CENTRAL LINE TRAINER

SKILLS:

• Central Vascular Catheterization, using Subclavian, Supraclavicular, and Internal Jugular approaches
• Using ultrasound guidance during catheter placement
• Differentiates arterial and venous blood to show positive or negative results
• Arterial pulse and proper landmarks are present to help avoid and detect errors

Quantity Available: 2
CENTRAL LINE TRAINER

Blue Phantom Model

- Venous anatomy includes: internal jugular vein (IJ), brachiocephalic vein, subclavian vein and axillary vein
- Arterial anatomy includes: carotid artery, subclavian artery and axillary artery
- Simulated superior vena cava, right atrium and right ventricle offers users the ability to fully thread guide wires and catheters without resistance
- Additional internal landmarks include the trachea, manubrium and clavicle
- Veins are compressible using mild pressure while the arteries remain uncompressed
- Arterial pulsations are simulated using a provided hand bulb.

Quantity available: 1
PICC IV & ARTERIAL LINE VASCULAR ACCESS ULTRASOUND TRAINER
SPECIFICALLY DESIGNED TO TRAIN ULTRASOUND GUIDED PICC PLACEMENT, ULTRASOUND GUIDED IV PLACEMENT AND ULTRASOUND GUIDED ARTERIAL LINE PLACEMENT

• Verify correct catheter placement with ultrasound or X-ray
• Made with Blue Phantom’s ultra-durable SimulexUS™ tissue which is self-healing to prevent leaks and able to last over 1,000 needle cannulations

Quantity available: 2

• Designed to match the acoustic properties of human tissue; will work with any ultrasound system
• Pulsating arteries via included hand-bulb

Vascular Anatomy Includes:
• Cephalic Vein
• Radial Vein
• Basilic Vein
• Ulnar Vein
• Medial Cubital Vein
• Brachial Artery
• Radial Artery
• Ulnar Artery
• Superior Vena Cava & Subclavian Vein (To verify catheter placement)
THORACENTESIS AND THORACOSTOMY ULTRASOUND MODEL

- Allows users to develop skills and gain proficiency using ultrasound to identify and guide needle and catheter insertions in a patient with pleural effusions. The unit also is designed to allow users to learn and perform chest tube thoracostomy utilizing non-ultrasoundable chest portals.

- Designed for insertion of 18-21 gauge needles
- Works with any ultrasound machine
- Anatomically accurate featuring fat, ribs and pleural linings

Quantity Available: 1
C.U.T. CRIC TRAINER

- Provides simple and affordable training for accessing airway via the neck
- Anatomically accurate (chin, cricothyroid notch, cricothyroid membrane opening)
- Modified to include ability to actively bleed
- Can also be used in Nursing Trach Care Education
  - Dressing Change
  - Suction
  - Cuff Adjustment
  - Site Skin Care
- Light weight & portable

Quantity available: 2
CRIC TRAINER

Customized skin tones available

- Comes complete with human head for realistic look & feel
- Can be used for both needle and surgical cricothyrotomy skills
- Comes with Rigid and Soft tracheas
  - Both tracheas come with attached lung for real-time feedback
- Mounted on base

Quantity Available: 2
SHOULDER INJECTION TRAINER

- Ultrasoundable
- Inject and aspirate 4 most commonly treated sites:
  - Glenohumeral Joint
  - Subacromial Space
  - Acromioclavicular Joint
  - Biceptal Groove
- Allows for identification of anatomical landmarks
- Includes muscle and bone to represent joint
- View Suprascapular Nerve under ultrasound

Quantity available: 1
KNEE INJECTION TRAINER

Anatomically Accurate
Adult Knee Model

Ultrasoundable

Can inject into joint cavity or aspirate synovial fluid from both lateral & medial aspects
FOLEY CATH TRAINER V-II

Product Anatomy:
Female Anatomy: partable labia with realistic urethral meatus and vaginal opening

Male Anatomy: realistic meatus, flaccid penis and replaceable foreskin

Skills:
• Correct handling of male and female anatomy
• Aseptic catheterization technique
• Catheter placement: accepts catheters from 14-16 French (male) and 12-16 French (female)

