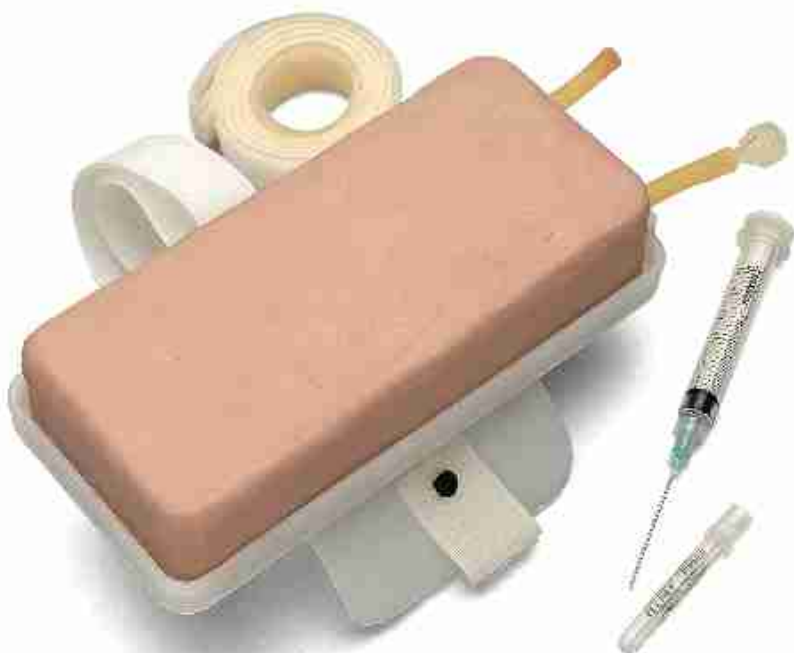
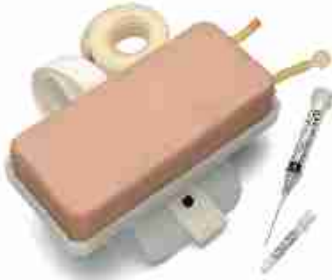




VENATECH IM AND SUB Q SIMULATOR LF01184U & LF01185U INSTRUCTION MANUAL



Life/form® Products by NASCO



Life/form® VENATECH IM AND SUB Q GENERAL OPERATING INSTRUCTIONS

The **Life/form®** Venatech IM & Sub Q Simulator fits on the area of the deltoid muscle as well as the vastus lateralis, rectus femoris, ventrogluteal, and dorso-gluteal areas for realism. Because there is fluid in vessels within the simulated tissue, there is an actual possibility of seeing simulated blood in the hub of the needle on aspiration. Students will be able to use critical thinking skills they have learned through didactic training and put those skills to use in clinical simulation. Students will also learn essential patient communication skills such as explaining the procedure to the patient, asking them to relax, etc.

Although this trainer will provide you with long trouble-free usage, the skin and veins can be easily replaced. Simply peel off the old skin revealing the foam muscle pad and “core” with veins, then remove old veins. After installing replacement veins and skin you literally have a brand new trainer. The life of the replaceable skin and veins will be prolonged by utilizing small needle sizes (20- to 25- gauge for example). If instruction with larger needle size is required, this can be done; however, the skin and veins will need replacing sooner. Skin and vein kits are available through NASCO (see list of supplies).

TRAINER SETUP:

1. In a small container, mix a few granules of synthetic blood with 1/2 cup water. Stir to dissolve the concentrate. NOTE: Trainer comes with enough blood concentrate for several uses.
2. Using the 20 cc. syringe included in the kit, fill syringe with synthetic blood. Next, open both stopcocks at the end of each “vein.” Screw the syringe into one of the stopcocks, then charge the veins until fluid runs out the end of the other vein. Close the stopcock on the vein that the fluid ran out of. Remove the syringe and close the stopcock.
3. Using Velcro strap provided, attach device to area where IM or Sub Q injection skills will be taught. For hip region, attach Velcro extension strap included in kit.
4. Insert needle into “tissue” and aspirate. If simulated blood appears in hub of needle, the procedure has been done incorrectly. Student should remove needle and start procedure from beginning.

CARE OF THE TRAINER

After each class use, flush blood out of veins with tap water. Remove skin & foam “tissue” from the base of the device. Rinse the foam if needed to remove synthetic blood, and allow to air dry. Once the foam is dry, replace skin and foam pieces back onto the base of the device and store in box. NOTE: Be sure the trainer is dry and excess water is drained from the veins before storing.

Ordinary soil can be removed from the skin by washing with soap and warm water. Newsprint or similar printed paper or plastic will permanently stain the trainer if prolonged contact occurs. Stubborn stains may be removed with REN cleaner (W09919U) by dispensing it on the area and wiping with a soft cloth or paper towel.

