

Female Catheterization and Enema Simulator (Strap-on type)

LM-109FA

Instruction Manual

Thank you for purchasing the Female Catheterization and Enema Simulator (Strap-on type). 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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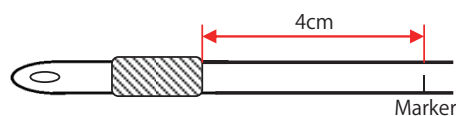


Handling and Safety Precautions

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 simulator is made to have the same feel as that of a living body. Undue handling may cause breakage of the simulator.
2. This model has a distinctive odor resulting from the materials it is made from however is not harmful to the body or indicate any problem with quality. This distinctive odor will weaken over time. The product is also coated in baby powder at the time of manufacture and the smell of baby powder may remain on the product.
3. When you practice cleaning or disinfecting of the pubic area, please use water. Use of alcohol may cause breakage of the simulator.
Use of colored disinfectant liquid may cause pigment to be fixed to the simulator so that the pigment cannot be removed.
4. As for the lubricant, please use K-Y™ lubricating jelly. Please do not use K-Y® gel, as it may increase the insertion resistance of the catheter.
5. Please do not use oily lubricant (olive oil etc.), alcohol lubricant, and lubricant containing organic solvent. These may cause breakage of the simulator.
6. Please use catheters of 14Fr and 16Fr.
7. Please check the state of the catheter before inserting the catheter. Please do not use a catheter that is degraded or deformed. Such a catheter is difficult to insert.
8. When inserting the catheter, please apply the lubricant each time.
9. If it is difficult to insert the catheter, please increase the amount of the lubricant to be applied or use another catheter (firm silicone catheter or catheter with thinner balloon part etc). The simulator may break if such a catheter is forced to be inserted.
10. When indwelling the catheter, please inflate the balloon after inserting the catheter apart from the balloon end portion by a distance equal to or greater than 4 cm. Indwelling of the catheter in an intermediate of the valve causes the valve and the catheter to be broken. Please provide a marker on the catheter before commencing training to ensure that the catheter tip is inserted by a distance equal to or greater than 4 cm before inflating the balloon.



11. After use, please wash the simulator and the catheter well with water. If the lubricant dries and hardens, it may interfere with the use of the simulator.
12. Please check the state of the valve at every use. If the valve is broken, it may cause a leakage of water.
13. Oil components may come out of the genital skin. After use, please do not keep the genital skin attached to the simulator. Please wrap it in cooking paper, gauze, etc., put it into an attached reclosable poly bag, and keep it. For a detailed storage method, please refer to the washing and storage methods on page 15.
14. Apply commercially available baby powder to reduce friction if you mind stickiness of the genital skin or after it is washed with water following use.
15. The genital skin may deform over time. Please check the state of the genital skin every three years after purchase. If any deformation that could affect the function of the simulator is found, consider replacing it with a new one.
16. You may observe air bubbles or darker areas in the genital skin. These were formed during production; however, they do not affect the strength of the genital skin because it is made of a material resistant to tearing.
17. Please do not place objects on the simulator. Otherwise, the simulator may be deformed.
18. Please do not keep the simulator in contact with printed matter. Print, such as letters, may transfer to the simulator and be fixed there.
19. When storing the simulator, please select a place that is not subject to direct sunlight and ultraviolet rays.
20. This product is intended for use in standard operating environments. Do not use it in heavy industrial settings.
21. 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

