

⚠ Caution | Do not mark on the model and its components with a pen or leave printed materials in contact with the model surface. Ink marks on the model are not removable.

MW20

Prostate & Rectal Examination Simulator

Instruction Manual

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Please read

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Preparation

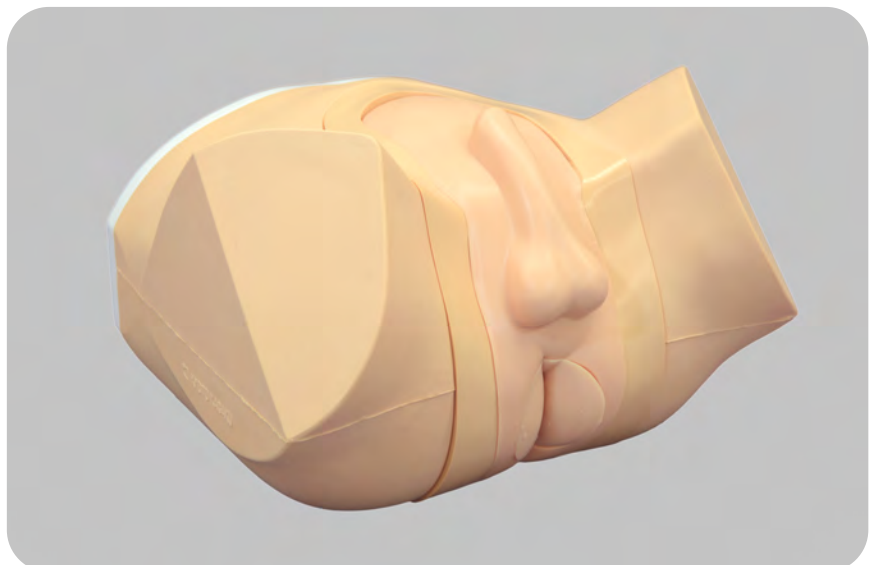
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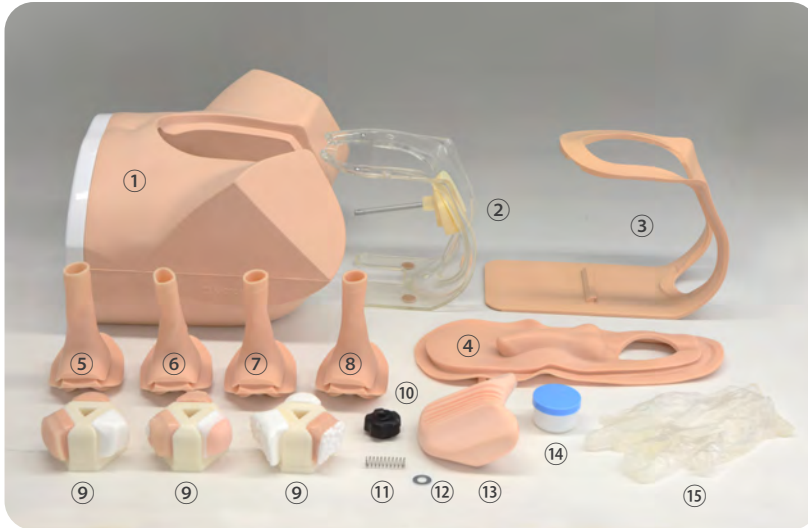
Change of the Case P.8

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Set includes

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



① Lower torso manikin	1
● Case holder	
② Inner frame	1
③ Outer frame	1
④ Skin	1
● Interchangeable rectum units	
⑤ Normal	1
⑥ Rectal cancers	1
⑦ Rectal cancers	1
⑧ Rectum with polyps	1
⑨ Case module	3
⑩ Knob nut	1
⑪ Spring	1
⑫ Washer	1
⑬ Pillow	1
⑭ Lubricant gel	1
⑮ Gloves	1
Storage case (no image)	



*Product is packaged as shown on the left.

⚠ DOs and DON'Ts

DO s

Handle with care

The materials for the models are special compositions of soft resin. Please handle them with the utmost care at all times.

Use vaseline

Please coat your finger(s) with lubricant gel when performing the training for digital examination.

Storage

Store the training set at room temperature, away from heat, moisture and direct sunlight.