• Fluid management
• Withdrawal of catheter
• Intermittent self-catheterization (ISC) when used with the optional Self-Catheterization Stand
• Suprapubic catheter insertion and catheter

Quantity Available: 1
Product Anatomy:

- Male Anatomy: realistic meatus, flaccid penis, foreskin and adjustable prostate
- Female Anatomy: part-able labia with realistic urethral meatus and vaginal opening

Skills:

- Correct handling of male and female anatomy
- Aseptic catheterization technique
- Catheter placement: accepts catheters from 14-16 French (male) and 12-16 French (female)
- Fluid management
- Withdrawal of catheter
- Intermittent self-catheterization (ISC) when used with the optional Self-Catheterization Stand
- Suprapubic catheter insertion and catheter

Quantity Available: 3 Male | 3 Female
ARTERIAL LINE TRAINER

Facilitates practice of radial artery puncture for blood collection and artery catheterization.

- Arterial pulse is palpable
- Soft tissue and artery wall provide realistic needle resistance
- Speed of pulse is variable
- Flashback can be observed
- Puncture sites not visible after use
ULTRASOUND ARTERIALINE & ABG TRAINER

• Ability to train Ultrasound-guided radial artery catheterization and perform ABG sampling

• Features
  • Perform U/S or blind techniques
  • Palpable artery at the wrist and descends as it travels to elbow
  • Distinct pop of artery wall
  • Flash of simulated fluid
TRAUMA MAN

- Cricothyroidotomy
- Chest Tube Insertion
- Pericardiocentesis 18g
- Needle Decompression
- Percutaneous Tracheostomy
- Diagnostic Peritoneal Lavage
- Suturing and Incisions

Anatomically correct human body

INCLUDES:

Human Torso

Four anatomically correct surgical zones

Separate Cric Training Unit

Customized skins need to be ordered with or without blood

Quantity Available: 1
Mama gives birth to NeoNatalie a highly realistic newborn simulator. Has a real size appearance and natural weight, feel and touch.
MAMA NATALIE BIRTHING SIMULATOR

WORN BY AN END USER, WHO MANUALLY CONTROLS:

- FETAL HEART SOUNDS
- BABY POSITIONS IN BIRTH CANAL
- DELIVERY OF PLACENTA (COMPLETE OR PARTIAL)
- UTERINE FIRMNESS
- RATE AND VOLUME OF BLOOD LOSS

Postpartum hemorrhage and communication training

MamaNatalie gives birth to eoNatalie™ newborn simulator

- NeoNatalie facilitates effective learning of standard newborn resuscitation measures. It has realistic size and appearance, and also natural weight, feel and touch when filled with lukewarm water.
MAMABREAST BREASTFEEDING TRAINER

FEATURES:

• Wearable simulator that allows realistic simulation of breastfeeding and breastmilk expression.

• Supports proper breastfeeding positioning and attachment

• Supports breastmilk expression

Quantity Available: 1
Features

• Anatomically correct two week old infant with flexible body form
• Ultrasound compatible
• Visible and palpable landmarks include umbilicus, gluteal fold, iliac crest and vertebrae
• Insertion sites include L3-L4 and L4-L5
• Can be positioned then flexed in the lateral decubitus or sitting position
• Accurate needle placement allows for positive response and collection of simulated cerebrospinal fluid (CSF)

Skill:

• Use of the lateral decubitus and sitting positions for pediatric lumbar puncture
• Palpate external landmarks

Quantity Available: 2
LUMBAR PUNCTURE ADULT

Skill:
• Practice lumbar puncture
• Practice the epidural procedure
• Using ultrasound during procedures

Features
• Anatomically correct
• Ultrasound compatible
• Simulator can be positioned on its side or upright
• Accurate needle placement allows for positive response and collection of simulated cerebrospinal fluid (CSF)
VENIPUNCTURE TRAINER

Procedure: Venipuncture

The Advanced Venipuncture Arm features a closed blood flow system rather than the Bag and Stand supply that comes with the Standard model. It allows easy adjustment of the pressure.

