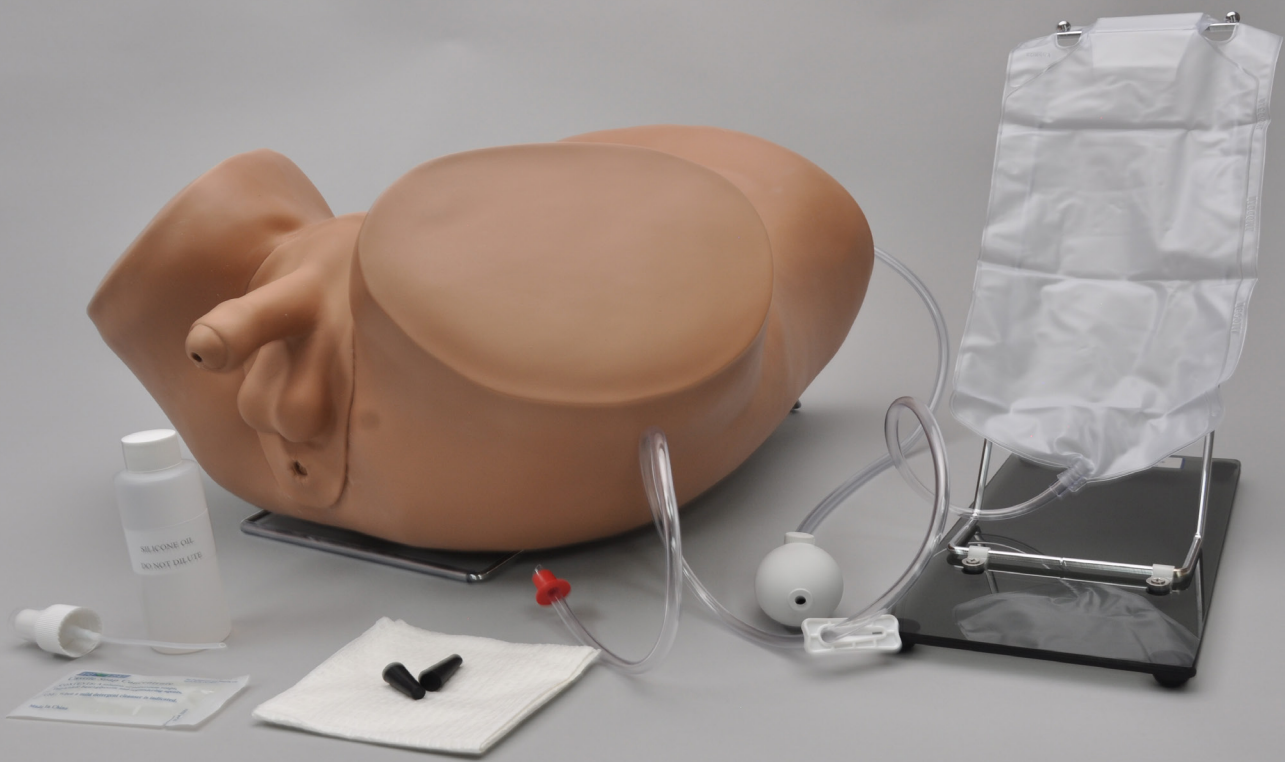


Advanced Patient Care Male Catheterization Simulator

S230.7



Gaumard[®]
Simulators for Health Care Education

Advanced Patient Care Male Catheterization Simulator is an interactive educational system developed to assist a certified instructor. It is not a substitute for a comprehensive understanding of the subject matter and not intended for clinical decision making.

User Guide 13.10.1
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Care and Cautions

Overall Warnings

Damage caused by misuse may void the manufacturer's warranty. Failure to comply with the following guidelines may result in injury or damage to the equipment. Additional warnings are found throughout the document.

GENERAL

This simulator is constructed of material that approximates skin texture. Therefore, in handling the model, use the same gentle techniques as you would in working with a patient.