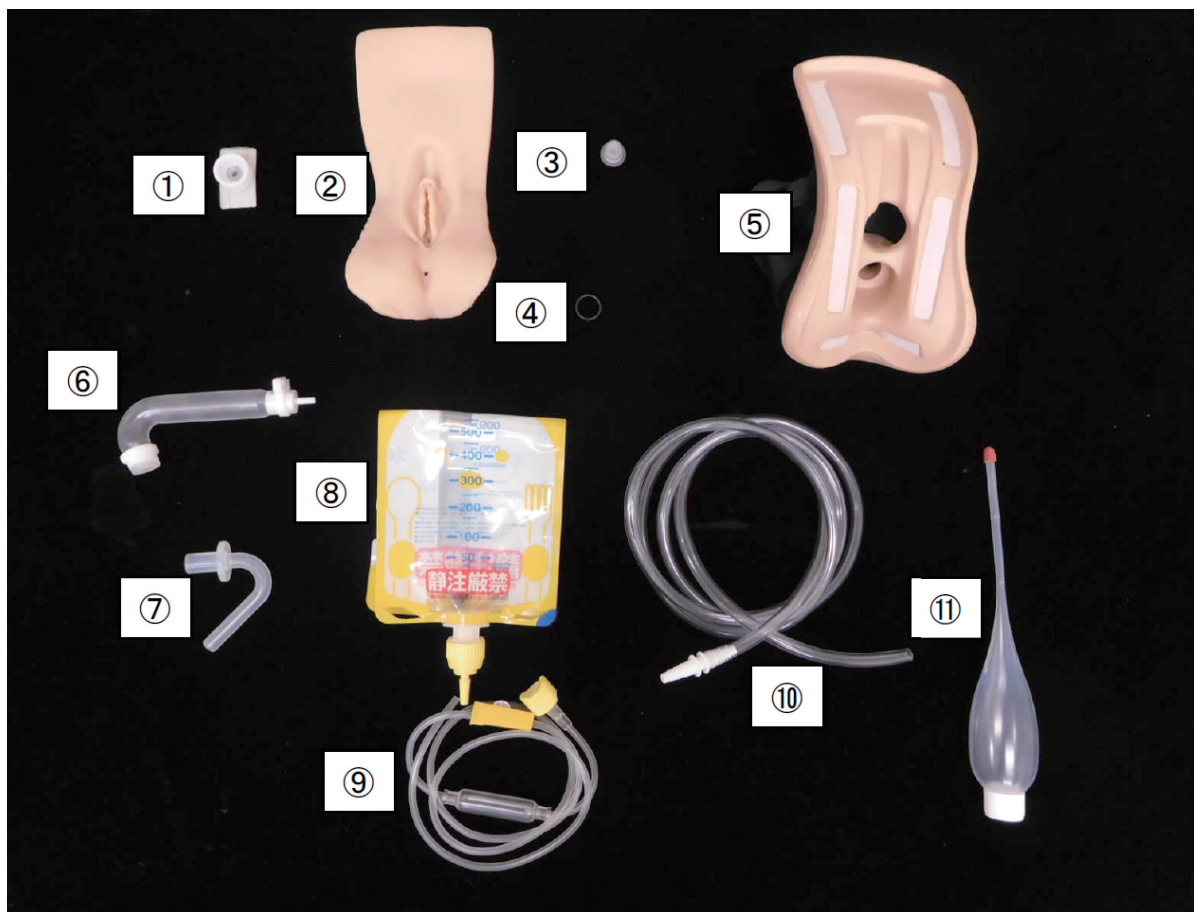
The simulator can be mounted on a human body or a doll so that a series of techniques regarding catheterization and enema can be practiced. The feel of the labia and resistance of the catheter to its insertion are closely similar to that of a living body. If a catheterization catheter is appropriately inserted, urine (water) flows out.

Features

- The simulator is of an actual size by which a catheterization and glycerine enema for an adult female can be practiced.
- Since the simulator is of a strap-on type, it can be mounted on a human body or a model doll so that the practice can be performed.
- By mounting the simulator on a human body, the feeling of a patient can be simulated. Also, by mounting the simulator on a simulation patient, techniques can be practiced while communicating with the simulation patient.
- Since soft and stretchable materials are used for the pubic area, the appearance and feel are realistic to give presence when practicing.
- A series of techniques of catheterization such as disinfecting of a pubic area, and inserting and removing of a catheter can be practiced.
- Cleaning techniques can be performed.
- The attached glycerine enemator can be inserted through the anus to the rectum. This enables the practice for the glycerine enema.

