

# INSTRUCTION MANUAL

## Life/form® Advanced Child Airway Management Trainer, Head Only

LF03593



# About the Simulator

The Nasco Healthcare Life/form® Advanced Child Airway Management Trainer offers tongue swelling and laryngospasm in addition to all the features on the standard models. The Life/form® Advanced Airway Management Trainer is perfect for practicing skills on pediatric patients and represents the size of a 5-year-old patient.

Practice intubation, ventilation, suction, CPR, and jaw thrust techniques. Realistic anatomy and landmarks include teeth, tongue, oral and nasal pharynx, larynx, epiglottis, arytenoids, false and true vocal cords, trachea, and esophagus. Five-year warranty.

The Nasco Healthcare Life/form® Advanced Child Airway Management Trainer allows you to practice oral, digital, and nasal intubation. Suction techniques can also be performed and evaluated. The simulator was designed to use an uncuffed endotracheal tube measuring up to 5.0 mm in diameter and works best as a replacement head on a full manikin or trainer with stand.

# List of Components

- Advanced Airway Management Trainer Head
- 8-oz. Pump Spray Lubricant
- 2 Syringes (20 cc)
- 3 Red Caps

## Set Up

### LUBRICATION

Before using the Life/form® Advanced Child Airway Management Trainer, lubricate both the tube and airway with the pump spray lubricant provided. (See Figure 1.)



Figure 1

**Please Note:** Nasco recommends the use of the provided lubricant or a similar vegetable-based lubricant for the Advanced Child Airway Management Trainer. The use of a silicone-based or similar lubricant may cause damage to the simulator, thus voiding Nasco's warranty on the trainer.

### PALPABLE CAROTID PULSE

Provided squeeze bulb can be used to manually simulate a bilateral carotid pulse.

### LARYNGOSPASM

Pull back the plunger of a 20 cc syringe and attach it to the red stopcock. (See Figure 2.) Depress the plunger to force 1-5 cc of

# Set Up

air into the system. Close the tubing port at the stopcock to maintain the pressure within the larynx. The syringe may then be removed without loss of pressure.



Figure 2

## TONGUE SWELLING

Pull back the plunger of a 20 cc syringe and attach it to the yellow stopcock.

**(See Figure 3.)**

Depress the plunger to force approximately 10 cc of air into the system. Close the tubing port at the stopcock to maintain the pressure. The syringe may then be removed without loss of pressure.

**Caution:** Do not overinflate! Excessive pressure may rupture the system. Stop inflation when resistance is felt or the larynx is observed to close. Always release the pressure when finished training by opening the tubing port at the stopcock.



Figure 3

## CLEANING AND MAINTENANCE

To clean the Airway Management Trainer, stabilize the head on the counter face-up (towels work well for this) with the tubes hanging over the sink. Carefully pour warm soapy water (a mild dish soap works best) into the mouth until the water level reaches halfway up the tongue. Now tilt the head back and bring the neck up off the countertop.

Continue filling until the water level covers the tongue. At this point, take a small soft brush and gently scrub the inside of the mouth (a small toothbrush works well for this). Cotton swabs can

# Set Up

be used to scrub inside the nostrils. When done, drain the water into the sink. Now pick the head up and hold it in a vertical position to completely empty the system.

## **RINSING THE AIRWAY**

To rinse the airway, follow the same procedure using clean, warm tap water. Repeat this process until all the soap has been flushed from the system.

## **DISINFECTING THE AIRWAY**

To disinfect, repeat the standard cleaning procedure, but this time use a bleach solution instead of soapy water, as specified by the Centers for Disease Control. Fill the system with the solution until it reaches the corners of the mouth. Remember to start filling with the head flat and finish with the neck slightly elevated to ensure that the solution completely fills all airway passages. Once completely filled with the bleach solution, allow the head to sit for at least 10 minutes. Capping the airway with the supplied red caps will hold the fluid in the simulator. Drain as described earlier and repeat the rinsing process to flush out all the bleach solution. Set the head aside and allow it to dry completely.

## **CLEANING THE FACE**

Normal soil can be removed from the face of the trainer 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:** Do not use Nasco Cleaner around the mouth and nostrils, as the residue of the cleaner could be toxic.

**Caution:** Never place the trainer on any kind of printed paper or plastic. These materials will transfer indelible stains. Ballpoint pens will also make indelible stains. Do not use any cosmetics.

## **IMPORTANT – STORAGE OF YOUR SIMULATOR**

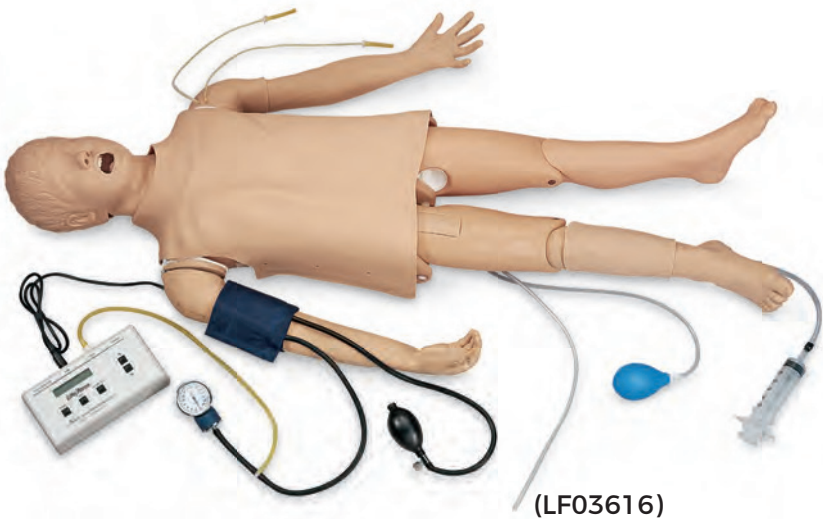
The unit must be stored as you received it to avoid damaging the simulator.

## Available Supplies

LF03644 Pump Spray Lubricant  
LF03628 Replacement Stomach, Child  
LF03627 Replacement Lungs, Child  
LF09919 Nasco Cleaner

## Also Available

LF03765 Life/form® Basic Child CRiSis™ Manikin  
LF03593 Life/form® Advanced Child Airway Management Trainer,  
Head Only  
LF03633 Trainer Torso  
LF03593 Child Airway Management Trainer Head



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