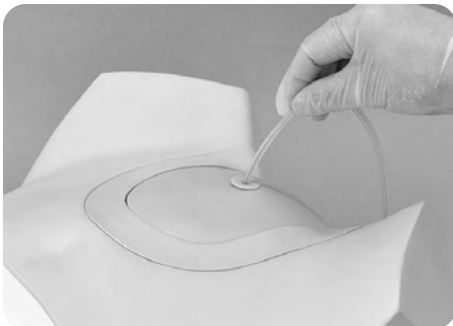


\* This instruction manual describes Female Suprapubic catheter care simulator, though, the instructions are the same as Male simulator except for the genital skin.

# Instruction Manual

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### ● Introduction

The suprapubic catheter care simulator is a comprehensive trainer for training of healthcare professionals. Please read the manual carefully before use. Any use for unintended purpose or users, or any use not in accordance with the enclosed instructions, is strongly discouraged. The manufacturer cannot be held responsible for any accident or damage resulting from such use.

#### Features

- Training in catheter changing skills using such metrics as catheter mobility and confirmation of urine discharge.
- Facilitates training of securing catheter with gauze and surgical tape.
- Observation of the catheter through transparent bladder wall.

## ⚠ DOs and DON'Ts

### DOs

- Handle the manikin and the components with care.
- Storage in a dark, cool space will help prevent the skin colors from fading.
- The manikin skin may be cleaned with a wet cloth, if necessary, using mildly soapy water or diluted detergent.

### DON'Ts

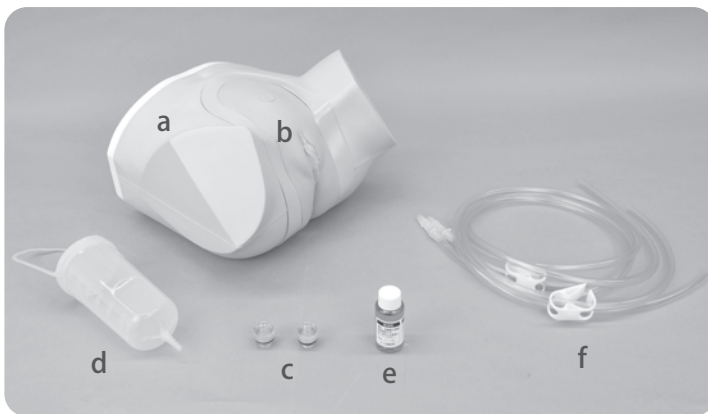
- Do not let ink from pens, newspapers, product manual or other sources contact the manikin. Ink marks on the manikin will be irremovable.
- Never use organic solvent like paint thinner to clean the skin, as this will damage the simulator.
- Please use the genuine lubricant included in the set. Usage of other lubricants will cause damage to the model in a short time as in the following cases:
  - Jelly-type lubricants which remain in the simulator will harden and cause damage to the valves.
  - Water-soluble jelly-type lubricants will be washed out during urethral catheterization, which will decrease lubricating ability.

- The color of the tube or soft resin parts may change across the ages, but this has no affect on the simulator use.

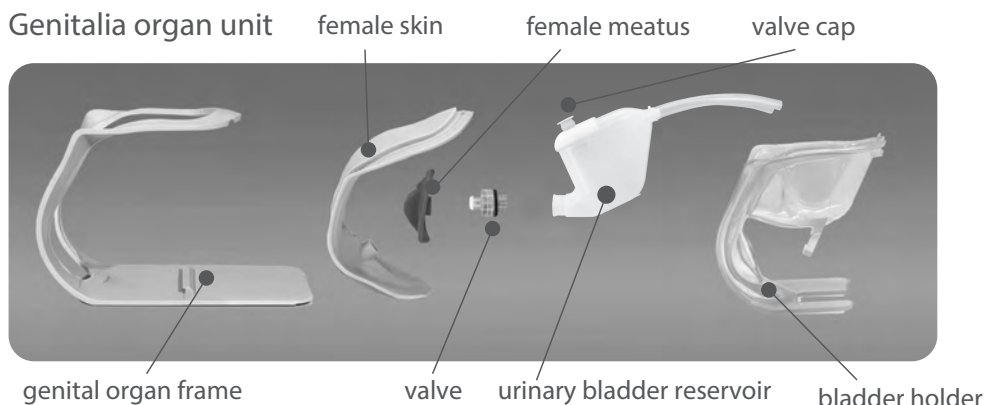
Please read carefully before use

## Set Includes

Before your first use, ensure that you have all components listed below.