Do not wrap this or any other Gaumard product in newsprint.

Indelible marks made with ballpoint pens, ink or marker cannot be removed.

Do not use alcohol, acetone, Betadine® or any other antiseptic which contains iodine in this or any Gaumard® simulator. These products could damage or stain the skin of the simulator.

STORAGE

Improper storage may damage the simulator. Keep it stored in the box and/or bag provided.

Store the simulator in a cool, dry place. Extended storage should be between 32 - 85 degrees F (0-29 Celsius). Other temperatures will cause the simulator to soften and slowly warp.

Do not stack or store heavy materials on top of the box and/or bag.

It is acceptable to operate the simulator at an ambient temperature of 95 degrees Fahrenheit (35 Celsius).

CLEANING

Clean the skin of the simulator after every training session. The skin should be cleaned with a cloth, dampened with diluted liquid dish washing soap.

Do not clean with harsh abrasives.

Dry thoroughly.

The simulator is "splash-proof" but not water-proof. Do not submerge or allow water to enter the interior of the simulator.

Getting Started

Overview

The S230.7 Advanced Patient Catheterization Simulator is an advanced training tool useful to illustrate the following procedures:

- Male Catheterization
- Rectal Examination (Palpations)

The simulator is equipped with the following features:

APPEARANCE

- Medium skin tone is the standard simulator color; light or dark skin is available at no extra cost.

SIMULATOR

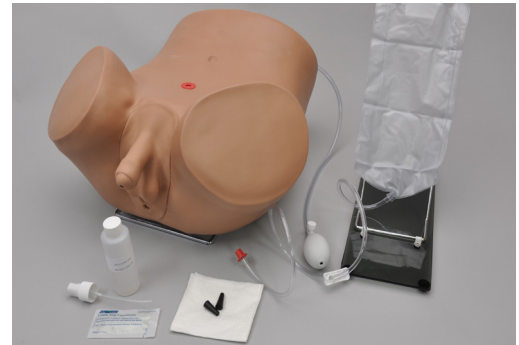
- Full-size adult lower torso with leg stumps

OTHER

- One year limited warranty

Contents

Item	Quantity	Description
1	1	Real size lower human torso with male genitalia
2	1	Internal suprapubic bag
3	1	Internal inflatable bag with squeeze bulb
4	1	Mounted external/auxiliary tank
5	1	Silicone oil bottle
6	1	Metal stand with acrylic base
7	2	Stoppers
8	1	Soap packet
9	1	Clamp
10	1	Instruction manual
11	1	Soft carrying bag



Terminology

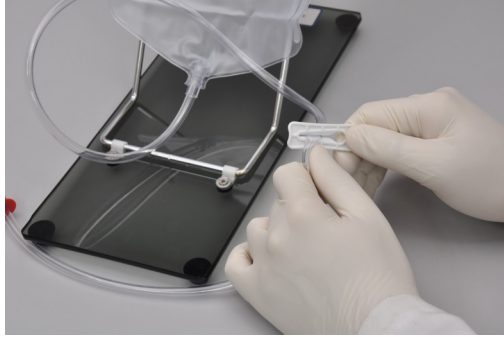
FACILITATOR - the person conducting the simulation; an instructor or lab staff member.

PROVIDER - a person participating in the simulation as a healthcare provider.

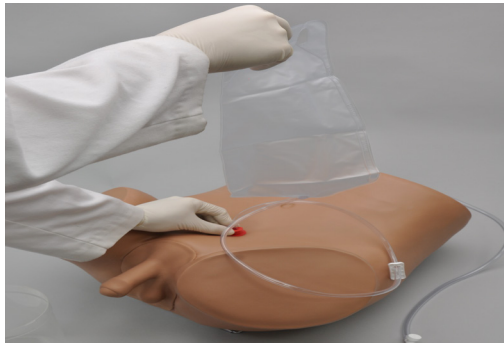
Equipment Set Up

FILLING THE SACS.

