

Venatech IV Trainer Instruction Manual LF01162U and LF01163U

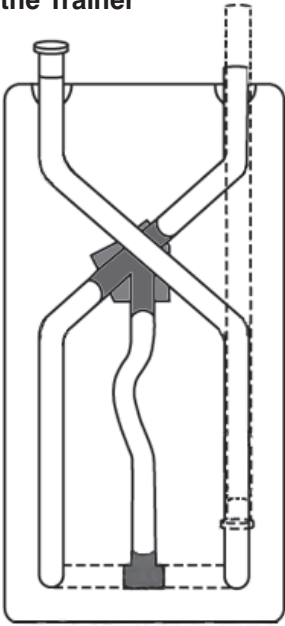


ISO 9001 and
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Nasco Plastics
ISO 9001 and ISO 13485
Products are manufactured using a quality management system
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CAUTION: PRODUCT CONTAINS DRY NATURAL RUBBER!

Life/form® Products by Nasco

About the Trainer



The Venatech IV Trainer includes the three main veins used in phlebotomy — cephalic, basilic, and median cubital — all in correct anatomical position.

An arterial vessel is present on the trainer for arterial blood gas simulation, and can also be used as a tool for showing how to correct the puncture through a vein into an artery. Besides practicing phlebotomy skills, the trainer helps students learn essential patient communication skills, such as explaining the procedure to the patient, asking them to close their fist, etc.

Although this trainer will provide you with long trouble-free usage, the skin, veins, and artery can be easily replaced. Simply peel off the old skin, revealing the foam “core” with veins and artery, then remove old veins and artery. After installing replacement veins, artery, and skin, you have, literally, a brand new trainer. The life of the replaceable skin, veins, and artery will be prolonged by utilizing small needle sizes (such as 20- to 25-gauge).

However, if instruction with larger needle sizes is required, this can be done; the skin, veins, and artery will merely need replacing sooner. Skin, vein, and artery kits are available through Nasco (see list of supplies).

Trainer Setup

1. Mix the synthetic blood in two small containers, with $\frac{1}{2}$ cup of water in each. Add a few granules of each color concentrate to the water in each container (red in one; blue in the other). Stir to dissolve the concentrate. **Note:** Trainer comes with enough blood concentrate for several uses.
2. Fill a syringe with the red-colored fluid. Next, connect an empty syringe to the artery tube (lower right tube) and pull back on the plunger to evacuate the air in the tube. Pinch off the tube between the trainer and syringe with your fingers and remove the syringe. Attach the syringe with the red-colored fluid to the tube and release the tube, allowing the red fluid to charge the artery.
3. Fill the other two syringes with blue fluid and connect one to the upper right tube, over the red syringe. Remove the red cap on the upper left tube. Inject one syringe of blue fluid completely through the system, catching it in the mixing cup as it exits the left tube. Replace the red cap. Pull the plunger all the way back and pinch off the tubing. Connect the full syringe of blue fluid. Release the tubing, allowing the fluid to pressurize the system.
4. Gently push on the syringe plungers until you feel resistance (the plunger should move back if the chamber is pressurized). Use only light pressure to avoid forcing the red plug out of the tubing.
5. Palpate for a vein.

6. Insert the needle into a vessel and withdraw fluid. **Note:** If evacuated system is being used, fluid will rush into the test tube. If you are using a winged infusion set, flashback will be present in the tubing. If no flashback appears, gently push on the plunger.
7. For arterial sticks, insert the needle of the syringe into the area under the vein on the right side and pull back on the plunger.
4. Do not allow “blood” to dry on the trainer — it may stain.
5. Do not clean the trainer with solvents or corrosive materials, as they will cause damage.
6. Do not use for subcutaneous injection. Nasco’s Intradermal Injection Simulator (LF01008U) is specially designed for intradermal injection training and practice.

Care of the Trainer

After each class use, disconnect the “blood” syringes and flush them with tap water. Next, remove the small red plug in the upper left tube and flush the tubes in the trainer with the syringes. The outside of the trainer may be washed with Ivory® liquid detergent and water. Be sure the trainer is dry and excess water is drained from the veins before storing in the box.

Ordinary stains can be removed by washing with soap and warm water. Newsprint, similar printed paper, or plastic will permanently stain the trainer if prolonged contact occurs. Stubborn stains may be removed with Nasco Cleaner (LF09919U) 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. Use smaller needles (20- to 25-gauge).

7. Use care when working with the blood concentrate; it will stain clothing.
8. Use only light pressure on the syringes to avoid forcing the red plug out of the tubing.

DISCLAIMER

The **Life/form**® Venatech IV Trainer 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 health care professional proficient in the skills taught with the trainer.

Supplies/Replacement Parts for Venatech IV Trainer

LF01165U White Skin, Vein, and Artery Replacement Kit

LF01166U Black Skin, Vein, and Artery Replacement Kit

LF01178U Replacement Blood Kit, Red and Blue, pkg. of 5

LF01177U Vein Replacement Kit

LF09919U Nasco Cleaner

Other Available *Life/form*® Simulators

- LF00698U** Adult Injectable Arm (Light)
LF00855U Male Catheterization
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
LF00999U Pediatric Injectable Head
LF01005U First Aid Arm
LF01008U Intradermal Injection Arm
LF01012U Heart Catheterization (TPN)
LF01019U Ear Examination
LF01027U Peritoneal Dialysis
LF01028U Suture Practice Arm
LF01034U Suture Practice Leg
LF01036U Spinal Injection
LF01037U Hemodialysis Practice Arm
LF01038U Episiotomy Suturing Set
LF01042U Suture Kit
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 Infant Intraosseous Infusion
LF01121U Advanced IV Arm
LF01131U Venipuncture and Injection Arm
LF01139U Advanced IV Hand
LF01142U Auscultation Trainer
LF01143U Testicular Exam
LF01152U Male & Female Catheter
LF01155U Advanced CPR Dog
LF01162U Venatech IV Trainer
LF01174U 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 Bariatric CPR Manikin
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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