The Advanced arm also has a greater number of vein types.

Skills Gained:
- Phlebotomy
- IV Cannulation
- IV Infusion
- Professional-to-patient communication

Product Anatomy:
- Soft, flexible skin
- Underlying palpable veins: cephalic, basilic, dorsal metacarpal and median cubital
PEDIATRIC VENIPUNCTURE TRAINER

Skills:
• Venipuncture
• IV Cannulation
• IV Infusion
• Professional-to-patient communication

Product Anatomy:
• Soft, flexible skin
• Venous access via: Median, Basilic and Cephalic Veins
IV HAND TRAINER

Procedure: IV Insertion
Realistic Right Hand

Skills Gained:
• Venipuncture
• IV Cannulation
• IV Infusion
• Professional-to-patient communication

Product Anatomy:
• Right hand vascular anatomy
• Lifelike vein roll-over

Quantity available: 1
IO TRAINER

Skills:
• Identify landmarks
• Insertion/placement 15 gauge IO needle

Product Anatomy:
• Palpable landmarks
  • Patella
  • Tibia
  • Tibial Tuberosity
• Lifelike skin

Quantity Available: 1
ADULT AIRWAY TRAINER V-I

Product features:

- Practicing of oral and nasal intubation using all varieties of intubation devices (Laryngoscope, Glidescope, KingVision, etc)
- Practicing use of LMA (Laryngeal Mask Airway) and Combitube®
- Realistic anatomical features allow demonstration of Sellick Maneuver and laryngospasm
- Bag-Valve-Mask ventilation can be practiced
- Stomach inflation and vomiting situation can be simulated

Quantity Available: 4
ADULT AIRWAY TRAINER V-II

Product features:

- Anatomically correct internal features
- Detail down to fourth generation bronchi
- Inflatable tongue for tongue edema scenario
- Optional difficult airways

Perform various procedures

- Diagnostic bronchoscopy
- Direct laryngoscopy
- Endotracheal and nasotracheal intubation
- Full range supraglottic airway device insertion
  - Combitube
  - BVM ventilation

Quantity Available: 1
INFANT OR NEONATAL AIRWAY TRAINER

FEATURES (Neonatal):
• Allows teaching of intubation skills on newborn
  • Realistic anatomy
  • Oral and nasal intubation
  • BVM ventilation

FEATURES (Infant):
• Allows teaching of intubation skills on 3 month old
  • Realistic anatomy
  • Oral and nasal intubation
  • BVM ventilation
  • Insertion of LMA

Quantity Available: 2 Infant; | 1 Neonatal
NG TUBE AND TRACH TRAINER

- Anatomical Landmarks
  - Trachea
  - Esophagus
- Lungs & Stomach can be filled with fluid for realistic procedural practices:
  - Trach care including suctioning
  - NG Insertion & removal
  - NG irrigation, installation and monitoring
  - Feeding tube insertion & removal
  - Gastric lavage & gavage
  - Insertion, securing and care of endotracheal tubes

Quantity Available: 2
Develop total competence with the three most common types of long-term vascular access routes with one simple, portable training aid.

**CHESTER CHEST™**

**External Central Catheter**
- Pre-positioned, surgically placed in the right chest
- Subcutaneous tunnel is visible up to and just over the clavicle
- Distinguishable Dacron® cuff
- Distal catheter end is pre-attached to the blood reservoir bag

**Implanted Vascular Access Device**
- Three difficult accessing inserts placed either under or over the port to simulate palpating and accessing a port with one of the following types of placements: normal, “tipping”, “wandering”, or “deeply placed”

**Peripheral Placed Central Catheter**
- Located in the rotated, extended right arm
- Dual lumen 5FR PICC exits the slightly raised, basilic vein on the right inner biceps
- Pre-positioned 20G IV catheter in the right forearm
- Complete blood draws, heparinization, and fluid infusion while attached or unattached to the torso
- Subclavian, Triple lumen, and Jugular catheter

Quantity Available: 2
INTRAMUSCULAR INJECTION SIMULATOR

Designed to provide learners with visual and tactile experience needed to perform intramuscular injections.

