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Ostomy Care Simulator LF00906U Instruction Manual



Life/form® Products by Nasco

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



Figure 1

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.

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	K-Y Jelly

- LF00698U** Adult Injectable Arm (White)
LF00855U Male Catheterization
LF00856U Female Catheterization
LF00901U Prostate Examination
LF00906U Ostomy Care
LF00929U Surgical Bandaging
LF00957U Enema Administration
LF00958U Pediatric Injectable Arm
LF00961U Intramuscular Injection
LF00984U Breast Examination
LF00995U Arterial Puncture Arm
LF00999U Pediatric Injectable Head
LF01005U First Aid Arm
LF01008U Intradermal Injection Arm
LF01012U Heart Catheterization (TPN)
LF01019U Ear Examination
LF01027U Peritoneal Dialysis
LF01028U Suture Practice Arm
LF01034U Suture Practice Leg
LF01036U Spinal Injection
LF01037U Hemodialysis Practice Arm
LF01038U Episiotomy Suturing Set
LF01042U Suture Kit
LF01062U Pelvic, Normal & Abnormal
LF01063U Stump Bandaging, Upper
LF01064U Stump Bandaging, Lower
LF01069U Cervical Effacement
LF01070U Birthing Station
LF01082U Cricothyrotomy
LF01083U Tracheostomy Care
LF01084U Sigmoidoscopic Examination
LF01087U Central Venous Cannulation
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
LF01155U Advanced CPR Dog
LF01162U Venatech IV Trainer
LF01174U NG Tube & Trach Skills
LF01184U Venatech IM & Sub Q
LF01193U Special Needs Baby
LF03000U **CPARLENE**® Series
LF03601U Adult Airway Management Trainer with Stand
LF03602U Adult Airway Management Manikin
LF03609U Child Airway Management Trainer with Stand
LF03616U Child **CRiSis**™ Manikin
LF03617U Deluxe Child **CRiSis**™ Manikin with Arrhythmia Tutor
LF03620U PALS Update Kit
LF03623U Infant Airway Management Trainer with stand
LF03632U Child Intraosseous Infusion/ Femoral Access Leg on a Stand
LF03633U Child Airway Management Trainer Torso
LF03693U **Basic Buddy**® CPR Manikin
LF03699U "Airway Larry" Airway Management Trainer
LF03709U Infant **CRiSis**™ Manikin
LF03720U **Baby Buddy**™ Infant CPR Manikin
LF03750U Fat Old Fred
LF03760U Airway Management/Cricoid Pressure Trainer
LF03770U Chest Tube
LF03953U **CRiSis**™ Manikin, complete
LF03955U Deluxe **CRiSis**™ Manikin
LF03956U Deluxe "Plus" **CRiSis**™ Manikin
LF03965U Adult **CRiSis**™ Auscultation Manikin
LF03966U Adult **CRiSis**™ Auscultation Manikin with ECG Simulator
LF04000U **GERI**™/**KERI**™ Manikin Series
LF04200U Adult Sternal Intraosseous Infusion
LF06001U **CPR Prompt**® Adult/Child Manikin
LF06012U **CPR Prompt**® Infant Manikin
LF06200U **CPR Prompt**® Keychain Rescue Aid
LF06204U **CPR Prompt**® Rescue and Practice Aid

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