

INSTRUCTION MANUAL

S230.7

ADVANCED PATIENT CARE MALE CATHETERIZATION SIMULATOR

GAUMARD® Scientific
14700 SW 136 Street
Miami, FL 33196-5691
800-882-6655 USA Toll Free
305-666-8548 Worldwide
305-667-6085 Fax
e-mail: sima@gaumard.com

1998 GAUMARD Scientific Company, Inc.
All Rights Reserved

Revised December, 1998

 Property of:

Learning Resources Center
Bio-Information Center
CREIGHTON UNIVERSITY
28th & Burt Street
Omaha, NE 68178

PLEASE READ THE FOLLOWING INSTRUCTIONS PRIOR TO
COMMENCING TRAINING EXERCISES ON YOUR NEW MANIKIN.

HANDLE YOUR SIMULATOR IN THE SAME MANNER AS YOU WOULD
YOUR PATIENT - WITH CARE AND CONSIDERATION.

SHOULD YOU HAVE ANY QUESTIONS AFTER READING THIS
INSTRUCTIONAL MANUAL, PLEASE CALL OUR TOLL-FREE NUMBER
(800) 882-6655.

INTRODUCTION

One of the most important elements of nursing care is bladder catheterization, i.e. the removal of urine from the bladder by introduction of a catheter. This procedure must be conducted under strict aseptic conditions to prevent subsequent infection or inflammation of the urinary tract.

The **S230.7** Male Catheterization simulator consists of a male adult lower torso with leg stumps, permitting catheterization in the seated or recumbent position. A suprapubic cystostomy opening is also present for practice in stoma management and maintenance. The simulator has a soft vinyl male organ, which contains the urethra. The urethra is connected to an internal urinary bladder through a one-way valve.

Setup

Correct simulator set-up is essential!

1. Place the male catheterization simulator in the location where it will be demonstrated.
2. Position a “catch-basin” below the penis.
3. Fill the external bladder tank with water and position it on the stand next to the simulator, making sure the valve is closed.
4. Insert the hose of the external bladder tank into the simulator stoma.
5. To fill the internal bladder tank, raise the external bladder tank above the simulator and open the valve.

It will take approximately one (1) minute to fill the internal tank. When the internal tank is full, close the valve and place the external bladder tank on the stand. **DO NOT ATTEMPT TO REMOVE THE EXTERNAL BLADDER TANK UNTIL THE INTERNAL TANK IS EMPTY.**

INSTRUCTIONS

When practicing catheterization, the penis must be manipulated to permit passage of the catheter, as in the male patient. The realistic simulation of the male genitalia also permits instruction in asepsis and disinfection. A "one-eye" #18 French catheter is recommended for most effective use of the simulator. The gravity feed of the fluid simulates the contraction of the bladder, and adds realism to the procedure.

The simulator also demonstrates the appearance of an ostomy opening in the patient who has a suprapubic stoma as a result of surgery on the bladder or prostate. Relevant drainage exercises may also be performed on the S230.7.