Simulator contains landmarks that can be palpated so various techniques can be practiced.

Specific techniques include:
- Gluteus Medius Injections
- Ventrogluteal Injections
- Vastus Lateralis Injections

Quantity Available: 1

Injection Simulator contains life-like structures including:
- Bony structures
- Muscles
- Fat
Life/Form Diagnostic and Procedural Ear Trainer

Master skills needed to examine the human ear utilizing visual cues. Correctly diagnose common diseases, clean the ear canal, remove foreign bodies and perform a myringotomy with tube insertion.

Left and Right ears available & Middle ear can be filled with various fluids.

Includes 9 diagnostic cartridges with full-color photo prints illustrating:

- Normal tympanic membrane
- Mucoid otitis media
- Serious otitis media with air-fluid level
- Chronic otitis media w/ small and large tympanic membrane perforations
- Two views of attic cholesteatoma
- Atelectactic middle ear otitis
- Tympanic sclerosis

Quantity Available: 1
STUMP TRAINER

Can be used to evaluate standard bandaging procedures and/or to demonstrate attachment of prosthetics. Represents patient in a supine position with slightly abducted leg positions.

NOTE: No palpable skeletal material

Product features:
- Limb amputated above knee
- Limb amputated below knee
- Can be bandaged around the body over uninvolved hip at iliac crest level
OSTOMY CARE TRAINER V-II

Helps introduce essentials of ostomy care for learners. Skins and stomas give learners realistic sensation.

Skills:

- Fitting, cleaning, changing of pouching system
- Dilation of stomas
- Irrigation of stomas
- Differences between double barrel stomas, healthy, prolapsed, double barrel, necrotic stomas

Quantity Available: 2
OSTOMY CARE TRAINER V-1

Helps introduce essentials of ostomy care for learners. Skins and stomas give learners realistic sensation

Skills Gained:

- Fitting, cleaning, changing of pouching system
- Dilation of stomas
- Irrigation of stomas
- Differences between double barrel stomas, healthy, prolapsed, double barrel, necrotic stomas

Quantity available: 2
WOUND TRAINER V. IV

Molded from a 74-year-old patient, looks and feels life like. Displays Stage I, II, III wounds with exposed bone, tunneling, sub cutaneous fat, eschar and slough.

Skills Gained:
- Staging and Assessment
- Bridging
- Vac application
- Dressing
- Measurement of wounds

Quantity Available: 1
WOUND TRAINER V.II

Molded from a 74-year-old patient, looks and feels life like. Displays Stage I, II, III wounds with undermining, tunneling, subcutaneous fat, and slough.

Stage IV with exposed bones, undermining, tunneling, subcutaneous fat, eschar, and slough. Negative pressure wound therapy devices can be demonstrated and practiced.

Skills:
- Staging and Assessment
- Bridging
- Vac application
- Dressing
- Measurement of wounds
Stage IV with exposed bones, undermining, tunneling, subcutaneous fat, eschar, and slough. Negative pressure wound therapy devices can be demonstrated and practiced.

**Skills Gained:**

- Staging and Assessment
- Bridging
- Vac application
- Dressing
- Measurement of wounds
Stage 3 Pressure Injury with subcutaneous fat, slough, granulation tissue, undermining and tunneling

FEATURES: Pressure injury with slough

SKILLS:
- Wound Cleansing
- Classification
- Staging and Assessment
- Dressing

- Measurement of wound length, depth, undermining and tunneling

Customized Per Order
Mimicking the foot of an elderly patient, this Task Trainer can be used to assess, care and clean various staged ulcers.

Skills:

• Staging and Assessment
• Dressing
• Measurement of wounds

Quantity available: 1
ULCER LEG & FOOT TRAINER

TASK TRAINER CAN BE USED TO ASSESS, CARE & CLEAN VARIOUS STAGED ULCERS.

Skills Gained:

• Staging & Assessment
• Dressing
• Measurement of wounds

Quantity Available: 1
The model is divided into three layers—skin, subcutis and muscle.

**Skills Gained:**
- Proper injection
- Needle safety

INJECTION PADS

Multi-layered silicone pad used to practice intradermal, subcutaneous, and intramuscular injections.