1. Place the Male Catheterization Simulator in the location where it will be demonstrated
2. Fill the external bladder tank with water and position it on the stand next to the simulator, ensure the clamp is tightened.



3. Insert the hose from the external bladder tank to the simulator's abdominal port.
4. To fill the internal bladder tank, raise the external bladder tank above the simulator and open the clamp.



5. When the water transfer has been completed, put the auxiliary tank back on the stand, apply the clamp and disconnect it from the simulator.
6. Use the stopper to plug the open port on the abdomen.

Working with the Simulator

Simulator Features

BLADDER CATHETERIZATION

One of the most important elements of nursing care is bladder catheterization, i.e. the removal of urine from the bladder by the introduction of a catheter. The S230.7 was designed with realistic features that permit bladder catheterization training. The simulator allows catheterization in the seated or recumbent position. Internal mechanisms of the simulator permit the instructor to:

- Teach catheterization techniques.
- Familiarize trainees with male external anatomy.
- Feel resistance during insertion of catheter.
- Feel simulated bladder contraction.

The figure below shows a simulated male bladder catheterization with the use of a urinary catheter.

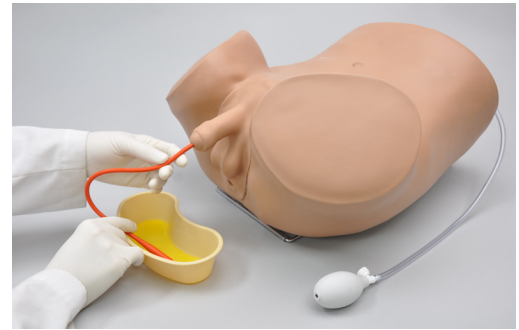
DIRECTIONS FOR USE

When practicing catheterization, the penis must be manipulated to permit the passage of the 18 Fr urinary catheter.

1. Collect items required for procedure, and move simulator to desired position and location.
2. Position a urine “catch-basin” below the penis. The drain end of the catheter will lead to here.



3. Please refer to “Filling the Sacs” in Chapter 3 “Equipment Set Up” to prepare the simulator for use.
4. Apply lubricant to catheter.
5. Continue procedure following aseptic technique.



Always lubricate the catheter using silicone lubricant. Failure to lubricate the catheter will damage the internal valves and cause leakage.

SIMULATING BLADDER CONTRACTION

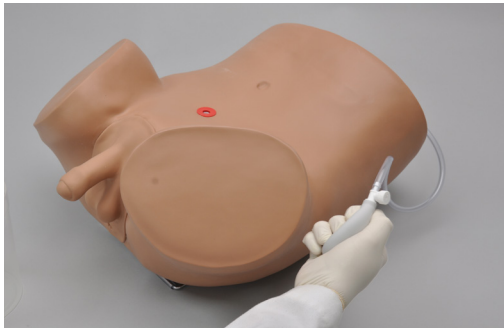
Bladder catheterization exercises may also be carried out with the aid of an auxiliary tank placed upon a stand near the simulator, to simulate bladder contraction. Fill the tank with water, apply the clamp and attach to the suprapubic stoma of the simulator. The elevation of the tank and loosening of the clamp provides gravity feed of the fluid to simulate bladder contractions when catheter is inserted.

When you get a good feel for increasing the urinary outflow with the squeeze bulb, you may also utilize it for simulating contractions.

INCREASING URINARY OUTFLOW

Bladder catheterization exercises may also be carried out with the aid of the airbag and squeeze bulb located in the anterior of the manikin. Squeezing the bulb with the air valve closed will cause the internal airbag to inflate and press upon the internal bladder tank, simulating contraction.

The valve may be turned to open in order to release air from the internal airbag.



WARNING

When inflating the internal airbag with the squeeze bulb, be careful to not over-inflate as this may damage the airbag.

