MALE CATHETERIZATION SIMULATOR
LF00855U
INSTRUCTION MANUAL

Other Available Life/form Simulators
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 Artery Puncture Arm
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
LF01052U 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 Intravenous Infusion
LF01121U Advanced IV Arm
LF01131U Venipuncture and Injection Arm
LF01139U Advanced IV Hand
LF01142U Aspiration 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 CPR-LENE Series
LF03601U Adult Airway Management Trainer with Stand
LF03602U Adult Airway Management Trainer
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 Intravenous Infusion/Femoral Access Leg on a Stand
LF03633U Child Airway Management Trainer
LF03639U Basic Buddy CPR Manikin
LF03699U “Airway Larry” Airway Management Trainer

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About the Simulator...

The Life/form Male Catheterization Simulator is designed to duplicate the human condition as closely as modern plastics technology allows. Care and treatment should be used since abuse or rough treatment will damage the simulator almost as it would injure or cause pain to a patient. With responsible care, the simulator will last for thousands of catheterizations.

Note: To avoid the possibility of leakage, make sure to use the 16 French Foley catheter supplied with the simulator.

List of Components

- Life/form male catheterization simulator
- Life/form simulator lubricant
- 16 French Foley silicone catheter
- Administration unit

Internal Structure

- Simulated bladder
- Simulated mucosal folds
- Simulated bulbous urethra
- Simulator internal urethra sphincter

General Instructions for Use

Note: Administration unit is a modified enema bag.

A. To fill the administration unit (water reservoir):
   1. Hang the administration unit 18" above the simulator. Use ring stand or similar device.
   2. Close clamp on tube.
   3. Spread opening at top of bag and fill container with DISTILLED WATER.
   4. Press to close zipper. Start at one end, then continue along length of zipper.

B. To prepare simulator for catheterization:
   1. Place the Male Catheterization Simulator on the bottom of the legs with the plastic top in an upright position. Place the drain tube in a water safe container.
   2. Connect the quick-disconnect fittings of the administration unit. Check to be sure the Dura-Clamp on the drain tube is closed. (See figure 1.)
   3. Open the clamp on the administration unit and the Dura-Clamp on the simulator drain tube.
   4. Allow water to flow out of the simulator drain tube to be sure tubing is clear of any obstructions. Close Dura-Clamp. The system is now filled with water and pressurized.
   5. Place simulator on its back for proper catheterization position.

C. Catheter selection:
   1. Use only 16 French Foley catheters. The Male Catheterization Simulator is precisely engineered to provide the most lifelike experience possible. Use of the 16 French Foley catheter facilitates catheterization and helps minimize damage to the simulated urethra. Use of larger catheters results in unnecessarily difficult catheterization procedures. Use of smaller sizes will result in leakage around the catheter.
**Note:** Special care should be taken when using a Foley catheter. Cuff inflation should only be attempted when the catheter is in the proper position inside the bladder. Just as in a real patient, the cuff must be completely deflated before the catheter is removed. Improper use of a Foley catheter can result in damage to the simulator.

**D. Lubrication:**
1. Lubricate the simulator urethra and catheter liberally EVERY TIME a catheterization procedure is attempted. This provides maximum realism and minimizes damage to the urethra wall of the simulator.
2. Use only Life/form, simulator lubricant (LF00985U) or Ivory™ liquid soap. Make NO OTHER substitutions. Even water-soluble lubricants such as K-Y Jelly tend to build up in the urethra over a period of time.
3. Initial use after long storage or heavy usage during a long class session will require heavy lubrication. Do this by inserting the lubricated catheter about half way, then remove and relubricate several times before inserting the catheter fully. This procedure facilitates a successful initial catheterization by students.

**Catheterization Procedure**

**A. Lubricate catheter by coating with Life/form, simulator lubricant or Ivory™ liquid soap. (See figure 2.)**

**B. Slowly insert the catheter about 2” into urethra with the penis in the normal hanging position until the restriction simulating the mucosal fold is encountered. (See figure 3.)**

**C. Withdraw the catheter a little and stretch the penis slightly to straighten the blockage of the mucosal fold. (See figure 4.)**

**D. Proceed by inserting the catheter another 2”. You have now approached the bulbous urethra. Elevate the penis about 60° to straighten the urethra and proceed with the insertion. (See figure 5.)**

**E. The next restriction is the simulated sphincter entering the bladder. With experience, you will feel a “pop” as the catheter passes into the bladder. (See figure 6.) It will require about 12” of catheter. Continue insertion until water flows from the catheter.**

**Causes for Failure in Function**
- Lack of sufficient lubrication — see General Instructions for Use — D. Lubrication
- Water does not flow even after proper insertion – check administration unit water level. If there is still no water, remove catheter and repressurize the system following General Instructions for Use — B. To prepare the simulator for catheterization.

**Care of Simulator**

Normal soil on the surface of the simulator can be removed with mild soap and warm water. Use REN cleaner (W09919U) to remove stubborn stains from simulator. Simply spray soiled area and wipe clean with cloth or paper towels.

Do not store simulator for extended periods of time with water in the unit. Before returning simulator to the case, drain as much liquid as possible from the bladder.

To do this, place the simulator upright on the lid. Open the Dura-Clamp, then close the clamp on the administration unit and pull the quick-disconnect apart over a water safe container. (See figure 7.) Any residual water inside the simulator should drain out through the quick-disconnect fitting. Dry all surfaces to prevent mildew formation while stored in the case.