Can hold up to 60mL of fluid without losing shape. Fluid can also be withdrawn to promote multiple use.

Quantity Available: 1
SUTURING SKILLS

Skills Gained:

- Making an incision
- Application of skin adhesives
- Interrupted suturing and knotting

An excellent single layer starter pad for demonstrating, training and practicing core skills associated with wound closure.

Quantity: Customized Order
SUTURING SKILLS

An excellent single layer starter pad for demonstrating, training and practicing core skills associated with wound closure.

Skills Gained:

- Interrupted suturing and knotting
- Stapling
VENIPUNCTURE PADS

Provides realistic practice of IV technique. Extremely lifelike, gives learner feel of a rolling vein. Veins vary in thickness, double-sided use for different difficulty levels.

Skills:

• Needle Safety
• Needle placement
• Proper IV technique

Quantity Available: customized order
This option allows users to use their meter, and get a reading with the control solution being the “blood” in the simulated finger. It is also the source of the blood glucose levels.

Optional Fill Kit:

The fill kit includes 8mL of simulated blood and a 5mL syringe with 23G industrial needle.

Quantity Available: customized order - 3 fingers (light or dark tones)
PORT ACCESSING / DE-ACCESSING

Teaching Tool for:
- Competency testing
- Skills assessment
- Fluid infusion
- "Blood" withdrawal
- Dressing securement techniques

Makes it possible to simulate accessing the following IVAD placements: "normal", "tipping", "wandering" or deeply placed.

Successful access is confirmed by a "blood" return. Fluid can be infused and "blood" withdrawn.

Quantity Available: Customized Order
NASCO KERI MANIKIN


Visual Inspection:
  Mole-Normal & Cancerous Stage 1 Sacral Ulcer Dilated & constricted pupils Reddened Skin Folds

With male or female interchangeable genitals, this manikin allows for general physical exam skill reinforcement, patient movement and skin breakdown prevention, bed bound care techniques and ostomy care and placement training.

Ostomy Care:
  Ileostomy & Colostomy Tissue Maintenance & Appliance Application, Lavage, & Suctioning Tracheostomy Care, Lavage & Suctioning Gastrostomy Procedures, Lavage & Gavage

Specialty Care:
  Enema Administration, Female Only Urinary Catheterization, Female & Uncircumcised Male Pap Smears and Douching Prostate Exam, Stage B Nasogastric Tube Placement
SAM offers largest library of physiological sounds & teaching tools

Large list of Heart, Lung, Bowel, Bruit and Combo Sounds
QCPR MANIKIN AND CPR METER

- Supports using feedback during CPR training
- Real-time feedback enhances performance both during training & debriefing after.

Measures:
- Compression rate and depth
- Complete release

Quantity: 3 torso
1 Adult & 1 Baby

Appropriate ventilation and volume
Results are logged and stored for comparison and tracking of CPR competence development over time
SIMMAN3G

Advanced patient simulator that can display neurological symptoms as well as physiological

- Life-like Heart, Lung and Bowel Sounds
- Intubation-ready
  - Can increase difficulty of intubation with trismus, stiff neck, laryngospasm, swollen tongue
- Carotid, Brachial, Radial, Femoral and Pedal pulses
- Electrical Cardiac Therapy
  - Pacing
  - Cardioversion
  - Defibrillation

An Ultrasound Solution, embedded to the skin, can help improve point-of-care diagnostics for focused assessment with sonography for trauma care (FAST), rapid ultrasound for critical care and cardiac resuscitation training.