2. Components and Configuration

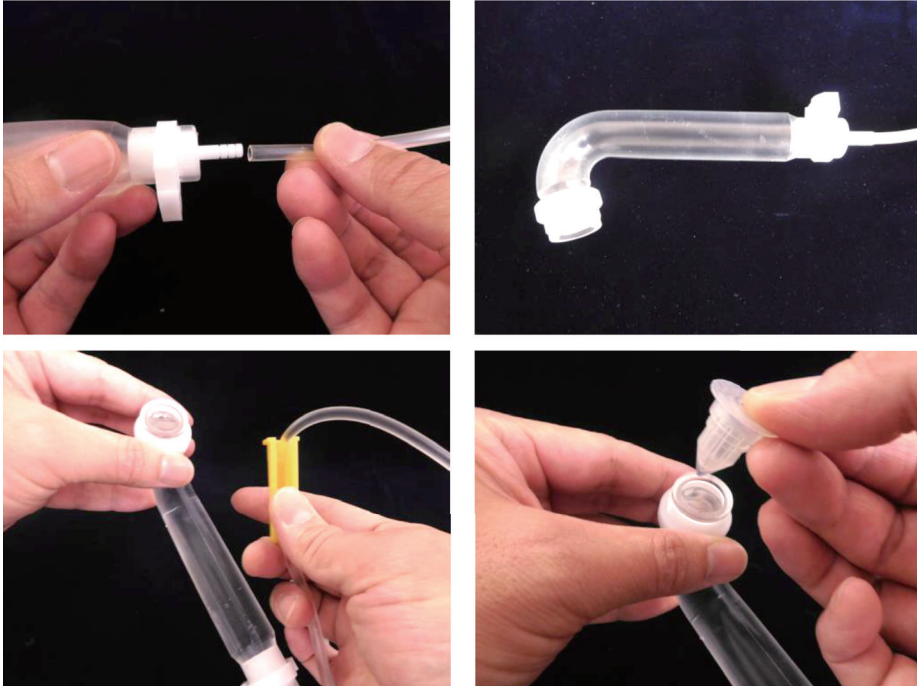
1. Female Urethral part
 2. Female Genital skin
 3. Bladder Valve (Male/Female)
 4. O-ring
 5. Strap-on type frame (with belt)
 6. Female strap-on type bladder tube
 7. Strap-on type rectum connecting connector
 8. Bag for irrigator
 9. Tube for irrigator
 10. Drain tube
 11. Glycerine enemator
- Storage bag
Instructions manual (this pamphlet)



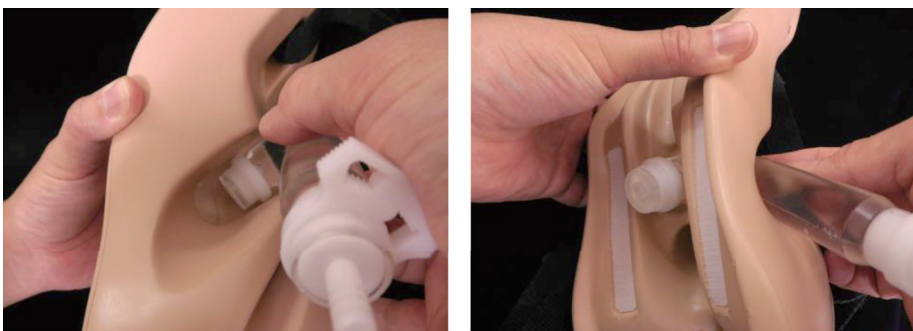
3. Handling Method

3-1 Assembling of Simulator

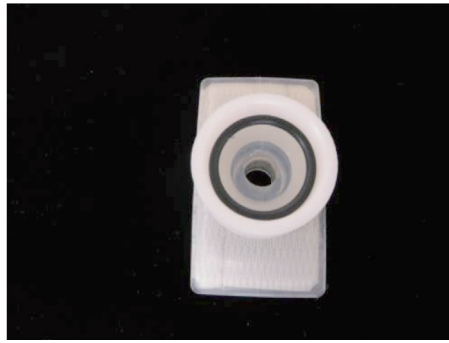
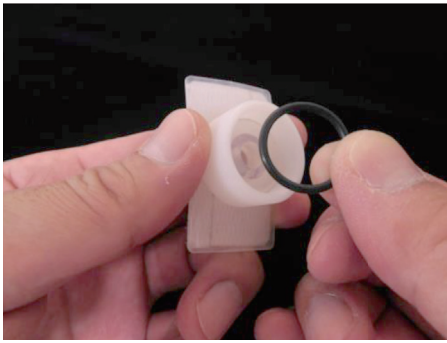
1. Please connect the bag for irrigator to the female strap-on type bladder tube, and put water into the bag for irrigator. Please open a clamp, fill the female strap-on type bladder tube with water, close the clamp, and attach the bladder valve to the bag for irrigator.



