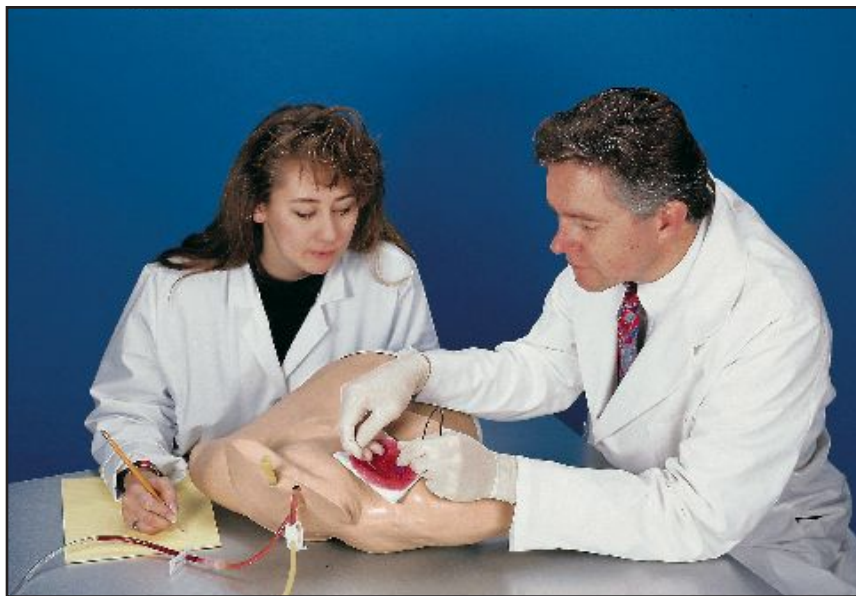


**HEART CATHETERIZATION
SIMULATOR
LF01012U
INSTRUCTION MANUAL**



**CAUTION: PRODUCT CONTAINS DRY NATURAL RUBBER.
DO NOT REMOVE FILM FROM TUBING!**

Life/form® Heart Catheterization Simulator. The ideal way to train staff in the techniques of central venous catheterization without entailing risk. Venous catheterization and the use of a Swan-Ganz can be practiced at all common sites of the upper torso (subclavian, axillary, and peripheral).

Preparation of the puncture sites and bandaging techniques may also be practiced without fear of infection or harm to a patient.

NOTE: Some compromise in the position of the right arm was necessary in the simulator to allow for both peripheral and central catheterization. The right arm is slightly abducted and the forearm is pronated. It is not necessarily the usual position for this procedure.

Components

Replaceable Skin

Vein and Artery Tubing Sealant Kit

Needles

Life/form. Venous Blood (1 qt.)

Setup Procedure

Prepare Synthetic Blood:

Concentrated blood colorant is provided. Dilute the concentrate by filling the container with water.

Fill Supply Bag:

Pour the colorant into the supply bag. Be certain the pinch clamp on the supply line is closed.

Connect to Simulator:

Attach the connector on the end of the supply line to the matching connector on the simulator.

Fill System:

Open the two pinch clamps on the simulator. Allow the system to be filled by opening the clamp on the supply line. Once the system is full, close both pinch clamps on the simulator. **DO NOT** close the pinch clamp on the supply line.

The simulator is now ready for

use. Note how the tubing is laid out in the simulator while removing. This will make reassembling with new tubing easier.

- A. Remove clamps, connector, and shoestring.
- B. Lubricate exterior of outer skin with **Life/form.** Simulator Lubricant (LF00985U).

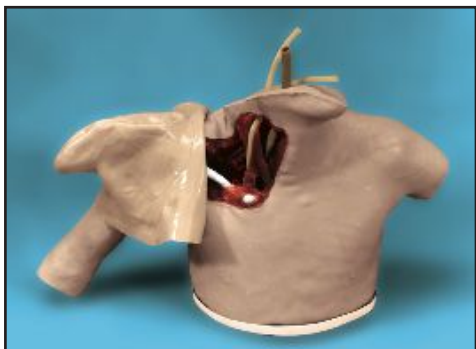


Figure 1

- C. Starting at the left shoulder, turn the skin inside out over the neck and chin area. (**See figure 1.**)
- D. Continue turning skin inside out down the entire length of the arm.
- E. Remove the white cover at the base of the simulator.

