

# CLINICAL SKILLS LAB (NMC Guideline)



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Science, Engineering & Medicine

Think Tank and Consultants  
in Medical Clinical Skills Laboratories



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**400+**

Experience



**320+**

Clinical Labs



**3000+**

Customers



**250+**

Cities



**10000+**

Models



**10+**

Manufacturers





# Partial List of Skills Lab Set Up All India

02

Clinical Skills Lab

- CARE India Patna Bihar.
- Mahatma Gandhi Institute of Nursing science Wardha.
- Armed Forces Medical College Pune.
- Kamineni Institute of Medical Sciences Hyderabad.
- Kokilaben Dhirubhai Ambani Hospital Mumbai.
- Jawaharlal Medical College Belgaum.
- BLDE University Shri B M Patil Medical College Bijapur.
- Symbiosis Center For Healthcare Pune.
- Era 's Medical College Lucknow.
- Army school of Nursing Guwahati.
- Vinoba Bhave Hospital Silvasa.
- Sewarural Jhagadiya Gujarat.
- SDM Medical College Dharwar.
- D Y Patil Hospital and Medical Research Center Kolhapur.
- Apollo Hospital Bilaspur.
- Maniba Bhula institute of Nursing Science Bardoli.
- Krishna Institute of Nursing Sciences Karad.
- Government K.G Hospital for women and children Chennai.
- Fedearation of Obstetrics & Gynecological Societies (60 Medical colleges) of India (FOGSI).
- Everon Skills Development Chennai Tamil Nadu.
- State Family Welfare Bureau Directorate of Health Services (77 Civil Hospitals & ZP) Government of Maharashtra.
- AIIMS Patna
- KLE Medical College Belgaum
- Directorate of Health Services Odhisa.

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# SEM Understands

- The challenges involved in saving life in hospitals or disaster sites.
- Saving life begins with the right knowledge and appropriate training methods. Saving life begins with appropriate learning and training equipment's.
- The supreme importance of quality and excellence
- The prime importance of affordability to all.
- Combined excellence in quality, appropriate training equipment's & right affordability
- The best and most comprehensive range of appropriate training equipment's.
- Highest world class quality ISO-DIN 9001 Quality Certification Standard Worlddidac Quality Charter
- Lowest Costs - Factory to your door - delivery anywhere in India
- Highest medical safety, portability, durability, medical fidelity
- Certified by world renowned agencies to be “within limits for toxic and carcinogenic contaminations and emissions.”



# NMC Skills Lab Guidelines



## भारत का राजपत्र The Gazette of India

असाधारण  
EXTRAORDINARY  
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PART II — Section 1  
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PUBLISHED BY AUTHORITY

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No. 49] NEW DELHI, THURSDAY, AUGUST 8, 2019/SHRAVANA 17, 1941 (SAKA)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

### MINISTRY OF LAW AND JUSTICE (Legislative Department)

New Delhi, the 8th August, 2019/Shravana 17, 1941 (Saka)

The following Act of Parliament received the assent of the President on the 8th August, 2019, and is hereby published for general information:—

### THE NATIONAL MEDICAL COMMISSION ACT, 2019 No. 30 OF 2019

[8th August, 2019.]

An Act to provide for a medical education system that improves access to

80 THE GAZETTE OF INDIA : EXTRAORDINARY [PART III—SEC. 4]

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#### 9. SKILLS LABS

(i) Trainer simulators / models / mannequins for:

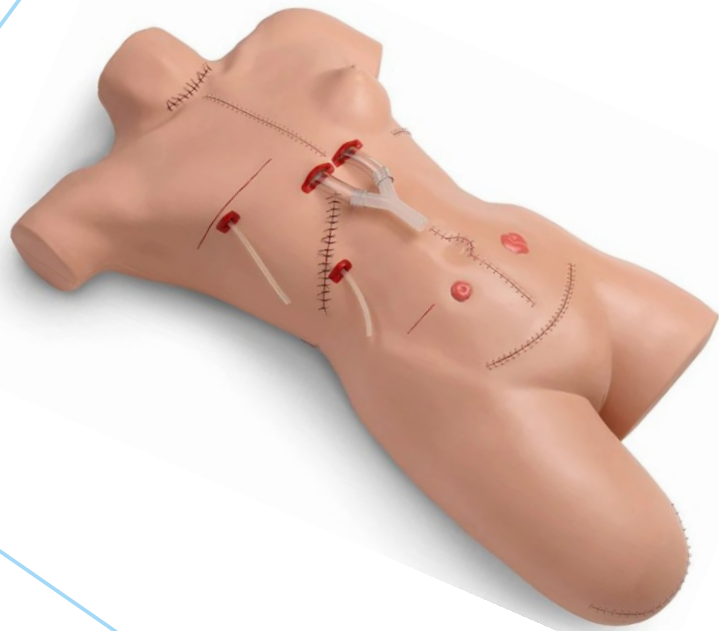
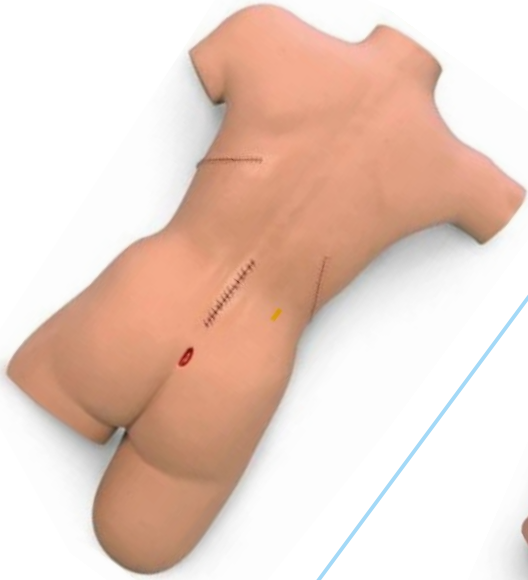
- First aid, Bandaging, splinting
- Basic Life Support (BLS), CPR (Cardio Pulmonary Resuscitation) mannequin
- Various types of injections- Subcutaneous, Intra-muscular, Intra-venous
- Urine Catheter insertion
- Skin & Fascia suturing
- Breast examination model /mannequin
- Gynecological examination model/mannequin including IUCD (Intra Uterine Contraceptive Device) Training model
- Obstetrics mannequins including Obstetric examination, conduct and management of vaginal delivery.
- Neonatal & Pediatric resuscitation mannequins
- Whole body mannequins
- Trauma mannequin

(ii) Each model (Low or High Fidelity) should have a module for training including objectives, methods and assessment. Modules can also have hybrid models where real patients or standardized/simulated patients/ computer simulations can be used.

(iii) There shall also be space for CAL lab with adequate computers.

## 1

# First aid, Bandaging, Splinting

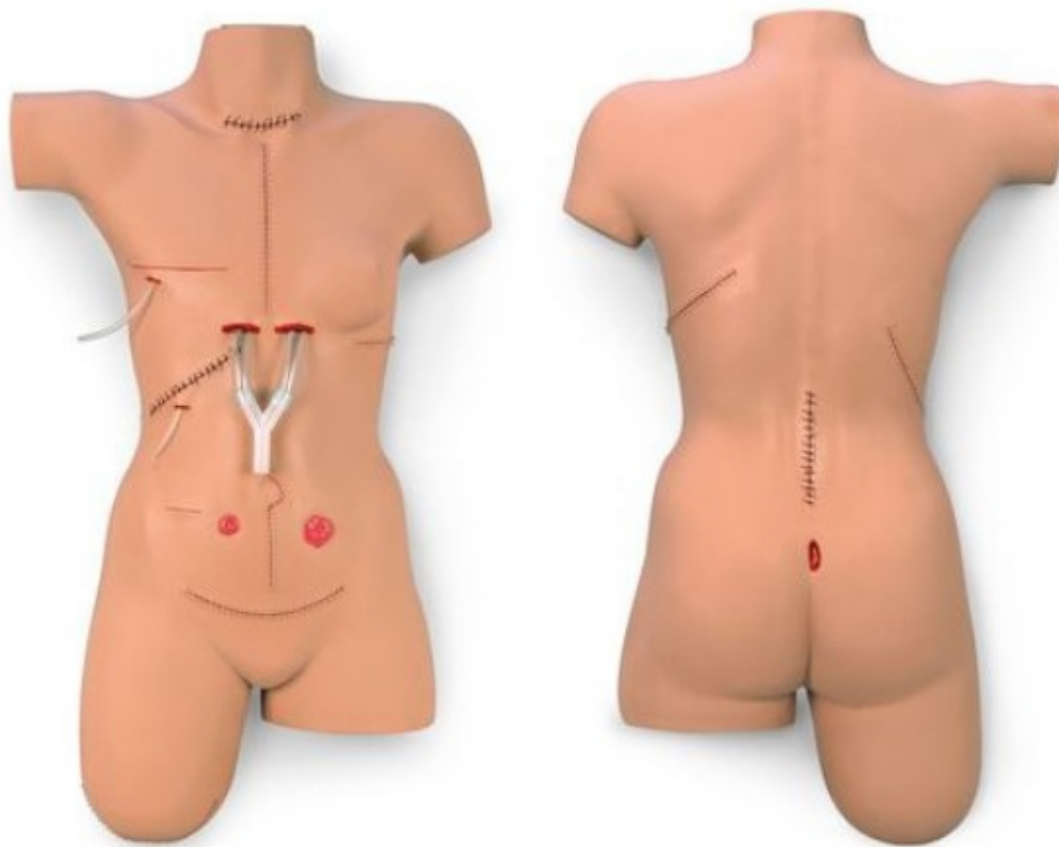






# “Surgical Sally” Bandaging Simulator

Model No. LF00929 Sh. wt. 26 lbs.



- Female “patient” with 14 surgical wounds including an abdominal hysterectomy, appendectomy, cholecystectomy with simulated T-tube, colostomy, ileostomy, laminectomy, laparotomy, leg amputation stump, mastectomy with simulated drain, mid-sternal split with simulated drains, nephrectomy, thoracotomy, thyroidectomy, and sacral decubitus ulcer — stage 2
- Conveniently practice wound management skills, dressing changes, and bandaging techniques
- Flexible, flesh-colored skin realistically responds to adhesives and all types of bandaging procedures
- Skin with realistic look and feel has been reformulated so it is drier, allowing the bandages to adhere better
- 29 in. L x 17 in. W x 8 in. D
- Includes hard carry case
- Staples and sutures cannot be removed
- 5-year warranty



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# First Aid Arm

Model No. LF01005 Sh. wt. 21 lbs.



- Make synthetic blood flow from the cut on the forearm, the severed thumb, or from both at the same time
- Regulate rate of bleeding and create venous or arterial flow
- Blood returns to collection tray for reuse
- Pressure points function realistically at wrist and upper arm
- Includes arm with wound, severed thumb, collection tray, arterial pulse bulb, venous supply bag, 1 quart Life/form® blood, instruction manual, and hard carry case
- Fluid supply stand not included
- 5-year warranty

Consumables & replacement parts	Model No.
<b>Venous Blood</b> Quart. Sh. wt. 0.38 lbs. Gallon. Sh. wt. 0.88 lbs.	<b>LF00845U</b> <b>LF00846U</b>
<b>Fluid Supply Stand</b> 5 in. x 8 in. base, 5/16 in. steel hooked rod Sh. wt. 4 lbs.	<b>LF01022U</b>
<b>Fluid Supply Bag</b> 500 ml Sh. wt. 0.38 lbs.	<b>LF01017U</b>





# Traction Splint Trainer

Model No. 101-031 Sh. wt. 33 lbs.



The Traction Splint Trainer can be set to correspond to an individual's body weight. This allows the instructor to determine if the student is correctly applying the rule of thumb that states "10% of the body weight traction results in adequate relief for, but no further damage, to the patient."

The Traction Splint Trainer can be adjusted for body weights ranging from 100 lbs. to 300 lbs. The electrical, push-button panel makes simplified selection easy. After applying traction, the deformity of the thigh recedes and splint can be applied, including any standard ankle hitch.

One year warranty.

## 2

# Basic Life Support (BLS) Cardio Pulmonary Resuscitation (CPR) Mannequin







# Prestan Adult CPR Training Manikin

Model No. : PP-AM-100M



Professional-quality manikin at a fraction of the cost! Comprehensive design allows for practice of Heimlich maneuver and abdominal thrusts, as well as CPR and mouth-to-mouth breathing. Realistic anatomical markings (Adam's apple, carotid arteries, navel, rib cage, chest notch) make it easy to learn correct hand placement for checking pulse, performing chest compressions, and more.

Prestan Professional CPR-AED Manikins are now approved for use by American Heart Association for the American Red Cross layperson and professional rescuer training courses.

Realistic to the eye and the touch, the Prestan Adult Professional Manikin is unlike any other on the market. Prestan manikins are uniquely designed as a clamshell and accommodates an easy-to-insert face shield/lung bag.

The Prestan manikins are equipped to be used with ANY AED trainer on the market today. The manikins come in three skin tones: Light, medium, and dark, and come with or without the CPR Monitor. They come individually, in a convenient four pack, or in a "Family Pack," consisting of an adult manikin, a child manikin, and an infant manikin.

Compression Clicker sound to give feedback and Compression Depth

**2019 AHA Compliant with CPR Rate Monitor:** Prestan's revolutionary new CPR Rate Monitor allows for instant feedback to both instructor and student regarding the rate of chest compression. This allows each student to gauge their rate of compressions on their own as well as allowing the instructor to monitor several students quickly and easily.

## Product Dimensions and Weight:

- Weight: 7 lbs.
- Dimensions: 7" x 14" x 23"

## Contents:

- Prestan Adult Manikin
- (OPTIONAL CPR Monitor)
- 10 Lung Bags
- Instruction Sheet
- 1 Nylon Carrying Case



- Red light: 1 to 59 compressions per minute
- Yellow light: 60 to fewer than 79 compressions per minute
- One green light: 80 to 99 compressions per minute
- Two green lights: 100 compressions per minute



# PRESTAN PROFESSIONAL ADULT SERIES 2000 MANIKIN

Model No. : PP-AM-2000-MS



The same high-quality, realistic Professional Adult Manikin is now available with Advanced Feedback including Rate, Depth, Recoil, Ventilation and Hands-Off Time via a Bluetooth® enabled PRESTAN CPR Feedback app available on both Apple and Android devices.

The same high-quality, realistic Professional Adult Manikin is now available with Advanced Feedback including Rate, Depth, Recoil, Ventilation and Hands-Off Time via a Bluetooth® enabled PRESTAN CPR Feedback app available on both Apple and Android devices.

Fully compliant with current industry guidelines, including the Heart and Stroke Foundation of Canada's February 2021 *Use of Feedback Devices in Resuscitation Training Courses Policy* and the most recent AHA Integrated Feedback Directive. Available in medium or dark skin tones, with CPR Feedback only and in Single or 4- Pack configurations.

The Prestan Professional Training Manikin series is unlike any other on the market. Uniquely designed for realistic experiences, they are available individually or in sets of four for group training. The manikins are designed to match the real-life CPR experience. In CPR training, a precise feedback indicator is vital. The Prestan's revolutionary CPR Rate Monitor provides instant feedback to both instructor and student on the correct compression depth. It enables each student to individually gauge their compression rate as well as allowing the instructor to monitor several students simultaneously. It is equipped with a unique Clicker Mechanism that gives an alert sound when the correct compression depth is reached. This helps ensure the students are using the correct force when administering CPR compression.

## ADDITIONAL DETAILS:

### The PRESTAN CPR Feedback App

Providing high-quality, real-time, advanced CPR feedback via a Bluetooth® connection with the PRESTAN Professional Adult Series 2000 Manikin. Advanced CPR feedback (includes rate, depth, recoil, ventilation, and hands-off time) is monitored, easily displayed, and available for reporting allowing students to self-monitor performance and gain confidence during CPR training.

The app allows instructors to provide comprehensive CPR training while monitoring CPR performance for up to six (6) students at a time. This app is also equipped with a reporting feature that allows for CPR training results to be downloaded directly from the app.



# Airway Larry" with CPR Metrix and iPad

Model No. : LF03996U Sh. wt. 78 lbs.



- Includes same electronic monitoring features as CPARLENE®
- Manikin simulates a nonanesthetized adult patient for practicing intubation, ventilation, suction, and CPR techniques
- Realistic anatomical landmarks
- Allows practice of oral, digital, and nasal intubation, as well as E.T., E.O.A., P.T.L., L.M.A., E.G.T.A., Combitube®, and King System insertion
- Suction techniques and proper cuff inflation may also be practiced and evaluated
- Jaw thrust
- Palpable landmarks for hand placement
- Pliable abdomen for obstructed airway procedure
- Realistic practice of the Sellick maneuver
- Manual carotid pulse
- Includes supplies, instruction manual, and hard carry case
- 5-year warranty (manikin)

Consumables & replacement parts	Model No.
<b>Set of Replacement Lungs</b> Sh. wt. 0.25 lbs.	LF03285U
<b>Replacement Stomach</b> Sh. wt. 0.19 lbs.	LF03628U
<b>Hard Carry Case</b> Sh. wt. 28 lbs.	LF03465U
<b>Pump Spray Lubricant</b> 8-oz. bottle. Sh. wt. 0.63 lbs.	LF03644U





## Prestan AED UltraTrainer™ Single Unit with English/French

Model No. : PP-AEDUT-102



The PRESTAN AED UltraTrainer is our most compact, lightweight AED trainer solution with full customization options to accommodate any classroom training situation. This AED trainer resembles a live training experience like no other on the market. For use with patented PRESTAN Pad Sensing System.

Programming can toggle between two languages and is easily upgradeable for any AHA guideline changes.



## Prestan Professional AED Trainer PLUS with English/Spanish Module

Model No. : PP-AEDT2-101



The PRESTAN Professional AED Trainer PLUS is a leading-edge AED Trainer that most closely resembles brand AED Trainers in size and weight for a realistic training experience. This AED trainer features customizable options to match various training environments, including a child button. For use with patented PRESTAN Pad Sensing System

Clear, confident voice prompts with optional CPR prompts to help the student keep pace with chest compressions.

Easy to replace module containing current CPR guidelines and two languages. Comes standard with English/Spanish language option.

