



CHEST TUBE MANIKIN LF03770U INSTRUCTION MANUAL



Life/form® Products by NASCO



Figure 1

About the Manikin...

The NASCO Life/Form® Chest Tube Manikin has been designed specifically to teach the theory, anatomy and skills needed to manage pre-hospital chest trauma, as well as on-going chest tube maintenance.

The right side of the manikin has two cut-away viewing areas to illustrate the anatomical relationships between the skin surface, musculature, ribs and lungs. The left side has a pressurized tension pneumothorax site and a site for the surgical placement of a functional chest tube. Fluid color, volume and viscosity can be controlled by the instructor. The manikin may be used with any commercially available closed water seal drainage unit.

List of Components:

- Torso with Lung
- Fluid Reservoir Bag (3)
- Foot Pump
- Surgical Skin Pads (5)
- Subcutaneous Surgical Pads (5)
- Nurse Training Pads (2)
- Pneumothorax Pads (5)
- Blood Powder
- Methyl Cellulose Thickener

Setting up the trainer

Pneumothorax site:

Plug the foot pump hose into the port in the base of the trainer (Figure 1). Pump several times to fill the inner air bladder. (The bladder has a pressure relief valve to prevent overinflation and rupture.) The procedure may now be performed at the second intercostal space, mid-clavicular line. While the outer skin pad may be punctured repeatedly, it will eventually need to be replaced. Simply remove the chest skin and replace the old pad with a new one.

Chest tube insertion site:

Fill the reservoir bag with fluid, which has been mixed to the desired color and consistency according to the directions on the packet. Connect the bag to the quick-disconnect fitting in the base of the trainer (Figure 1). The procedure may now be performed using a #32 French chest tube. The site, located at the fifth intercostal space, just anterior to the mid-axillary line, consists of an outer surgical skin pad and an inner subcutaneous surgical pad. Each pad can be used four times by rotating it a quarter turn after each procedure. Simply remove the outer skin and the surgical skin pad, snap out the rib insert, and turn the subcutaneous surgical pad to a fresh site. Snap in the rib insert, turn the surgical pad in a new position, and replace the outer skin. Discard both pads and insert new ones after four procedures.

