



Ostomy Care Simulator

LF00906U



Life/form
by Nasco Healthcare

About the Simulator

The **Life/form®** Ostomy Care Simulator is designed to help introduce the essentials of abdominal ostomy care to patients, students, and professionals. External and internal anatomy has been carefully simulated to offer a very realistic tactile experience, as well as lifelike functions. Dilation of the stomas can be demonstrated and practiced, but should be done just as carefully as if the simulator were a patient. The stoma and glove **MUST BE LUBRICATED!** Use K-Y Jelly as a lubricant. Make no other substitutions. Application of postoperative and permanent ostomy bags can be demonstrated and practiced. The colostomy can be used to demonstrate irrigation.

List of Components

- Two 2-oz. syringes
- Bag of simulated stool
- Latex glove
- Tube of K-Y Jelly

General Instructions for Use

1. Two syringes are furnished to supply realistic drainage and excretion at both the ileostomy and colostomy. The syringes are inserted through ports in the back of the simulator. An assistant is recommended to operate the syringes while the student, patient, or teacher is working on the simulator. **(See figure 1.)** If an assistant operates behind the simulator, they can add an element of surprise drainage to the ileostomy “dribble” as a more realistic learning experience.



Figure 1

One syringe is used for administering synthetic stool in the colostomy. The other syringe is to be used with the fluids for the ileostomy. Clear water, or water tinted with food color for exact realism, can be used in the ileostomy syringe.

2. The consistency of the synthetic stool can be made “thinner” by adding water. If exposed to air for a period of time, the stool will become thicker with loss of water content by evaporation. It can be “reconstituted” by adding water if not completely hardened. Most of the stool can be salvaged and reused.
3. The finger and/or instrument **MUST** be well lubricated before entry into either of the stomas. K-Y Jelly will serve this function satisfactorily. **DO NOT USE** petroleum-based lubricants such as Vaseline® or other petroleum jellies. They are incompatible with the plastics in the simulator and will cause rapid deterioration. Damage by petroleum products will void guarantees.

4. The colostomy has internal tubing arranged in such a way that the synthetic stool material can be introduced by way of the colostomy entry port at the back of the simulator and then expelled through the stoma on the front. Additionally, irrigation within the colostomy, through the stoma, can be accomplished with the irrigation fluid going directly into an external container. In a classroom situation, the drain hose can be directed to a pail or sink for continuous drainage.
5. A drain hose has been placed in the lower left extremity of the simulator to provide for emptying excess fluid administered during irrigation and cleansing of the colostomy. The hose is flexible and can be placed within the securing rings on either of the support panels, and thereby becomes a functional drain in either of the two positions (standing or lying on side) for which the simulator is designed.
6. The ileostomy or ileo-bladder consists of a tube connection from the back entry port to the stoma at the front of the torso. The syringe filled with water or stool can then be operated to realistically dribble while patient or student practices applying an apparatus.
7. The stomas have been designed to give a lifelike appearance and feel. Special soft plastic has been used to closely duplicate the human condition. If handled roughly or not lubricated, they will be damaged just as they would be on a live patient.
8. Cleaning the skin around the stoma prior to use is recommended for good adhesion and to promote good preparation procedures.
9. Do not attempt to use a substitute for **Life/form**® Synthetic Stool. Guarantee is VOID if other material is used.
10. As with all **Life/form**® Simulators, this unit must be handled as if it were a real patient for the best learning experience and longest service life.

Procedures That Can Be Performed on This Simulator

- Cleaning and washing of stomas
- Practice applying apparatus

Care of the Simulator

1. Immediately after use, the simulator should be flushed with warm water to cleanse the colostomy's internal tubing and prevent adherence and drying of the synthetic stool. Fill the syringe with water, insert the nozzle into the entry port, and forcefully expel the water through the tubing and out the stoma. Be certain to place a large plastic bag or comparable container over the front of the stoma, as the water will gush unevenly. If convenient, the simulator can be held over a sink or toilet. Flush until free of any "stool" particles.

2. The syringe should also be cleansed immediately in much the same fashion. Place the syringe nozzle in a container of warm water and repeat filling and emptying the syringe rapidly and forcefully.
3. Clean off any remaining adhesive around stomas after each use. Wash skin with mild liquid soap and water and rinse.
4. Normal soil accumulated on the surface of the simulator can be removed with mild soap and lukewarm water. Use Nasco Cleaner (LF09919U) to remove stubborn stains from the simulator. Simply spray soiled area and wipe clean with a soft cloth or paper towels.
5. Drain all fluid as thoroughly as possible before returning simulator to carrying case. Dry all available surfaces to prevent mildew formation in case.