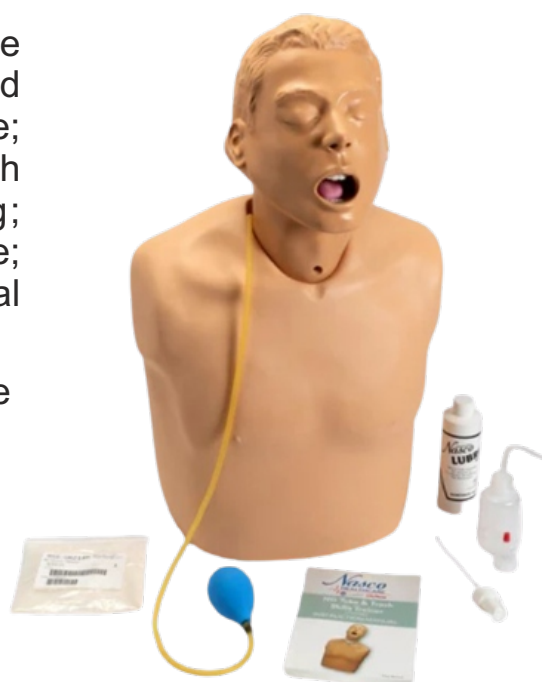
A remote is optional and available for instructors who prefer this feature. A single remote will control several AED Trainers within its range



# NG Tube & Trach Skills Simulator

Model No. : LF01174U Sh. wt. 24 lbs.

- Realistic landmarks, trachea, esophagus, lungs, and stomach
- Thickener can be mixed with water to simulate mucous-like fluids of a real patient
- Fluid can be added for realistic tracheostomy care and suctioning
- Allows for the practice of dressing changes and cuff inflation
- Realistic procedures include NG tube care, including insertion, irrigation, and removal; gastric lavage and gavage; feeding tube insertion and removal with the ability to practice feeding; nasoenteric and esophageal tube care; oropharyngeal and nasopharyngeal care; and tracheostomy tube care
- Intubation using a laryngoscope blade and size 6.0 ET tube may also be practiced
- Designed to use size 6 tracheostomy tube, a size 6.0 mm ET tube, and a size 6 NG tube
- Includes spray-pump lubricant, a packet of thickener, instruction manual, and hard carry case
- Simulator does NOT include tracheostomy, ET, or NG tubes
- 5-year warranty



Consumables & replacement parts	Model No.
Replacement Lungs Sh. wt. 3 lbs.	LF01174(A)U
Replacement Stomach Sh. wt. 0.19 lbs.	LF01174(B)U

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## Airway Larry- Adult Airway Management Trainer with Stand

Model No. : LF03699U Sh. wt. 30 lbs.

A professionally made platform that simulates a non-anesthetized patient with realistic anatomy and landmarks. Ideal for practicing oral, digital and nasal intubation, suction techniques and proper cuff inflation. Suitable for both introductory classes and advanced students.

### Key Features:

- Learn correct oral, digital and nasal intubation as well as E.T., E.O.A., P.T.L., L.M.A., E.G.T.A., Combitube® and King System insertion
- Allows for practice on correct suction and cuff inflation techniques
- Realistic jaw thrust technique and Sellick maneuver instruction
- Manual carotid pulse
- Bifurcated lungs
- Includes carrying case and spray lubricant

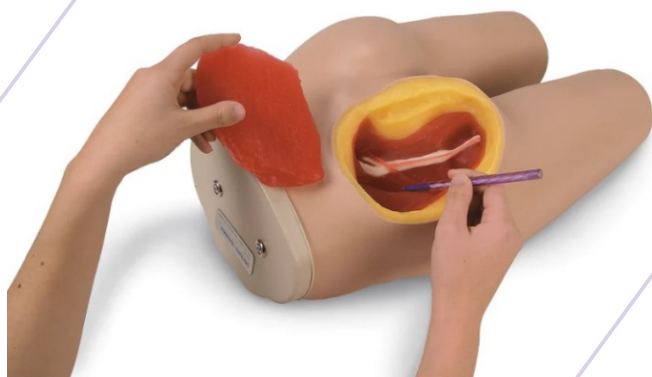


### Realistic Anatomy and Landmarks including:

- Teeth
- Tongue
- Oral and nasal pharynx
- Larynx
- Epiglottis
- Arytenoids
- False cords
- True vocal cords
- Trachea
- Lungs
- Esophagus
- Stomach
- 5-year warranty.



## Various types of injections: Subcutaneous, Intra-muscular, Intra-venous





# Multipurpose Venous Training Arm

Model No. : SB23444(L) Sh. wt. 8.50 lbs.



- Administration of medication by intravenous bolus
- Blood collection exercises
- Intramuscular injection site in deltoid area
- Cephalic, basilic, antecubital, radial, and ulnar veins
- Subcutaneous injection areas on the volar side of the forearm and the lateral side of the upper arm
- Veins in dorsum of hand
- Includes Lucite® base with stand, simulated blood concentrate, pressure bulb, blood dispensing bag, spare arm skin, funnel, talcum powder, instruction manual, and soft carry bag

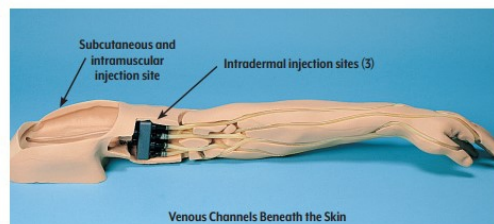
Consumables & replacement parts	Model No.
Replacement Veins Sh. wt. 1.25 lbs.	SB50849U
Replacement Skin Sh. wt. 1.25 lbs. Light	SB50850(L)U





# Advanced Venipuncture and Injection Arm

Model No. : LF01121U Each. Sh. wt. 20 lbs.



This revolutionary training arm provides complete venous access for IV therapy, phlebotomy, intramuscular and intradermal injections. An extensive 8-line vascular system allows students to practice venipuncture at all primary and secondary locations, including starting IVs and introducing Over the Needle IV Catheters.

Soft, flexible fingers are molded separately with extreme attention paid to every detail - right down to the fingerprints! Flexion of the wrist helps students develop manipulation skills. The replaceable skin rolls as the veins are palpated, and a discernible "pop" is felt when entering the veins.

## Key Features

- Simplified setup with one external fluid bag supplying artificial blood to all veins simultaneously
- Dorsal surface of hand includes injectable metacarpal, digital, and thumb veins. Antecubital fossa includes the median cephalic, median basilic, and median cubital veins
- Venipuncture can also be performed along the basilic, cephalic, accessory cephalic, and median antebrachial veins
- Intramuscular injections may be performed in the deltoid muscle and intradermal injection sites are located in the upper arm.
- Intramuscular injections into the deltoid muscle are enhanced by the soft, lifelike skin and by the natural bony landmarks in the region.
- Intradermal injections using distilled water will create characteristic skin welts at designated sites on the upper arm

## Complete Venous Access:

- Basilic V.
- Cephalic V.
- Digital V.
- Dorsal Metacarpal V.
- Median Basilic V.
- Accessory Cephalic V.
- Extensive Venipuncture System
- Flexible Fingers and Wrist
- Intradermal Injections
- Intramuscular Injections
- Median Antebrachial V.
- Median Cephalic V.
- Median Cubital V.
- Replaceable Skin and Veins
- Thumb V.
- Five-year warranty.

## Consumables & replacement parts Model No.

Replacement External Tubing Sh. wt. 0.25 lbs. LF00990U



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# Infant IV Arm

Model No. : LF03637U Sh. wt. 2.50 lbs.



- **Life/form® Infant IV Arm**
- Special, extremely thin, synthetic skin, and tubing with appropriately small lumen and thin walls
- Cephalic and basilic vein are accessible, as well as the dorsal venous arch on the hand
- Includes 2 IV bags with clamps, 1 pint blood, and winged infusion set
- 5-year warranty

Consumables & replacement parts	Model No.
<b>Infant IV Arm Replacement Skin and Veins</b> Sh. wt. 2.50 lbs.	LF03641U
<b>Blood</b> Quart. Sh. wt. 0.38 lbs. Gallon. Sh. wt. 0.88 lbs.	LF00845U LF00846U
<b>Fluid Supply Bag</b> 500 ml. Sh. wt. 0.31 lbs.	LF01130U
<b>Fluid Supply Stand • 5 in. x 8 in. base, 5/16 in. steel hooked rod</b> Sh. wt. 4 lbs.	LF01022U





# Pediatric Arm

Model No. : LF00958U Light  
Sh. wt. 11 lbs.



- Exact reproduction of the arm of a 6-year-old child
- Practice venipuncture and intramuscular injection techniques and procedures used in young children
- Soft foam is used to simulate the deltoid muscle and allows the student to “get the feel” of administering intramuscular injections to children
- Simulated bone in the shoulder defines and limits the injection area
- Water may be used as an injection fluid in the shoulder area
- Includes a Life/form® arm, fluid supply bag, 3 cc syringe, 1 pint Life/form® blood, instruction manual, and hard carry case
- Fluid supply stand not included
- 5-year warranty
- Carton size: 22 in. x 11 in. x 6 in.

## Consumables & replacement parts Model No.

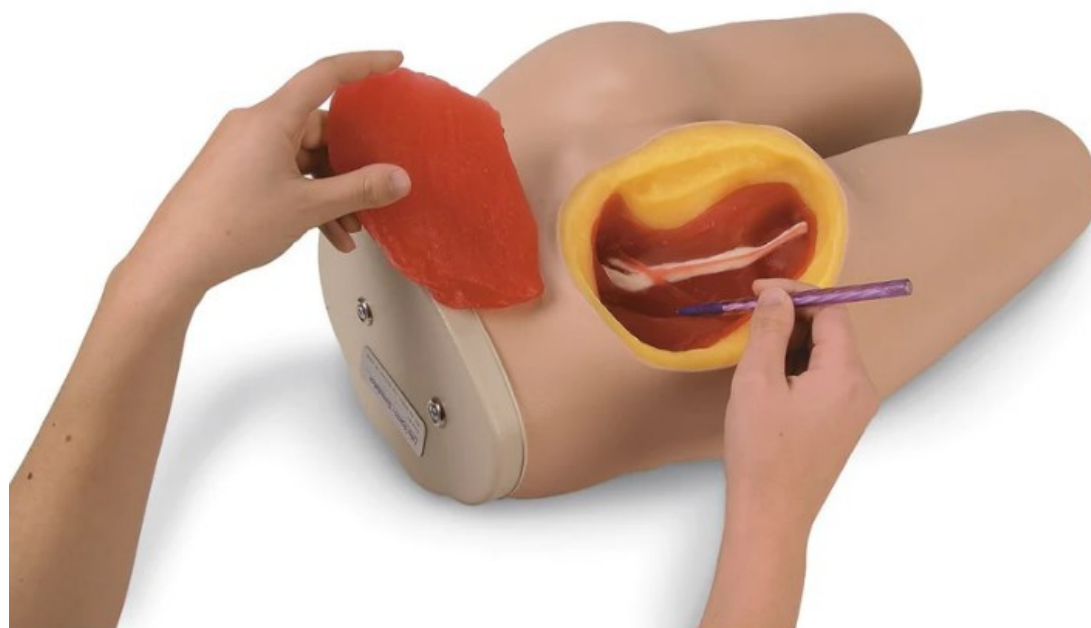
**Pediatric Arm Replacement Skin and Vein Kit** LF00986U  
Sh. wt. 1.50 lbs.

**Pediatric Arm Vein Replacements Only** LF01056U  
Sh. wt. 0.25 lbs.



# Intramuscular Injection Simulator

Model No. : LF00961U Sh. wt. 18 lbs.



- Simulated bony structure is embedded in the torso and represents the superior end of the femur, or greater trochanter, the posterior superior and anterior superior iliac spines, and the sacrum
- Bony structure provides palpable anatomical landmarks to identify proper injection sites
- Section of the upper, outer quadrant of the left gluteal area is cut away to visualize the underlying structures
- Gluteus medius and gluteus maximus muscles, sciatic nerve, and vascular structures are clearly shown
- 3 types of intramuscular injections can be taught and practiced on this simulator: dorsogluteal, ventrogluteal, and vastus lateralis injections
- Extremely realistic skin and muscle textures, as well as bone shape and position, closely resemble a live patient
- Perforation of the tissue with a needle duplicates the sensation of administering an actual injection
- Includes instruction manual, supply of syringes, and hard carry case
- 5-year warranty

## Consumables & replacement parts Model No.

Replacement Muscle Sh. wt. 0.50 lbs.

LF00963U



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# Venatech IV Trainer

Model No. : LF01162U Light Sh. wt. 2 lbs.



- Easily attached to a person's arm so student can practice venipuncture techniques on a live subject, including the proper positioning on an actual human arm, without the risks associated with puncturing living tissue
- Includes the 3 main veins used in phlebotomy — cephalic, basilic, and median cubital — all in correct anatomical position
- Arterial vessel is present for arterial blood gas simulation
- Helps students learn essential communication skills and patient interaction
- 5-year warranty

Consumables & replacement parts	Model No.
Venatech IV Trainer 5-Pack Sh. wt. 11 lbs. Light	LF01180U
Skin, Vein, and Artery Replacement Kits Sh. wt. 0.63 lbs. Light	LF01165U
Vein Replacement Kit Sh. wt. 0.44 lbs.	LF01177U
Replacement Blood, Red Only Sh. wt. 0.25 lbs.	LF01188U
Replacement Blood Kit, Red & Blue Pkg. of 5. Sh. wt. 0.06 lbs.	LF01178U



# Intradermal Injection Simulator

Model No. : LF01008U Light Sh. wt. 2.25 lbs.



- Practice intradermal injections safely and conveniently with the Life/form® Intradermal Injection Simulator
- Unit consists of a casting molded from a real forearm from the wrist to just below the elbow
- Life/form® soft vinyl skin provides realistic feel and appearance to ensure a realistic training experience
- 8 sites for practicing intracutaneous injections
- If fluid is properly injected, a characteristic skin welt will form
- Welt is removed by withdrawing the fluid after practice
- Each site is reusable by dozens of students
- Includes arm section with 8 injection sites, 2-oz. bottle of liquid skin repair, syringe, instruction manual, and storage box
- Included intradermal sealant (LF01009U) will extend the life of skin; however, skin is not replaceable and the simulator will eventually need replacement
- 13 in. x 11 in. x 5 in.
- 5-year warranty

## Consumables & replacement parts Model No.

Intradermal Sealant 2-oz. bottle. Sh. wt. 0.25 lbs.

LF01009U

# Urine Catheter Insertion





# Male & Female Urinary Catheterization Trainer

Model No. : LF00843U Sh. wt. 19 lbs.



New and improved urinary catheterization trainer with soft, realistic material, male genital insert with foreskin, female genital inserts, urinary and suprapubic catheterization capabilities, and rectal suppository and enema features included.

• Includes:

- o Soft Female Genital (1)
- o Soft Male Genital (1)
- o Simulator Lubricant 2 oz. (1)
- o 16 French Foley Silicone Catheter
- o Genital Housing Unit (1)
- o 1 qt. Simulated urine
- o Reusable Fluid Supply Bag
- o Bladders (3)
- o Foreskins (3)
- o Suprapubic Skin (3)
- o Syringe (1)
- o Baby Powder (1)
- o Hard carry case
- Fluid supply stand not included
- 5-year warranty





# Male & Female Catheterization Simulator Set

Model No. : LF00857U Sh. wt. 33 lbs.



- A lubricated catheter can be inserted in the urethral orifice, passed through the urethra, and into the bladder
- Student will feel normal restrictions caused by the mucosal folds, bulbous urethra, and internal urethral sphincter, just prior to entrance into the bladder
- Teaches proper positioning and movement of the penis to allow the catheter to pass easily
- Simulator is the lower torso of a middle-aged woman with thighs abducted for proper position during catheterization
- Includes a bladder reservoir, patient urethra, and a valve simulating the internal urethral sphincter
- Normal feeling of resistance and pressure is experienced as a catheter is passed through the urethra, past the sphincter, and into the bladder
- When the catheter enters the bladder, artificial urine (water) will flow from the catheter
- External genitalia and perineum are molded in lifelike form
- Labia minora can be spread apart naturally to reveal the clitoris, urethral opening, and vaginal introitus
- Includes lubricant, silicone catheter, instruction manual, and hard carry case
- 5-year warranty

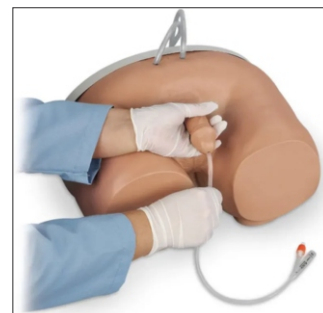
Consumables & replacement parts	Model No.	Consumables & replacement parts	Model No.
<b>Foley Catheter, Silicone</b> Each. Sh. wt. 0.25 lbs. <b>LF01127U</b> • 16 FR 5 cc Pkg. of 10. Sh. wt. 0.63 lbs. <b>LF01128U</b>		<b>Nasco Cleaner</b> Sh. wt. 0.88 lbs. <b>LF09919U</b> • Use to remove stubborn stains from simulators and trainers • 12-oz. bottle	
<b>Fluid Administration Set</b> Sh. wt. 0.25 lbs. <b>LF01098U</b> • With special adapter for Male and Female Catheterization Simulators • Includes fluid bag with tubing and a fitting		<b>Catheter Obstruction Tool</b> Sh. wt. 0.38 lbs. <b>LF00844U</b> • Use to clear any obstructions within the urethra • Comes in a zipper closure bag with lubrication and instructions	
<b>Fluid Supply Stand</b> Sh. wt. 4 lbs. <b>LF01022U</b> • 5 in. x 8 in. base, 5/16 in. steel hooked rod			
<b>Lubricant Kit</b> Sh. wt. 0.88 lbs. <b>LF00985U</b> • 2-oz. bottle • Pkg. of 6			





# Infant Male and Female Catheterization

Model No. LF01035 Sh. wt. 2 lbs.