- a. Lower torso manikin . . . . . 1
  - b. Female genitalia organ unit . . . . . 1
  - c. Valve . . . . . 4  
(total 3 pcs; one is incorporated in the genitalia unit and two are for future replacement)
  - d. Irrigation bottle . . . . . 1
  - e. Lubricant . . . . . 1
  - f. Irrigation/drainage tubes . . . . . 3  
(total 3 pcs; 2 are attached with a clamp)
- Instruction manual



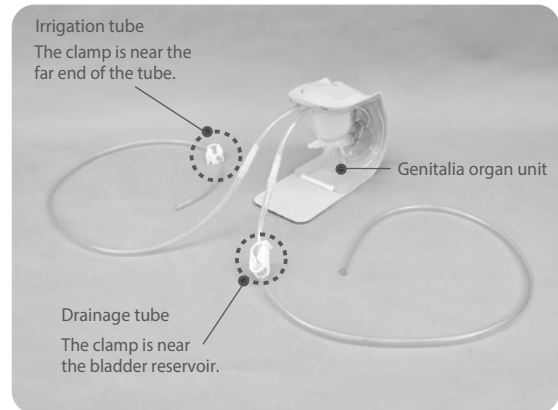
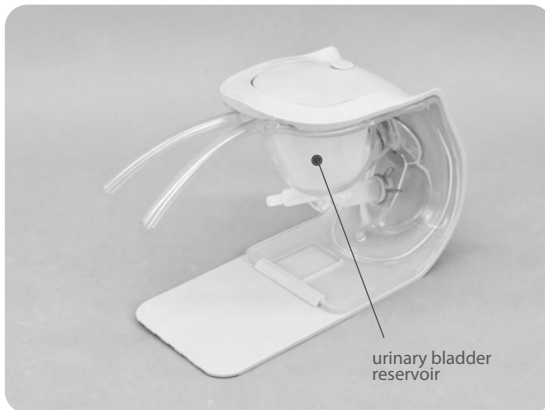
## 1 Connection of Irrigation/drainage tubes

1. Remove the genitalia unit from the torso manikin.

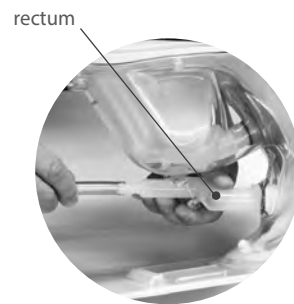
Make room between torso manikin and the genitalia unit by opening the thighs. Then take out the genitalia unit from the torso manikin.



2. Attach the irrigation/drainage tubes with clamp to the connectors at the upper end of the urinary bladder reservoir.



3 Connect the drain tube with no clamp to the rectum unit.



When attaching the tubes to the unit, hold the unit with one hand while inserting the tube to the port.

## 1 Connection of Irrigation/drainage tubes

6. Set the genitalia units to the lower torso body.  
First put the 3 irrigation/drainage tubes through the body and then set the genitalia unit.



7. Assembly complete.



## 2 Connection of irrigator and water injection

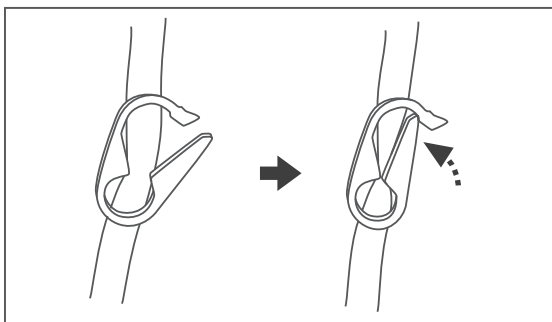
1. Close the clamp of irrigation tube before filling the bottle with water. And open the clamp of the drainage tube.