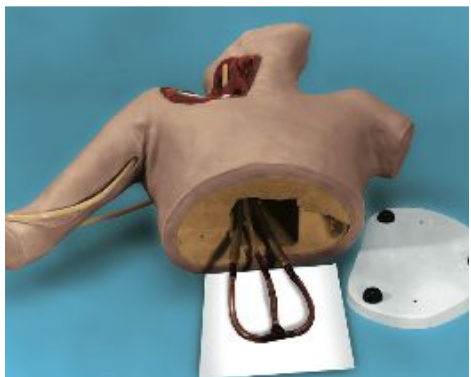


Figure 2

- F. Pull the damaged tubes out the base of the simulator. (**See figure 2.**)



Figure 3

- G. Lubricate the new tubing with **Life/form**. Simulator Lubricant. (See **figure 3**.) **DO NOT REMOVE FILM FROM TUBING.** The new tubing can be inserted into the dissected area of the shoulder by attaching it to the wooden dowel. (See **figure 4**.)



Figure 4

- H. Position tubing in vein channels.
 I. Lubricate the inside of new skin with **Life/form**. Simulator Lubricant (LF00985U).
 J. Slide new skin onto body.
 K. Connect clamps, connector, shoe-string, and cover.
 L. The simulator is now reconditioned and ready for use.

Care of the Simulator

Store simulator in the accompanying carrying case. The simulator can be cleaned with Ivory® liquid soap and warm water. Use REN Cleaner (W09919U) to remove stubborn stains. Spray soiled area and wipe with soft cloth or paper towels.

Cautions

Solvents or corrosive materials will damage the simulator. Never place simulator on newspaper or any kind of printed paper or plastic. These materials will transfer an indelible stain. Ballpoint pen ink will also make an indelible stain.

Supplies/Replacement Parts for the Heart Catheterization Simulator:

- LF00845U **Life/form**. Venous Blood (1 c
 LF01099U Vein and Artery Tubing Sealant
 LF01013U Replacement Skin and Vein
 LF00985U **Life/form**. Simulator Lubricant
 W09919U REN Cleaner

- 0698U** Adult Injectable Arm (White)
0855U Male Catheterization
0856U Female Catheterization
0901U Prostate Examination
0906U Ostomy Care
0929U Surgical Bandaging
0957U Enema Administration
0958U Pediatric Injectable Arm
0961U Intramuscular Injection
0984U Breast Examination
0995U Arterial Puncture Arm
0999U Pediatric Injectable Head
005U First Aid Arm
008U Intradermal Injection Arm
012U Heart Catheterization (TPN)
019U Ear Examination
027U Peritoneal Dialysis
028U Suture Practice Arm
034U Suture Practice Leg
036U Spinal Injection
037U Hemodialysis Practice Arm
038U Episiotomy Suturing Set
042U Suture Kit
062U Pelvic, Normal & Abnormal
063U Stump Bandaging, Upper
064U Stump Bandaging, Lower
069U Cervical Effacement
070U Birthing Station
082U Cricothyrotomy
083U Tracheostomy Care
084U Sigmoidoscopic Examination
087U Central Venous Cannulation
095U Blood Pressure Arm
108U Infant Intraosseous Infusion
121U Advanced IV Arm
131U Venipuncture and Injection Arm
139U Advanced IV Hand
142U Auscultation Trainer
143U Testicular Exam
152U Male & Female Catheter
155U Advanced CPR Dog
162U Venatech IV Trainer
174U NG Tube & Trach Skills
LF01184U Venatech IM & Sub Q
LF01193U Special Needs Baby
LF03000U **CPARLENE®** Series
LF03601U Adult Airway Management Trainer with Stand
LF03602U Adult Airway Management Manikin
LF03609U Child Airway Management Trainer with Stand
LF03616U Child **CRiSis™** Manikin
LF03617U Deluxe Child **CRiSis™** Manikin with Arrhythmia Tutor
LF03620U PALS Update Kit
LF03623U Infant Airway Management Trainer with stand
LF03632U Child Intraosseous Infusion/ Femoral Access Leg on a Stand
LF03633U Child Airway Management Trainer Torso
LF03693U **Basic Buddy** CPR Manikin
LF03699U "Airway Larry" Airway Management Trainer
LF03709U Infant **CRiSis™** Manikin
LF03720U **Baby Buddy** Infant CPR Manikin
LF03750U Fat Old Fred
LF03760U Airway Management/Cricoid Pressure Trainer
LF03770U Chest Tube
LF03953U **CRiSis™** Manikin, complete
LF03955U Deluxe **CRiSis™** Manikin
LF03956U Deluxe "Plus" **CRiSis™** Manikin
LF03965U Adult **CRiSis™** Auscultation Manikin
LF03966U Adult **CRiSis™** Auscultation Manikin with ECG Simulator
LF04000U **GERI™/KERI™** Manikin Series
LF04200U Adult Sternal Intraosseous Infusion
LF06001U **CPR Prompt™** Adult/Child Manikin
LF06012U **CPR Prompt™** Infant Manikin
LF06200U **CPR Prompt™** Keychain Rescue Aid
LF06204U **CPR Prompt™** Rescue and Practice Aid

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