Before storage, be sure to remove the catheter from the urethra. The lubricant can dry out and act as a mild adhesive if the catheter is left in place. This results in damage to the simulator when removed.

**Cautions**

Solvents or corrosive materials will damage the simulator. Never place the simulator on any kind of printed paper or plastic. These materials will transfer indelible stains. Ball point pens will also make indelible stains.

**Supplies/Replacement Parts for Male Catheterization Simulator**
- LF00985U, Life/form, simulator lubricant
- W09919U, REN cleaner
- LF01127U, Foley urethral catheters, (pkg. of one)
- LF01128U, Foley urethral catheters, (pkg. of 10)
About the Simulator...
The **Life/form** Female Catheterization Simulator is designed to duplicate the human condition as closely as modern plastics technology allows. Care and treatment during use should be the same as with a patient, since abuse or rough treatment will damage the simulator almost as it would injure or cause pain to a patient. With reasonable care, the simulator will last for thousands of catheterizations.

**NOTE:**
Avoid the possibility of leakage, make sure you use the 16 French Foley catheter supplied with the simulator.

**List of Components**

1. Administration Unit
2. Plastic Pad
3. 16 French Foley Catheter
4. Life/form Simulator Lubricant

**General Instructions for Use**

A. To Fill the Flexible Administration Unit (water reservoir):

1. Hang the flexible administration unit 18” above the simulator. Use ring stand or similar device.
2. Close clamp on tube.
3. Spread opening at top of bag, fill container with DISTILLED WATER.
4. Press to close zipper. Start at one end, then continue along length of zipper.

B. To Prepare Simulator for Catheterization:

1. The Female Catheterization Simulator should be placed without the plastic pad in position.
2. With the pad removed, the leg should rest on a flat surface.
3. Hang the administration unit 18” above the simulator. Do not hang higher because the increased pressure can cause leakage.

C. Catheter Selection

1. Use only 16 French Foley catheters. The Female Catheterization Simulator is precisely engineered to provide the most realistic experience possible. Use of the 16 French Foley catheter facilitates catheterization and helps minimize damage to the urethra of the catheterization simulator.

D. Lubrication

1. Lubricate the simulator urethra and catheter liberally. EACH TIME a catheterization procedure is attempted. This provides maximum realism and minimizes damage to the urethra wall of the simulator.
2. Use only **Life/form** Simulator Lubricant (LF00985U) or Ivory liquid detergent. Make NO OTHER substitutions. Even water soluble lubricants such as KY Jelly can build up on the urethra over a period of time.
3. Initial use after long storage or heavy usage during a long class session will require heavy lubrication. Do this by inserting the lubricated catheter about half-way, then remove and relubricate several times before inserting the catheter fully. This procedure facilitates a successful initial catheterization by students.

**Procedures That Can Be Performed on This Simulator**

**Female Catheterization**

1. Lubricate catheter.
2. Slowly insert catheter through simulated sphincter. With experience, you will feel a "pop" as the catheter passes into the bladder. The simulator requires about 3” of catheter. Continue insertion until water flows from catheter.

Use of larger catheters results in unnecessarily difficult catheterization procedures. Use of smaller catheters results in leakage around the catheter.

**NOTE:** Special care should be taken when using a Foley catheter. Cuff inflation could only be attempted when it is in the proper position inside the bladder. Just as in a real patient, the cuff must be completely deflated before the catheter is removed. Improper use of a Foley catheter can result in damage to the simulator.

**Care of Simulator**

Normal soil accumulated on the surface of the simulator can be removed with mild soap and lukewarm water. Use **Life/form** Cleaner (W09919U) to remove stubborn stains from simulator. Simply spray soiled area and wipe clean with a soft cloth or paper towels.

**Fig 1**

3. Connect the quick-disconnect fittings of the administration unit to the simulator. Check to be sure the Dura-Clamp® (drain) on the simulator is closed. (Fig. 1)
4. Open clamp on tube of administration unit.
5. Open Dura-Clamp® (drain) on simulator until distilled water flows out of plastic tubing. (Fig 2) Close Dura-Clamp® (drain). The system is now fully pressurized, and ready to use.

**Fig 2**

6. Position the plastic pad between legs and under buttocks to allow the proper angle of the simulator for catheterization.

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**Fig 3**

3. Do not store simulator for extended periods of time with water in the unit. Before returning simulator to the case, drain as much liquid as possible from the bladder. To do this, open the Dura-Clamp® (drain), holding it upside down and high in the air. Then close the clamp on the administration unit and pull the quick-disconnect fittings apart over a tray. (Fig 3) Dry all surfaces to prevent mold formation in the case.

Remove the catheter from the urethra after using. If catheter is left in the bladder, the lubricant will dry out and act as a mild adhesive. This results in damage when the catheter is finally removed.

**Cautions**

Solvents or corrosive materials will damage the simulator. Never place simulator 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 Female Catheterization Simulator**

**Life/form** Simulator Lubricant W09919U

**K-Y Jelly**

**RENEW Cleaner (W09920U)**

**Fig 4**

1. Hang the flexible administration unit 18” above the simulator. Use ring stand or similar device.
2. Close clamp on tube.
3. Spread opening at top of bag, fill container with DISTILLED WATER.
4. Press to close zipper. Start at one end, then continue along length of zipper.

B. To Prepare Simulator for Catheterization:

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