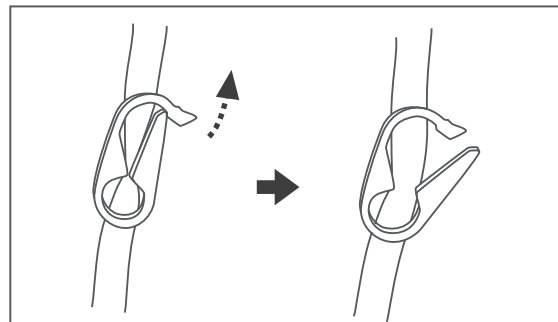
2. Place the two remaining tubes in a bucket.



3. Close the tube clamp of the water supply tube connected to the Irrigator.

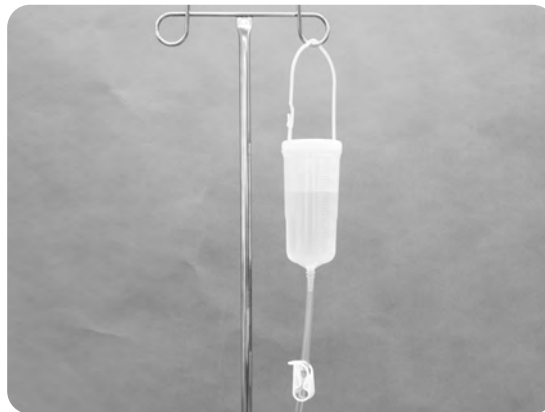


4. The tube clamps on the other drainage tubes should be left open.

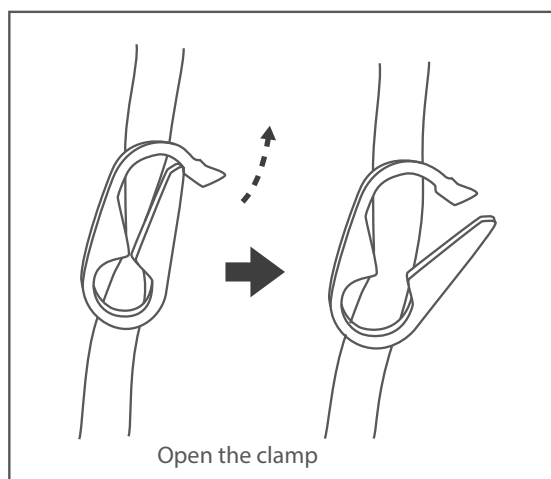


## 2 Connect the Irrigation bottle and fill the bladder with water

5. Fill the irrigation bottle with simulated urine (water). Then put the cap on the bottle and hang it from the stand.



6. Open the clamp and the simulated urine will be charged into the bladder reservoir.



7. Once the bladder has been supplied with water, tighten the tube clamps for drainage and add 400 ml of water (simulated urine) to the Irrigator and the preparation is finished.





## 1 Drainage of water

※Be sure to drain and dry the water after practice. (Otherwise, water leakage, mold and valve damage may happen.)

1. Close the clamp of the irrigation tube. Drain the water from the irrigation bottle and tube.



2. Remove the genitalia unit from the torso body.

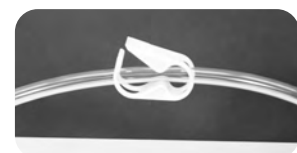
Make room between torso manikin and the genitalia unit by opening the thighs. Then take out the genitalia unit from the torso manikin.



3. Detach the rectum unit for enema training. Loosen the metal clip by tucking small wings together with fingers and remove the rectum unit from the hook of the bladder reservoir. Detach from the connector. Wash the rectum unit and let it dry naturally after the training sessions.



Always keep the clamp open for storage.



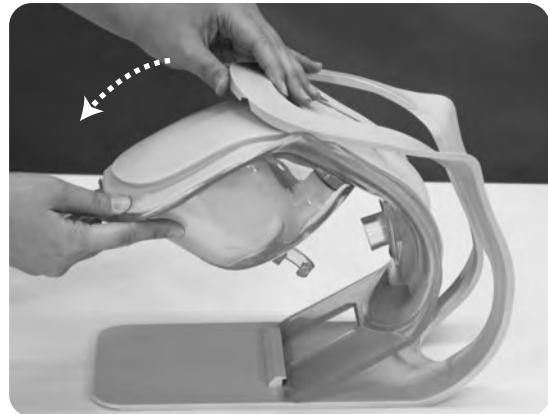
## 2 Drainage of water in the bladder reservoir

1. Disassemble the genitalia unit.

a) The genital organ frame and the bladder holder are fixed with two notches and nail shaped fasteners. To disengage the parts, lift the genital organ frame with fingers.