- 2-in-1 trainer that provides realistic practice of this difficult skills procedure
- Anatomically realistic with both male and female genitals
- Feel resistance and pressure as with a real patient
- Genitals made of soft, lifelike material
- Lower half of infant only
- Practice both male and female infant catheterization training
- Practice insertion, position, catheter balloon inflation and deflation
- Urine flows when catheter is in proper position
- Includes infant torso, 1 male and 1 female genital insert, 2 oz. lubricant, infant Foley catheter, and instruction manual
- 5-year warranty

Consumables & replacement parts	Model No.
<b>Replacement Genital Inserts</b> Sh. wt. 0.38 lbs.	
Female	LF01035(A)U
Male	LF01035(B)U
<b>Replacement Bladder Tube</b> Sh. wt. 0.06 lbs.	LF01221U
<b>Infant Intermittent Catheter</b>	LF01074U
• 6 in., 8 F Each. Sh. wt. 0.19 lbs.	
Pkg. of 10. Sh. wt. 0.44 lbs.	LF01074(A)U
<b>Lubricant Kit</b> Sh. wt. 0.88 lbs.	LF00985U
• 2-oz. bottles	
• Pkg. of 6	



# Enema Administration Simulator

Model No. LF00957 Sh. wt. 19 lbs.

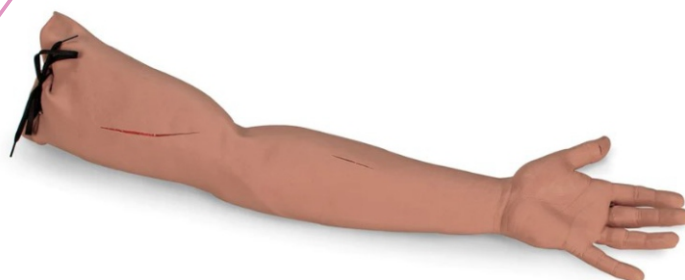


- Use for group demonstrations and practice sessions of any size
- Realistically practice administering an enema using this lifelike model
- Standard enema procedures can be performed using conventional enema apparatus — no special equipment is required
- All aspects of the simulator are realistic in every detail
- Upper buttock is flexible so the trainee must raise the buttock in order to locate and make insertion into the anus
- Drain tube is provided so fluid can be drained directly into a large container or sink
- Includes enema administration set, instruction manual, and hard carry case
- 5-year warranty

Consumables & replacement parts	Model No.
<b>Hevi-Lube</b> Sh. wt. 0.94 lbs. <ul style="list-style-type: none"><li>• Specially formulated, highly concentrated lubricant for exclusive use with Life/form® Enema Administration Simulator only</li><li>• Pint bottle</li></ul>	LF01050U
<b>Fluid Supply Stand</b> Sh. wt. 4 lbs. <ul style="list-style-type: none"><li>• 5 in. x 8 in. base, 5/16 in. steel hooked rod</li></ul>	LF01022U
<b>Fluid Administration Set</b> Sh. wt. 0.25 lbs. <ul style="list-style-type: none"><li>• Includes fluid bag with tubing and a fitting</li></ul>	LF01098U
<b>Replacement Tubing</b> Sh. wt. 0.31 lbs.	LF01024U
<b>Nasco Cleaner</b> Sh. wt. 0.88 lbs. <ul style="list-style-type: none"><li>• Use to remove stubborn stains from Life/form® simulators</li><li>• 12-oz. bottle</li></ul>	LF09919U

## 5

# Skin & Fascia Suturing

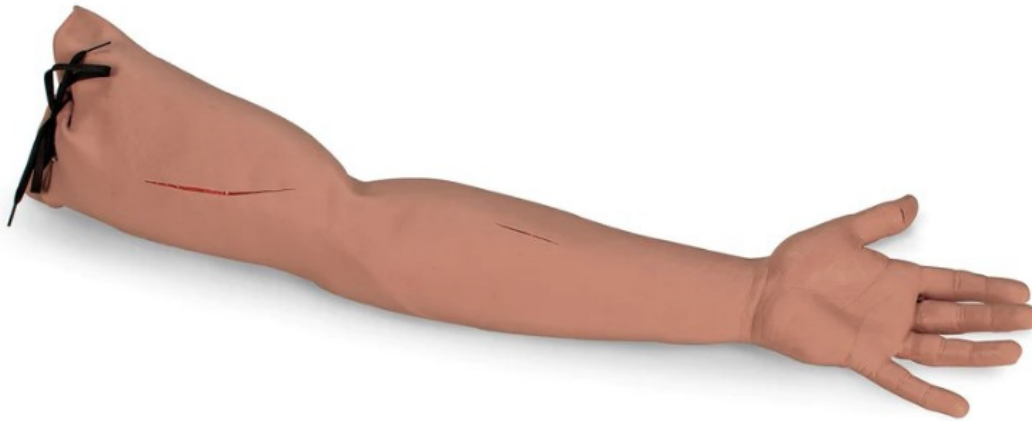






# Suture and Stapling Practice Arm

Model No. LF01028 Sh. wt. 2.75 lbs.



- The Suture and Stapling Practice Arm is made with a soft vinyl skin over a core of stitchable foam to provide a lifelike suturing experience for students or a realistic suturing demonstration by an instructor.
- Realistic skin texture with wrinkles, pores, and visible fingerprints. Soft and pliable for easy sewing, the skin is tough enough that sutures will not pull out when tightened.
- The unit is provided with three "wounds." These "wounds" can be sutured repeatedly until the skin around them is finally worn out then, new "wounds" can be cut. Although disposable, the arm provides hundreds of suturing experiences before wearing out.
- Over one hundred cuts can be made on the trainer and each of these cuts can be sutured several times.
- Comes complete with a starter package of sutures and instruction booklet.

Consumables & replacement parts	Model No.
<b>Suture Replacement</b> Each. Sh. wt. 0.19 lbs. • Includes 4-0 reverse cutting nylon suture	LF07000U
Pkg. of 5. Sh. wt. 1.25 lbs.	LF07000(A)U
<b>Suture Tool Kit with Case Only</b> Sh. wt. 0.38 lbs.	LF01011U
<b>Mayo Hegar Needle Holder</b> Sh. wt. 0.19 lbs. • Highly polished stainless steel • Box lock narrow jaw, serrated and indented • Ratchet lock handle • 6 in. long	C00879U



# Suture and Stapling Practice Leg

Model No. LF01034 Sh. wt. 5.50 lbs.



The Suture and Stapling Practice Leg is made with a soft vinyl skin over a core of stitchable foam to provide a lifelike suturing experience for students or a realistic suturing demonstration by an instructor.

Realistic skin texture with wrinkles, pores, and visible fingerprints. Soft and pliable for easy sewing, the skin is tough enough that sutures will not pull out when tightened.

The unit is provided with three "wounds." These "wounds" can be sutured repeatedly until the skin around them is finally worn out then, new "wounds" can be cut.

Although disposable, the leg provides hundreds of suturing experiences before wearing out. Conservatively, over one hundred cuts can be made on the trainer and each of these cuts can be sutured several times.

Comes complete with a starter package of sutures and instruction booklet.

Consumables & replacement parts	Model No.
<b>Suture Replacement</b> Each. Sh. wt. 0.19 lbs. • Includes 4-0 reverse cutting nylon suture	LF07000U
Pkg. of 5. Sh. wt. 1.25 lbs.	LF07000(A)U
<b>Suture Tool Kit with Case Only</b> Sh. wt. 0.38 lbs.	LF01011U
<b>Mayo Hegar Needle Holder</b> Sh. wt. 0.19 lbs. • Highly polished stainless steel • Box lock narrow jaw, serrated and indented • Ratchet lock handle • 6 in. long	C00879U





# Pediatric Suture Head Kit

Model No. LF01047 Sh. wt. 9.50 lbs.



## Life/form® Pediatric Suture Head Kit

- Practice draping and bedside skills as well
- Soft, lifelike skin can be cut and sutured hundreds of times, then simply replaced over the permanent core and base
- Includes scalpel, forceps, needle holder and scissors in a soft case, 1 nylon suture, simulated blood, and baby powder
- 5-year warranty

### Consumables & replacement parts

### Model No.

#### Replacement Pediatric Head Skin

- Includes 1 replacement pediatric head skin Sh. wt. 2.50 lbs.

LF01047(A)U



# Episiotomy Suturing Simulators - Set of 3

Model No. LF00690 Sh. wt. 2 lbs.



- Simulators provide a realistic way for students to learn good surgical techniques and a variety of repair experiences
- Can be used by the student in a learning lab with an instructor, or by the student individually in the clinical setting
- In addition to being portable, the lifelike texture allows the learner to develop a “feel” for instrument handling, tension on suture, and the advantages of one method of tying knots over another
- Each simulator includes an instruction manual and is individually boxed
- 5-year warranty

Consumables & replacement parts	Model No.
<b>Suture Thread with Needle</b> Each. Sh. wt. 0.19 lbs. Pkg. of 5. Sh. wt. 1.25 lbs.	<b>LF07000U</b> <b>LF07000(A)U</b>
<b>Mayo Hegar Needle Holder</b> Sh. wt. 0.19 lbs. • Highly polished stainless steel • Box lock narrow jaw, serrated and indented • Ratchet lock handle • 6 in. L	<b>C00879U</b>
<b>Suture Tool Kit with Case Only</b> Sh. wt. 0.38 lbs.	<b>LF01011U</b>





# Suture Kit

Model No. LF01042 Sh. wt. 2.75 lbs.



Make incisions and determine the depth of suturing and the technique to be used

- Practice and demonstrate tying knots, stapling and placement of staples, use of surgical glue, suturing deep tissue (placement and closure), and suturing subcutaneous tissue (placement and closure)
- Features epidermis, dermis, fascia, fat, and muscle layers
- Skin will allow placement and closure of superficial sutures
- Includes suture pad, tray to hold pad (not shown), durable carry case, needle holder, suture scissors, tissue forceps, scalpel, nylon suture, and small carry case to hold the instruments
- Pad measures 6 in. L x 4 in. W x 1 1/2 in. D
- 5-year warranty

Consumables & replacement parts	Model No.
Life/form® <b>Suture Replacement Pad</b> Light. Each. Sh. wt. 1.50 lbs. Light. Pkg. of 10. Sh. wt. 14 lbs.	LF01043U LF01043(A)U
<b>Suture Replacement</b> • Includes 4-0 reverse cutting nylon suture Each. Sh. wt. 0.19 lbs. Pkg. of 5. Sh. wt. 1.25 lbs.	LF07000U LF07000(A)U
<b>Suture Tool Kit with Case Only</b> Sh. wt. 0.38 lbs.	LF01011U

## 6

# Breast Examination Model / Mannequin





# Advanced Breast Examination

Model No. LF00980 Sh. wt. 17 lbs.



- Tissue density varies within the simulated breast
- Tumors of varying sizes (1-4 cm diameter), shapes (round, oval, irregular/stellate), and densities can be inserted by the instructor for an expanded combination of training scenarios
- Tumors represent adenomas, cysts, malignant tumors, and enlarged lymph nodes
- Torso is correctly positioned in the supine position and allows access to both axillae
- Features palpable ribs, sternum and clavicles, and enlarged lymph nodes in the axillary and subclavicular areas
- 5-year warranty
- Peau d'orange ("orange peel skin") with inflammation,
- inverted nipple, skin dimpling, and asymmetry are
- also depicted on the incredibly realistic skin
- Designed for supine or upright examination
- Training may also be done without the overlay skin
- Includes a rigid underbody, right and left breast
- inserts, overlay skin, 3 tumor sets (27 lumps), 9 soft nodules to represent soft breast tissue, 1 hard lump to represent chest wall infiltration, baby powder, instruction manual, and hard carry case
- 14 in. W x 11 in. H x 6 in. D

Consumables & replacement parts	Model No.
<b>Left Breast Replacement</b> Sh. wt. 2 lbs.	LF00980(A)U
<b>Right Breast Replacement</b> Sh. wt. 1.50 lbs.	LF00980(B)U
<b>Replacement Tumor Set — 27 Lumps</b> Sh. wt. 0.50 lbs.	LF00980(C)U



# Breast Examination Simulator

Model No. LF00984 Sh. wt. 6.50 lbs.



- Special skin creates a lifelike look and feel
- Realistic fluid breast mass allows displacement of breast tissue under palpation almost exactly as it occurs in a live patient
- Left breast has a small nodule in the upper outer quadrant and a fibroadenoma in the lower inside quadrant
- Right breast has a fixed lump in the upper outer quadrant, and a fluid-filled cyst in the lower inside quadrant
- Practice all phases of breast examination in both a sitting and supine position
- Lightweight simulator designed with a concave back to allow ease in demonstrating or practicing palpation techniques
- Use as a body overlay or attach to body for a standing examination
- Includes a neck strap (3-ft. long) and a waist strap (4-ft. long) that are adjustable and can be strapped on, instruction
- manual, American Cancer Society Guide to Breast Examination, and storage box
- 5-year warranty

Consumables & replacement parts	Model No.
<b>Breast Replacement, Right</b> <ul style="list-style-type: none"> <li>• Contains fixed lump, fluid filled cyst, and round lump</li> </ul> Sh. wt. 1.50 lbs.	<b>LF01014U</b>
<b>Breast Replacement, Left</b> <ul style="list-style-type: none"> <li>• Contains small nodularity and fibroadenoma</li> </ul> Sh. wt. 1.50 lbs.	<b>LF01015U</b>



# Gynecological Examination Model / Mannequin including IUCD (Intra Uterine Contraceptive Device) Training Model Examination, Conduct and Management of Vaginal delivery





# Cervical Dilatation and Effacement Simulators

Model No. LF01068 Sh. wt. 19 lbs.



- 3-D simulators provide lifelike simulation of cervical examination prior to birth
- Visual and tactile sensations experienced provide a positive transition to patient procedures
- Set consists of 6 separate 4 in. W x 4 1/4 in. H x 4 3/4 in. D pelvic blocks
- External appearance of all 6 blocks is identical, with the variations being in the internal structure
- Represents internal texture, tissue density, and correct anatomical size
- Simulators depict 6 different cervical conditions prior to birth; each is clearly identified on the back side to indicate which condition exists internally
- Gain a tactile understanding of no dilatation, 2 cm, 5 cm, 7 cm, 9 cm, and effacement conditions
- Includes 6 simulation blocks (Stages 1-6), acrylic stand, glove, powder, lubricant, instruction card, and a hard carry case
- 5-year warranty



# Advanced Pelvic Examination and Gynecological Simulator

Model No. LF01235 Sh. wt. 24 lbs.



- Ideal for all aspects of gynecological education, training, and competency evaluation, including the bimanual exam, speculum exam, and cytology sampling
- Unprecedented realism of internal and external features
- Interchangeable components make up its unique modular system
- You choose the scenarios
- Components can be combined in a multitude of ways
- Flexibility of customizing your scenarios with use of included makeup, blood, and thickener
- Additional specialized modules are also available (STD, post-menopause, S.A.N.E., and pre-puberty)
- Completely washable, disassembles for easy cleaning
- Starter unit includes torso, normal genital pad, normal pelvic organ block with vagina and rectum, abdominal gel pad, fabric abdominal pad, abdominal overlay skin, 7 uterus/cervix pieces (normal/normal with discharge option, retroverted/cervicitis, cancer/cancer, transparent IUD trainer, post-menopause/herpes, fibroids/polyp, early pregnancy), 5 detachable ovaries (normal, polycystic, small cyst, large adnexal mass), bladder insert, pelvic organ prolapse insert, baby powder, Injury Shades Makeup Wheel, Primary Colors Makeup Wheel, blood mix, thickener, syringe, lubricant, instruction manual, and hard carrying case
- 5-year warranty

Consumables & replacement parts	Model No.
<b>Replacement Abdominal Skin Overlay</b> Sh. wt. 0.88 lbs.	LF01236U
<b>Replacement Organ Block</b> Sh. wt. 0.88 lbs.	LF01237U
<b>Replacement Genital Pad</b> Sh. wt. 0.69 lbs.	LF01238U
<b>Replacement Uterus, Set of 7</b> Sh. wt. 1.25 lbs.	LF01239U
<b>Replacement Ovary, Set of 5</b> Sh. wt. 0.38 lbs.	LF01240U
<b>Replacement Bladder/Prolapse Inserts, Set of 2</b> Sh. wt. 0.38 lbs.	LF01241U
<b>Replacement Fabric Abdominal Pad</b> Sh. wt. 0.31 lbs.	LF01242U
<b>Replacement Abdominal Gel Pad</b> Sh. wt. 2.75 lbs.	LF01243U
<b>Injury Shades Grease Paint Makeup Wheel</b> • Contains 6 colors commonly used to create bruises and contusions: warm, honey, maroon, dark purple, yellow, forest green, and thunder gray • 1-oz. wheel Sh. wt. 0.19 lbs.	LF00760U
<b>Primary Colors Grease Paint Makeup Wheel</b> • 1-oz. wheel includes 5 colors: white, black, red, yellow, and blue Sh. wt. 0.19 lbs.	LF00761U



# ZOE Gynecologic Simulator, Light

Model No. SB28796 L Sh. wt. 30 lbs.



Combines the ability to demonstrate multiple gynecologic procedures, as well as practice laparoscopic examination and minilaparotomy

## Features:

- Full-size adult female lower torso with relevant internal anatomic landmarks
- Bimanual pelvic examination
- Palpation of normal and pregnant uteri
- Vaginal examination (including insertion of speculum)
- Visual recognition of normal and abnormal cervixes
- Uterine sounding
- IUD insertion and removal
- Contraceptive sponge insertion and removal
- Female condom insertion and removal
- Diaphragm and cervical cap insertion and removal
- Laparoscopic visualization and occlusion of fallopian tubes
- Minilaparotomy
- 1 anteverted and 1 retroverted parous uterus
- One 10-week pregnant uterus
- 1 postpartum uterus
- 5 normal cervixes with patent os
- 4 abnormal cervixes
- 10 fallopian tubes
- Realistically sculpted and anatomically accurate ovaries and fimbriae
- Uterus and cervix feature patented "screw" design for fast and easy change-out
- Includes complete skin covering, talcum powder, K-Y Jelly, instruction manual, and soft nylon carry bag



## IUD Trainer

Model No. 160-1912

¥ Demonstrate proper IUD insertion techniques  
¥ 3 in. x 4 1/4 in. x 3/4 in.