DON'Ts

- Never wipe the simulator skin or pads with thinner or organic solvent.
- Do not mark on the phantom and models with pens or leave any printed materials in contact with the surface. Ink marks on the models are not removable.

1 Set the rectal Unit

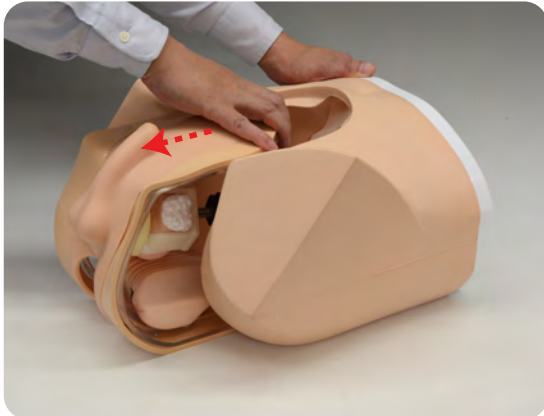
1. Remove the case holder from the lower torso manikin by detaching the velcro.



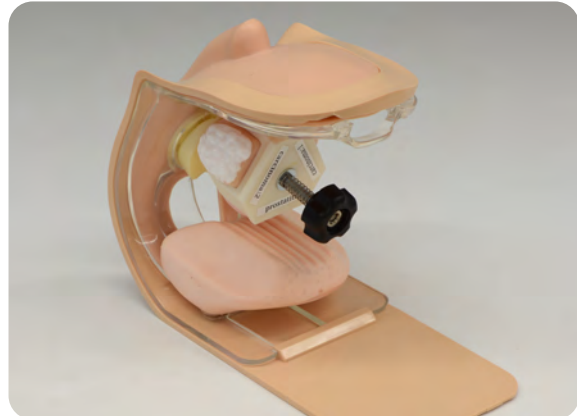
2. Pull the velcro out from the holder on the lower torso manikin.



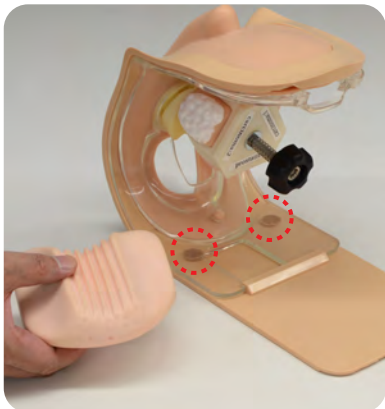
3. Remove the case holder from the lower torso manikin.



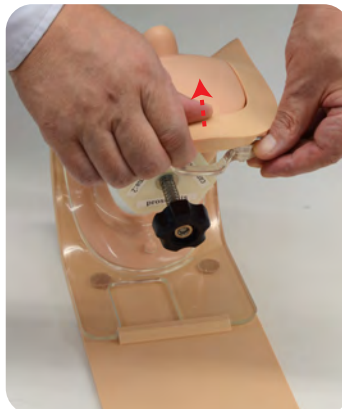
Removed case holder



4. Remove the pillow. The pillow is set in place with the 2 sections of the velcro.



5. Take the case holder apart by lifting the outer frame and pulling down the skin with its inner frame.



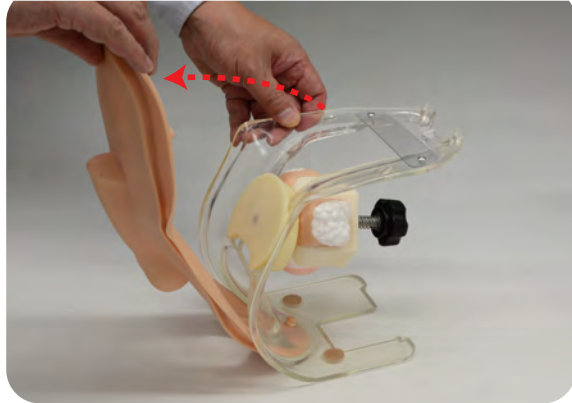
*There are two methods to remove the frame, as seen above.