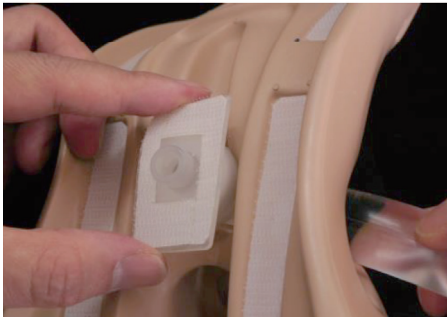
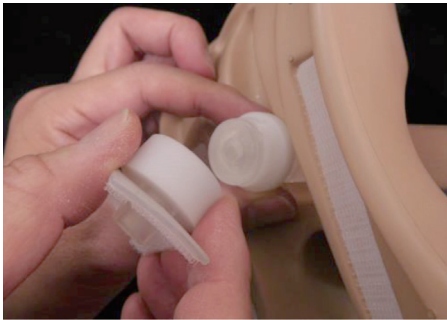
2. Please insert the female strap-on type bladder tube into the strap-on type frame.



3. Please insert the O-ring into the connector of the female urethral part.



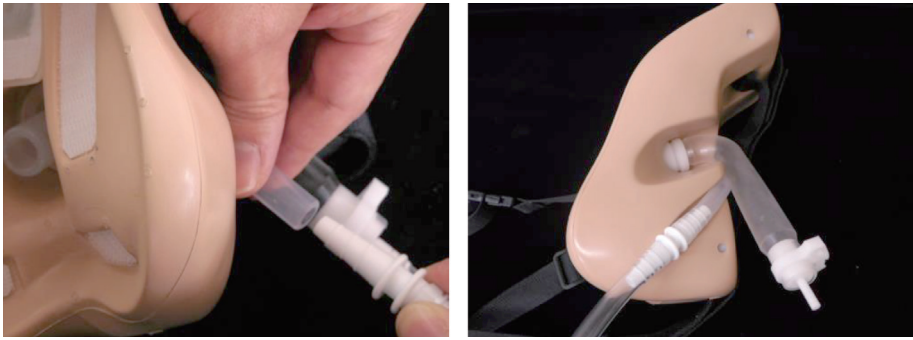
4. Please connect the female urethral part and the female strap-on type bladder tube while adjusting their positions so that the female urethral part is fixed in the opening of the strap-on type frame.



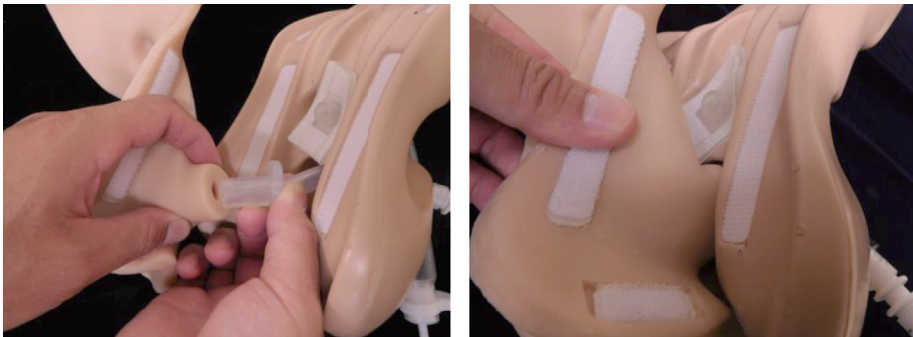
5. Please insert the strap-on type rectum connecting connector into the strap-on type frame.



