

INSTRUCTION MANUAL

# Advanced Child Airway Management Trainer Head

LF03761



*Nasco*  
HEALTHCARE

# About the Simulator

NASCO HEALTHCARE'S Life/form® Advanced Child Airway Management Trainer Head Present your students with the challenges they may face in the real world.

NASCO HEALTHCARE'S Life/form® Advanced Child Airway Management Trainers offer tongue swelling and laryngospasm in addition to all the features on the standard models.

These Life/form® advanced airway management trainers are perfect for practicing skills on pediatric patients and represent the size of eight-year-old patients. 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, lungs, esophagus, and stomach.

The trainers allow you to practice oral, digital, and nasal intubation, as well as E.T., E.O.A., P.T.L., L.M.A., E.G.T.A., and Combitube® insertion. Separate lungs for auscultation.

Inflatable stomach bladder indicates esophageal insufflation. With its slightly anterior position, swelling tongue, and vocal cords, the Life/form® Advanced Child Airway Management Trainers are great for introductory as well as advanced training

Suction techniques can also be performed and evaluated. The simulator was designed to use an uncuffed endotracheal tube measuring up to 5.0 mm I.D. Can be attached to any of the Life/form® Child Airway Management Trainers or on Resusci® Junior\*. Pump lubricant included. Three-year warranty

# List of Components

- Child Airway Management Trainer
- Right and Left Lung Bags
- Stomach Simulator
- Chest Skin
- Neck Adapting Ring
- Chest Compression Plate
- 2 Syringes
- Pump Spray Lubricant
- 3 Nylon Hose Clamps

## Instructions for Use

### Removing the Resusci® Junior\* Head

1. Unbutton chest skin from sides and fold over face.
2. Unhook top of rib plate and lift out.
3. Remove the lung bag system from the Resusci® Junior\* body. Lift out plate. Remove roll of bags. (See figure 1.)
4. Detach the rubber tether strap from the pin at the base of the neck.
5. Turn the manikin on its side and loosen the four screws that hold the two halves of the upper body together. These are located across the back of the shoulders. (See figure 2.)

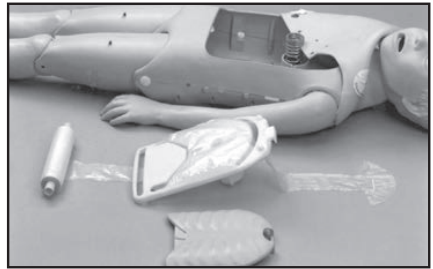


Figure 1



Figure 2

# Instructions for Use

6. Lift the top half of the body slightly away from the bottom, releasing the tab that holds the neck in place. **(See figure 3.)**
7. Remove head and neck from body. Remove chest skin.

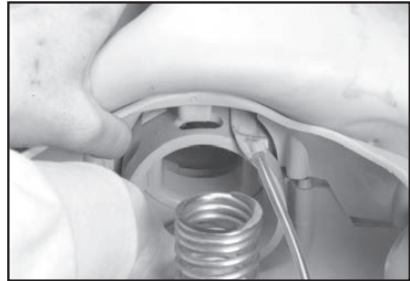


Figure 3

## Installing the Life/form® Child Airway Management Trainer Head

1. To install the neck adapter ring, separate the body halves slightly and insert adapter ring into body until the tab locks. **(See figure 4.)**
2. Attach the rubber tethers to the peg on adapter ring
3. Tighten the shoulder screws.
4. Carefully feed trachea, lungs, esophagus, and stomach through neck opening. **(See figure 5)**  
Turn head and neck to side with the small key on the neck facing up. Insert into keyway of adapter ring and turn head face up. **(See figure 6.)**