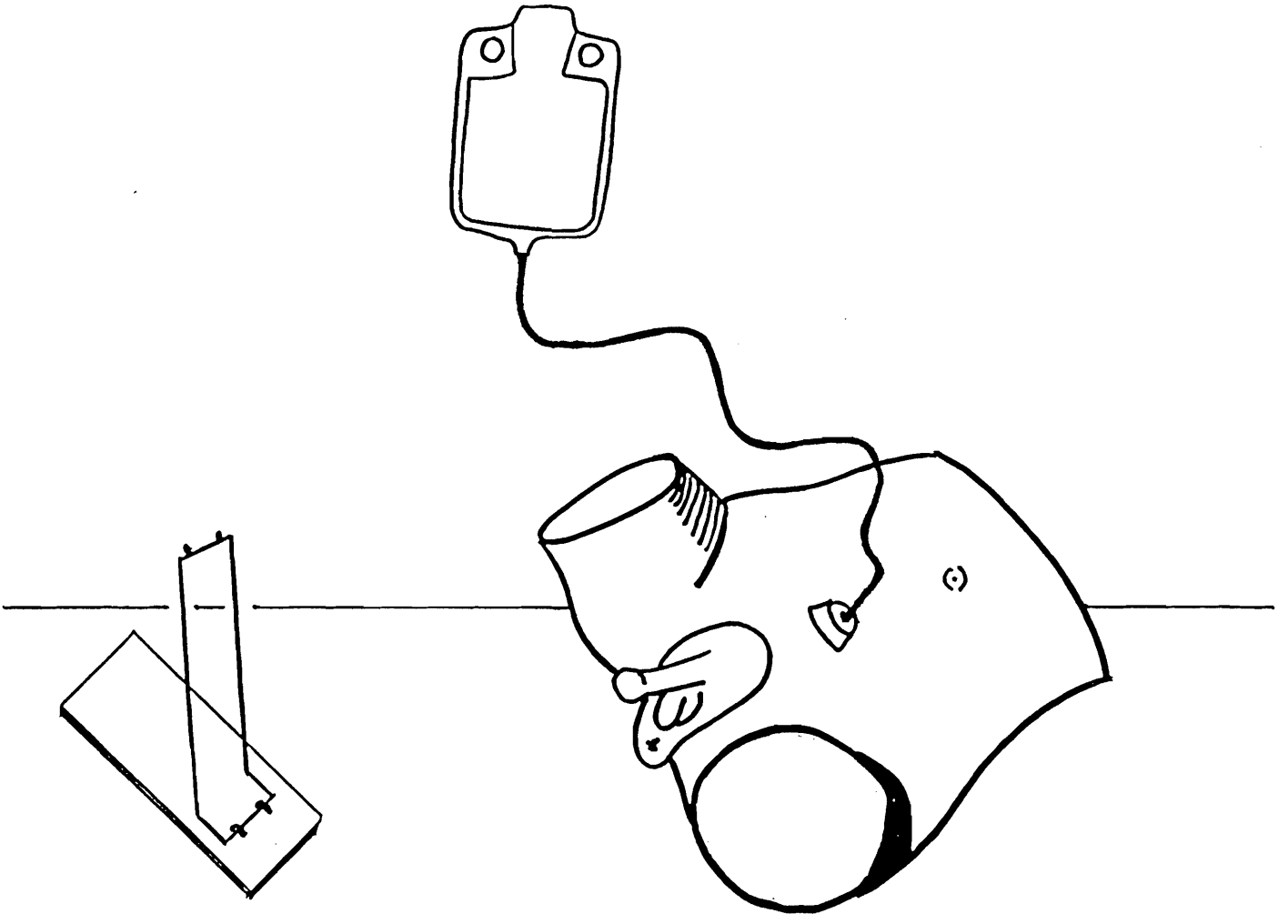
ALWAYS USE A LUBRICANT WHEN INTRODUCING A CATHETER OR INVASIVE DEVICE. IN ADDITION, PLEASE NOTE THAT REPEATED STERILIZATION OF OLDER CATHETERS CAN CAUSE A VARIANCE IN CATHETER DIAMETER. SEVERAL CATHETERS SHOULD BE TRIED TO DETERMINE A PROPER FIT.

TROUBLESHOOTING

If the simulator leaks please note that the Male Catheterization simulator is equipped with a one-way valve. In order to allow the catheter to pass easily, the valve has been manufactured from a thin, pliable material. This may cause the valve flaps to mis-align slightly causing a drip. If this occurs, insert and remove the catheter to reseal and re-align the one-way valve.

There may not be an immediate outflow of water on introduction of the catheter, especially if catheterization is performed with the simulator in the supine position. Should an airlock/blockage occur, simply inject air through the catheter. This should cause the reservoir to function normally.

This series of clinical simulators is designed to simulate the sensitivity of the human urinary system. For this reason, the bladder tank will disengage internally from the flange in the event that a catheter is inserted with excessive force. In this case, remove the catheter, reattach the bladder tank, and reinsert the catheter more gently, applying lubricant as necessary.



CLEANING

The simulator may be cleaned with a mild detergent, or with soap and water. Do not clean with harsh abrasives.

Indelible marks made with ballpoint pens, ink, or markers will remain.

Do not wrap the simulator or any **SIMA** product in newsprint.

If you have any questions pertaining to the SIMA simulator described in this manual, please call the Customer Service Department at (800) 882-6655 for additional assistance.