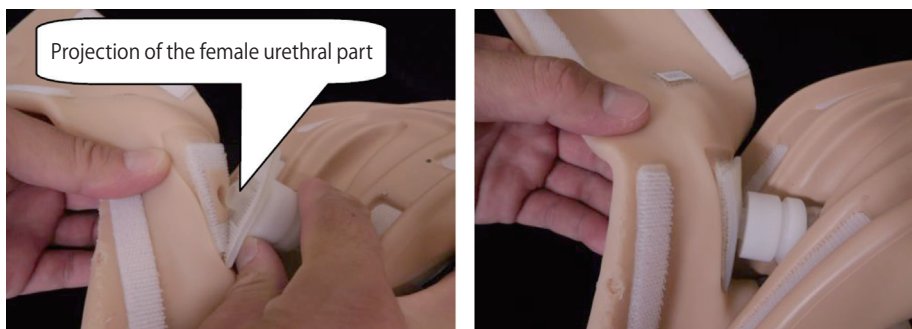
6. Please connect the strap-on type rectum connecting connector to the drain tube.



7. Please put the anal portion of the female genital skin on the strap-on type rectum connecting connector. After the connector is inserted deep into the anal portion, please fit and fix the position of the female genital skin to the strap-on type frame.



8. Please insert the projection of the female urethral part into the urethral canal located on the reverse side of the female genital skin so that the projection is covered. Then fix the female urethral part and the female genital skin with hook and loop fasteners.

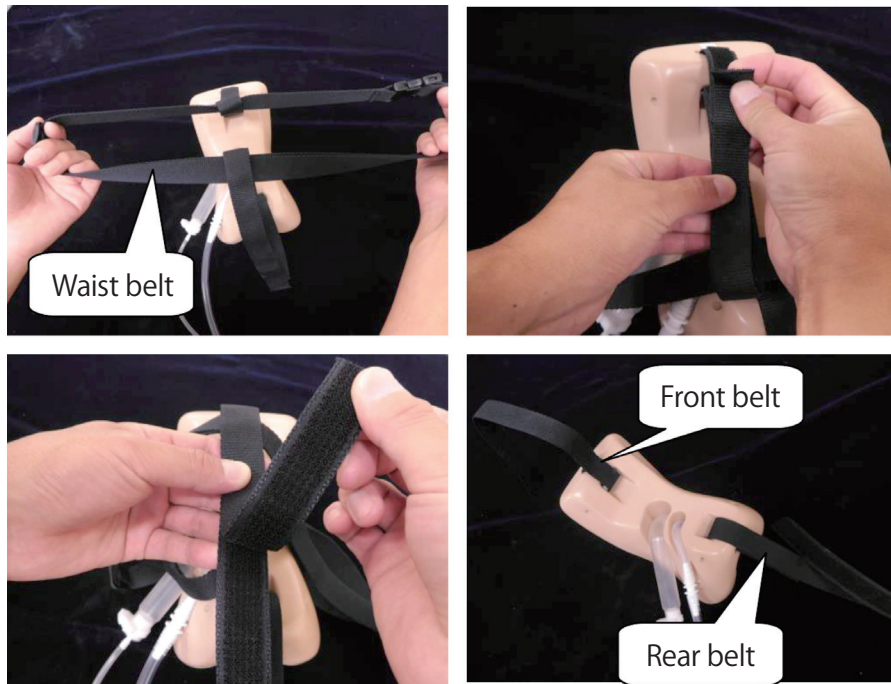


9. Please attach and fix the position of the female genital skin to the strap-on type frame.



3-2 Wearing Method

1. Please remove the front belt and rear belt from the waist belt.



2. Please wear the waist belt and adjust the adjuster according to waist size.



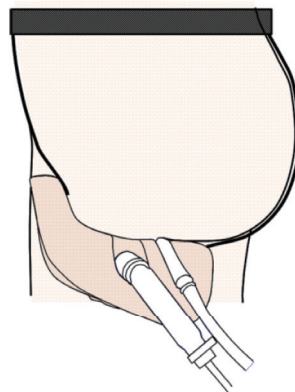
3. Please pass the rear belt through the waist belt, and fit and fix the position of the pubic area with hook and loop fasteners.