MALE CATHETERIZATION

The urethra is connected to an internal urinary bladder. Leakage is minimized through removable internal valves located between the urethra opening and the bladder. Training on asepsis and disinfection is also possible.

Apply silicone oil to the catheter tip before catheterization.

RECTAL EXAMINATION

Rectal wall can be palpated using the simulator.



Appendix

Warranty

EXCLUSIVE ONE-YEAR LIMITED WARRANTY

Gaumard warrants that if the accompanying Gaumard product proves to be defective in material or workmanship within one year from the date on which the product is shipped from Gaumard to the customer, Gaumard will, at Gaumard's option, repair or replace the Gaumard product.

This limited warranty covers all defects in material and workmanship in the Gaumard product, except:

Damage resulting from accident, misuse, abuse, neglect, or unintended use of the Gaumard product;

Damage resulting from failure to properly maintain the Gaumard product in accordance with Gaumard product instructions, including failure to properly clean the Gaumard product; and

Damage resulting from a repair or attempted repair of the Gaumard product by anyone other than Gaumard or a Gaumard representative.

This one-year limited warranty is the sole and exclusive warranty provided by Gaumard for the accompanying Gaumard product, and Gaumard hereby explicitly disclaims the implied warranties of merchantability, satisfactory quality, and fitness for a particular purpose. Except for the limited obligations specifically set forth in this one-year limited warranty, Gaumard will not be liable for any direct, indirect, special, incidental, or consequential damages, whether based on contract, tort, or any other legal theory regardless of whether Gaumard has been advised of the possibilities of such damages. Some jurisdictions do not allow disclaimers of implied warranties or the exclusion or limitation of consequential damages, so the above disclaimers and exclusions may not apply and the first purchaser may have other legal rights.

This limited warranty applies only to the first purchaser of the product and is not transferable. Any subsequent purchasers or users of the product acquire the product "as is" and this limited warranty does not apply.

This limited warranty applies only to the products manufactured and produced by Gaumard. This limited warranty does not apply to any products provided along with the Gaumard product that are manufactured by third parties. For example, third-party products such as computers (desktop, laptop, tablet, or handheld) and monitors (standard or touch-screen) are not covered by this limited warranty. Gaumard does not provide any warranty, express or implied, with respect to any third-party products. Defects in third-party products are covered exclusively by the warranty, if any, provided by the third-party.

Any waiver or amendment of this warranty must be in writing and signed by an officer of Gaumard.

In the event of a perceived defect in material or workmanship of the Gaumard product, the first purchaser must:

Contact Gaumard and request authorization to return the Gaumard product. Do **NOT** return the Gaumard product to Gaumard without prior authorization.

Upon receiving authorization from Gaumard, send the Gaumard product along with copies of (1) the original bill of sale or receipt and (2) this limited warranty document to Gaumard at 14700 SW 136 Street, Miami, FL, 33196-5691 USA.

If the necessary repairs to the Gaumard product are covered by this limited warranty, then the first purchaser will pay only the incidental expenses associated with the repair, including any shipping, handling, and related costs for sending the product to Gaumard and for sending the product back to the first purchaser. However, if the repairs are not covered by this limited warranty, then the first purchaser will be liable for all repair costs in addition to costs of shipping and handling.

Extended Warranty In addition to the standard one year of coverage, the following support plans are available: Two-Year Extension (covers second and third years)

Call for pricing (USA only)



Gaumard[®]
Simulators for Health Care Education

Contact Us

E-mail Technical Support: support@gaumard.com

Before contacting Tech Support you must:

1. Have the simulator's Serial Number
2. Be next to the simulator if troubleshooting is needed.

E-mail Sales and Customer Service: sales@gaumard.com

Phone: Toll-free in the USA: (800) 882-6655

Worldwide: 01 (305) 971-3790

Fax: (305) 667-6085

Post: Gaumard Scientific

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General Information

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