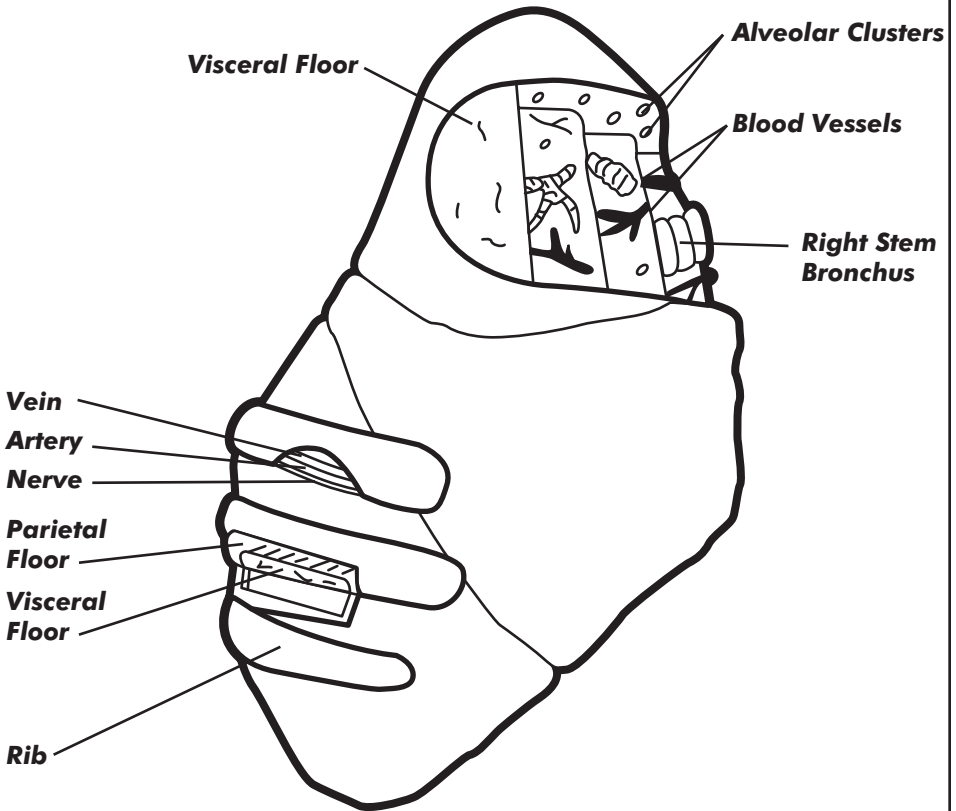
Care of the trainer

1. Normal soil may be removed from the skin with mild soap and water, or with REN cleaner, available from Nasco.
2. Never place the skin on any printed material, as the ink will cause indelible stains.
3. Handle synthetic blood with care, as it will stain fabrics and skin.
4. Rinse the fluid reservoir bag thoroughly after each use; leave the cap open so it can dry, especially if it will be stored for any length of time.

Available Supplies

LF03771 Surgical Skin Pads (Pk/5)
LF03772 Subcutaneous Surgical Pads (Pk/5)
LF03773 Pneumothorax Chest Pads (Pk/5)
LF03774 Blood Powder
LF03775 Methyl Cellulose Thickener
WO09919 Ren Cleaner

Lung Anatomy



Other Available *Life/form*® Simulators

LF00698U	Adult Injectable Arm (White)	LF03610U	Child Airway Management Trainer Head Only
LF00856U	Female Catheterization	LF03611U	Child Defibrillation Chest Skin
LF00901U	Prostate Examination	LF03612U	Child IV Arm
LF00906U	Ostomy Care	LF03613U	Child Blood Pressure Arm
LF00929U	Surgical Bandaging	LF03614U	Child Intraosseous Infusion/ Femoral Access Leg Only
LF00957U	Enema Administration	LF03615U	Complete Child CRiSis ™ Update Kit
LF00958U	Pediatric Injectable Arm	LF03616U	Child CRiSis ™ Manikin
LF00961U	Intramuscular Injection	LF03617U	Deluxe Child CRiSis ™ Manikin with Arrhythmia Tutor
LF00984U	Breast Examination	LF03620U	PALS Update Kit
LF00995U	Arterial Puncture Arm	LF03621U	Infant Airway Management Trainer Head Only
LF00997U	Adult Injectable Arm (Black)	LF03622U	Intraosseous Infusion Right Leg
LF00999U	Pediatric Injectable Head	LF03623U	Infant Airway Management Trainer
LF01008U	Intradermal Injection Arm	LF03626U	Child Femoral Access Injection Pad Replacement
LF01012U	Heart Catheterization (TPN)	LF03627U	Child CRiSis ™ Replacement Lung Set
LF01019U	Ear Examination	LF03628U	Child CRiSis ™ Replacement Stomach
LF01020U	Supplementary Ear Set	LF03629U	Child IV Arm Replacement Skin and Veins
LF01025U	Male Cath-Ed I	LF03630U	Child Arrhythmia Tutor
LF01026U	Female Cath-Ed II	LF03631U	Child Airway Management Trainer Replacement
LF01027U	Peritoneal Dialysis	LF03632U	Headskin
LF01028U	Suture Practice Arm	LF03633U	Child Intraosseous Infusion/ Femoral Access Leg on a Stand
LF01036U	Spinal Injection	LF03633U	Child Airway Management Trainer with Torso
LF01053U	Cross-Sectional Anatomy, Torso, Head	LF03650U	CRiSis ™ Manikin
LF01054U	Cross-Sectional Anatomy, Head	LF03651U	ALS Update Kit
LF01062U	Pelvic, Normal & Abnormal	LF03675U	BLS Manikin — 10 Pack
LF01063U	Stump Bandaging, Upper	LF03676U	BLS Manikin — 5 Pack
LF01064U	Stump Bandaging, Lower	LF03677U	BLS Manikin — Single
LF01068U	Brachial Plexus	LF04001U	GERi ™ Nursing Manikin
LF01069U	Cervical Effacement	LF04020U	KERi ™ Nursing Manikin
LF01070U	Birthing Station	LF04021U	KERi ™ Basic Manikin
LF01082U	Cricothyrotomy	LF04022U	KERi ™ Advanced Manikin
LF01083U	Tracheostomy Care	LF04030U	GERi ™ Advanced Manikin
LF01084U	Sigmoidoscopic Examination	LF04040U	GERi ™ Basic Manikin
LF01087U	Central Venous Cannulation		
LF01094U	Cross Sectional Anatomy — Laminated		
LF01095U	Blood Pressure Arm		
LF01108U	Intraosseous Infusion Simulator		
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		

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