4. Please pass the front belt through the waist belt, and fix it with hook and loop fasteners such that the belts do not come loose.



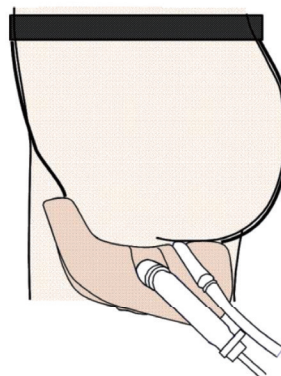
Position of the model during catheterization



Please adjust the position of the urethral canal on the person who (or the doll that) has put on this model to the position of the urethral canal of the model.

5. When performing an enema technique, please remove the front belt once, fit the position of the anus to the body, and adjust the length of the rear belt first.

Position of the model during enema



Please adjust the position of the anus on the person who (or the doll that) has put on this model to the position of the anus of the model.

3-3 Insertion of Catheterization Catheter

1. Please open the clamp for irrigator tube and check whether or not the water leaks from the simulator.



* When practicing the cleaning or disinfecting of the pubic area, please use water instead of disinfection liquid.

2. Please apply lubricant on the distal end of the catheter for about 4 to 5 cm and insert the catheter.

* If it is difficult to insert the catheter, please check the techniques and insert it again. In this case, please remove moisture from the catheter and increase the amount of the lubricant to be applied. Also, please consider using other types of catheters (firm silicone catheter or catheter with thinner balloon part etc). The simulator may be broken if the catheter is forced to be inserted.

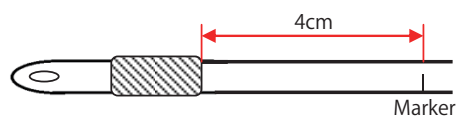
* If it is difficult to insert the catheter, please use water mixed with a small amount (approx 5%) of surfactant (neutral detergent) as urine.

* If the insertion of the catheter is repeated a plurality of times, water may accumulate in the urethral canal.

3. Please check the outflow of the urine (water). If urine does not flow out, check the following:

- Whether the catheter passes through the valve;
- Whether the clamp for irrigator tube is open; and
- The amount of water in the bag for irrigator is reduced to a small amount.

4. When indwelling the catheter, please inflate the balloon after inserting the catheter apart from the balloon end portion by a distance equal to or greater than 4 cm. Indwelling of the catheter in an intermediate of the valve causes the valve and the catheter to be broken. Please provide a marker on the catheter before commencing training to ensure that the catheter tip is inserted by a distance equal to or greater than 4 cm before inflating the balloon.



5. Once the catheter is inserted, please remove the moisture from its wet tip, apply the lubricant each time, and then insert the catheter. If the lubricant is applied where water remains, the lubricant slides easily off of the catheter. This makes it difficult to insert the catheter.

3-4 Enema

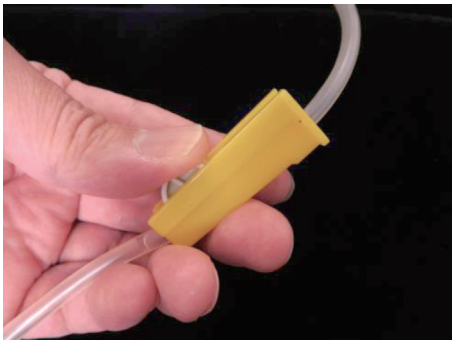
1. Please prepare a bucket etc. under a desk or a bed and put the distal end of the drain tube in it.
2. Please fit and fix the position of the anus of the strap-on type frame to the body, and adjust the length of the belt.

Please refer to the position of the model during enema as shown in the Figure in Section 3-2 (5) on page 10.

3. Please apply lubricant to the distal end of a glycerine enemator, insert it into the anus, and pour enema liquid (water) into it. At this time, please lower the distal end of the drain tube to a position below the anus. Otherwise, the enema liquid (water) may flow backward and stain clothing.

