

# Urethral Catheterization Model

LM-061

## Instruction Manual

Thank you for purchasing Urethral Catheterization Model.

Please read this instruction manual carefully to ensure correct use of the product, and store it in a safe place for easy access.

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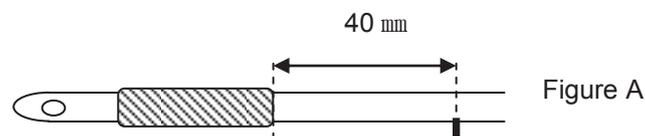


## Handling and Safety Precautions

**These precautions should be strictly observed in order to ensure safe, long-term use of the product.**

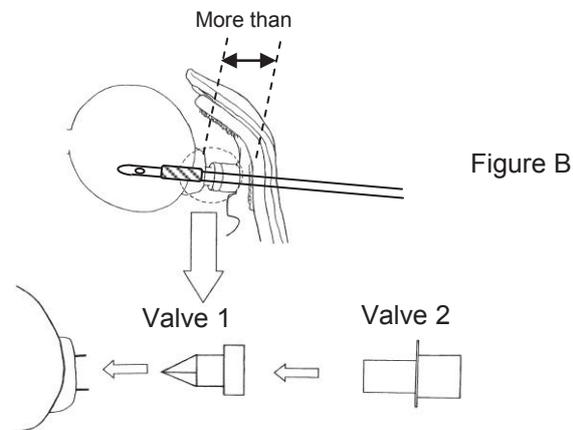
### The following precautions should be observed particularly strictly:

- (1) This product corresponds to 14Fr indwelling catheters. Please use the attached 14Fr indwelling catheter, and fill up a balloon at 5ml. If it is filled up with volume exceeding 5ml, valve 1 (refer to Figures A and B below) may be damaged. And if any catheter other than the attached catheter is used, inconveniences with the practical training, such as leaking of water or, blocking the catheter from passing through the valve may occur.
- (2) This model allows the water in the bladder to flow from the urethral opening when a catheter is inserted at about 45mm in depth.
- (3) Because of the structure of this model, inflate the balloon after inserting a catheter to the position more than 40mm from the end of the catheter balloon and going through the Valve 1; otherwise the Valve 1 gets damaged. (Refer to the Figure A and B as follow.) Put a mark on the catheter in advance and be sure to inflate the balloon after inserting a catheter to the position more than 40mm for practicing.



- (4) The length of catheter, described in (3) above, may be different from that of general urethral catheterization. Please refer various literatures for the actual length of urethra and to bladder wall.
- (5) When dirt or solid xylocaine jelly sticks to the Valve 1 and/or Valve 2, the water leakage may happen. Be sure to detach and wash the Valves after use. (Refer to the figures below.)
- (6) This model cannot be used for the practice of enema.
- (7) Remove the water in the bladder after use.
- (8) When this model is stored for a long time, completely remove water in the bladder and irrigator.
- (9) Use the bladder under negative pressure.
- (10) Never use solvents, such as thinner, benzene, and alcohol.
- (11) When the training is interrupted temporarily while irrigator or bladder containing water, close the clip.

- (12) When the attached bag get wet (with rain), the contents may be stained with dyes oozing out from the lining.



- (13) This product is intended for use in standard operating environments. Do not use it in heavy industrial settings.
- (14) This model uses urethane foam for some of its parts, and may be susceptible to damage from pests that are attracted to urethane foam (such as insects in the ant family).  
When storing this model, ensure that thorough measures are taken to prevent pest damage before storing. The company will not be involved with or held liable for pest damage that occurs during storage.

1. The contents of this instruction manual are subject to change without notice.
2. This instruction manual may not be reproduced in part or in its entirety without permission.
3. Please contact the manufacturer in the event that any errors or omissions are found in the contents of this instruction manual.
4. This product should be used only as described in this instruction manual. In particular, the product should not be used in any way that contravenes the precautions noted in the instruction manual.

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# 1. Outline and Features

## Outline

Includes a built-in 500 ml bladder, allowing for the use of an indwelling catheter. The labia have a realistic feel, and urine (water) flows out from the urethral opening when a catheter is correctly inserted.