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# Obstetrics Mannequins including Obstetric





# Lucy Maternal and Neonatal Birthing Simulator - Basic

Model No. LF00042 Sh. wt. 72 lbs.



- Designed to present the complex needs of a growing demographic with unique health and physical challenges
- A new level of physical realism allows anear-human connection and enhances the immersion in training
- Provides a comprehensive and economical birthing experience from prenatal to postnatal delivery scenarios
- Experience realistic normal and abnormal deliveries

## Functions

- Airway management - intubation and ventilation with chest rise
- Amniotic sac
- Articulating arms and legs
- Articulating baby - 18 in. (45 cm) long, 22-lb. (1 kg) weight
- Birthing positions - hands and knees, lateral, supine
- Breech deliveries - complete, incomplete, Footling, and Frank
- Cervical dilation - 6 stages
- Cesarean section delivery
- CPR
- Deliveries - vaginal, cesarean, forceps-assisted, and vacuum-assisted
- Episiotomy repair
- External version
- Fetal palpation - abdominal and Leopold's maneuvers
- Fetal suction
- Fundal massage
- Intramuscular injection sites
- Manual birthing maneuver - instructor/student-controlled fetal descent
- Membrane rupture
- Oral and nasal care - lavage, gavage, suctioning
- Patient positioning and transfer techniques
- Placenta previa
- Postpartum care
- Postpartum hemorrhage
- Scalp electrode placement
- Shoulder dystocia maneuvers
- Umbilical cord clamping and cutting
- Umbilical cord prolapse



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# Lucy Maternal and Neonatal Birthing Simulator - Basic

Model No. LF00042 Sh. wt. 72 lbs.

## Product Features

### General

- Lightweight, full-body female - 66 in. (167 cm) long, 35-lb. (16 kg) weight
- Simple to transport in pre-hospital scenario training
- Superior range of motion with fully articulated joints
- Bony landmarks including ischial spines
- Change appearance quickly with multiple hair and eye colour combinations
- 5-year warranty

### Includes

- Abdominal pad
- Abdominal skin - 1 normal and 1 cesarean
- Amniotic sac, 50
- Articulating baby
- Cervices - stages 1-6
- Chest skin
- CPR chest
- Eyes - brown/blue/green
- Fundus
- Hospital gown
- Inflation tubing with squeeze bulb
- Lubricating jelly
- Lung bag
- Pelvic block
- Perineal skin, 3 - prenatal, birthing, and episiotomy
- Perineal skin stabilizer pad
- Placenta
- Positioning bag
- Umbilical clamp
- 4 umbilical cords - 1 long, 3 short
- 3 wigs -black/blonde/brown

Consumables & replacement parts	Model No.
Articulating Baby Sh. wt. 4.50 lbs.	LF00050U
Replacement Cord Kit for Articulating Baby Sh. wt. 0.38 lbs.	LF00051U
Abdominal Pad Sh. wt. 2.25 lbs.	LF00060U
Abdominal Skin (Cesarean) Sh. wt. 3 lbs.	LF00059U
Abdominal Skin (Normal) Sh. wt. 2 lbs.	LF00058U
Cervices (Stages 1-6) Sh. wt. 2.25 lbs.	LF00067U
Fundus Sh. wt. 1.25 lbs.	LF00061U
Lung Bag Sh. wt. 0.25 lbs.	LF00070U
Meconium Methyl Cellulose Sh. wt. 2.25 lbs.	101-171U
Perineal Skin Foam Stabilizer Pad Sh. wt. 0.25 lbs	LF00065U

Consumables & replacement parts	Model No.
Perineal Skin (Birthing) Sh. wt. 1.50 lbs.	LF00064U
Perineal Skin (Episiotomy) Sh. wt. 1.50 lbs	LF00063U
Perineal Skin (Pre-Natal) Sh. wt. 1.50 lbs.	LF00062U
Placenta Sh. wt. 1.25 lbs.	LF00073U
Simulated Amniotic Sacs Roll of 50. Sh. wt. 1.75 lbs.	LF00077U
TrueClot <sup>®</sup> Blood Simulant Half-gallon. Sh. wt. 7 lbs.	SB51046U
TrueClot <sup>®</sup> Clotting Solution 500 ml. Sh. wt. 1.50 lbs.	SB51010U
Umbilical Clamp Sh. wt. 0.06 lbs.	LF00076U
Long Umbilical Cord Sh. wt. 0.63 lbs	LF00074U
Short Umbilical Cord Pkg. of 3. Sh. wt. 0.63 lbs.	LF00075U







# NOELLE® Maternal Birthing Simulators

Model No. SB48760 L Sh. wt. 98 lbs.



- Designed to provide a complete birthing experience before, during, and after delivery
- Features articulating full-body female manikin, intubatable airway with chest rise, IV arm for meds/ fluids, removable stomach cover, multiple fetal heart sounds, automatic birthing system, multiple placenta locations, replaceable dilating cervixes, and 1 articulating birthing baby with placenta
- Allows practice of Leopold's maneuvers, measuring head descent and cervical dilation, and postpartum suturing
- Monitor and log ventilations and chest compressions with OMNI® Code Blue® pack
- View feedback on your OMNI® device or any Windows® computer
- Includes 2 umbilical cords, 2 dilating cervixes, 2 umbilical clamps, 2 vulval inserts, 3 vulvae for postpartum suturing, postpartum hemorrhage and palpation module, training guide, teaching guide with scenarios, OMNI® Code Blue® pack (CPR Link software, CPR Link connection cable, CPR module pre-installed in simulator, international power supply [100-240V AC]), OMNI® controller talcum powder, water-soluble silicone lubricant, and carry bag
- 1-year warranty

## NOELLE® Maternal and Neonatal Birthing Simulator

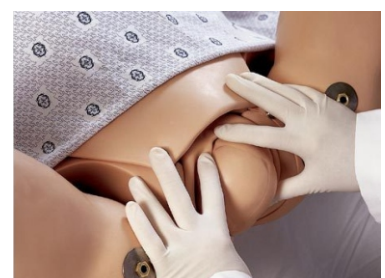
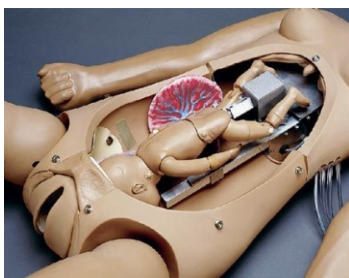
- Allows practice of C-section and forceps deliveries
- Also includes 1 resuscitation baby with intubatable airway and umbilical catheter site
- 1-year warranty
- Sh. wt. 106 lbs.

Model No. SB32878(L)U Light

## NOELLE® Maternal and Neonatal Birthing Simulator with PEDI® Blue Neonate

- PEDI® Blue Neonatal Simulator with SmartSkin™ has the unique ability to change color based upon an initial pre-selected condition and the effectiveness of airway ventilation and chest compression provided
- Includes 1 Maternal controller
- 1-year limited warranty
- Sh. wt. 110 lbs.

Model No. SB37713(L)U Light







# Advanced OB Susie® Birthing Torso - Light

Model No. SB50848 L Sh. wt. 40 lbs.



- Allows you to simulate every stage of the birthing process
- Simulate audible maternal and fetal heart sounds from 0-200 BPM, as well as audible newborn cries, grunting, and stridor
- Palpation of the fetus is ideal for practicing Leopold maneuvers
- Practice vaginal breech deliveries and free the legs using the Pinard maneuver
- Also allows for deliveries requiring vacuum augmentation or forceps
- Includes torso, birthing baby, and newborn baby
- Bladder catheterization with variable urinary flow - use conventional urinary bladder to reduce bladder size
- Clamp placement and umbilical cutting
- Delivery of placenta - position placenta to simulate placenta previa
- Insertion of medication through rectum
- Simulate postpartum bleeding
- Uterine massage
- Vertex or breech deliveries

## Birthing torso includes:

- Blood collection stand with squeeze bulb to regulate pressure
- Directions for use
- Distensible cervixes (3)
- Midwifery gown with snaps
- Nonsterile urinary catheter (not for human use)
- Non-latex gloves (2 pairs)
- Placentas with removable fragments (2)
- Postpartum hemorrhage fluid silicone lubricant (1.25 liters)
- Requires 4 "AA" batteries (not included)
- Simulated blood concentrate
- Simulated urine concentrate
- Stethoscopes - 1 conventional and 1 Pinard
- Storage bag
- Suction bulb
- Talcum powder
- Vulval inserts (4)

## Newborn baby features:

- Head cap to minimize hypothermia
- Squeeze bulb for operating umbilical pulse
- Umbilical catheterization



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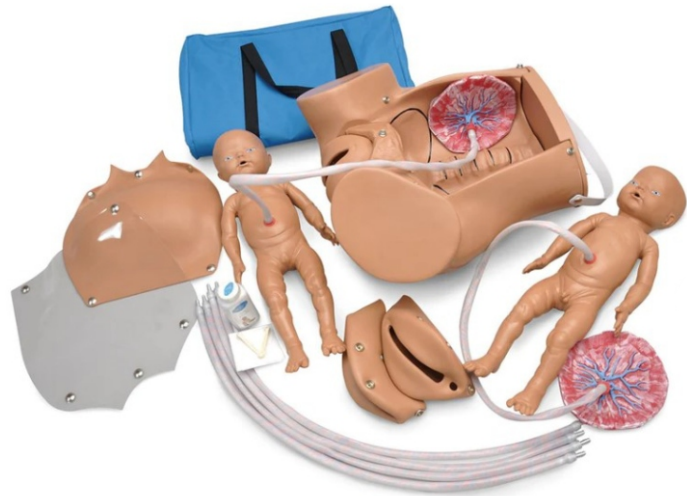
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# Total Childbirth Education Station - Light

Model No. SB38758 L



The Obstetric Susie® S500 is a versatile childbirth skills trainer for practicing routine and complicated delivery techniques. Participants can practice providing care through the birthing process from delivery to postpartum care. The simulator's lifelike features ensure participants can go hands-on and practice the skills needed to provide safe and effective care during high-risk/low-frequency events.

- Normal vaginal delivery
- Complete, frank, and footling breech birth
- C-section delivery
- Ritgen's maneuver
- Episiotomy
- Vertex presentation
- Intrauterine manipulation
- Vertex/vertex, vertex/breech, breech/vertex, or breech/breech presentation in multiple births
- Prolapse of umbilical cord
- Demonstration of placenta previa: total, partial, and marginal
- Normal delivery of umbilical cord and placenta
- Palpation of fetal fontanelles
- Removable diaphragm end plate for manual positioning of fetal baby/babies
- Removable stomach cover for positioning fetus
- Life-size pelvic cavity with major anatomic landmarks

- Hand-painted outline of the bony pelvis
- Three soft vulval inserts for episiotomy exercises
- One baby boy and one baby girl, each with umbilical cord and placenta
- Anatomically accurate backbone and fontanelles on fetal baby/babies

#### Package Contents:

- Obstetric Susie® S500 Skill Trainer
- One skin-tone stomach cover
- Four extra umbilical cords
- Two umbilical clamps
- Talcum powder
- Instruction manual
- Soft carrying bag
- Includes the Advanced Childbirth Simulator (SB22438(L)U), the Birthing System Module (SB32872(L)U), the Palpation Module for Leopold's Maneuvers (SB29930(L)U), and the Labor Delivery Module (SB29931(L)U)



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## Neonatal & Pediatric

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# Complete Child CRiSis™ Manikin

Model No. LF03616 Sh. wt. 35 lbs.



- Complete PALS training capabilities in 1 manikin
- Simulating a 5-year-old child, it combines all of the skill stations on 1 manikin, making training more realistic and giving students an appreciation for the smaller scale of the patient
- Realistic anatomy and landmarks include a mouth, tongue, oral pharynx, epiglottis, arytoids, vocal cords, trachea, and esophagus
- Manikin is 46 3/4 in. long and weighs 20-lbs.
- 5-year warranty

## Features:

### Airway Management

- Compatible airway management devices include E.T., E.O.A., E.T.L., L.M.A., E.G.T.A., CombitubeR, and King Systems
- Inflatable stomach bladder to indicate esophageal intubation
- Oral, nasal, and digital intubation capabilities
- Realistic anatomical features
- Separate left and right lungs for auscultation
- Suctioning capabilities

### Blood Pressure Arm

- Auscultatory gap
- Systolic and diastolic levels, heart rate, and sound volume
- Palpable radial pulse
- Speaker in arm reproduces real blood pressure sounds
- 5 Korotkoff sounds

### CPR

- Fully articulated head, neck, and jaw
- Jaw thrust
- Palpable and visual landmarks
- Palpable carotid pulse (manual)

### IV Arm

- Articulated at the biceps for antecubital and dorsal access
- Realistic flashback from a pressurized system
- Replaceable skin and veins
- Smaller lumen tubing simulates the size of a child's veins

### Defibrillation Chest

- Compatible with all standard brands and types of defibrillators, monitors, and patient simulators
- Internal load box absorbs full strength shock
- Manual, automatic, and semi-automatic defibrillation
- Pacing
- Rhythms are detected at 4 ECG sites and 2 defibrillation sites

### Femoral Access

- Articulated leg requires proper positioning
- Palpable arterial pulse (manual)
- Palpable symphysis pubis and anterior superior iliac spine
- Realistic flashback from pressurized venous system
- Replaceable injection pad

### Intraosseous Infusion

- Palpable landmarks include the patella, tibia, and tibial tuberosity
- Pressurized system allows aspiration of fluid
- Replaceable bones and skin



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# C.H.A.R.L.I.E. Neonatal Resuscitation Simulator

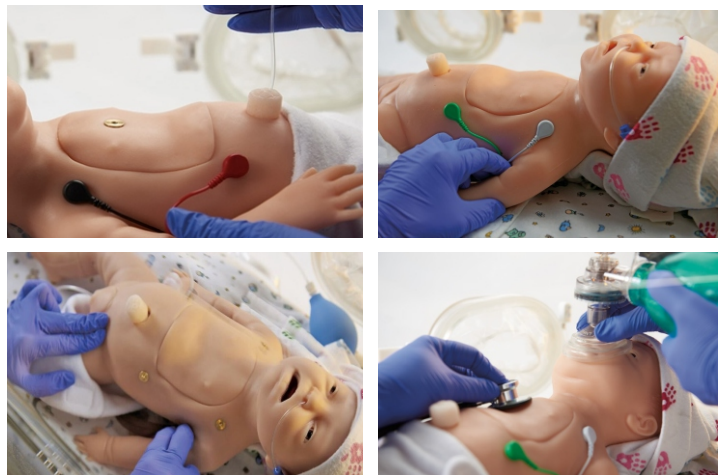
Model No. LF01421 Sh. wt. 14 lbs.

Meet Baby C.H.A.R.L.I.E. and satisfy all your training requirements for NRP 7th edition

**C** : Compressions, Cardiac  
**H** : Heat compatible  
**A** : Airway, Arterial access via the umbilicus  
**R** : Resuscitation  
**L** : Laryngeal mask capable for oxygen use or PPV  
**I** : Intravenous, Intraosseous, Intubation  
**E** : ECG

## Features:

- Airway, breathing, intubation, and ventilation
- Chest tube placement
- CPR
- ECG simulation (must have ECG simulator SVN-670 or SVN-102)
- Gastrointestinal (GI) tube
- Intraosseous infusion
- Observation and measurement
- Palpable manual pulse points in 7 locations
- Patent umbilicus with venous and arterial access
- PICC site in arm
- Urinary catheterization to use with interchangeable genitalia



## C.H.A.R.L.I.E. Neonatal Resuscitation Simulator with Interactive ECG Simulator

- Defibrillation shock can be delivered through manikin or simulator
- Connect defibrillator/external pacer to simulator using adapters
- Built-in circuitry allows you to defibrillate and pace directly into the ECG simulator and observe ECG rhythms through the PADS connector
- Convert feature
- Select another rhythm to run immediately after defib discharge
- Pacing can be done on any manufacturer's defibrillator
- Battery saver feature powers-off simulator automatically when not in use
- 6 waveforms
- 17 adult/pediatric rhythms

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# C.H.A.R.L.I.E. Neonatal Resuscitation Simulator

Model No. LF01421Sh. wt. 14 lbs.

- **C.H.A.R.L.I.E. comes complete with:**
  - Airways, 2, standard and advanced
  - Baby powder
  - Blood
  - Carry bag
  - Defibrillation chest
  - Intraosseous bones and skin
  - IV bag
  - IV skin and veins for hand and foot
  - Male and female genitalia
  - Myelomeningocele
  - Needles
  - Omphalocele
  - Umbilicus
  - Instruction manual
  - 5-year warranty

Consumables & replacement parts	Model No.
Bilateral Chest Insert Sh. wt. 0.63 lbs.	LF01401U
Unilateral Chest Insert Sh. wt. 0.63 lbs.	LF01402U
Replacement Airway Sh. wt. 0.25 lbs.	LF01403U
Replacement IV Hand Skin and Vein Sh. wt. 0.06 lbs.	LF01404U
Replacement IV Foot Skin and Vein Sh. wt. 0.06 lbs.	LF01405U
Umbilicus with Pulse Sh. wt. 0.06 lbs.	LF01412U
Birth Defects Sh. wt. 0.56 lbs.	LF01407U
Replacement Advanced Airway Sh. wt. 0.38 lbs.	LF01408U
Defibrillation Chest Sh. wt. 0.50 lbs.	LF01409U
Replacement Genitalia Male and female. Sh. wt. 0.50 lbs.	LF01410U
Replacement I/O Skin Sh. wt. 0.50 lbs.	LF01411U
I/O Bone and Blood Capsule Pkg. of 12. Sh. wt. 2 lbs.	101-092U





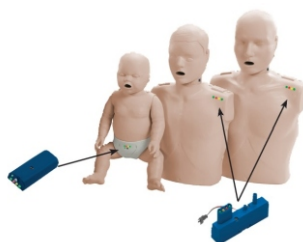
## Prestan Professional Child CPR Training Manikin Medium Skin Model No. PP-CM-100M-MS



The PRESTAN Professional Child Manikin is designed to look like a child verses an adult with less prominent body structures and softer, more childlike facial features. It is smaller and thinner than the PRESTAN Professional Adult Manikin yet still realistic to the eye and the touch with the same CPR feedback features as the Professional Adult Manikin.