Quantity Available: 2
6 year old boy that simulates a wide range of conditions

- Intubation-ready with difficult airway features including trismus, stiff neck, laryngospasm and swollen tongue
- Heart, Lung & Bowel sounds
- Electrical cardiac therapy
  - pacing
  - cardioversion
  - defibrillation

Quantity available: 1
SIMMOM: LIFELIKE BIRTHING SIMULATOR

- Baby available
- Normal (Manual) or Automatic (Pneumatic) delivery methods
- Vacuum and Forceps assistance is possible
- Birthing scenarios available:
  - Shoulder Dystocia
  - Cord Prolapse
  - Post-Partum Hemorrhage

Quantity available: 1
Full-term 50th percentile newborn female (21in, 7lbs)

- Tethered and Tether-less simulators available
- Intubation-ready
- Heart and Lung Sounds
- Life-like pulse in umbilicus
- Face glows blue to signify cyanosis

Quantity Available: 2 Infant | 1 Neonatal
SIM MAN ALS

Durable simulator that meets the training needs of pre and in-hospital providers

Quantity Available 3

FEATURES:

- Heart and Lung Sounds
- ECG interpretations
- Intubation-ready
- Defibrillation-ready with ShockLink Skin
First nursing simulator to cover all aspects of modern nursing education

- Heart, Lung and Bowel Sounds
- Pharmacology: Med admin via IV, CVP, NG, IM, Anal and Vaginal routes
- Realistic Care procedures including: NG Tubes, Gastric lavage, Gavage, Urinary Catheterization

Quantity Available: 1
REAL MOM BIRTHING SIMULATOR
World’s most lifelike birthing simulator.

Maternal/Fetal Physiology
- Dilation and delivery progression
- Contractions
- Heart rate and tones

Enhanced range of Deliveries
- Breech
- Shoulder Dystocia
- Cord Prolapse
- Forceps
- Vacuum Assist

Alternative Birthing Positions
- Upright
- Side-lying
- Other
MIMIC DV-TRAINER

The most comprehensive robotic surgical simulation system on the market.

Closely emulates the da Vinci Surgeon's Console - Master grips - Foot pedals

Licensed Intuitive Surgical technology related to DaVinci

Robot kinematics Instrument design & Vision display

Easily accessible outside of the OR

Will eventually be housed in Estes Building – 1st of the Network Sim Center

Quantity Available: 1
GI/BRONCH MENTOR SIMULATOR

Top of the line endoscopic medical simulator for training of gastrointestinal upper & lower endoscopic and Flexible Bronchoscopy procedures.

Simulator provides multiple training opportunities

True to life patient cases and clinical scenarios

Fundamental diagnostic procedures to advanced procedures - ERCP and EUS

User friendly mobile platform

The EXCLUSIVE platform offering SAGES FES test, mandatory for certification

Quantity Available: 1
The most technologically advanced 3D Anatomy visualization system for Anatomy & Physiology.

Table features photorealistic anatomy developed from real human cadavers

Immense content collection with unique anatomy visualizations
  Including origin and insertions - Vivid 3Dprosections
  Extensive and regional content
**SONOSITE SII ULTRASOUND MACHINE**

**Regional Anesthesia**
- Easily view nerves and vascular anatomy

**Vascular Access**
- Easily adjust the depth and gain to locate accessible vascular structures
- Use for PIV and CVC placement

**Trauma**
- Can be used for eFAST (P19 transducer)

**Cardiac Calculations**
- Ejection Fraction
- Volume Measurement
- Simpson’s Rule
- IVC Collapse Ratio
- LA/RA
- Volume
- TAPSE

*This item is available at Anderson ONLY*
2020 Freightliner M2 Customized Simulation Truck

Skills Station | Debrief / Conference Area

Two 42 inch Monitors for Vital Signs | Simulated Room

Control Room with Audio & Video Recording | Playback Capability

34’ SIMULATION TRUCK

Airway Management & Resuscitation Equipment

Cardiac Monitor

Defibrillator

Task Trainers

High Fidelity Simulator
KNEE AND SHOULDERS MODELS

- Used to practice injection and drainage of fluid in joints
- Promotes accurate needle placement for injection and drainage
- Accurate anatomical landmarks

**Quantity Available:**
- 2 Shoulders
- 2 Knees
Advanced Patient Catheterization, Ostomy and Enema Simulator is an advanced training tool useful to illustrate the following procedures:

- Female and Male Catheterization
- Ostomy Care
- Enema Procedures
- Cervical Examination
- Rectal Examination

Quantity available: 2
CATALOGUE FOR ST LUKE’S TO BE CONTINUED …