



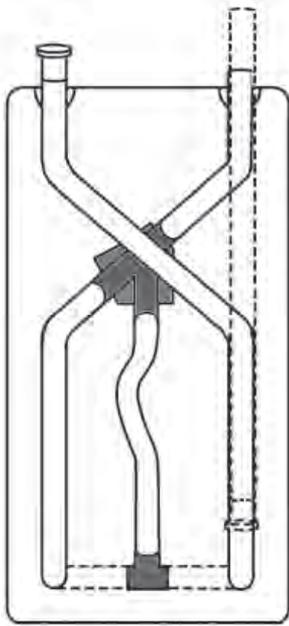
Venatech IV Trainer

LF01162U and LF01163U

INSTRUCTION MANUAL



WARNING: Products may contain dry natural rubber.



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.

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).
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 Intradermal Injection Simulator (LF01008U) is specially designed for intradermal injection training and practice.
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** Light Skin, Vein, and Artery Replacement Kit
- LF01166U** Dark 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)	LF01184U	Venotech IM & Sub Q
LF00855U	Male Catheterization	LF01193U	Special Needs Baby
LF00856U	Female Catheterization	LF03000U	CPARLENE ® Series
LF00901U	Prostate Examination	LF03601U	Adult Airway Management Trainer with Stand
LF00906U	Ostomy Care	LF03602U	Adult Airway Management Manikin
LF00929U	Surgical Bandaging	LF03609U	Child Airway Management Trainer with Stand
LF00957U	Enema Administration	LF03616U	Child CRiSis ™ Manikin
LF00958U	Pediatric Injectable Arm	LF03617U	Deluxe Child CRiSis ™ Manikin with Arrhythmia Tutor
LF00961U	Intramuscular Injection	LF03620U	PALS Update Kit
LF00984U	Breast Examination	LF03623U	Infant Airway Management Trainer with Stand
LF00995U	Arterial Puncture Arm	LF03632U	Child Intraosseous Infusion/ Femoral Access Leg on a Stand
LF00999U	Pediatric Injectable Head	LF03633U	Child Airway Management Trainer Torso
LF01005U	First Aid Arm	LF03693U	Basic Buddy ® CPR Manikin
LF01008U	Intradermal Injection Arm	LF03699U	"Airway Larry" Airway Management Trainer
LF01012U	Heart Catheterization (TPN)	LF03709U	Infant CRiSis ™ Manikin
LF01019U	Ear Examination	LF03720U	Baby Buddy ® Infant CPR Manikin
LF01027U	Peritoneal Dialysis	LF03750U	Bariatric CPR Manikin
LF01028U	Suture Practice Arm	LF03770U	Chest Tube
LF01034U	Suture Practice Leg	LF03953U	CRiSis ™ Manikin, Complete
LF01036U	Spinal Injection	LF03955U	Deluxe CRiSis ™ Manikin
LF01037U	Hemodialysis Practice Arm	LF03956U	Deluxe "Plus" CRiSis ™ Manikin
LF01038U	Episiotomy Suturing Set	LF03965U	Adult CRiSis ™ Auscultation Manikin
LF01042U	Suture Kit	LF03966U	Adult CRiSis ™ Auscultation Manikin with ECG Simulator
LF01062U	Pelvic, Normal & Abnormal	LF04000U	GERI ™/ KERI ™ Manikin Series
LF01063U	Stump Bandaging, Upper	LF04200U	Adult Sternal Intraosseous Infusion
LF01064U	Stump Bandaging, Lower	LF06001U	CPR Prompt® Adult/Child Manikin
LF01069U	Cervical Effacement	LF06012U	CPR Prompt® Infant Manikin
LF01070U	Birth Station	LF06200U	CPR Prompt® Keychain Rescue Aid
LF01082U	Cricothyrotomy	LF06204U	CPR Prompt® Rescue and Practice Aid
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	Venotech IV Trainer		
LF01174U	NG Tube & Trach Skills		



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