

Nasco
Life/form[®]

**AIRWAY MANAGEMENT
TRAINER
LF03601U
INSTRUCTION MANUAL**



Life/form[®] Products by NASCO



About the Simulator . . .

The *Life/form*® Airway Management Trainer is the most realistic simulator available for the training of intubation and other airway management skills. NASCO has taken great care to create an airway management trainer that is anatomically correct in respect to both size and detail. Landmarks include: nostrils, teeth, tongue, oral and nasal pharynx, larynx, epiglottis, arytenoid, false and true cords, trachea, esophagus, lungs, and stomach.

NASCO's Airway Management Trainer allows you to practice oral, digital, and nasal intubation. E.T., E.O.A., PTL®, and Combitube® insertion can all be practiced as well. Suction techniques and proper cuff inflation can also be performed and evaluated.

The Airway Management Trainer Head can be detached from the training stand and placed on CPARLENE® or Resusci® Anne™* brand manikins, creating a valuable mega-code component. With proper care, your *Life/form*® Airway Management Trainer will provide years of valuable service. Please review the instructions carefully for set-up, clean-up, and maintenance procedures.

List of Components:

1. Airway Management Trainer
2. 8 oz. Bottle of Lubricant
3. Left and Right Simulated Lungs
4. Simulated Stomach
5. REN Cleaner

Set Up:

The Airway Management Trainer is ready to use upon delivery. Simply remove it from the carton and unwrap the packaging material. The lung and stomach bags are already in place and ready to use.



Figure 1



Figure 2

Lubrication:

Before using the Airway Management Trainer, lubricate both the simulator and supplies being used with the NASCO lubricant provided (Figures 1 & 2).

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

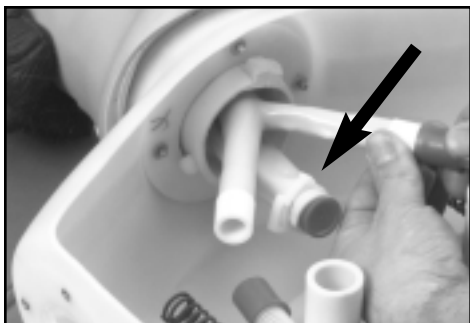


Figure 3
Removing the Head From the Stand:

To remove the head from the stand, the lungs and stomach bag must first be removed. Do this by sliding each lung out from the connector fitting and removing the clamp that holds the stomach in place (Figure 3).



Figure 4
 Next, turn the head slightly to the side to align the keyways with the slots, and pull the head from the stand (Figure 4).

To remount the head on the stand, simply reverse this procedure.

Attaching the Head to the Manikin:

As explained earlier, NASCO's Airway Management Trainer has the ability to be attached to both CPARLENE® and any of the Resusci®

Anne™* brand manikins. To attach the Airway Management Trainer Head to the above manikins, you must first remove the lungs and stomach bags if they are attached to the trainer.



Figure 5
 Next turn the head face down and begin inserting it at the shoulders. Tip the head upward slightly until the two keyways on the rear of the neck slide under the ring and into the top of the torso (Figure 5). Now match the single keyway on the neck front up to the slot on the backside of the torso, and push the head down until it snaps into place. Rotate the head back around so that it is facing up and in the correct position.

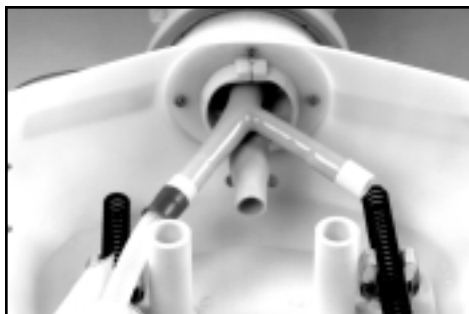


Figure 6
Connecting the Airways:
 Once the head is in place, connect the CPARLENE®'s lung bag to the right bronchus by sliding the cap plug over the white adapter in the bronchus (Figure 6).



Figure 7

Then use the red cap plugs provided to plug the esophagus and the left bronchus (Figure 7). This will ensure the system is sealed and operational.