1 Set the rectal Unit

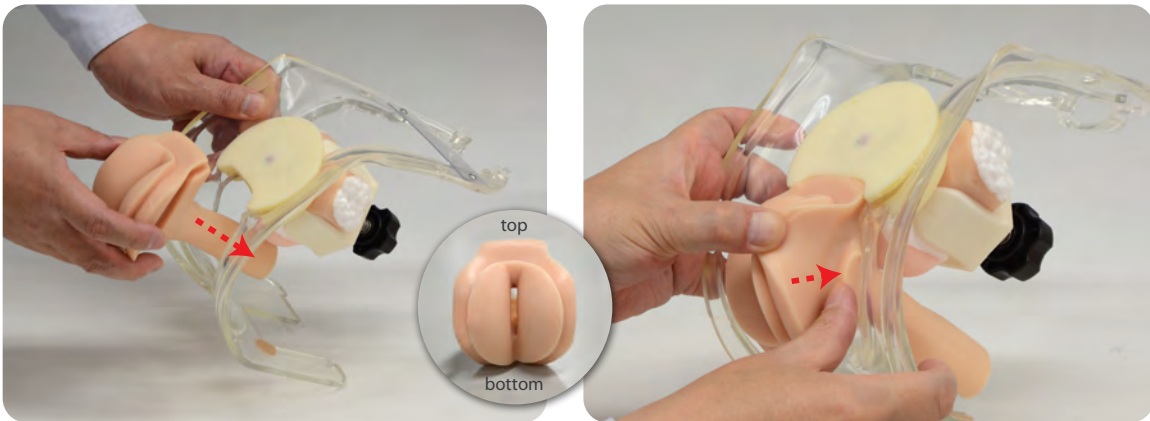
6. Remove the inner frame from the outer frame.



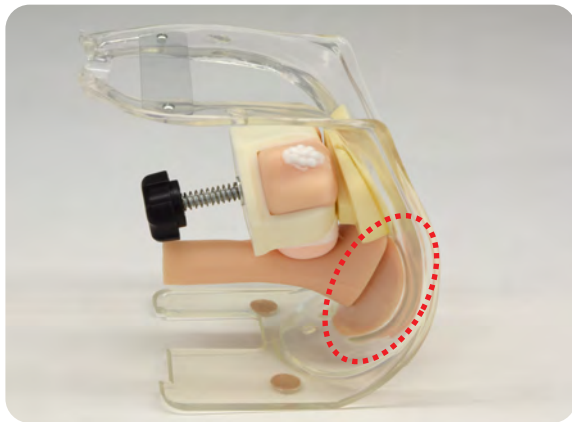
7. Remove the skin.



8. Insert the rectal unit into the inner holder. Be careful not to insert the unit upside down.



Make sure that the rectal unit is securely attached to the inner holder.

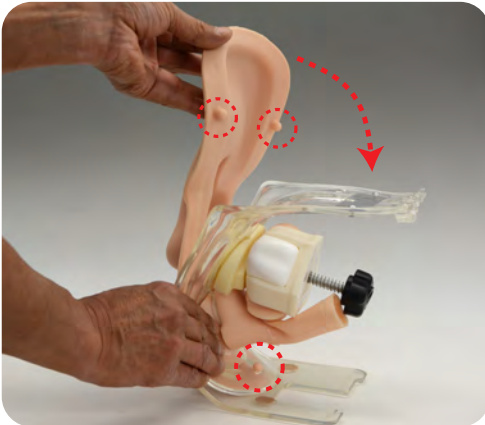


* Please take precautions not to stretch the skin too tight, as it may tear.

1 Set the rectal Unit

9. Attach the skin to the inner holder.

a) Insert the lump on the skin into the inner holder.

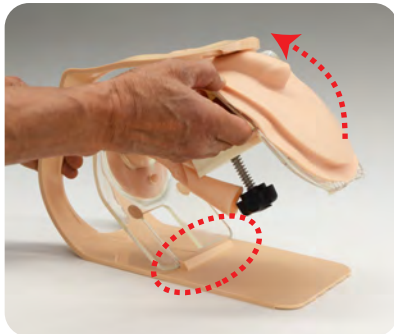


b) Align the skin with the position of the rectum.



10. Attach the outer frame

a) Attach the outer frame along the portion shown in the red circle.



b) Align the skin with the outer frame.

