used for medical training without the use of non-animal models.	8

Task Trainers – Men's Health

Name	Image	Description	Quantity
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 colonoscopy trainees, from uncomplicated and straightforward cases to complex and sensitive variations. It provides the necessary training to avoid patient pain and discomfort during an examination.	1
Male Pelvic Trainer (Limbs and Things)		Designed to help students learn and practice various men's health clinical procedures.	4
Male Pelvic Trainer Accessories		Designed to help students learn and practice various men's health clinical procedures.	4

Multipurpose Male Care Task Trainer (Gaumard Advanced ZACK)



Simulation core resources eatarog	
Designed to help students learn and practice various men's health clinical	4
procedures.	

Task Trainer – Women's Health and OBGYN

Name	Image	Description	Quantity
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
Gaumard Surgical Chloe		Surgical Chloe™ allows participants to practice and hone GYN surgical procedures such as dermoid cyst and ectopic pregnancy removal, hysterectomy, and more using real instruments in an actual surgical OR.	1
Birthing Equipment		This birthing simulator is suited for all learners.	3

Female Pelvic		The female pelvis's anatomically accurate and tactile representation is a platform	8
Trainer		for hands-on examination for all learners.	
Female Pelvic with 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 and diagnosis of female conditions and minor pathologies. It is used for many levels of training from undergraduate onwards and in family health.	1
Female Pelvic Trainer Accessories		The female pelvis's anatomically accurate and tactile representation is an excellent platform for hands-on examination for all learners.	7
Breast Simulator Gaumard Scientific		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		Breast Examination Trainer provides faculty a realistic platform to train learners	8
Examination Trainer	The same of the sa	on delicate skills during breast exams.	
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.	1
Femoro-Peroneal Anastomosis and Femoral Popliteal Bypass Trainer		This trainer is used to practice how to treat blocked femoral arteries. 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 within 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	1
(Simulab)	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.	

Task Trainer – Cardiac and Pulmonary

Name	Image	Description	Quantity
Chamberline Heart Model		Heart Case provides surgical learners with a platform for deliberate practice in 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	1
Adult Half Body CPR Manikins (Laerdal)		An enhanced CPR trainer for learners to train on for First Aid and CPR training.	12
Baby CPR Manikin		An enhanced CPR trainer for learners to train for infants who may need First Aid and CPR training.	13

Child Half Body CPR		An enhanced pediatric CPR trainer First Aid and CPR.	2
HeartSim 200 rhythm generator	BCM EMSIM Section Sec	This ECG rhythm simulator provides basic, modified, and pediatric rhythms with variable pulse rates and strengths.	4

		Simulation Core Resources Catalog	
HeartStart AED	1 Lacodal Anti-Transper 2 Miss State 1 Anti-T	This HeartStart AED provides on-demand voice instructions on responding during a cardiac arrest scenario.	9
Blood Pressure Trainer		This lifelike training arm is perfect for students to train on properly taking a patient's blood pressure.	1
LifePak		Mobile Heart monitor and defibrillator with capnography, external pacing, 12-lead electrocardiography, and other monitoring functions.	4

Task Trainer – Eyes and Ears

Name	Image	Description	Quantity
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
Trainer OphthoSim	Philosing Control of the Control of	This trainer is used by learners to visualize how to conduct proper eye exams on patients.	1

Oto Sim		OtoSim 2 [™] is the ultimate otoscopy simulation trainer built for teaching and testing otoscopy skills.	4
	The state of the s		

Operating Room Equipment

Name	Image	Description	Quantity
Olympus Endoscopy System		This machine provides a live image from inside the operating area.	1
Laparoscopic Tower		This machine provides a live image from inside the operating area.	2 Stryker/ 2 Storz
Vet Anesthesia Machine	A contract to the contract to	An anesthesia machine used to prepare and sedate a patient using a gas mixture.	4
Anesthesia Workstation		The workstation monitors breathing rates and ensures there are no leaks within the anesthesia machine.	4

		Simulation Core Resources Catalog	
Vital Monitor	72 120 120 120 120 120 120 120 120 120 12	A Vital monitor is a valuable tool that helps provide body temperature, pulse rate, blood pressure, and other signs during operations.	4
Erbe Vio 300 D	SINCE VETERINARY	Electrosurgical System used during endoscopic procedures.	2
Water Pumps	strykor	The Water Pump system provides a safe and effective warming and cooling therapy to the water blanket.	5
Bed blankets	Large	Forced-air warming, water-circulating mattress pads, heating pads, and heat-reflective blankets.	6

IV Fluid Warmer	- OF ANALYS - OF A	A fluid warmer is an ultra-compact and lightweight heater for all IV fluids. It helps decrease the temperature difference between the animal and the IV liquid.	3
IV warmers	The state of the s	A fluid warmer is an ultra-compact and lightweight heater for all IV fluids. It helps decrease the temperature difference between the animal and the IV liquid.	4
Bair Huggers	Bair Hugger Six harmon baragan	The Bair Hugger system is a convective temperature management system used in our ORs to maintain a patient's core body temperature.	4

Microsurgery		A compact optical microscope provides surgeons with a high-quality	1
Microscope		magnified image of small surgical areas.	
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Microscope		magnified image of small surgical areas.	
Microsurgery	A	A compact optical microscope provides surgeons with a high-quality	1
Microscope		magnified image of small surgical areas.	

		Simulation Core Resources Catalog	1
Micro SX Anesthesia Unit		An anesthesia machine is used to prepare and sedate a patient using a gas mixture.	1
Electrosurgical Unit		Electrosurgical System used during endoscopic procedures.	5
Surgivet Monitor w/stand		The Vital monitor is a valuable tool that helps provide body temperature, pulse rate, blood pressure, and other signs during operations.	2
Dre Monitor w/stand	110	The Vital monitor is a valuable tool that helps provide body temperature, pulse rate, blood pressure, and other signs during operations.	2

Emergency		Emergency Medicine Crash Cart. This cart is filled with all the necessary	2
Medicine Crash		medication and equipment for a life support scenario during the learner's	
Cart		simulation case.	
	2 0		

Ultrasound Equipment

Name	Image	Description	Quantity
Edge Ultrasound		This multi-purpose ultrasound is perfect for all medical imaging needs.	2
SonoSite X-Porte Ultrasound		Large ultrasound monitor with 81 instructional video tutorials.	1
IVIZ Ultrasound		This handheld ultrasound machine is excellent for learners to train to improve their imaging skills.	6
Transducer 15 CM		Compatible with the Edge and SonoSite Ultrasounds. For Abdominal/Gynecology/Musculoskeletal/Nerve.	2
Transducer 6CM		Compatible with the Edge and SonoSite Ultrasounds. For CIMT/Musculoskeletal/Nerve/Small Parts/Vascular/Venous.	2

Transducer 32 CM	Compatible with the Edge and SonoSite Ultrasounds. Used For: Lung/Breast/Musculoskeletal/Ophthalmic/Vascular.	1
Transducer 9 CM	Compatible with the Edge and SonoSite Ultrasounds. Used For: Abdominal/Cardiology/Lung/Obstetrics.	1