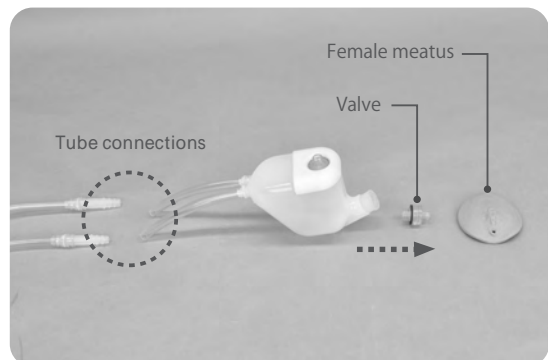
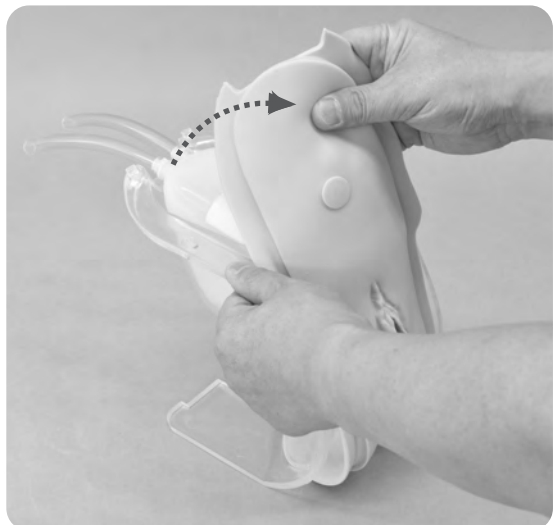


b) Remove the skin with the bladder holder from the outer frame. Then peel the skin from the bladder holder.



2. Remove the bladder reservoir from the bladder holder.

Detach the irrigation and drainage tubes. Then detach the female meatus from the valve. Then drain the water from the reservoir.



**Caution** Do this procedure over the sink.



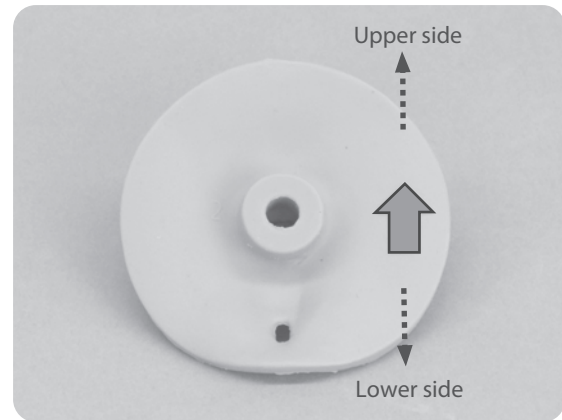
## 3 Assembly for storage

1. After the training, wipe the valve and the meatus urethra thoroughly.

(a) Wash off any lubricant on the SPC site connection, valve cap and urethral opening with a mild detergent and wipe with a dry cloth.



(b) Attach the meatus urethra.



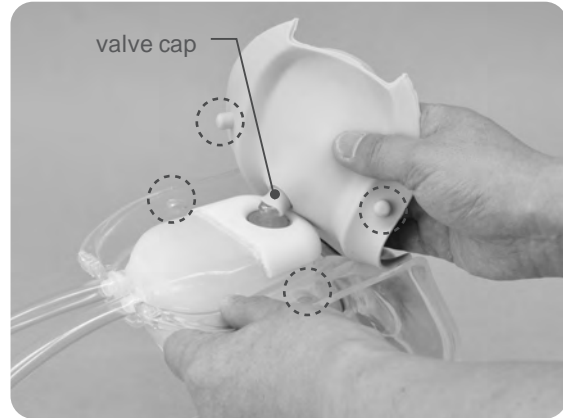
Take care to set the meatus urethra in correct direction.