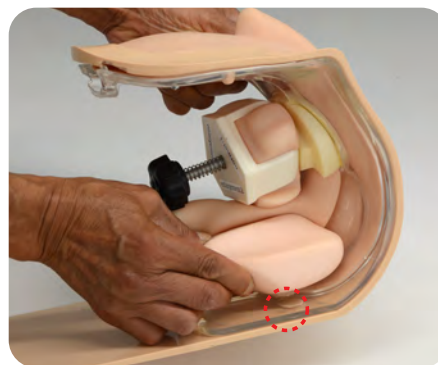
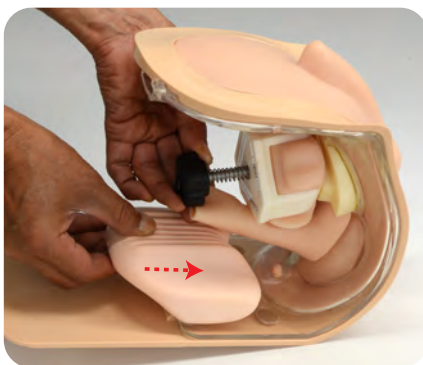


c) Push down on the edges of the outer frame into the inner holder.



11. Attach the pillow

Please be aware of the direction at which you place the pillow.



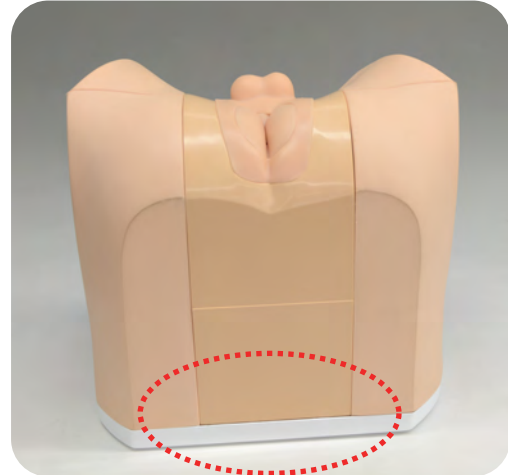
* Secure the pillow with velcro.

* Make sure the tube does not twist.

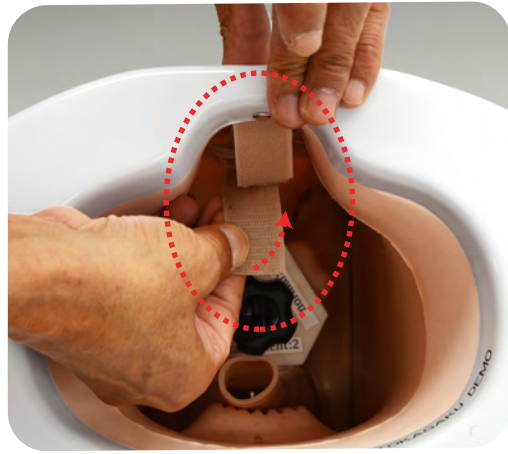
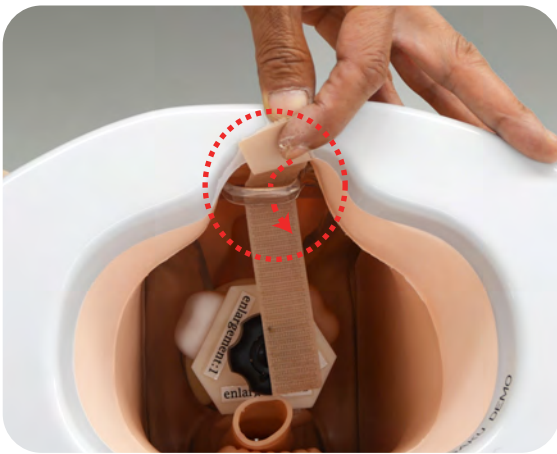
2 Attach the Assembled Unit

1. Insert the assembled unit into the lumbar torso manikin.

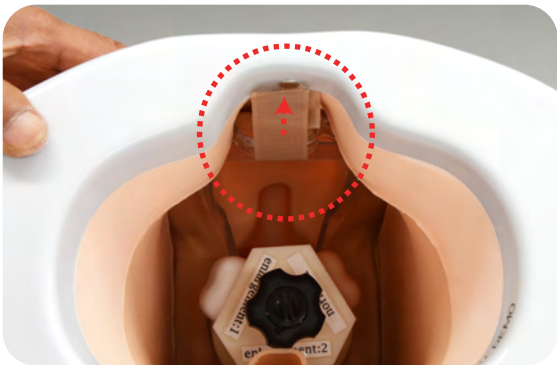
Ensure that the bottom plate of the frame fits inside of the white plastic border of the manikin.



