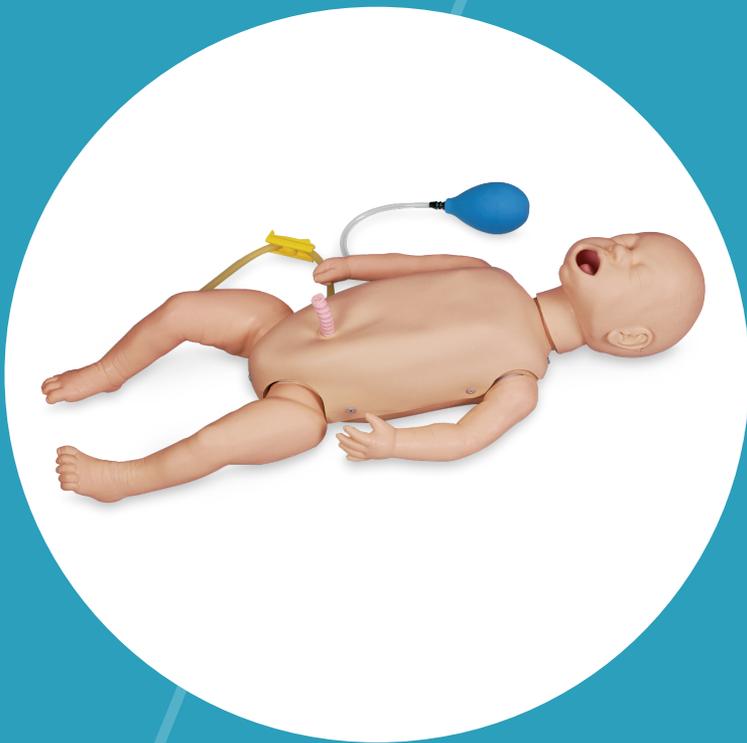


INSTRUCTION MANUAL

# Basic Infant CRiSis™ Manikin

LF03707



**5 Year Warranty**

*Nasco*  
HEALTHCARE

# About the Simulator



The Infant CRiSis™ Manikin provides you with a low cost simulator to suit your basic training needs and allows you to simulate resuscitation, along with the ability to check for a pulse and practice airway management skills, including intubation and suctioning. You can also practice umbilical clamping, cutting, and cannulation.

## CLEANING THE SIMULATOR

Normal soil can be removed with mild soapy water. Nasco Cleaner (LF09919) will remove stubborn stains. Simply apply Nasco Cleaner to the soiled area and wipe clean with a soft cloth or paper towel. Note: Avoid using cleaner around the mouth and nose area if students will be applying direct mouth-to-mouth resuscitation techniques, as the cleaner may be toxic if ingested. NEVER place the trainer on any kind of printed paper or plastic. These materials, as well as ball-point pens, will transfer indelible stains. Do not use any cosmetics.

## LIST OF COMPONENTS

- Basic Infant CRiSis™ Manikin
- 6 Umbilical Cords
- 6 Umbilical Cord Clamps
- 1 IV Bag with Clamp
- 1 Quart of concentrated colorant

- Pump Spray Lubricant
- 8 Towels
- 5-Year Warranty Card

## Removing the Airway

Nasco Healthcare has taken great care to create an airway management trainer that is anatomically correct in respect to both size and detail. Landmarks include gum line, tongue, oral and nasal pharynx, larynx, epiglottis, arytenoids, false and true vocal cords, cricoid ring, tracheal rings, trachea, and esophagus. The Infant Airway Management Trainer allows you to practice oral intubation. Suction techniques can also be performed and evaluated. The simulator was designed to use an uncuffed endotracheal tube measuring up to 4.0 mm I.D

## INFANT AIRWAY MANAGEMENT TRAINER HEAD



## LUBRICATION

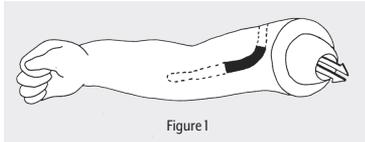
Before using the Infant Airway Management Trainer, lubricate both the oral cavity and the endotracheal tube you plan to use with the pump spray lubricant provided.

**Note:** Nasco Healthcare recommends the use of the provided lubricant or a similar

# General Instruction for Use

vegetable-based lubricant for the Infant Airway Management Trainer. The use of a silicone-based or similar lubricant may cause damage to the simulator, thus voiding Nasco Healthcare's warranty on the trainer.

The Infant Brachial Pulse Arm is an exciting training aid for taking newborn pulses. A series of contractions on the squeeze bulb will create a pulse in the antecubital region. With practice, a very realistic pulse can be created. **Note:** This arm is not designed for injections and should not be penetrated by a needle. The above diagram shows the position of the tubing embedded in the arm to simulate an artery. **(See Figure 1.)**



## SUPPLIES/REPLACEMENT PARTS FOR THE INFANT AIRWAY MANAGEMENT TRAINER

LF03644 Pump Spray Lubricant  
LF09919 Nasco Cleaner

## INFANT CHEST SKIN WITH UMBILICUS



The Infant Chest Skin with injectable Umbilicus is an exciting training aid for practicing and demon-

strating umbilical clamping, cutting, and cannulation of the newborn. Visual and tactile realism are combined in this simulator to provide students with the most realistic training possible. The umbilicus allows students to practice clamping, cutting, and aspirating "blood," making the use of the Infant Chest Skin with Umbilicus Simulator a realistic training exercise.



## GENERAL INSTRUCTIONS FOR USE

### A. Preparing the Synthetic Blood

Concentrated blood colorant is provided. Fill the 16-oz. container with tap water for the proper dilution.