## 3 Assembly for storage

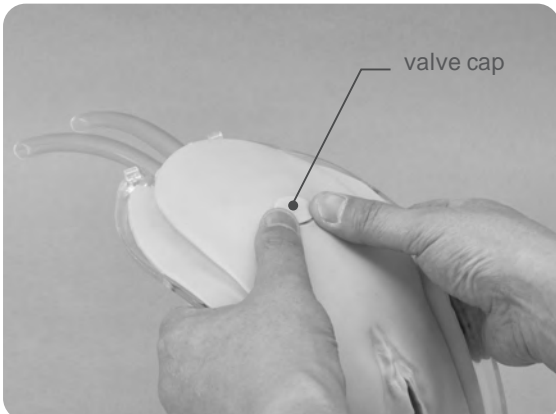
2. Insert the projection of the bottom of the skin in the lower hole of the bladder holder.



3. Put the skin over the bladder holder and insert two upper projections of the skin in two upper holes of the bladder holder.

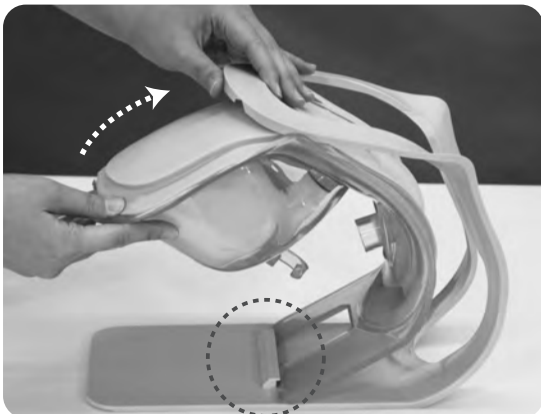


4. Press down gently to avoid denting the flat side of the valve cap.



- If the valve cap is dented, pull it out slightly towards the front.
- Slightly open the cut-out part of the valve cap to adjust the fit.

5. Set the bladder holder to the genital organ frame.  
a) Set the lower edge of bladder holder to the stopper on the frame. Then, holding the frame firmly, push the holder forward.



b) To fit the upper side of the skin in the genital organ frame, tuck the skin under the frame with fingers.



## 3 Assembly for storage

c) Then engage the frame and holder by pushing the corner of the genital organ frame forward (to the abdomen side), until clicking sound is heard.

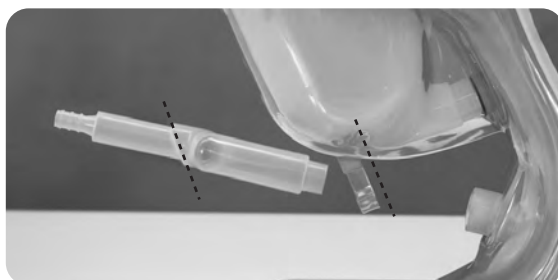
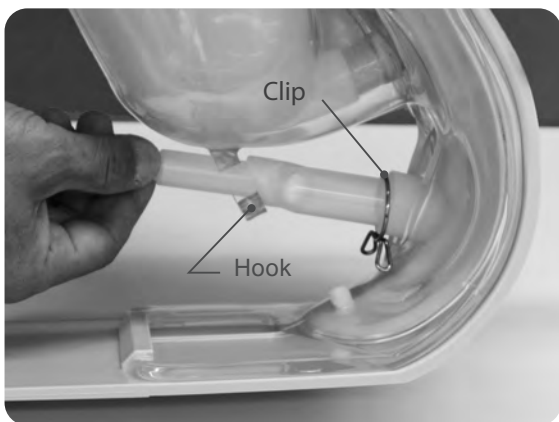


Or, support the fasteners from the back side by fingers and draw the genital organ frame over it toward you.



8. Connect the rectum unit.

a) Set the rectum unit to the tube connector of the genitalia unit.



.....  
Set the rectum unit with correct angle as shown in the picture.

9. Set the genitalia unit to the lower torso model.



## 1 Disassemble the unit

1. Remove the genitalia unit from the torso body.

Make room between torso manikin and the genitalia unit by opening the thighs. Then take out the genitalia unit from the torso manikin.



2. Disassemble the genitalia unit.

a) The genital organ frame and the bladder holder are fixed with two notches and nail shaped fasteners. To disengage the parts, lift the genital organ frame with fingers.



b) Remove the skin with the bladder holder from the outer frame. Then peel the skin from the bladder holder.