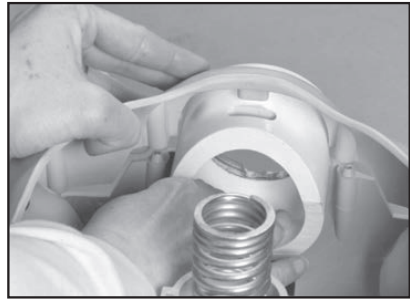


Figure 4

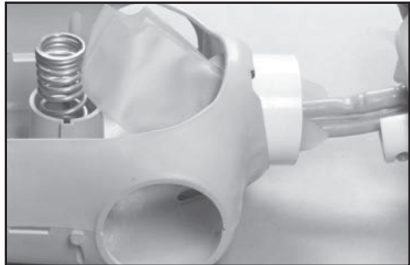


Figure 5

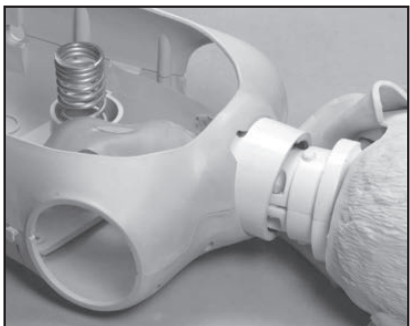


Figure 6

# Instructions for Use

5. Position the Nasco compression plate (do not use the Resusci® Junior\* compression plate) over the large spring. Roll up lung and stomach bags and carefully feed each through the corresponding holes in the plate. (See figure 7.) Note that the bags should lie on top of the plate, with the connectors and hose clamps underneath. (See figure 8.)

6. Hook rib plate onto chest compression plate, over bags.

7. Button the chest skin onto the body with the neck skin lying over the top. Our Life/form® Child Airway Management Trainer is now ready to use.

## Lubrication

Before using the Life/form® Advanced Child Airway Management Trainer, lubricate both the oral cavity and the endotracheal tube with the Nasco lubricant provided. (See figures 9 & 10.)

**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 other similar lubricant may seriously damage the simulator, thus voiding Nasco's warranty on the trainer.

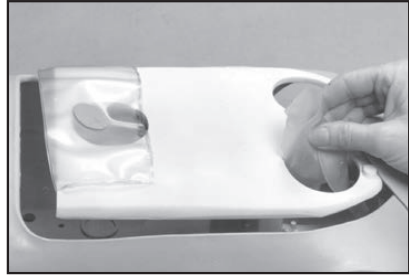


Figure 7



Figure 8



Figure 9

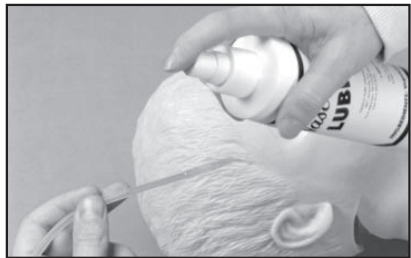


Figure 10

# Instructions for Use

## Laryngospasm

Pull back the plunger of a 20 cc syringe and attach it to the red stopcock. (See figure 11.) Depress the plunger to force 1-5 cc of air into the system. Close the tubing port at the stopcock to maintain the pressure within the larynx. The syringe may be removed at this point.



Figure 11

## Tongue Swelling

Pull back the plunger of a 20 cc syringe and attach it to the yellow stopcock. (See figure 12.)

Depress the plunger to force

approximately 10 cc of air into the system.

Close the tubing port at the stopcock to maintain the pressure.



Figure 12

The syringe may be removed at this point.

**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.

**Note:** Our Advanced Airway Management Trainer will fit on all models of Child CRiSis™ and non-modular Resusci® Junior™\* manikins.

# Cleaning and Maintenance

## Disinfecting the Airway

Normal soil can be removed from the face with mild soapy water. Nasco Cleaner (LF09919) will remove stubborn stains. Simply apply Nasco Cleaner to soiled area and wipe clean with a soft cloth or paper towel.

**Note:** Avoid using cleaner around mouth 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.

## Available Supplies

- LF03644** Pump Spray Lubricant
- LF03627** Replacement Lung Set
- LF03628** Replacement Stomach
- LF09919** Nasco Cleaner

## Additional Add-On Components for Resusci® Junior\*

- LF03611** Defibrillation Chest Skin
- LF03612** Left Arm – IV Training
- LF03613** Right Arm – Blood Pressure Monitoring
- LF03614** Right Leg – Intraosseous Infusion/Femoral Access