Sleep Mode/No Power	○ ○ ○ ○
1 <sup>st</sup> Full Compression (Wake mode/LED Test Mode)	● ● ● ●
CPM* < 60	● ● ○ ○
CPM* 60 – 79	○ ○ ● ○
CPM* 80 – 99	● ● ○ ○
CPM* 100 – 120	● ● ● ●
CPM* > 120	● ● ● ●
Compressions Stopped	● ● ○ ○

\*CPM = Compressions per minute  
● = Flashing



Fully compliant with current industry guidelines, including the most recent AHA Integrated Feedback Directive.



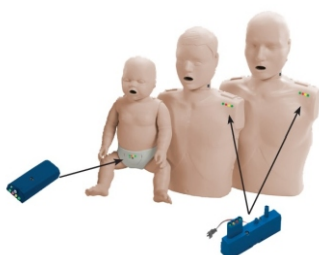
## Prestan Professional Infant CPR Training Manikin Medium Skin Model No. PP-IM-100M-MS



The PRESTAN Professional Infant Manikin life-like features and weight allows for realistic infant CPR training. Sculpted body contours and realistic skin feel help prepare students for real life rescues. A head that simulates the way an actual infant's head would move. Face/head tilt enhances the CPR learning experience and teaches students how to open the airway during CPR. Equipped with the same CPR feedback features as the Professional Adult and Child Manikins.

Sleep Mode/No Power	○ ○ ○ ○
1 <sup>st</sup> Full Compression (Wake mode/LED Test Mode)	● ● ● ●
CPM* < 60	● ● ○ ○
CPM* 60 – 79	○ ○ ● ○
CPM* 80 – 99	● ● ○ ○
CPM* 100 – 120	● ● ● ●
CPM* > 120	● ● ● ●
Compressions Stopped	● ● ○ ○

\*CPM = Compressions per minute  
● = Flashing



Fully compliant with current industry guidelines, including the most recent AHA Integrated Feedback Directive.



# Child Airway Management Trainer with Stand

Model No. LF03609 Sh. wt. 17 lbs.



- Simulated head of a 5-year-old child featuring realistic size and anatomy
- Perfect for practicing airway management skills on pediatric patients
- Realistic anatomy includes mouth, tongue, oral pharynx, larynx, epiglottis, vocal cords, trachea, and esophagus
- Separate lungs for auscultation
- Manual carotid pulse
- Inflatable stomach to indicate esophageal insufflation
- Practice suctioning as well as oral, nasal, and intubation techniques
- Includes lungs, stomach, pump spray lubricant, instruction manual, and hard carry case
- 5-year warranty





# Infant Airway Management Trainer with Stand

Model No. LF03623 Sh. wt. 16 lbs.



- Features realistic size and anatomy and is perfect for practicing airway management skills on an infant
- Includes head mounted on sturdy stand, lungs, stomach, pump spray lubricant, instruction manual, and hard carry case
- 5-year warranty

## Sani Baby

Model No. 100-2121



The economical Sani CPR manikins feature easy installation of a single-use airway/face shield system. Visible anatomical landmarks include the sternum and the rib cage, plus substernal notch.

The manikins also simulate the realistic head tilt and chin lift necessary for opening the airway. A chest rise demonstrates a successful rescue breath. The student can change the airway/face shield system very quickly.

The use of the disposable, economical airway/face shield avoids cross-contamination and does not require cleaning, disinfecting, or disassembly! Carry bag not included.

Latex free.

Size: 26" x 8" x 8".

Ship weight 4 lbs.



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# Full Body Mannequin





# Full-Body CPR Manikin

Model No.100-2700 Sh. wt. 51 lbs.



- Features lifelike positioning, a carotid pulse, and anatomical landmarks that include the sternum, rib cage, and substernal notch
- Rescue training is augmented with the Rescue Head that can be interchanged with the CPR/rescue-breathing head
- Optional IV arm gives you an added dimension
- Includes 5 mouthpieces and 5 airway systems with lungs
- Order "with electronics" and receive an exterior console box that indicates proper hand position, adequate chest compressions, and adequate air volume
- 3-year warranty

Consumables & replacement parts	Model No.
<b>Full-Body with Electronics</b> Sh. wt. 52 lbs.	<b>100-2725U</b>
<b>Lower IV Arm with Hand</b> • Comes with reservoir bags, carrying tray, and simulated blood powder Procedure needle not included • 3-year warranty Sh. wt. 3.50 lbs.	<b>150-1374U</b>
<b>Trauma Moulage Kit</b> Sh. wt. 9 lbs.	<b>800-6701U</b>
<b>Transport Rescue Head</b> Sh. wt. 5 lbs.	<b>100-2704U</b>
<b>Mouth/Nosepieces</b> Pkg. of 10. Sh. wt. 2.25 lbs.	<b>100-2023U</b>
<b>Airway System with Lungs</b> Pkg. of 10. Sh. wt. 4 lbs.	<b>100-2507U</b>
<b>Ball Valve Assembly</b> For Full-Body CPR Manikin. Sh. wt. 0.31 lbs.	<b>100-2701U</b>
<b>Replacement Lungs</b> Pkg. of 20. Sh. wt. 3 lbs.	<b>100-2030U</b>
<b>Replacement Veins</b> Sh. wt. 1.50 lbs.	<b>150-1382U</b>
<b>Replacement Skin</b> Sh. wt. 1.50 lbs.	<b>150-1381U</b>
<b>Carry Bag</b> Sh. wt. 4 lbs.	<b>150-1373U</b>



# Simple Simon® - Light

Model No. SB23541(L) Sh. wt. 34 lbs.



- Simulate a number of exercises from transverse colostomy management to tracheotomy, from intramuscular injection to ophthalmological treatment
- Joints are strong and movements lifelike, even to the extent of permitting pronation and supination of the forearm
- Comes without internal tanks
- Genitals are not interchangeable

## The manikin offers these additional features:

- Articulating head, jaw, elbows, wrists, ankles, and knees
- Bathing and bandaging
- Enema administration
- Eyes open and close
- Instruction manual
- Intramuscular injection
- Nasal and oral tube placement
- NG and OG tube feeding and gastric suction
- Opening for gastrostomy
- Ophthalmic exercises
- Catheterization exercises
- Otic drops and irrigation
- Soft, realistic face skin, hands, feet, fingers, and toes
- Wig for hair care exercises
- Tracheotomy placement
- Transverse colostomy, ileostomy, and suprapubic stomas to practice irrigation
- Upper and lower dentures for oral hygiene
- Meets OBRA requirements





# Simple Susie® - Light

Model No. SB23540 L



- Simulate a number of exercises from transverse colostomy management to tracheotomy, from intramuscular injection to ophthalmological treatment
- Joints are strong and movements lifelike, even to the extent of permitting pronation and supination of the forearm
- Comes without internal tanks
- Genitals are not interchangeable

## The manikin offers these additional features:

- Articulating head, jaw, elbows, wrists, ankles, and knees
- Bathing and bandaging
- Enema administration
- Eyes open and close
- Instruction manual
- Intramuscular injection
- Nasal and oral tube placement
- NG and OG tube feeding and gastric suction
- Opening for gastrostomy
- Carry bag
- Ophthalmic exercises
- Catheterization exercises
- Otic drops and irrigation
- Soft, realistic face skin, hands, feet, fingers, and toes
- Wig for hair care exercises
- Tracheotomy placement
- Transverse colostomy, ileostomy, and suprapubic stomas to practice irrigation
- Upper and lower dentures for oral hygiene
- Vaginal douching and Pap smear exercise
- Meets OBRA requirements





# Deluxe Plus CRiSis™ Adult ACLS Manikin

Model No. LF03890 Sh. wt. 88 lbs.



## Airway Management

- Compatible airway management devices include E.T., E.O.A., E.T.L., L.M.A., E.G.T.A., Combitube®, and King Systems
- Cricoid cartilage allows for practice of Sellick maneuver
- Oral, nasal, and digital intubation
- Palpable carotid pulse (manual)
- Realistic anatomical features
- Separate left and right lungs for auscultation
- Suctioning capabilities

## IV Arm

- Articulated at the biceps for antecubital and dorsal access
- Bony landmark at shoulder to identify muscle tissue for intramuscular injections
- Realistic flashback from a pressurized system
- Replaceable skin and veins
- 5-year warranty

## Blood Pressure Arm

- Auscultatory gap
- 5 Korotkoff phases
- Systolic and diastolic levels, heart rate, and sound volume
- Radial pulse
- Use with an optional external speaker system to broadcast sounds to the entire classroom.

## Defibrillation Chest

- Compatible with all standard brands and types of defibrillators, monitors, and patient simulators
- Internal load box absorbs full strength of every shock — designed to handle up to maximum recommended 360 Joules
- Manual, semiautomatic, and automatic defibrillation
- Monitor manikin like a real patient at 4 ECG sites and 2 defibrillation sites

## CPR

- Fully articulated head, neck, and jaw
- Jaw thrust
- Palpable and visual landmarks
- Compressible chest





## Life/form® Advanced "Airway Larry" Trainer Head

Model No. LF03684 Sh. wt. 7 lbs.



The Life/form® Advanced "Airway Larry" Airway Management Trainer offers tongue swelling and laryngospasm in addition to all the features on the standard models.

This Life/form® airway management trainer simulates a nonanesthetized patient for practicing intubation, ventilation, and suction techniques.

### Features:

- Realistic anatomy and landmarks include teeth, tongue, oral and nasal pharynx, larynx, epiglottis, arytenoids, false cords, true vocal cords, trachea, lungs, and esophagus.
- Allows individuals to practice oral, digital, and nasal intubation, as well as E.T., E.O.A., P.T.L., L.M.A., E.G.T.A., Combitube®, and KING System insertion
- Applying pressure to the cricoid cartilage changes the position of the trachea and closes the esophagus, allowing realistic practice of the Sellick maneuver
- Also allows individuals to practice suction techniques and proper cuff inflations

With its slightly anterior position, swelling tongue, and vocal cords, the Advanced "Airway Larry" is a great trainer for introductory as well as advanced training. Features durable, rugged, one-piece construction and bifurcated lungs.

Can be attached to the Life/form® CPARLENE® CPR manikin or Life/form® Adult CRiSis™ Manikins.

Comes with pump spray lubricant.

Five-year warranty.

# Optional Addition to Deluxe Plus CRiSis™ Adult ACLS Manikin



## Life/form® Additional Auscultation Smartscope™

Model No. LF01144 Sh. wt. 1.75 lbs.

For use with Life/form® auscultation simulators. The remote control does not have to be pointed at the manikin or stethoscope to operate. One remote control will operate multiple sets of Smartscope™ and manikins simultaneously. Great for group instruction. Range on the unit is up to 100 feet of remote access.



## Additional Remote Control for the Auscultation Trainer

Model No. LF01148 Sh. wt. 0.56 lbs.



For use with Life/form® Auscultation Trainer and Smartscope™, (LF01142), and Life/form® Auscultation Trainer and Smartscope™ and Amplifier/Speaker System (LF01172).



## CPR Metrix Control Box and iPad

Model No. LF03406 Sh. wt. 6.5 lbs.

High-tech solution for CPR training and documentation.

### Features:

- Graphical interfaces and audio feedback are easy for students to use and follow
- Solid documentation lets you easily track each student's performance
- Debriefing tools help with documentation and support training
- Detailed reports can be saved in PDF format



## Life/form® Interactive ECG Simulator

Model No. LF03670 A Sh. wt. 3 lbs.

- Defibrillation shock can be delivered through manikin or simulator
- Connect defibrillator/external pacer to simulator using adapters
- Built-in circuitry allows you to defibrillate and pace directly into the ECG simulator and observe ECG rhythms through the PADS connector
- Convert feature
- Select another rhythm to run immediately after defib discharge
- Pacing can be done on any manufacturer's defibrillator
- 17 Adult/Pediatric Rhythms
- 6 Waveforms
- Battery saver feature powers-off simulator automatically when not in use







# Smart Stat Basic

Model No. 101-8002



**More advanced and simpler to use than other high-fidelity simulators in the same price range**

Portable, flexible, and rugged iPad® system offers the opportunity for a wide range of simulation training exercises across many medical disciplines, including:

- Disaster response
- Emergency medical response team
- Military battlefield
- Nursing school
- Physician
- University teaching hospital
- Paramedic
- Hospital and clinic training programs
- Nurse safety
- Wireless, tetherless patient simulator operates via iPad® Wi-Fi® technology and utilizes simplified product control screens for ease of operations
- No programming experience or high-cost training required
- Unit can be operated within 5 minutes of exploring the iPad® screens iPad® allows recording of students' attempts at assessment and treatment of the patient simulator's physiological presentation
- Pull up any one of many scenarios for teaching and challenging students' abilities, and testing knowledge, proficiency, and critical-thinking skills
- Easily transfer records via PDF document to a PC for storing, printing, and using
- Durable simulator can be used indoors and outdoors in many environments
- Battery-operated simulator can be connected by wire to a local power source (110V or 220V AC versions) when doing clinical lab time where movement of the simulator is not necessary
- Simulator is 6 ft. (189 cm) tall with 46 in. (116 cm) chest, 32 in. (81 cm) inseam, 40 in. (101 cm) waist, 26 in. (66 cm) head circumference, and 18½ in. (47 cm) neck
- 1-year warranty (extended 2-year warranty available at time of purchase)


**NOTE:** Defibrillation with hands-free pad technology requires the use of a training cable furnished free; the item number depends upon defibrillation unit manufacturer and must be identified for inclusion in the shipment. Chest post adapters, also furnished with the patient simulator, are used in conjunction with the training cable.



**Affordable patient simulator takes ALS training into the students' environment. Instructors can evaluate student knowledge, skill levels, and critical thinking abilities by utilizing the applications via the iPad®**

# Smart Stat Basic

Model No. 101-8002

 Simulaids Key Features	SMART STAT with iPad**	SMART STAT Basic with iPad**
<b>Product Numbers</b>	<b>101-8000U / 101-8001U</b>	<b>101-8002U</b>
Blood Pressure	Yes	Yes
Cardiac Rhythms	51 variations	51 variations
External vitals monitor for students	Yes	Yes
Lung Sound Sites	Yes – 6 anterior, 4 posterior	Yes – 6 anterior
Cardiac Sound Sites	Yes – 4	Yes – 4
Airway Management: Oral/Nasal	Yes	Yes
Stomach Rise/Auscultation Related to Airway Placement	Yes	Yes
Right Main Stem Intubation	Yes	Yes
Cricothyrotomy	Needle	Needle
Tracheotomy Care/Suctioning	Non-Surgical	Non-Surgical
Positive Ventilation	Yes	Yes
Sellick Maneuver	Yes	Yes
ETCO Flushing	Yes	No
Cyanosis/CO flushing	Both, on Lips/Fingers	No
Pulse Ox reading	Yes	No
Jaw thrust to clear airway	Yes	Yes
Breakaway Teeth	Yes	Yes
Spontaneous chest rise	Yes	Yes
ALS functions with cardioversion	Yes	Yes
Chest-Decompression/Drains/ Pericardiocentesis	Yes	Yes
Reactive Eyes	Yes	No
Convulsions/Seizures	Focal Seizures	No
CPR landmarks	Yes	Yes
Closed Chest Compressions	Yes	Yes
Anterior Pacing	Yes	Yes
ECG Leads	5 (optional 12 lead overlay)	5 (optional 12 lead overlay)
IV Access & IM	Yes	Yes
Phlebotomy and Arterial Access	Yes	No
I/O Access	FAST, Optional Leg & Humerus	Optional Leg & Humerus
Pulse Points	Yes – 12, reactive to BP	Yes – 12, reactive to BP
Edema: Tongue, Larynx	Yes	Yes
Fluid Management	Internal	external
Facial Fluids	3	0
Urinary Fluids/Catheterization	Yes	No
Bowel Sounds	Yes	No
Instructor Control Unit - Full Body Adult Simulation	Yes	Yes
Scenarios that can be altered during simulation	Yes, comes with three. Special focus sets available	Yes, comes with three. Special focus sets available
Trauma management	Optional torso overlay with packable wound, Trauma leg and arm	Optional torso overlay with packable wound, Trauma leg and arm – external fluids
Use with training meds	Yes-Able to add to scenario list, not auto-recognized	Yes-Able to add to scenario list, not auto-recognized
Ultrasound	Optional VausSim™ FAST ultrasound system – torso	Optional VausSim™ FAST ultrasound system – torso
Microphone Speech option	Wireless one way, Pre-Programmed	Wireless one way, Pre-Programmed
Simulator Controller	iPad**	iPad**
Wireless Control	Yes	Yes
Debriefing Support	Part of iPad** App	Part of iPad** App
Carrying System	Hard case with wheels	Hard case with wheels
Free video conference-based training	Scheduled as needed with client	Scheduled as needed with client

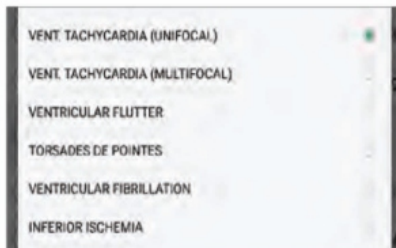


# BLS (BASIC LIFE SUPPORT) AND ALS (ADVANCE LIFE SUPPORT)

HAL® S315.600 CPR+D Skills Trainer with  
OMNI®2 full-body option  
Model No. : S315.600.250.705 (Gaumard, USA.)

## Easy-to-use, durable, & portable hands-on BLS training.

Whether for outreach or professional development, the new HAL® S315.600 is a great addition to every BLS algorithm training curriculum. Practice assessing breathing, performing quality CPR, delivering a shock, and recognizing the return of spontaneous circulation. HAL is the portable, all-in-one training solution for every basic life support training need.