### B. Hanging the IV Bag

Hang the bag no higher than 18".

### C. Filling the IV Supply Bag

Pour the diluted Blood into the IV bag. **(See Figure 2.)** Distilled water can be used in place of synthetic blood. Be certain the clamp on the tubing is closed before filling.

### D. Connecting the IV Bag to the Umbilicus

The umbilicus is supplied with a special connector that fits the umbilicus tubing and the IV bag. **(See Figure 3.)** Insert the connector from the IV bag into the tubing coming from the umbilicus as shown.

### E. Filling the Umbilicus System

1. Hold a towel or container near the open end of the umbilicus.

# About the Simulator



Figure 3

2. Carefully open the clamp and allow the liquid to slowly flow through the system until a steady stream exits all three holes at the umbilicus end.

**Note:** Careful adjustment of the ramp clamp is needed to supply a steady stream of “blood” during the aspiration procedures. (See Figure 4.)

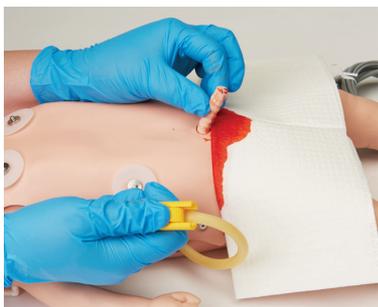


Figure 4

## PROCEDURES THAT CAN BE PERFORMED ON THIS SIMULATOR

### A. “Blood” Aspiration

The Infant Chest Skin with Umbilicus is now ready for aspiration practice. The “blood” flow is controlled by careful adjustment of the ramp clamp.

### B. Cutting and Clamping the Umbilicus

The Infant Chest Skin with Umbilicus Simulator allows the student to practice clamping and cutting the umbilicus. The umbilicus may be drawn out of the body to the desired length for trimming and is perfect for practicing umbilicus clamping and clamp removal.

**Note:** When the umbilici are used up, order the Umbilical Cannulation Replacement Cords (LF03642) on page 7.

## CAUSES FOR FAILURE IN FUNCTION

IV infusion may not flow if the IV bag isn't high enough, if the clamp isn't open, or if the latex tubing is kinked or pinched.

**A.** If “Blood” Cannot Be Aspirated During the Blood Drawing Procedure:

1. The clamp on the IV bag may not be open.
2. Air could be trapped in the umbilicus system. Simply flush the system slowly, draining some “blood” or distilled water, whichever you are using, until all the air bubbles are eliminated.
3. Check for possible kinks in the system.

## INSTALLING A NEW UMBILICUS

The simulator comes with an umbilicus installed. When necessary, replace it using the following instructions.

1. Remove the chest skin by unhooking it at the buttons. Lift out the lung plate and chest foam assembly.
2. Once the lung plate and chest foam assembly have been removed, take out the old umbilicus and discard it. Thread the new umbilicus up through the chest

# General Instruction for Use

foam assembly so only 2" are protruding. (See Figure 5.)

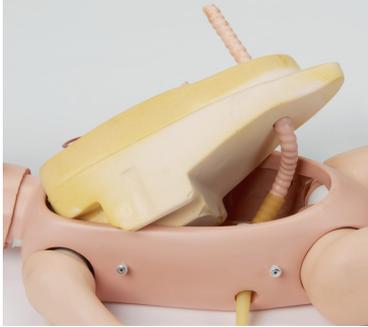


Figure 5

**3.** Next, connect the umbilicus to the latex adapter and coil the extra umbilicus under the chest foam assembly.

**4.** Now install the lung plate and chest plate assembly back into the body.

(See Figure 6.)



Figure 6

**5.** Finally, reattach the chest skin onto the manikin using the top four buttons on the torso, thread the umbilicus through the hole in the chest skin, and finish attaching the skin. (See Figure 7.) Push the umbilicus down so only about 1" is protruding.

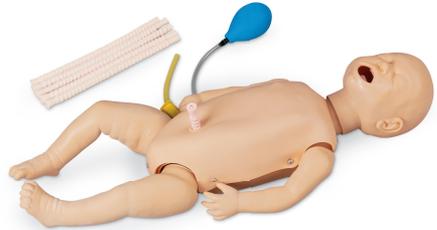


Figure 7

Actual product may vary slightly from photo. Nasco Healthcare reserves the right to change product color, materials, supplies, or function as needed.

## CARE OF THE SIMULATOR

This training simulator has been designed to provide the greatest possible durability and lowest maintenance without compromising the realism of use. Following are some suggestions for helping you yield the maximum life from this unique simulator.

### A. Before Storing the Chest Skin with Umbilicus

- 1.** Drain the umbilicus by raising the body over the height of the IV bag and then opening the ramp clamp. Allow the "blood" to flow back past the bag clamp, then close the clamp.
- 2.** Disconnect the IV bag and pour the fluid back into the container.
- 3.** If synthetic blood was used, flush out both the bag and umbilicus with clean water and allow them to dry.

**SUPPLIES/REPLACEMENT PARTS  
FOR THE INFANT CHEST SKIN  
WITH UMBILICUS**

**LF00845** Venous Blood,  
1 quart

**LF00846** Venous Blood,  
1 gallon

**LF01022** Fluid Supply Stand

**LF01130** Fluid Supply Bag

**LF03642** Umbilical  
Cannulation  
Replacement Cords  
(10 pk.)

**LF09919** Nasco Cleaner



**Nasco Healthcare**  
16 Simulaids Drive  
Saugerties, NY 12477  
1-833-NASCOHC (627-2642)  
info@nascohealthcare.com  
www.nascohealthcare.com