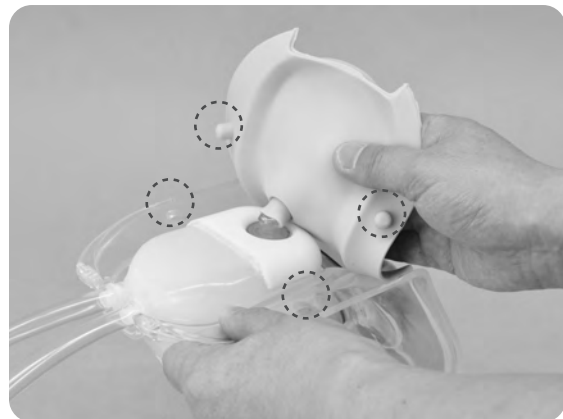
## 2 Disassemble the unit

### 1. Replace the valve cap

a) The skin and valve cap can be removed from the bladder unit when lifted.



b) After replacing the valve, cover the genital skin along the bladder unit and fit the convexities into the holes in the upper part of the bladder unit.



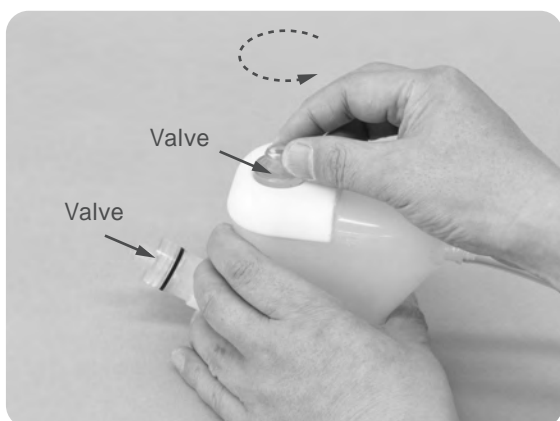
c) Press lightly to blend into the surface of the genital skin.



- If the valve cap is dented, pull it out slightly towards the front.
- Slightly open the cut - out part of the valve cap to adjust the fit.

### 2. Replace the valve

The valves can be removed by turning them anti - clockwise and replaced with new valves.



### 3. Attach it to the genital unit and return it to the main body.

For Attachment, refer to P9 - P10 (Assembly for storage).



- When replacing the valve with a new one, make sure that the black packing is inserted into the threaded part on the valve side and that it is firmly fitted. If the black packing is not fitted, leaks may occur.

## 3 Replacement of the skin and meatus urethra

1. Set the new meatus urethra part to the valve.



2. Set the bladder in the bladder holder.

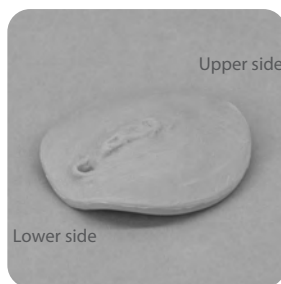
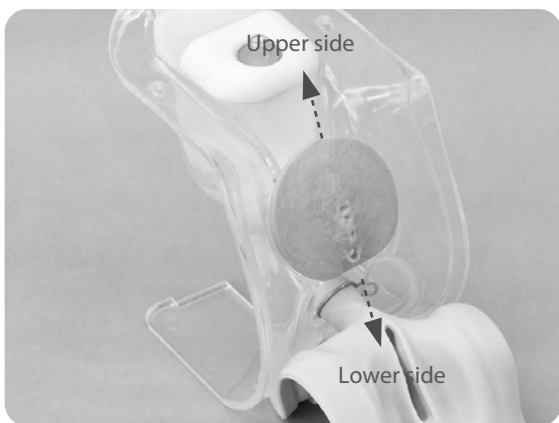


2. Attach it to the main body.

For Attachment, refer to P9 - P10 (Assembly for storage) .



.....  
Take care to set the meatus urethra in correct direction.



### FAQ s

Quick check-up before calling the customer service, when the you have problems in using the simulator. Look in the "cases" section for a description of the problem to find a possible solution.

#### Suprapubic catheter care / Catheterization

Cases	Reason	Solution
Water does not come out when the catheter is inserted.	Water in the bladder reservoir is low.	Fill water into the bladder reservoir by using irrigation bottle.
	Clamps of the irrigation and drainage tubes are closed.	Open the both clamps of irrigation and drainage tubes.
	Air accumulation in the tube.	Lift the water supply tube up to the top of the model (to bladder level).
Water leakage	The valve is worn.	Replace it with the new valve
	Loose connection of the valve and bladder reservoir or meatus urethra.	Check the connection of the valve and bladder or meatus urethra, reconnect them tightly.
Valve is easily damaged	Using a non-genuine lubricant that is not included in the set.	Use the lubricant included in the set.
	Using a catheter larger than the recommended size.	Use a catheter of the recommended size of 14-16 Fr.