Cautions

Solvents or corrosive materials will damage the simulator. Never place simulator on newsprint or any kind of printed paper or plastic. These materials will transfer indelible stains. Ball-point pen ink will also make an indelible stain.

Tips

- Make sure that there is no lubricant/stool/dirt on the skin before applying ostomy bag. Please cleanse stoma area with warm soapy water or alcohol wipe and let simulator completely dry before attaching bag.
- If ostomy bag does not adhere to simulator, place bag under arm and hold for 30-45 seconds to warm adhesive on bag. Bags need warmth to stick properly. Bags being attached to a simulator may have difficulty adhering.

Supplies/Replacement Parts for the Ostomy Care Simulator

LF00896U Adult Ostomy Bag

LF00897U Adult Ostomy Kit (includes stool, lubricant, glove, and 2 syringes)

LF00962U Simulated Stool

LF09919U Nasco Cleaner

LF01116U Lubricating Jelly

Other Available *Life/form*® Simulators

LF00690U	Episiotomy Suturing Set	LF01235U	Pelvic, Normal & Abnormal
LF00698U	Adult Injectable Arm (Light)	LF03601U	Adult Airway Management Trainer with Stand
LF00855U	Male Catheterization	LF03602U	Adult Airway Management Manikin
LF00856U	Female Catheterization	LF03609U	Child Airway Management Trainer with Stand
LF00901U	Prostate Examination	LF03616U	Child CRiSis ™ Manikin
LF00929U	Surgical Bandaging	LF03617U	Deluxe Child CRiSis ™ Manikin with Arrhythmia Tutor
LF00957U	Enema Administration	LF03623U	Infant Airway Management Trainer with stand
LF00958U	Pediatric Injectable Arm	LF03632U	Child Intraosseous Infusion/ Femoral Access Leg on a Stand
LF00961U	Intramuscular Injection	LF03633U	Child Airway Management Trainer Torso
LF00984U	Breast Examination	LF03693U	Basic Buddy ® CPR Manikin
LF00994U	Cricothyrotomy	LF03699U	“Airway Larry” Airway Management Trainer
LF00995U	Arterial Puncture Arm	LF03709U	Infant CRiSis ™ Manikin
LF00999U	Pediatric Injectable Head	LF03720U	Baby Buddy ® Infant CPR Manikin
LF01005U	First Aid Arm	LF03750U	Bariatric CPR Manikin
LF01008U	Intradermal Injection Arm	LF03770U	Chest Tube Manikin
LF01012U	Heart Catheterization (TPN)	LF03943U	CPARLENE ® Basic
LF01027U	Peritoneal Dialysis	LF03953U	CRiSis ™ Manikin, Complete
LF01028U	Suture Practice Arm	LF03955U	Deluxe CRiSis ™ Manikin
LF01034U	Suture Practice Leg	LF03956U	Deluxe “Plus” CRiSis ™ Manikin
LF01036U	Spinal Injection	LF03965U	Adult CRiSis ™ Auscultation Manikin
LF01037U	Hemodialysis Practice Arm	LF03966U	Adult CRiSis ™ Auscultation Manikin with ECG Simulator
LF01068U	Cervical Effacement	LF04038U	Basic KERI ™ Manikin
LF01070U	Birth Station	LF04039U	Basic GERI ™ Manikin
LF01083U	Tracheostomy Care	LF04200U	Adult Sternal Intraosseous Infusion
LF01084U	Colonoscopy Examination	LF06001U	CPR Prompt® Adult/Child Manikin
LF01087U	Central Venous Cannulation	LF06012U	CPR Prompt® Infant Manikin
LF01095U	Blood Pressure Arm		
LF01108U	Infant Intraosseous Infusion		
LF01121U	Advanced IV Arm		
LF01131U	Venipuncture and Injection Arm		
LF01139U	Advanced IV Hand		
LF01142U	Auscultation Trainer		
LF01143U	Testicular Exam		
LF01152U	Male & Female Catheter		
LF01162U	Venatech IV Trainer		
LF01174U	NG Tube & Trach Skills		
LF01184U	Venatech IM & Sub Q		

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