Illustrate shockable and non-shockable ECG with 20+ rhythms



Perform nasal and oral intubation with standard, real adjuncts



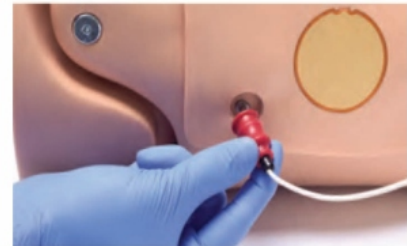
Visualize realistic chest rise with BVM ventilation



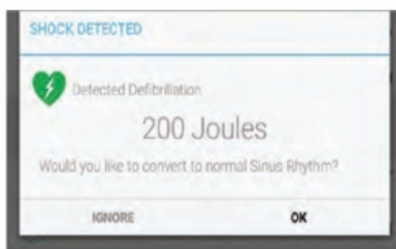
Identify proper chest rise and pulses without add-on items



Monitor and cardiovert rhythms using a real AED/defibrillator



Defibrillate directly on patches or pad-free posts numerous times



Receive immediate feedback on your actions and select the responses



Check for return of spontaneous circulation



Automatically detect and record events for easy debriefing





# BLS (BASIC LIFE SUPPORT) AND ALS (ADVANCE LIFE SUPPORT)

Model No. : S315.600.250.705

**HAL® S315.600 CPR+D Skills Trainer with OMNI®2 full-body option**

## Features

### Airway and breathing

- Spontaneous breathing (Automatic)
- Practice nasal and oral intubation with realistic tongue, vocal cords, epiglottis, and trachea
- Supports ETT, supraglottic airway device, i-gel®, King LT™, and more
- Illustrate head tilt/chin lift and jaw thrust
- Gastric distension with esophageal intubation and/or excessive ventilation
- Right mainstem intubation presents unilateral chest rise
- Visible chest rise with bagvalve-mask ventilation
- Ventilation detection sensors

### Circulation

- Anatomically correct landmarks for proper CPR hand placement
- Realistic chest cavity; resistance and recoil
- Chest compression depth sensor
- Real-time CPR feedback
- Effective chest compressions generate palpable carotid pulses
- Monitor and cardiovert rhythms using a real AED/defibrillator
- Illustrate 20+ shockable and nonshockable ECG rhythms
- Deliver up to 360 Joules of real energy to skin patches or snap connectors
- Palpable carotid pulses with variable rate synchronized with ECG
- Available with 4-lead ECG site option to support real-time ECG monitoring using real equipment2. (S315.600.250.PK1)

### Neurological

- Normal, miosis (constricted), and mydriasis (blown) pupil states
- Independent left/right pupil states simulate consensual and nonconsensual response

### Performance monitoring

- Real-time CPR quality feedback
  - » Compression depth and rate
  - » Ventilation rate
  - » Excessive ventilation
  - » No-flow time
  - » CPR cycles
- CPR metronome: audible tones help guide correct compression and ventilation rate and ratio
- Compliant with current adult resuscitation guidelines
- Built-in resuscitation algorithm checklists for tracking individual and team actions

### OMNI®2 features

- Built-in wireless connectivity with a range up to 30 ft.1
- OMNI2 wireless touchscreen tablet
- Optimized vital sign controls for on-the-fly operation
- Built-in library with 20+ cardiac rhythms and options
- Compatibility with optional virtual vital signs to display 10+ parameters for delivering post-cardiac arrest care
- Alternate virtual shock function capability
- Session log records provider actions, vital signs, CPR metrics, and comments

### Debriefing tools

- eCPR™ performance report provides averages for each CPR metric and cycle
- Save, email, and print CPR performance reports for debriefing and archiving



**HAL® S315.600 CPR+D Skills Trainer with OMNI®2**  
S315.600.250.PK

HAL S315.600 Skills Trainer, OMNI2 Controller, carrying case, user manual, and power supply



**HAL® S315.600 CPR+D and ECG Skills Trainer with OMNI®2**

S315.600.250.PK1

HAL S315.600 Skills Trainer with 4-lead ECG sites, OMNI2 Controller, carrying case, user manual, and power supply



**HAL® S315.600 CPR+D Skills Trainer with OMNI®2 full-body option**

S315.600.250.705

Enhance skills training and run scenario-based exercises with the full-body configuration.

**Gaumard Vitals™ Portable Virtual Monitor**

30081003A

Portable Gaumard Vitals virtual patient monitor. Simulates 20+ dynamic numerical parameters and waveforms. Customizable interface.



**Modified defib cables**

Philips® - 30080373B

Physio LIFEPAK® - 30080375B

Zoll® - 30080374B





# SKILLQUBE qubeZERO

Model No. : SQqubeZeroEX

qubeZERO is a generic version of a patient monitoring device.

qubeSERIES monitoring simulation system for your patient monitor/defibrillators.



## Key Features:

- Full functional ECG-monitor interface
- CPR-mode, defibrillation, pacemaker
- Checklists and standard procedures for documentation
- Seamless integration with qubeAV mobile debriefing system
- Browser-based scenario editor, image, and video library
- Control of vital parameters by instructor
- Auscultation functionality, blood glucometer, thermometer with an assessment app



## Product components:

- 1 software license for a monitor/device
- Hardware (frame, carry case, cables)
- Sensors: CPR feedback

Not included/must purchase the following separately:

iPad Pro 12.9" (5th Generation 2021, 128GB min)  
 iPad 10.2" (9th Generation 2021, 64GB min)  
 iPod 4" (7th Generation 2019, 32GB min)  
 Dimensions: 24" x 15.75" x 11.5".

Sh. wt. 11.57 lbs without Apple hardware.



# Trauma Mannequin





# Trauma Manikin Moulage Kit

Model No. 800-6701 Ship weight 9 lbs.



Size 13" x 13" x 12". Ship weight 9 lbs.

Can be used with any Rescue manikin, the WMD/CBRNE/DECON Full-Body Trainer (101-088FBU), or the Trauma CPR Manikin (100-2700U), (100-2725U). Application of these realistic bleeding moulages to a full-body manikin facilitates quick identification, diagnosis, and dressing of wounds by trainees. Kit includes compound fractures, contusions, lacerations, evisceration, sucking chest wound, impalement, crushed foot, jaw wound, and projectile entry and exit of arm. These bleeding wounds strap on and are complete with pump assembly. Simulated blood is included. Non-bleeding strap-on wounds include 2nd and 3rd degree burns of the chest, back, forearm, and face. Manikin sold separately.

**The kit contains a big variety of bleeding and non-bleeding wounds. A perfect kit to be added to a manikin.**

Bleeding wounds (complete with reservoir bags with pump assembly):

- 1 sucking wound of chest
- 1 laceration of the forearm
- 1 broken clavicle with seat belt contusion
- 1 projectile entry & exit of arm
- 1 impalement of lower leg
- 1 crushed foot
- 1 jaw wound (manikin use only)
- 1 laceration of the forehead (manikin use only)
- 1 compound fracture of humerus
- 1 compound fracture of femur
- 1 compound fracture of tibia
- 1 abdominal wound with protruding intestines
- 1 pkg. blood powder for 4.5 litre simulated blood

Non-bleeding wounds:

- 2nd & 3rd degree burn of the chest
- 2nd & 3rd degree burn of the back
- 2nd & 3rd degree burn of the hand
- 2nd & 3rd degree burn of the forearm
- 1 burn of face (manikin use only)





# EMT Casualty Simulation Kit

Model No. 800-818 Ship weight 33 lbs.



The EMT Kit kit has the largest variety of strap-on wounds for ease in getting the most impact with the least skill used during incident training preparation. Additional stick-on wounds and makeup accessories that allow for more detailed enhancement round out this kit.

## Contents:

Bleeding strap-on wounds complete with reservoir bags with pump assembly

- 1 jaw wound (#6807)
- 1 abdominal wound with protruding intestines (#6808)
- 2 compound fractures of humerus, upper arm (#6816 each)
- 2 compound fractures of femur, upper leg (#6819 each)
- 1 laceration of forehead (#6725)
- 1 leg amputation (#6760)
- 2 compound fractures of tibia, lower leg (#6761 each)
- 2 gunshot wounds of palm (#6881 each)

Non-Bleeding Simulated Wounds:

- 1 phosphorous burn of hand (#6801)
- 1 sucking wound of chest (#6713)
- 1 face in shock (#6882)
- 1st, 2nd & 3rd degree burn of face (#6828)
- 1st, 2nd & 3rd degree burn of chest (#6724)
- 1st, 2nd & 3rd degree burn of back (#6773)
- 1st, 2nd & 3rd degree burn of hand (#6799)
- 1st, 2nd & 3rd degree burn of forearm (#6802)
- 36 assorted stick-on lacerations & open fracture wounds (reorder #219, 1 doz.)

Makeup Accessories:

- 1 body adhesive for stick-on wounds (#PP2159)
- 2 casualty simulation wax (#223, 1 container)
- 3 bottles coagulant makeup blood (#226, 1 bottle)
- 5 pkgs. powder to make 5 gallons simulated blood (#225, 1 pkg.)
- 1 pkg. of methyl cellulose for blood thickening (#228)
- 1 ea. grease paint colors: white (#220), blue (#222), brown (#221), and red (#218)
- 2 pkg. broken Plexiglas® for simulating glass embedded wound (#230, 1 pkg.)
- 1 container cold cream (#851)
- 2 atomizer mist sprayers (#839 ea.)
- 1 ea. Plastalene Modeling Paste, white (#856)
- 1 ea. Plastalene Modeling Paste, dark (#855)
- 6 tongue depressors (reorder #842, pk. of 100)
- 1 tissue (#844)
- 1 fake dirt (#233)
- 1 charcoal (#854)
- 1 petroleum jelly (#239)
- 1 mirror (#838)
- 2 spatulas (reorder #835, pkg. of 6)

Size: 24" x 9" x 20".

semtrainersvalsad@gmail.com



www.semtrainers.com



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# SECTRA Virtual Dissection Table



# Virtual Dissection Table

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ई-मेल/E-mail: [secy-mci@nic.in](mailto:secy-mci@nic.in)

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फेस - १, नई दिल्ली - 110077  
Pocket-14, Sector-8, Dwarka  
Phase -1, New Delhi - 110077

राष्ट्रीय आयुर्विज्ञान आयोग  
National Medical Commission  
Undergraduate Medical Education Board

## Public Notice

In accordance with section 57(1) and section 24(1) of the National Medical Commission Act, 2019 the following regulations namely (i) "Minimum Requirements for Annual MBBS admissions regulations, 2020" and (ii) "Amendment to establishment of Medical College Regulations" framed by the National Medical Commission is being in placed in public domain for comments.

The comments, if any, should be submitted to the Secretary, National Medical Commission by e-mail at [secy-mci@nic.in](mailto:secy-mci@nic.in) on or before 5.00 PM on 19.10.2020.

Date: 13.10.2020

*Vats*  
13/10/20  
Dr. R.K. Vats  
Secretary

semtrainersvalsad@gmail.com

www.semtrainers.com



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# Virtual Dissection Table

legislations.

## A.1.18. Child Care Centre

A Child Care Center shall be established in the medical college with adequate facilities for taking care of the infants and the children of staff of the medical college and/or teaching hospital.

## A.2. DEPARTMENT SPECIFIC REQUIREMENTS

The additional specific requirements of each department, if any, shall be provided as described in the following sections:

### A.2.1. Department of Anatomy

- i) **Dissection Hall** – There shall be a dissection hall to accommodate 50% of annual student intake (area of at least 4.20 sq.M/student shall be provided which shall be sufficient for ante-room for students with lockers, wash basins. embalming room, space for storage tanks and cold storage room or cooling cabinets with space sufficient for at least 1 body/10 student annual intake). It shall be well lit, well-ventilated with exhaust fans and preferably centrally air-conditioned. There shall be adequate teaching aids in the hall.

*Desirable: 3D Virtual Anatomy Dissection Table.*

### A.2.2. Department of Pathology

- i) There shall be a separate service laboratory each for histopathology, cytopathology, Hematology and other specialized work of the hospital which shall be suitably equipped
- ii) These service labs shall have adequate storage space for stores and equipment.
- iii) There shall also be a wash room with continuous water supply.
- iv) These service laboratories can be located in either the medical college, teaching hospital or both.

### A.2.3. Department of Microbiology

- i) There shall be a separate service laboratory each for (a) Bacteriology including anaerobic bacteria; (b) Serology; (c) Virology; (d) Parasitology; (e) Mycology; (f) Tuberculosis; and (g) immunology.
- ii) The service laboratories shall have adequate storage space for stores and equipment
- iii) There shall be separate accommodation for media preparation and storage, autoclaving, and washing with regular and continuous water supply.
- iv) These service laboratories can be located in either the medical college, teaching hospital or both.
- v) The Virology Service Laboratory shall be a BSL-2 level laboratory. The laboratory shall include the following areas:-
  - a. Sample receiving area





# SECTRA Virtual Dissection Table

Model No. : F-18

SECTRA is one of the world's leading providers of IT systems for managing medical images and patient information with more than 1,800 installations worldwide.

The Education Portal builds on this global network and gives teachers and students a powerful tool for interactive, problem-based learning. The extensive library of real patient cases and the complete human anatomy atlas can be accessed from any touch device. Empower clinical thinking and collaboration through anatomy, radiology, pathology, histology and embryology modules.



## Problem Based Learning:

Enable students to transfer foundational concepts into clinical medicine with complete patient cases (fully anonymized rare and common pathologies). Integrated radiology and histology images with diagnostic quality.

## Unprecedented image quality:

High resolution and full screen histology images with full range of capabilities (cell counting, zoom with different staining, measurements, layer focus, and more). You can also add realistic effects like light and shadows in the 3D reconstruction for additional visual clues.

## Lightning fast:

Data is stored in the cloud enabling extremely fast access to files, quick response times, and real time synchronization. No more downtime in the classroom waiting for images to load. Access anywhere: SECTRA Education Portal works anywhere and on any device. It is a cloud-based system built on the powerful and globally established PACS radiology software. It is FDA and CE certified and includes automatic software updates.

## Global collaboration:

Upload any DICOM data (automatic anonymization) to securely share it with the global network or keep it in your private data space. Store and review clinical case, add your own annotations (in 2D and 3D), prepare classroom and exam files, and bookmark your current case.

## Access anywhere:

SECTRA Education Portal works anywhere and on any device. It is a cloud-based system built on the powerful and globally established PACS radiology software. It is FDA and CE certified and includes automatic software updates.







# SECTRA Virtual Dissection Table

Model No. : F-18

## Teacher and student licenses:

- Easy bi-directional way to share cases, generate URLs with a click of a button
- Students have access from any touch device to study the cases
- Teacher have access from any device and can prepare cases from the SECTRAPACS software
- Students can follow the teacher's screen on their device while the presentation is synchronized in real time. They can also request control of the screen to share their questions and answers



## Unique Content:

- 4D videos of CT
- Histology
- Complicated cases
- Veterinary cases
- Integrated cases (pathology + US + photo + RX + MMG)
- Comparison cases
- New imaging technique cases (7Tesla MR)

## Curriculum

- Anatomy Pathways
- Virtual Edge
- Cadaver Dissection Guide
- Surface Palpation Guide
- The Anatomy of clinical procedures
- Radiology library related to 3D anatomy
- Muscle Tables
- WELLS Center Clinical Skills

## Optional: 3D Trauma Tool for Orthopedic Surgery Planning and Debrief

The planning system offers a set of tools aimed at clinical training and pre-operative planning of trauma cases. These tools allow users to interactively evaluate and discuss different cases and strategies, making the table ideal for surgical training.

**Hide:** Hide anatomical structures irrelevant to the damaged area that may obscure the trauma site

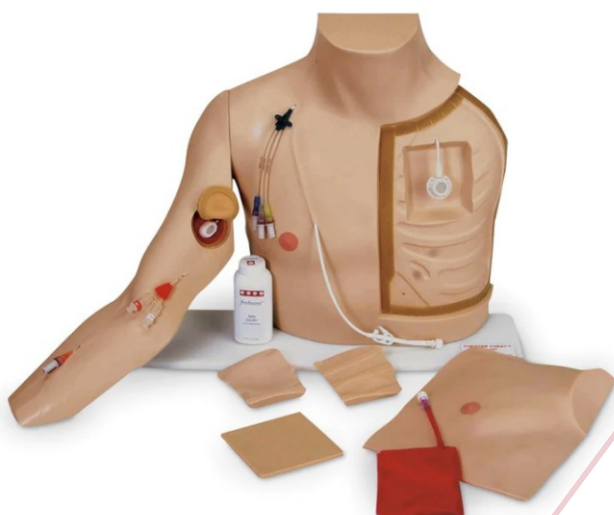
**Reposition:** Align fragments automatically by placing landmarks

**Explode:** Separate fragments in order to study them separately

**Template:** Import 3D templates from CAD drawings

**Distances:** Measure distances in 3D space

# Manikins for Department of Pharmacology



	arm with articulation, LED lights that are color and intensity, Dedicated USB ports for camera control and data transfer adjustable, Integrated pathology camera system, Instrument Set (High quality) Height Adjustable Stainless Steel Chairs With Split AC of appropriate capacity.	1
29.	Fully Automated Immuno-histo-chemistry Setup with Continuous supply of Important Antibodies, Lymphoma Panel etc.	1
(C)	<b>Hematology Lab:</b>	
30.	Five part Fully Automated Cell Counter	1
31.	Three Part Fully Automated Cell Counter	1
32.	Coagulometer (Fully automated)	1

## 5. PHARMACOLOGY

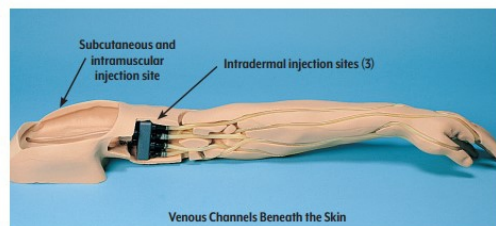
S.No.	NAME OF THE ITEMS	No. Required
(A)	<b>Clinical Pharmacy</b>	
1	Special Drug Delivery systems like Metered Dose Inhalers, Spacers, Rotahalers, Nasal sprays, Transdermal patches, Insulin infusion pumps (optional), Insulin pen etc.	10 sets
2	Samples of dosage formulations of various types including rational and irrational FDC, Essential medicines	10 sets
3	Manikins for demonstration of intravenous injection, enema, local, intramuscular injections, intracardiac injection and other routes of drug administration	10 sets
(B)	<b>Computer Assisted Learning Laboratory</b>	
4	Must have computers with standard configuration and connected to the internet, (Preferably broadband) along with an AV aids (Multimedia Projector and Screen). The PC should be installed with CAL programmes and other software for teaching experimental pharmacology. The students must have access to the National Essential Drug Lists, Standard Treatment Guidelines, Banned Drugs List of the CDSCO, PVPI, WHO, Price Controlled Drugs List, Antibiotic Guidelines, Hospital formulary, adverse drug reactions, and other resource material which the student can use for learning the principles of rational prescribing.	25 computers





# Advanced Venipuncture and Injection Arm

Model No. : LF01121U Each. Sh. wt. 20 lbs.