#### Enema Training

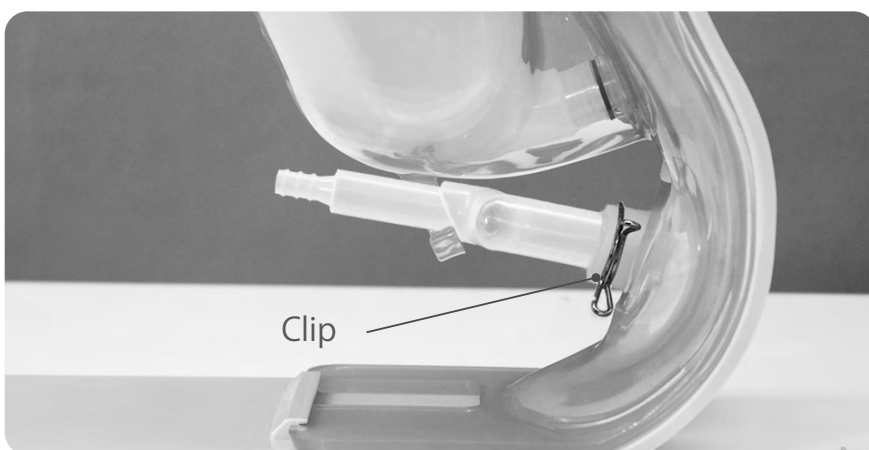
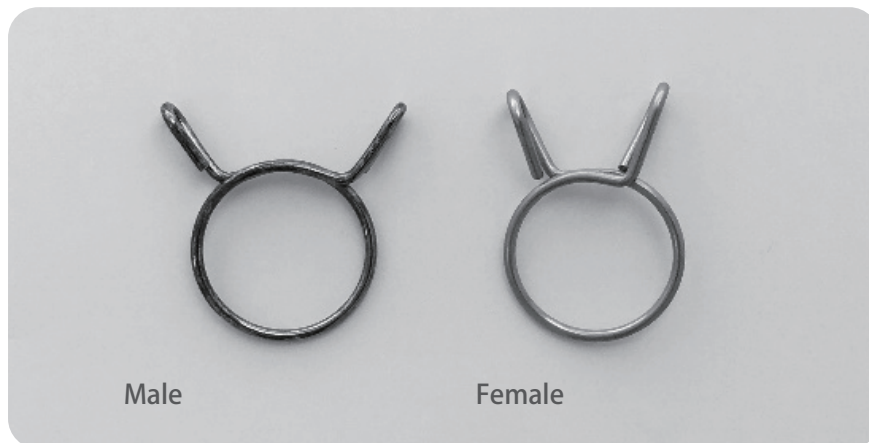
Cases	Reason	Solution
Glycerin enema tube can be inserted more than 7cm.	Connection of the genitalia organ unit and rectum unit is not correct.	Confirm the connection of the genitalia organ unit and rectum unit. Then set them steadily.
Water leakage		Ensure that the metal clips securing the genitalia organ and rectum unit are firmly in place.

# Caution

## Metal clips of MW58 are not common with MW59

Metal clips of MW58 are not compatible with MW59 due to differences in their size or structures.

Be sure to use the clips provided, to avoid model malfunctions and deformation.



### Repl. parts



11381-300  
Replacement valve for MW2A/  
2B/2C/2D/52(a set of 6)



11433-020  
2 Replacement female meatus  
for MW2B/MW2D/MW52



11441-010  
Replacement SPC female skin for  
MW59



11441-020  
Cap for suprapubic opening:  
MW58/59



11381-800  
Lubricant for MW2A/B/MW25/  
MW26 (50ml)



11381-510  
Replacement male meatus for  
MW2A(a pair)



11440-010  
Replacement SPC male skin for MW58





Caution

Do not mark on the model and other components with pen  
nor leave printed materials contacted on surface.  
Ink marks on the models cannot be removed.

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 **KYOTO KAGAKU co.,LTD**

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