CAUTIONS:

1. The synthetic blood is specially formulated to be compatible with the self-sealing veins and plastics used in manufacturing the trainer.
2. NEVER use synthetic blood for intramuscular injection.
3. Do not use dull or burred needles, as these will cause leaks in the system. Burred needles will cause permanent damage. To help prolong skin life and prevent damage, we recommend using smaller needles (20- to 25-gauge).
4. Do not allow “blood” to dry on the trainer – it may stain.
5. Do not clean the trainer with solvents or corrosive material as they will cause damage.
6. Use care when working with the blood concentrate – **it WILL stain clothing.**

DISCLAIMER

The *Life/form*® Venatech IM & Sub Q Simulator is only intended for use in a teaching or other controlled environment in which the skills learned with the trainer are taught or evaluated. This trainer should only be used under the supervision of a properly qualified instructor or other healthcare professional proficient in the skills taught with the trainer.

SUPPLIES/REPLACEMENT PARTS FOR THE *Life/form*® VENATECH IM AND SUB Q SIMULATOR

LF01186U	White Skin and Vein Replacement Kit
LF01187U	Black Skin and Vein Replacement Kit
LF01188U	Replacement Blood Kit, IM Simulator
W09919U	REN Cleaner, 12-oz. bottle

Other Available *Life/form*® Simulators

- LF00698U** Adult Injectable Arm (White)
LF00856U Female Catheterization
LF00901U Prostate Examination
LF00906U Ostomy Care
LF00929U Surgical Bandaging
LF00957U Enema Administration
LF00958U Pediatric Injectable Arm
LF00961U Intramuscular Injection
LF00984U Breast Examination
LF00995U Arterial Puncture Arm
LF00997U Adult Injectable Arm (Black)
LF00999U Pediatric Injectable Head
LF01008U Intradermal Injection Arm
LF01012U Heart Catheterization (TPN)
LF01019U Ear Examination
LF01020U Supplementary Ear Set
LF01025U Male Cath-Ed I
LF01026U Female Cath-Ed II
LF01027U Peritoneal Dialysis
LF01028U Suture Practice Arm
LF01036U Spinal Injection
LF01037U Hemodialysis Arm
LF01062U Pelvic, Normal & Abnormal
LF01063U Stump Bandaging, Upper
LF01064U Stump Bandaging, Lower
LF01069U Cervical Effacement
LF01070U Birthing Station
LF01082U Cricothyrotomy
LF01083U Tracheostomy Care
LF01084U Sigmoidoscopic Examination

LF01087U Central Venous Cannulation
LF01095U Blood Pressure Arm
LF01108U Intraosseous Infusion Simulator

LF01121U Advanced IV Arm
LF01139U Advanced IV Hand
LF01142U Auscultation Trainer
LF01162U Venatech IV Trainer
LF03000U **CPARLENE**® Series
LF03601U Adult Airway Management Trainer

LF03602U Adult Airway Management on Manikin
LF03603U Adult Airway Management Head Only
LF03609U Child Airway Management Trainer

LF03610U Child Airway Management Trainer Head Only
LF03611U Child Defibrillation Chest Skin
LF03612U Child IV Arm
LF03613U Child Blood Pressure Arm
LF03614U Child Intraosseous Infusion/ Femoral Access Leg Only
LF03615U Complete Child **CRiSis**™ Update Kit
LF03616U Child **CRiSis**™ Manikin
LF03617U Deluxe Child **CRiSis**™ Manikin with Arrhythmia Tutor
LF03620U PALS Update Kit
LF03621U Infant Airway Management Trainer Head Only
LF03622U Intraosseous Infusion Right Leg
LF03623U Infant Airway Management Trainer
LF03626U Child Femoral Access Injection Pad Replacement
LF03632U Child Intraosseous Infusion/ Femoral Access Leg on a Stand
LF03633U Child Airway Management Trainer with Torso
LF03693U **Basic Buddy** CPR Manikin
LF03699U "Airway Larry" Airway Management Trainer

LF03720U **Baby Buddy** Infant CPR Manikin
LF03953U **CRiSis**™ Manikin
LF03955U Deluxe **CRiSis**™ Manikin
LF03965U Deluxe "Plus" **CRiSis**™ Manikin
LF04001U **GERi**™ Nursing Manikin
LF04020U **KERi**™ Nursing Manikin
LF04021U **KERi**™ Basic Manikin
LF04022U **KERi**™ Advanced Manikin
LF04030U **GERi**™ Advanced Manikin
LF04040U **GERi**™ Basic Manikin
LF06001U **CPR Prompti**™ Adult/Child Manikin

LF06012U **CPR Prompti**™ Infant Manikin
LF06200U **CPR Prompti**™ Keychain Rescue Aid
LF06204U **CPR Prompti**™ Rescue and Practice Aid

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