This revolutionary training arm provides complete venous access for IV therapy, phlebotomy, intramuscular and intradermal injections. An extensive 8-line vascular system allows students to practice venipuncture at all primary and secondary locations, including starting IVs and introducing Over the Needle IV Catheters.

Soft, flexible fingers are molded separately with extreme attention paid to every detail - right down to the fingerprints! Flexion of the wrist helps students develop manipulation skills. The replaceable skin rolls as the veins are palpated, and a discernible "pop" is felt when entering the veins.

## Key Features

- Simplified setup with one external fluid bag supplying artificial blood to all veins simultaneously
- Dorsal surface of hand includes injectable metacarpal, digital, and thumb veins. Antecubital fossa includes the median cephalic, median basilic, and median cubital veins
- Venipuncture can also be performed along the basilic, cephalic, accessory cephalic, and median antebrachial veins
- Intramuscular injections may be performed in the deltoid muscle and intradermal injection sites are located in the upper arm.
- Intramuscular injections into the deltoid muscle are enhanced by the soft, lifelike skin and by the natural bony landmarks in the region.
- Intradermal injections using distilled water will create characteristic skin welts at designated sites on the upper arm

## Complete Venous Access:

- Basilic V.
- Cephalic V.
- Digital V.
- Dorsal Metacarpal V.
- Median Basilic V.
- Accessory Cephalic V.
- Extensive Venipuncture System
- Flexible Fingers and Wrist
- Intradermal Injections
- Intramuscular Injections
- Median Antebrachial V.
- Median Cephalic V.
- Median Cubital V.
- Replaceable Skin and Veins
- Thumb V.
- Five-year warranty.

## Consumables & replacement parts Model No.

Replacement External Tubing Sh. wt. 0.25 lbs. LF00990U



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# Geriatric IV Training Arm

Model No. : 140-610 Sh. wt. 16 lbs.



Developed from a live cast, this arm is unique to the industry. Its properties include veins that roll away or disappear as you attempt to catheterize the vessel and a specially developed skin that is exceptionally lifelike. Catheterization in this IV arm may be done either in the dorsal side of the hand or on the medial aspect of the forearm where you can palpate either a cephalic or basilic vein, including the antecubital fosse. If your students work with the aged, this adjunct to your teaching lab will enable them to better serve in the future. Comes with carry bag. Size: 35" x 13" x 9". Ship weight 16 lbs.

Consumables & replacement parts	Model No.
Geriatric Arm Replacement Skin & Veins Sh. wt. 2.75 lbs.	140-611U
Geriatric Arm Replacement Veins Sh. wt. 0.19 lbs.	140-612U



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# Pediatric Arm

Model No. : LF00958U Light

Sh. wt. 11 lbs.



- Exact reproduction of the arm of a 6-year-old child
- Practice venipuncture and intramuscular injection techniques and procedures used in young children
- Soft foam is used to simulate the deltoid muscle and allows the student to “get the feel” of administering intramuscular injections to children
- Simulated bone in the shoulder defines and limits the injection area
- Water may be used as an injection fluid in the shoulder area
- Includes a Life/form® arm, fluid supply bag, 3 cc syringe, 1 pint Life/form® blood, instruction manual, and hard carry case
- Fluid supply stand not included
- 5-year warranty
- Carton size: 22 in. x 11 in. x 6 in.

## Consumables & replacement parts Model No.

**Pediatric Arm Replacement Skin and Vein Kit** **LF00986U**  
Sh. wt. 1.50 lbs.

**Pediatric Arm Vein Replacements Only** **LF01056U**  
Sh. wt. 0.25 lbs.



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# Infant IV Arm

Model No. : LF03637U Sh. wt. 2.50 lbs.



Special, extremely thin, synthetic skin, and tubing with appropriately small lumen and thin walls

- Cephalic and basilic vein are accessible, as well as the dorsal venous arch on the hand
- Includes 2 IV bags with clamps, 1 pint blood, and winged infusion set
- 5-year warranty

Consumables & replacement parts	Model No.
<b>Infant IV Arm Replacement Skin and Veins</b> Sh. wt. 2.50 lbs.	LF03641U
<b>Blood</b> Quart. Sh. wt. 0.38 lbs. Gallon. Sh. wt. 0.88 lbs.	LF00845U LF00846U
<b>Fluid Supply Bag</b> 500 ml. Sh. wt. 0.31 lbs.	LF01130U
<b>Fluid Supply Stand • 5 in. x 8 in. base, 5/16 in. steel hooked rod</b> Sh. wt. 4 lbs.	LF01022U



# Paediatric Head

Model No. : LF00999 Sh. wt. 9.50 lbs.



The Life/form® Paediatric Head is an Invaluable tool for demonstrating and practicing infusions and injections in the temporal and jugular veins of a newborn to twelve-month-old infant.

Functional head is realistically modeled to represent a six-month-old infant.

This model provides realistic sensation and response. The lifelike vinyl skin actually rolls as you palpate to allow location of the vein. The synthetic rubber tubing for the veins was carefully selected to provide a lifelike simulation of vein size, and feeling of puncture and palpation for practicing venipuncture.

The temporal vein of the Life/form® Paediatric Head is easily accessible for IV infusions. Practice in the jugular vein is equally realistic. The neck is made of soft, flexible foam to provide a realistic feel of palpation and puncture.

Includes a Life/form® Head with skin and veins, fluid supply bag, two different gauge winged infusion needles, one pint Life/form® blood, teaching guide, and hard carry case. Fluid supply stand not included

Five-year warranty.

Carton size: 19 in. x 10 in. x 5 in.

Consumables & replacement parts	Model No.
<b>Pediatric Head Replacement Skin and Vein Kit</b> Sh. wt. 2 lbs.	<b>LF01003U</b>
<b>Pediatric Head Vein Replacements Only</b> Sh. wt. 0.25 lbs.	<b>LF01058U</b>

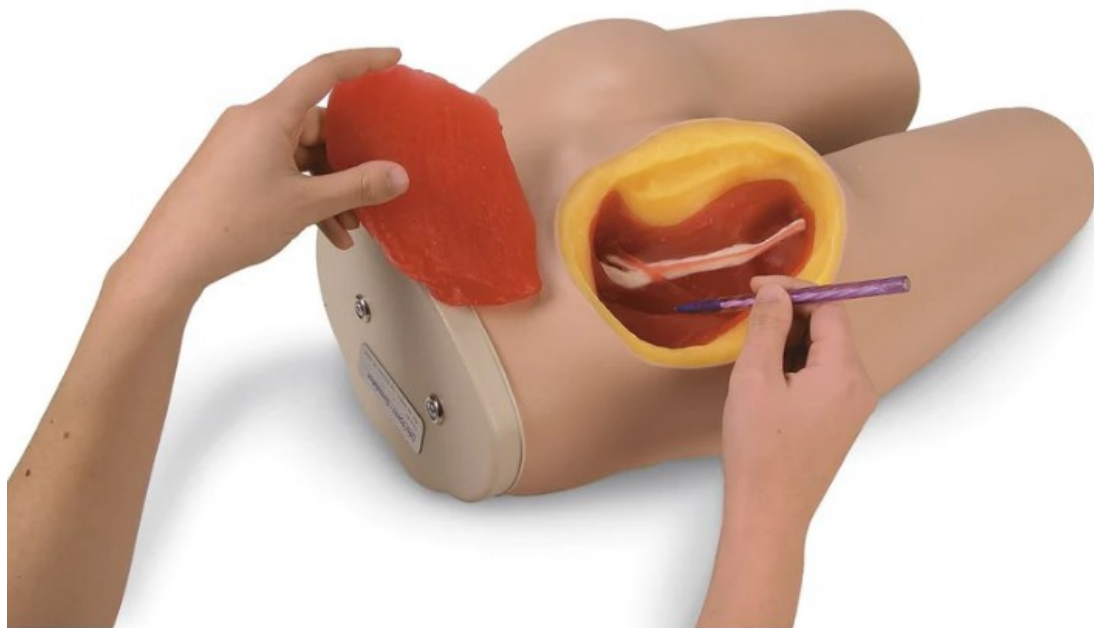






# Intramuscular Injection Simulator

Model No. : LF00961U Sh. wt. 18 lbs.



- Simulated bony structure is embedded in the torso and represents the superior end of the femur, or greater trochanter, the posterior superior and anterior superior iliac spines, and the sacrum
- Bony structure provides palpable anatomical landmarks to identify proper injection sites
- Section of the upper, outer quadrant of the left gluteal area is cut away to visualize the underlying structures
- Gluteus medius and gluteus maximus muscles, sciatic nerve, and vascular structures are clearly shown
- 3 types of intramuscular injections can be taught and practiced on this simulator: dorsogluteal, ventrogluteal, and vastus lateralis injections
- Extremely realistic skin and muscle textures, as well as bone shape and position, closely resemble a live patient
- Perforation of the tissue with a needle duplicates the sensation of administering an actual injection
- Includes instruction manual, supply of syringes, and hard carry case
- 5-year warranty

Consumables & replacement parts		Model No.
Replacement Muscle	Sh. wt. 0.50 lbs.	LF00963U





# SMASH Advanced Patient Training Arm - 110V Arm - Light

Model No. : SB50844 Sh. wt. 15 lbs.



- Provides both venous and arterial vascular access
- Delivers automatically generated arterial pulses at the radial and brachial sites and controls arterial blood flow by allowing variable heart rate and pulse strength
- Hemodialysis site on the forearm
- Intramuscular injection sites on the upper arm
- Subcutaneous injection sites on the volar forearm and lateral upper arm
- Suture and incision sites on both the upper arm and forearm
- Adjustable heart rate and pulse strength
- Healed fistula for hemodialysis exercises
- Cephalic (antecubital), basilic, radial, and ulnar veins as well as the radial and brachial arteries for infusion and blood draw
- Interchangeable arterial and venous insert for IV and blood draw exercises, AV anastomosis, and placement of AV grafts includes skin, subcutaneous tissue, muscle, radial artery, and radial vein
- Multilayer insert that includes the skin, subcutaneous tissue, and muscle allows incision and suturing exercises
- Rotating arm allowing dorsal and volar access along the length of the arm
- Varying vessel palpability to simulate collapsed or bulging vessels

Consumables & replacement parts	Model No.
<b>Arterial/Venous Insert</b> Sh. wt. 1.25 lbs.	SB50840(L)U
<b>Blood Dispensing Bag</b> Sh. wt. 1.25 lbs.	SB50841U
<b>Replacement Skin</b> Sh. wt. 2.25 lbs.	SB50842(L)U
<b>Replacement Veins</b> Sh. wt. 1.25 lbs.	SB50843U
<b>Fistula Insert</b> Sh. wt. 1.25 lbs.	SB50846U
<b>Incision and Suture Insert</b> Sh. wt. 1.25 lbs.	SB50847U



# Diabetic Injection Pad

Model No. : WA18238 Sh. wt. 0.63 lbs.



- May be worn on the body in specific locations (abdomen, thigh, upper arm) to allow patients to inject fluids into the pad to practice giving themselves injections
- Pad is thick enough to accept all insulin needles
- Has a 1 in. wide nylon strap with an adjustable plastic buckle
- The 6 1/4 in. L x 4 1/4 in. W x 3/4 in. D oval pad has a hard plastic backing to prevent the needle from poking through the pad and into the wearer's skin
- 5-year warranty

## Consumables & replacement parts Model No.

### Replacement Injection Pad

Sh. wt. 0.56 lbs.

WA18338U



# Injection Belly

Model No. : WA28395 Sh. wt. 0.63 lbs.



- Teach patients how to properly insert and rotate the infusion set for insulin pumps, avoiding the 2 in. (5 cm) area around the navel, as well as giving self-injections of many types including pen-style injections
- Lifelike skin with what feels like real stomach tissue underneath
- Soft plastic backing to keep needles from going through and holes to allow the material to breathe and dry
- Distilled water may be injected
- Actual insulin or other medications should not be used, as they may deteriorate the material
- Injection belly is considered disposable; however, with proper care and treatment it will serve its purpose for a long period of time
- Using the smallest needles possible when simulating injections and rotating the insertion points will help prolong the life of the trainer



# Intradermal Injection Simulator

Model No. : LF01008U Light Sh. wt. 2.25 lbs.



- Practice intradermal injections safely and conveniently with the Life/form® Intradermal Injection Simulator
- Unit consists of a casting molded from a real forearm from the wrist to just below the elbow
- Life/form® soft vinyl skin provides realistic feel and appearance to ensure a realistic training experience
- 8 sites for practicing intracutaneous injections
- If fluid is properly injected, a characteristic skin welt will form
- Welt is removed by withdrawing the fluid after practice
- Each site is reusable by dozens of students
- Includes arm section with 8 injection sites, 2-oz. bottle of liquid skin repair, syringe, instruction manual, and storage box
- Included intradermal sealant (LF01009U) will extend the life of skin; however, skin is not replaceable and the simulator will eventually need replacement
- 13 in. x 11 in. x 5 in.
- 5-year warranty

## Consumables & replacement parts Model No.

Intradermal Sealant 2-oz. bottle. Sh. wt. 0.25 lbs.

LF01009U





# Arterial Puncture Arm

Model No. : LF00995U Sh. wt. 17 lbs.



- Features the realism of appearance and performance necessary to provide realistic practice for trainees
- Easy to set up and use, this valuable training aid is ideal for practice and demonstration in drawing arterial blood samples for monitoring blood gases
- Identify puncture locations through palpation of the pulse at either the radial or brachial sites
- Realistic arterial pressure produces a realistic backflow of blood in the syringe, confirming proper needle location in the artery
- Periodic use of the tubing sealant provided will extend the life of each Skin/Artery Kit
- Arm has one artery tubing section installed
- Includes two 3 cc syringes with needles, fluid supply bag, 2 replacement sections of artery, 1 pint Life/form® arterial blood, tubing sealant, instruction manual, and soft carry case
- Fluid supply stand not included
- Cannot place arterial lines
- 28 in. x 13 in. x 5 in.
- 5-year warranty

Consumables & replacement parts	Model No.
<b>Skin Replacement Kit with 3 Artery Sections</b> Includes skin, 2 foam pads, lubricant, tubing with pulse bulb, 1 complete artery, 2 middle artery sections, and instruction manual Sh. wt. 2.25 lbs.	LF00998U
<b>Arterial Puncture Arm Artery Replacement Only</b> Includes 3 arteries and lubricant Sh. wt. 0.50 lbs.	LF01059U
<b>Arterial Blood Quart</b> Sh. wt. 0.38 lbs.	LF01004U
<b>Nasco Cleaner</b> Use to remove stubborn stains from simulators• 12-oz. bottle Sh. wt. 0.88 lbs.	LF09919U

Consumables & replacement parts	Model No.
<b>Arterial Puncture Arm Injection Replacement Pad</b> Sh. wt. 1.25 lbs.	LF00992U
<b>Tubing Sealant</b> Periodic use will extend the life of skin and arteries Sh. wt. 2 lbs.	LF01099U
<b>Fluid Supply Stand</b> 5 in. x 8 in. base, 5/16 in. steel hooked rod Sh. wt. 4 lbs.	LF01022U
<b>Fluid Supply Bag</b> 500 ml Sh. wt. 0.31 lbs.	LF01130U
<b>Replacement Pulse Bulb</b> 3 oz. Sh. wt. 0.19 lbs	LF03490U





# Chester Chest™ with Peripheral Port Access Arm

Model No. : SB18636 Sh. wt. 11 lbs.

## 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

- Located in the left chest under a specially formulated flap designed to simulate real human tissue
- Situated over a rigid underlying surface with molded ribs and a recessed area for the
- interchangeable inserts
- 3 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, detachable 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
- Catheters are pre-attached to a blood reservoir bag
- Complete blood draws, heparinization, and fluid infusion while attached or
- unattached to the torso

## Additional Capabilities:

- Subclavian catheter
- Triple lumen catheter
- Jugular catheter



## Chester Chest™ with Peripheral Port Access Arm

- Also has recessed area posterior to PICC insertion site for optional peripheral port (peripheral port sold separately at right)
- Base of recessed area is made of soft material that permits port to "float" when accessed
- When placed over port, included tissue flap allows for a realistic feel when palpating and accessing

Consumables & replacement parts	Model No.
<b>Chest Tissue Flap Replacement</b>	<b>SB41587U</b>
<ul style="list-style-type: none"> <li>• Duplicates the feel of human tissue</li> <li>• Place chest tissue flap over chest port for realistic practice of palpating and accessing</li> <li>• Proper access of the port is confirmed by a "blood" withdrawal</li> <li>• Maintains integrity even after numerous needle insertions</li> <li>• Replacement chest tissue flap for all</li> <li>• Chester Chest™ versions listed above</li> <li>• 11 1/2 in. x 8 in. Sh. wt. 2.25 lbs.</li> </ul>	

Consumables & replacement parts	Model No.
<b>Carry Case</b> • Soft-sided • 21 1/2 in. x 17 in. x 16 1/2 in. Sh. wt. 5 lbs.	<b>SB29116U</b>
<b>Blood Bag Reservoir for Chester Chest™</b> Sh. wt. 0.25 lbs.	<b>SB46515U</b>
<b>Practice Port</b> • A real practice port with 9.6 FR catheter for the left side of Chester Chest™ Sh. wt. 2.50 lbs.	<b>SB41588U</b>
<b>Universal Catheter Connector</b> • For use with 9.6 FR catheter Sh. wt. 0.50 lbs.	<b>SB50699U</b>



# Central Venous Cannulation Simulator

Model No. : LF01087 Sh. wt. 23 lbs.