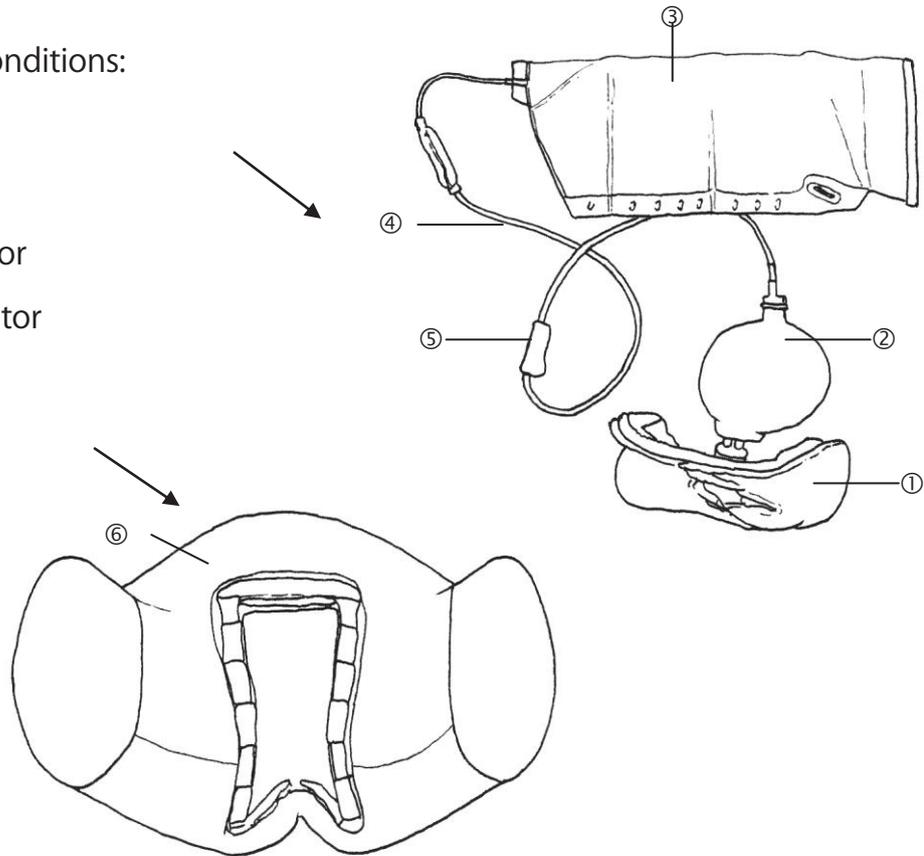
## Features

1. Features anatomically-correct labia and a urethral opening, and allows students to practice urethral catheterization on a model that feels much like an adult woman.
2. The bladder can be felt when filled, allowing the model to be used to practice assessment.
3. When a catheter is correctly inserted, urine (water) realistically flows from the urethral opening.
4. Pressure can be applied to the bladder to check for residual urine.
5. Equipped with a 500 ml bladder.
6. Can be used with indwelling catheters, and catheters can be fixed in place.

## 2. Structure and Name

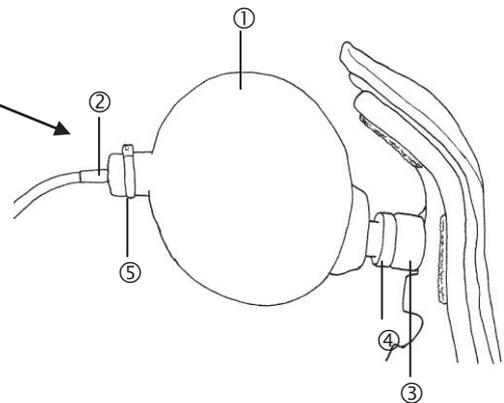
(1) Assembled conditions:

- ① Vulva
- ② Bladder
- ③ Bag for irrigator
- ④ Tube for irrigator
- ⑤ Clamp
- ⑥ Main body



(2) Enlargement of bladder

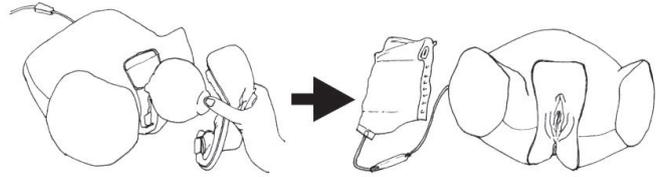
- ① Bladder
- ② Tube connector
- ③ Urethral connector (A)
- ④ Urethral connector (B)
- ⑤ Hose clamp



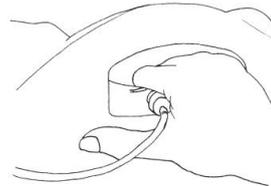
## 3. Handling the Model

(1) Confirm that the tube connector and urethral connector ( ② , ③ , and ④ ) have been firmly fixed. (Any loose connection may cause the leakage of water.)

- (2) Make the bag for irrigator pass through the main body from the front side (the vulva side). Attach the vulva with Velcro tapes.



- (3) Press the bladder with fingers to remove the air in it, as shown in the right figure.



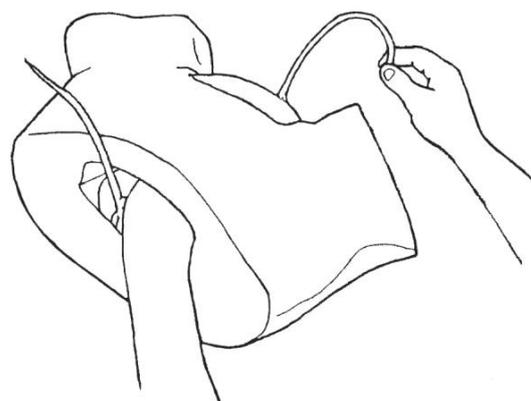
- (4) Suspend the bag for irrigator, tighten the clamp, and then pour water. Although the bladder has the capacity of 500cc, it cannot contain the amount because air remains in it.