Figure 9

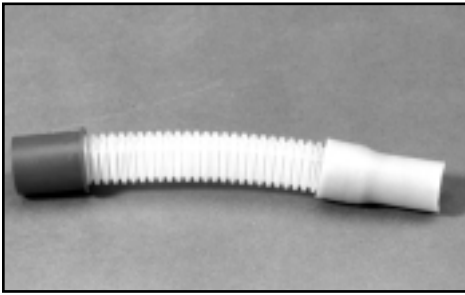


Figure 8

Note: Our Airway Management Trainer will fit on all models of CPARLENE® and Resusci® Anne™* manikins. To adapt the Airway Management Trainer Head to the Resusci® Anne™* we have included an adapter piece (Figure 8). Remove the Anne™ head and the connected section of corrugated tubing down to the valve. Install the Airway Management Trainer Head and hook it up to the lung system with the adapter piece. Place the red cap end over the white fitting of the right bronchus and hook the other end to the lung bag valve nipple (where the previous corrugated tubing had been connected).

To remove the head from the manikin, reverse the above procedure.



Figure 10

Cleaning and Maintenance:

To clean the Airway Management Trainer you will first need to remove the head from the stand. Next, take the trainer to an area with a sink and open counter space. Using the 3 red caps supplied, plug off the esophagus and the bronchi (Figure 9).

Stabilize the head on the counter face-up (towels work well for this) with the plugged 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 3" 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 be used to scrub inside the nostrils. When done, pull the plug from the esophagus and drain the water into the sink. Now pick the head up to a vertical position and pull the plugs from the trachea to completely empty the system (Figure 10).

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, as specified by the Centers for Disease Control, instead of soapy water. 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. 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. REN cleaner (W09919U) will remove stubborn stains. Simply apply REN to the soiled area and wipe clean with a soft cloth or paper towel. NOTE: Do not use REN cleaner around the mouth and nostrils of the head, 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.

Supplies/Replacement Parts for the Airway Management Trainer:

LF03605U Replacement Lung Kit

LF03606U Replacement Stomach Kit

LF03607U Airway Management Training Stand

LF03644U NASCO Spray Lubricant

W09919U REN Cleaner

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 <i>CRiSis</i> ™ Update Kit
LF00958U	Pediatric Injectable Arm	LF03616U	Child <i>CRiSis</i> ™ Manikin
LF00961U	Intramuscular Injection	LF03617U	Deluxe Child <i>CRiSis</i> ™ 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 <i>CRiSis</i> ™ Replacement Lung Set
LF01019U	Ear Examination	LF03628U	Child <i>CRiSis</i> ™ 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 Headskin
LF01027U	Peritoneal Dialysis	LF03632U	Child Intraosseous Infusion/ Femoral Access Leg on a Stand
LF01028U	Suture Practice Arm	LF03633U	Child Airway Management Trainer with Torso
LF01036U	Spinal Injection	LF03650U	<i>CRiSis</i> ™ Manikin
LF01053U	Cross-Sectional Anatomy, Torso, Head	LF03651U	ALS Update Kit
LF01054U	Cross-Sectional Anatomy, Head	LF03675U	BLS Manikin — 10 Pack
LF01062U	Pelvic, Normal & Abnormal	LF03676U	BLS Manikin — 5 Pack
LF01063U	Stump Bandaging, Upper	LF03677U	BLS Manikin — Single
LF01064U	Stump Bandaging, Lower	LF04001U	<i>GERi</i> ™ Nursing Manikin
LF01068U	Brachial Plexus	LF04020U	<i>KERi</i> ™ Nursing Manikin
LF01069U	Cervical Effacement	LF04021U	<i>KERi</i> ™ Basic Manikin
LF01070U	Birth Station	LF04022U	<i>KERi</i> ™ Advanced Manikin
LF01082U	Cricothyrotomy	LF04030U	<i>GERi</i> ™ Advanced Manikin
LF01083U	Tracheostomy Care	LF04040U	<i>GERi</i> ™ Basic Manikin
LF01084U	Sigmoidoscopic Examination		
LF01087U	Central Venous Cannulation		
LF01094U	Cross Sectional Anatomy — Laminated		
LF01095U	Blood Pressure Arm		
LF01108U	Intraosseous Infusion Simulator		
LF03000U	<i>CPARLENE</i> ® 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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