- Designed for learning and practicing CVC techniques
- Anatomically accurate, palpation is exactly the same as on a patient
- Sternal notch, sternocleidomastoid, clavicle, and other supporting features are present
- Internal features include a replaceable muscle and bone section, subclavian, internal jugular, external jugular, and carotid
- Use of a Swan-Ganz catheter is possible
- Neck of the simulator is positioned to the left, making landmark identity quite easy visually
- Sternal notch "sinks" 1-1.5 cm when palpated
- Accurate external and internal landmarks
- Includes fluid supply bags, replaceable skin, needles, 1 qt. blood, instruction manual, and hard carry case
- 5-year warranty

Consumables & replacement parts	Model No.
<b>Skin Repair Kit</b> Extends the life of replacement skins with brush-on treatment Sh. wt. 0.50 lbs.	LF01112U
<b>Replacement Tubing Kit</b> Each set consists of 1 subclavian vein, 1 internal jugular vein, 1 external jugular vein, and connectors 6 sets. Sh. wt. 1.75 lbs.	LF01113U
<b>CVC Skin Replacement</b> Sh. wt. 3.75 lbs.	LF01079U
<b>CVC Simulator Replacement Kit</b> Includes skin and veins Sh. wt. 4.50 lbs.	LF01078U

Consumables & replacement parts	Model No.
<b>CVC Simulator Bone and Muscle Replacement Kit</b> Sh. wt. 7 lbs.	LF01093U
<b>Vein Tubing Sealant Kit</b> Sh. wt. 2 lbs.	LF01099U
<b>Fluid Supply Stand</b> 5 in. x 8 in. base, 5/16 in. steel hooked rod Sh. wt. 4 lbs.	LF01022U
<b>Fluid Administration Set</b> Includes fluid bag with tubing and a fitting Sh. wt. 0.25 lbs.	LF01098U
<b>Venous Blood</b> Quart. Sh. wt. 0.38 lbs. Gallon. Sh. wt. 0.88 lbs.	LF00845U LF00846U



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# Peter PICC Line™

Model No. : SB20132 Sh. wt. 12 lbs.



- Portable teaching model has translucent arm skin that allows the visualization of the anatomically correct cephalic, basilic, and median basilic veins
- Axillary jugular, subclavian, and superior vena cava veins are also present, plus a movable chin simulates the occlusion of the jugular to prevent the Peripherally Inserted Central Catheter Line (PICC) from taking this path
- Palpable ribs permit practice in measuring proper catheter length to the correct intercostal space
- Permits the measurement of catheter length outside of the body and the confirmation of proper placement by viewing the distal tip of the catheter in the viewable superior vena cava
- Replaceable, barely translucent arm skin allows visualization of underlying veins
- Includes soft carry case

Consumables & replacement parts	Model No.
<b>Arm Skin Replacement</b> Sh. wt. 0.38 lbs.	<b>SB41585U</b>
<b>Body Skin Replacement.</b> Sh. wt. 1.75 lbs.	<b>SB41586U</b>
<b>Arm Vein Tubing Set</b> Sh. wt. 0.31 lbs.	<b>SB41583U</b>





# Pericardiocentesis Simulator with Chest Tube and Pneumothorax

Model No. : LF03769 Sh. wt. 27 lbs.



- Designed specifically to teach the skills needed to perform this difficult procedure correctly, as well as ongoing chest tube maintenance and the management of pre-hospital chest trauma
- Pressurized tension pneumothorax site and a site for the surgical placement of a functional chest tube
- Fluid color, volume, and viscosity can be varied
- May be used with any commercially available closed water seal drainage unit
- Pericardiocentesis may be performed in the left subxiphoid space and in the left fifth intercostal space
- Accurate placement of the needle will allow for the withdrawal of fluid from the simulated pericardium
- Includes fluid reservoir bag, foot pump, surgical skin pads, subcutaneous surgical pads, nurse training pads, pneumothorax pads, blood powder, thickener, simulated pericardium, IV bag, instruction manual, and hard carry case
- Fluid supply stand not included
- 5-year warranty



# Spinal Injection Simulator

Model No. : LF01036 Sh. wt. 27 lbs.



- Approaches include spinal anesthesia, spinal tap, epidural analgesia, caudal analgesia, sacral nerve block, and lumbar sympathetic block
- Easy-to-change vertebral column and replaceable skin
- Features proper resistance in needle puncture and accurate palpation reference points
- Spinal column can be charged with fluid
- Sitting or lateral positions for injection practice
- L1 and L2 sections of the vertebral column are visible
- Functional section includes L3-L5 vertebrae, plus the sacrum and coccyx
- Includes a fluid supply bag with connectors, instruction manual, and hard carry case
- Fluid supply stand and needle not included
- 5-year warranty

Consumables & replacement parts	Model No.
<b>Spinal Replacement Kit</b> Skin, musculatures, and spinal cord Sh. wt. 1.75 lbs.	LF01039U
<b>Lubricant Kit</b> — Pkg. of 6 2-oz. bottles Sh. wt. 0.88 lbs.	LF00985U
<b>Fluid Supply Stand</b> Sh. wt. 4 lbs.	LF01022U
<b>Fluid Administration Set</b> Fluid bag with tubing and a fitting Sh. wt. 0.25 lbs.	LF01098U

# Debriefing System

## qubeAVpro



### Debriefing System

Debriefing is one of the most important parts of simulation training. With qubeAV, instructors can support students both during and after training.

- Audio-video recording for simulation training
- Recording allows analysis of the training scenario from all angle
- Multiple marker-sets controlled via the marker keyboard, track pad or iPad .
- Ideal for classroom, in-hospital, or ambulance settings
- Seamless integration with all patient simulation systems

### qubeAVpro

- Professional debriefing-system
- Mac-based software
- 3 HD cameras
- Can switch up between four cameras
- Stream external monitors
- Marker keyboard

**SQqubeAVpro** Sh. wt. 50 lbs.



## qubeAVgo



### Debriefing System

Debriefing is one of the most important parts of simulation training. With qubeAV, instructors can support students both during and after training.

- Audio-video recording for simulation training
- Recording allows analysis of the training scenario from all angle
- Multiple marker-sets controlled via the marker keyboard, track pad or iPad .
- Ideal for classroom, in-hospital, or ambulance settings
- Seamless integration with all patient simulation systems

### qubeAVgo

- Mobile debriefing system
- iPad-based software
- 360° camera
- Can switch up between two cameras
- Stream SKILLQUBE® monitors
- Smart microphone
- Set marker with Apple Pencil

**SQqubeAVgo** Sh. wt. 20.4 lbs.



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# Department of Anatomy

70

THE GAZETTE OF INDIA : EXTRAORDINARY

[PART III—SEC. 4]

iv Supportive staff: As required

## SCHEDULE III

### EQUIPMENT (for various departments in the College and Hospitals).

Note: These recommendations are minimum requirements and will serve as a guide to the institutions with regard to the equipment required for teaching of MBBS students. For providing service to the attached hospital, the requirements would have to be provided accordingly. They are not meant to be an exhaustive list and the staff of the various departments will use their experience for equipping the departments.

#### 1. ANATOMY

S.No.	NAME OF THE ITEMS	No. Required
(A)	<b>General</b>	
1	Drill machine	As required
2	Hand saw, preferably metal	As required
3	Band saw for sectioning body and limbs	As required
4	Brain knife	As required
5	Mortuary cooler for storing cadavers	As required
6	Storage tank to hold cadavers, static/movable, durable tank with input and output facility with lid	As required
7	Plastic tanks for storing soft and dissected parts	As required
8	Dissecting instruments for cadaveric dissection	As required
9	Meat cutting machine for thin body sections (trans and vertical) for gross anatomy sectional study	As required
10	Embalming Machine	1
(B)	<b>Histology Laboratory</b>	
11	Microscopes, Monocular/Binocular	60
12	Dissection microscope	As required
13	Microtomes, rotary	As required
14	Microtomes, Sledge, large cutting	As required
15	Paraffin embedding bath	As required
16	Hot plates for flattening sections	As required
(C)	<b>Museum</b>	
17	Articulated Skeleton set	As required
18	Bones (Dis-articulated) sets	As required



# Didactic skeleton "Oscar"

Model No. 2960

First class reproduction of a male adult skeleton. This skeleton is manufactured after our strict quality regulations. The stable mounting and robust structure guarantees a long lasting quality even in intensive use.

## THE FOLLOWING CHARACTERISTICS MAKE OSCAR THE RIGHT CHOICE:

- Perfect value for money
- 3 year warranty, lifelong repair service
- Final assembly by hand in Germany
- Made of durable, unbreakable plastic
- Natural skeleton size
- The teeth are manufactured separately and inserted into the jaw.
- The limbs can be removed and reattached very fast and easy using a quick fastener.
- Shoulder, hip and knee joints do have flexible rubber attachments that allow lifelike, sliding joint movements. This distinguishes Oscar pleasantly from less mobile models with metal joints.
- The about 200 bones of the skeleton correspond with real human bones in size and nearly in weight.
- The skeleton is anatomically correct and complete, it shows all important structures and foramina.
- 5-spoke roller stand, rugged, smooth-running and removable.
- The spine of the skeleton shows spinal nerves, the vertebral artery and a dorsolateral disc prolapse.

Size with stand: 178 cm, size without stand: approx. 160 cm  
Weight: approx. 9 kg



## Skeleton, unassembled (bone collection)

Model No. 3020

All bones in the skeleton are represented individually. Excellent casting of the skeleton of an adult male. True to life reproduction of the bone structure with all foramina, fissures and processes. The skull can be dismantled in three parts into roof of skull, base of skull and mandible. Consists of 130 parts. Not suitable for self-assembly. Supplied in storage carton.

Weight: 7.3 kg



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## Be extra careful of Foreign Companies dumping 2nd hand used Manikins in India

- 1: Can be contaminated with bacterial infectious loads
- 2: Leeching of Toxic, flammable additives accelerated in age hardened rubbers plastics
- 3: Manikins are never fumigated sterilized at point of import into India
- 4: Manikins are made from various Plastics Rubbers. Subject to brittle age hardening
- 5: Life of Manikins is very residual due to brittle age hardening. (1-2 years)
- 6: No Spares and parts will ever be available
- 7: Skills on Manikins may not reflect BEST CURRENT MEDICAL PRACTICES
- 9: Companies DO NOT DECLARE items to be 2nd Hand. Practice downright DISHONESTY
- 8: You become a VICTIM of STRUCTURED OBSOLESCENCE for Commercial gain only 11: Dishonesty destroys all SANCTITY in the chain of Learning-Training
- 10: When Commercial Interests are paramount, DISHONESTY becomes the Foundation
- 12: Any Learning-Training is a NOBLE venture particularly MEDICAL EDUCATION
- 13: In plain terms you are cheated. "Taken for a ride"

**Do not get carried away by Cheap low Prices, Huge Discounts, Examine issues of Quality, Overall Life Utility Cycle of Manikin, Durability, Accuracy and Simplicity of Use**

**DO NOT GET CHEATED: GET CORRECT GUIDANCE**

**From:**

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# RISKS FACTORS WHEN USING CHEAP MANIKINS

Solvents using VOCs include a variety of chemicals that may include Toluene, Xylene, Formaldehyde, Methylene Chloride, Ethyl Acetate hundreds of times cheaper are, Toxic, Carcinogenic, Mutagenic, Teratogenic Materials and are highly inflammable.

Heavy Metal Pigments Antimony Cadmium Lead etc. hundreds of times cheaper but downright Neurotoxic used for surface finishes, texturizing and as Fillers on Models and Manikins

Power Sources, Batteries employed in manikins can rapidly overheat and explode

Inadequate Inefficient manufacturing processes result in release of white powders in bones, chipping off edges fine processes, disintegration of fiberglass based models, bad surface finish, rough textures, low image, finish poor distorted images of models

## HEALTH AND MEDICAL SAFETY SERIOUSLY COMPROMISED

- Handling such models Can cause
  - Reduction in IQ (Intelligence Quotient)
- Shorten Concentration Attention Spans Cause ADHD
  - Cause Neurological Problems
  - Affect Hemoglobin Levels in Blood
    - Hemotoxicity Anemia
    - Increase Hyperactivity
- Cause Learning Perception Disabilities

## LEARNING-TEACHING AND EXAMINATION EVALUATION RISKS YOU WILL LEARN WRONG CONCEPTS IN ANATOMY

**You cannot use such Models Manikins to conduct medical examinations Once you learn wrong concepts, it is difficult to unlearn and re-learn again**

**THEREFORE YOU SHOULD ALWAYS  
BUY PRODUCTS OF REPUTED & RENOWNED MANUFACTURERS  
BUY FROM  
SEM TRAINERS & SYSTEMS**



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# Planning a Clinical Skills Lab?

## Follow these Guidelines.

**Start a Skills Lab only with Simple Task Trainers "One step at a Time" and never with a High End SMART Manikin Basic Skills Trainers are the Foundations for any Clinical Skills Training**

- 1: Very low investment costs and negligible support systems required
- 2: Easy to maintain. No hidden costs. Low Maintenance & Operating Costs
- 3: Future infrastructural outlays for CSL evolve with experiential exposures
4. Can be positioned in "In-Situ" and "On Demand Ready to use" State and Portable
- 5: Efficiencies of training in skills very high and available on demand fo repeated trainings
- 6: Various shortcomings in your lab can be addressed with experiential exposures
7. Culture of interacting with Manikins can effectively develop Medical, Social, and Managerial Emotional Skills for effective diagnosis and treatment capabilities.
- 8: Inadvertent Damage very low. No worry at all about Obsolescence
- 9: Even Single trainee can train on each simulator. Groups not necessary as in Smart manikins
- 10: Cost effective review of mistakes and errors Possible. Fresher can immediately handle Basic Manikins
- 11: Do not require Electrical/Battery Power. Consequential damage, hazards not possible
- 12: Annual Budgeting constraints make it easier to fit in and procure basic Manikins of your choice
- 13: Once Basic Skills are mastered on Procedural Task Trainers. Student groups can learn to create "Scenarios" for higher level learning and move on to Multiskills high-end Manikins

For Best Advice Guidance Assistance on consolidated Plans for Selection of Models-Charts-Manikins-Simulators, for CLINICAL SKILLS LABORATORIES

**CONTACT:  
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# PLANNING A SMART MANIKIN?

## A: Definitely, never at the first stage

Require MINIMUM AWARENESS-SKILLS before handling Smart Manikins Smart Interactive features NOT suitable for BASIC "hands on" Training Individual Tasks can never be effectively trained on such Manikins Delivery of Training Efficiency (Hands on Training) can be very low (5-8%) Features are suitable for Diagnostic - Evaluation - Treatment Training Protocols Suitable for Teamwork Dynamic Training in Diagnostics - Evaluation - Treatments

## B: Points to Remember When you buy a Smart Manikin

- Never buy a Smart Manikin as a Status Symbol
- Ensure you have correct appropriate infrastructure (dedicated room, high end power supply, dedicated computation server, efficient lighting and ventilation fire extinguishers facilities and alarm systems)
- A Smart Manikin is not just a "Multiple Discrete Task Trainer" A Smart Manikin provides a Multiplier Effect resulting in an exponential increase in "Diagnostics and Clinical Skills" for trainees
- You require a dedicated full time Expert in Simulation Methodologies for efficient utility of the Simulator
- Very High Initial Investments anything from Rs 70 Lakhs to Rs. 500 Lakhs
- High Hidden recurring expenses to keep system functioning Rs. 4 Lakhs Annual
- Utility can be very low in absence of established culture of using Manikins Costs of accidental Collateral damage to Smart Manikins can be prohibitive A Smart Manikin can quickly become a WHITE ELEPHANT- A DEAD INVESTMENT Because of very limited usage, high idle time costs, low training deliveries
- As a "Dead Investment" COUNTER PRODUCTIVE to Learning and Teaching
- As a "Dead Investment" can generate a NEGATIVE Image for Learning- Training on Manikins and Simulators

**For Expertise Guidance  
contact  
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# Remember

## When you buy from SEM TRAINERS & SYSTEMS

You Do Not Buy Just "A Product"

## YOU BUY

Guaranteed New	Manikins Simulators from Reputed USA/Europe/Japanese Brands
Best Cost	Manikins Simulators at the lowest Prices
Latest	Knowledge-Technology Resources in Medical Simulation
Expertise	in Simulation Based Medical Education Methodologies
Expertise	in Scenario Based Training Methodologies
Expertise	in Design Guidelines Clinical Skills Laboratories
Expertise	in Post Sales Workshops-Installation-Demos-Training-Repairs

**The ONE and ONLY Company in India giving you ALL  
Manufacturers Simulators under One roof**

We Guarantee you	<b>No</b> Fake Labeling (Using Cheap manikins)
We Guarantee you	No second hand refurbished manikins supplied as "NEW"
We Guarantee you	We do not entice you with large discounts (60%) and then Sell refurbished second hand repaired Reputed Brands
We Guarantee you	Original Manikins -Labels-Cartons-Manuals of Original Manufacturers

**With more than 400 man-years experience in Education Methodologies  
The ONE Company marketing ONLY Medical Skills Training Simulators  
in India**

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## INAUGURATION OF SKILLS LAB AT DY PATIL MEDICAL COLLEGE KOLHAPUR

Dr. Arun Nigavekar, Chancellor inaugurating  
the Lab



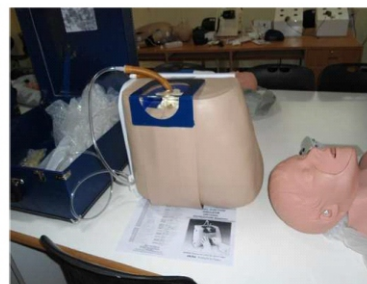
WHERE TIME MOVES AHEAD TO KEEP PACE WITH  
KNOWLEDGE

## SKILLS LAB AT AFMC PUNE

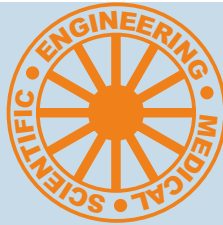


WHERE TIME MOVES AHEAD TO KEEP PACE WITH  
KNOWLEDGE

## TRAINING FOR STUDENTS AT BLDE BIJAPUR



WHERE TIME MOVES AHEAD TO KEEP PACE WITH  
KNOWLEDGE



**SEM**

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**SEM - Scientific Educative Methods in Science, Engineering & Medicine**

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and Supplies  
In India


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KNOWLEDGE




PAN India presence  
in almost every state.

# Thank You

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