- (5) Open the clamp and water flows into the bladder (pressure is spontaneously applied to the inside of the bladder).

- (6) Please use the attached 14 Fr. indwelling catheter. If any catheter other than, the attached catheter is used, leakage of water or damage of the valve may occur. Please do not fail to use Xylocaine jelly as a lubricant.

- (7) Make the indwelling catheter pass through the valve, and the water in the bladder flows out.

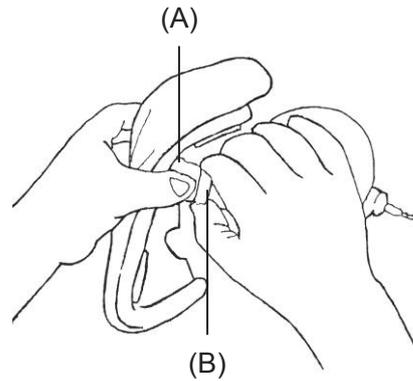
- (8) After the practice, directly press the bladder by hands to completely remove water in it.



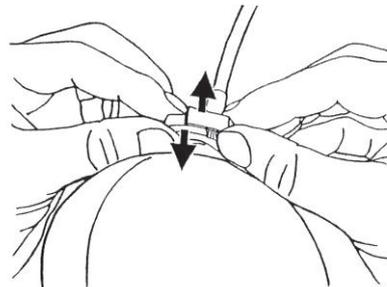
(9) When this model is stored for a long time, completely remove the residual water in the bladder and the bag for irrigator and allow them to dry.

**<How to remove the bladder >**

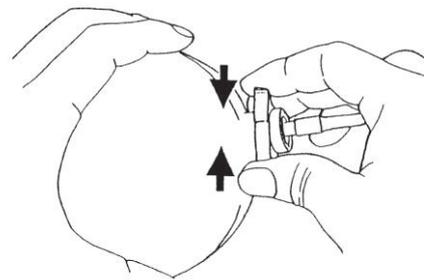
1. Hold the urethral connector (A) with fingers and remove the vulva by rotating the urethral connector (B).



2. Remove the hose clamp of the tube connector by sliding it back and forth.

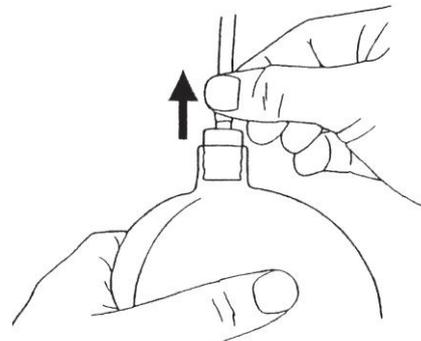


3. Remove the tube connector from the bladder. Do not remove the tube from the connector because it is difficult to connect the tube to the connector.

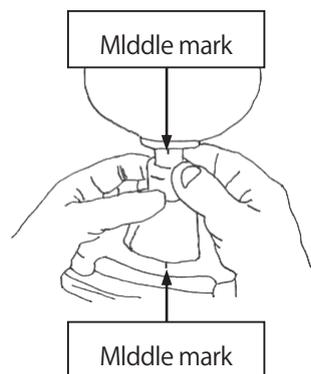


**<How to attach the bladder >**

1. Insert the tube connector to the bladder, and firmly fix it with the hose clamp.



2. Find the corresponding middle marks on the vulva and bladder.
3. Hold the urethral opening connector (A) with fingers and rotate the urethral opening connector (B) while aligning the marks on the vulva and bladder.



#### 4. Caring for the Model

Wipe off any dirt with gauze or something soaked in a diluted neutral detergent.

#### 5. Maintenance

When you have trouble with or break this model, please contact our dealers or us to ask for repair.

#### 6. Spares

1. 14Fr indwelling catheter: (exclusively for use with this product) 1
2. Storage bag: 1
3. Manual: 1

#### 7. Specifications

Product name	Length	Width	Height	Weight	Bladder Capacity
Main Body	Approx. 24cm	Approx. 38cm	Approx. 20cm	Approx. 1.5 kg	Approx. 500ml
Storage Bag	Approx. 24cm	Approx. 38cm	Approx. 38cm		

## 8. Replacement parts (sold separately)

A replacement irrigator is available as a replacement part in case of breakage of the bag for irrigator. The replacement irrigator is also available as a bottle type irrigator in addition to the attached bag type. It can easily be replaced by changing the connector connecting the tube for irrigator to the irrigator. The connector can be removed by twisting counter-clockwise, and can be secured by twisting clockwise after inserting.



Product No.	Product name
LM-025H	Tube for irrigator (3pcs/set)
LM-025J	Bag for irrigator (3pcs/set)
LM-025K	Bottle for irrigator



LM-025K  
Bottle for irrigator