3-5 Removal

1. Please close the clamp of the bag for irrigator .

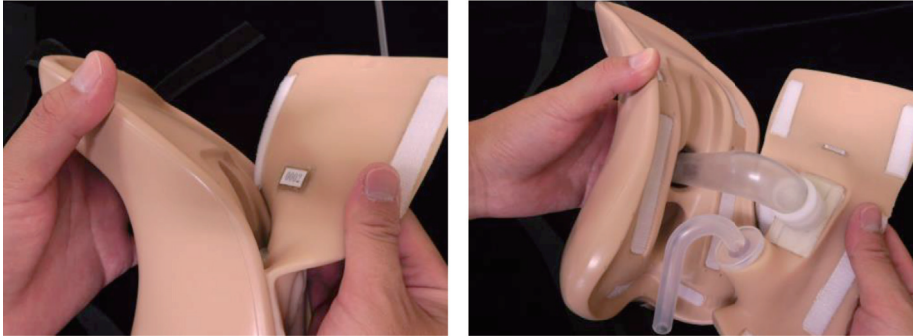


2. Please remove the belts and the strap-on type frame, and then remove the drain tube from the strap-on type rectum connecting connector.

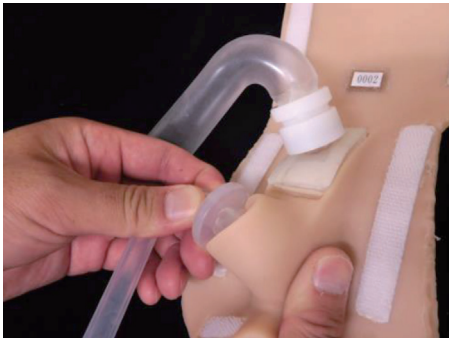
* Please pay attention to the outflow of the water.



3. Please remove the female genital skin from the strap-on type frame with the female urethral part, the female strap-on type bladder tube, and the strap-on type rectum connecting connector connected. At this time, please remove slowly while holding the area of the hook and loop fastener so that it does not peel off from the female genital skin.



4. Please remove the strap-on type rectum connecting connector from the female genital skin.

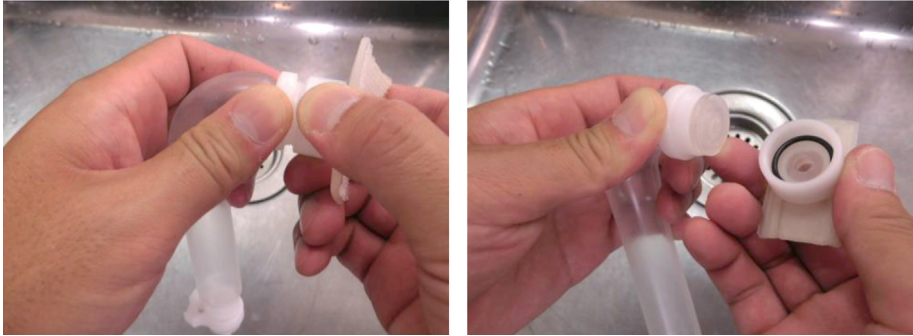


5. Please remove the female urethral part from the female genital skin.
At this time, please remove slowly while holding the area of the hook and loop fastener so that it does not peel off from the female genital skin.



6. Please remove the connector for connecting the female urethral part and the female strap-on type bladder tube.

* At this time, please pay attention to a loss of the O-ring.



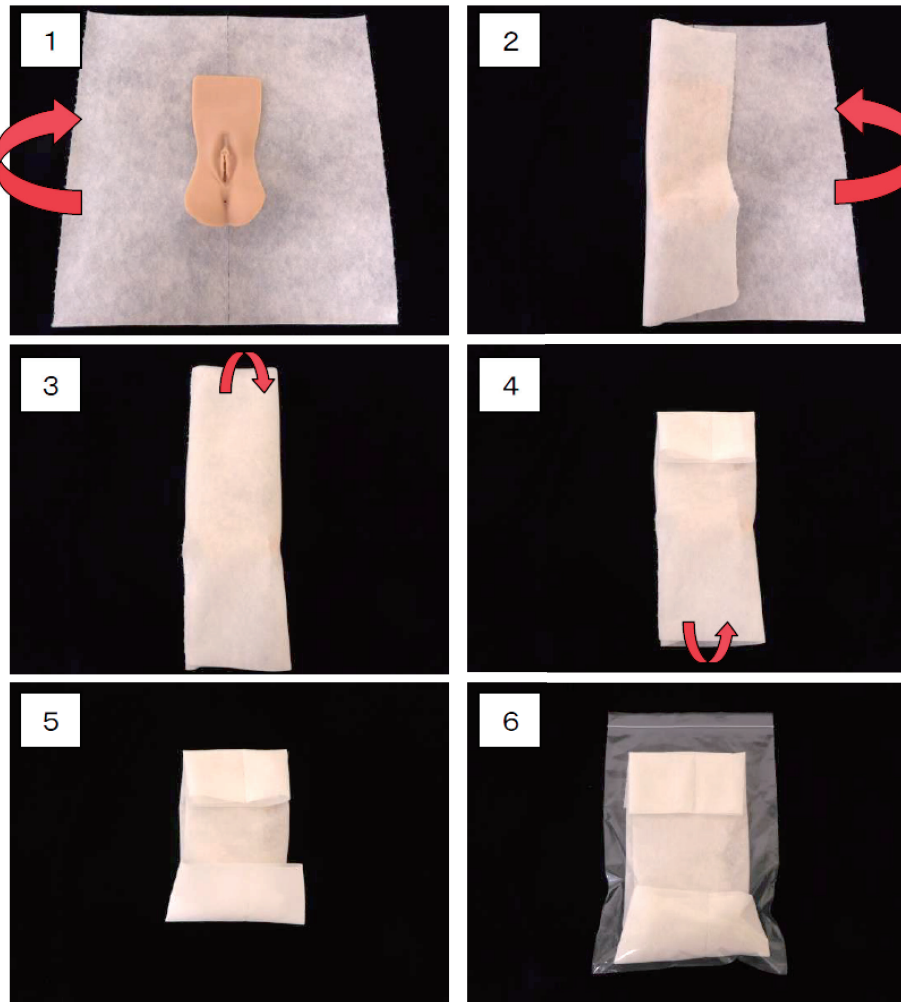
7. Please remove the bladder valve from the female strap-on type bladder tube, and drain the water in the tube.



8. Please wash the female urethral part, the bladder valve, the female strap-on type bladder tube, the female genital skin, and the strap-on type rectum connecting connector well with water after use.

4. Washing and Storage Methods

1. Please flush the lubricant that has adhered to the female urethral part, the bladder valve, the female strap-on type bladder tube, etc. well with water. If the lubricant dries and hardens, it may interfere with the use of the simulator.
2. Please remove moisture well, dry the simulator and then put it into a storage bag.
3. Oil components may come out of the female genital skin. After using the simulator, please do not keep the female genital skin attached to the main body. Please wrap it in cooking paper, gauze, etc., put it into an attached reclosable poly bag, and keep it therein. Please wrap the female genital skin gently such that wrinkles are not generated on it.



4. Please apply baby powder that is commercially available, if you mind stickiness of the female genital skin.
5. As for stains on the simulator, please use neutral detergent that is watered down and wipe off the stains with wet gauze etc.

* Please do not use solvents such as thinner and benzene.

5. Specifications

Product name	Length	Width	Height	Weight
Main Body	Approx. 23 cm	Approx. 13 cm	Approx. 11 cm	Approx. 0.6 kg
Storage Bag	Approx. 21 cm	Approx. 47 cm	Approx. 24 cm	

6. Replacement Parts (Sold Separately)

Product name	Product No.
Female Genital skin	LM-109FB
Bladder Valve (Male/Female) (3pcs/set)	LM-109V
Bag for irrigator (3pcs/set)	LM-025J
Tube for irrigator (3pcs/set)	LM-025H
Glycerine enemator (with cap/5pcs)	LM-0686