2. Use the velcro to secure the outer frame to the body.



3. Assembly complete



1 Training

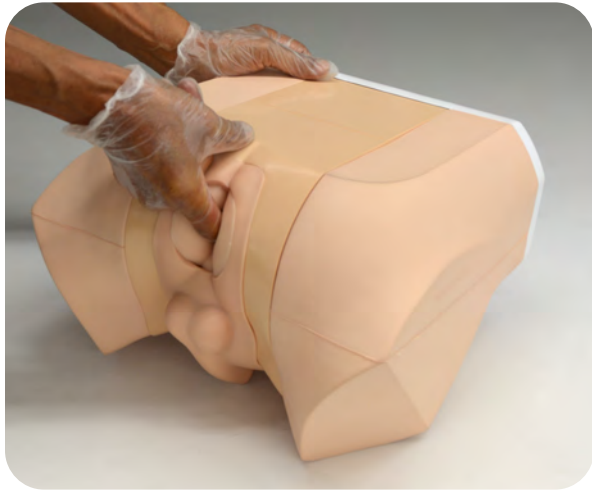
The simulator can be used in three patient positions.



supine position



lateral position

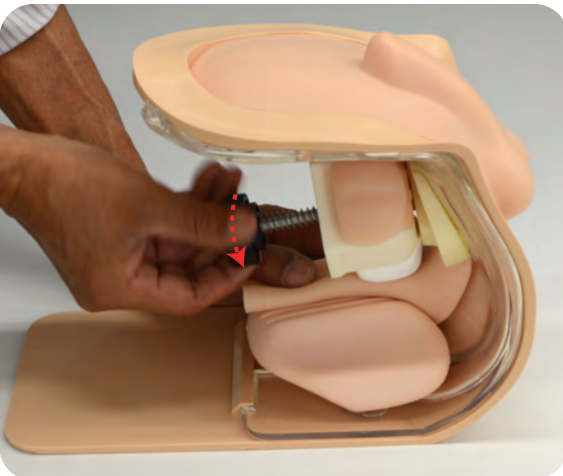
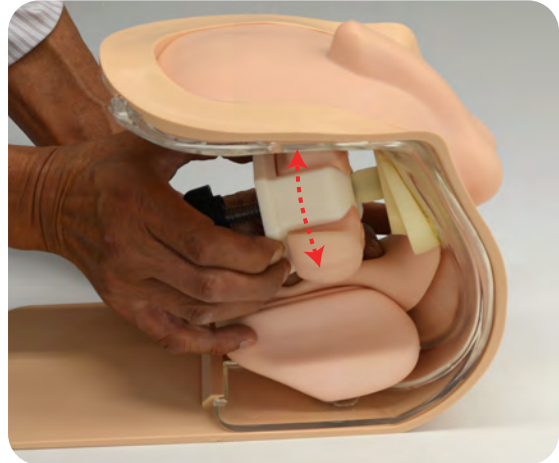
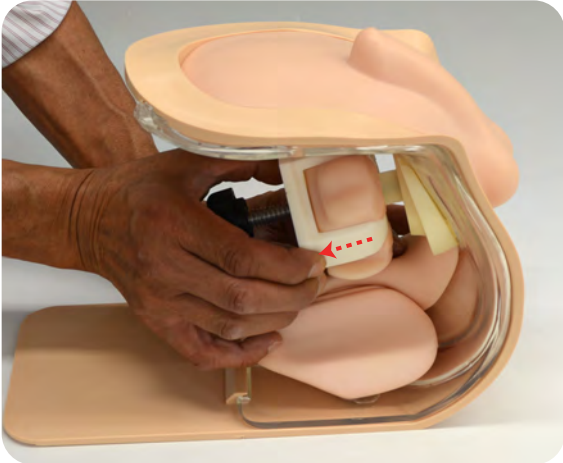


prone position

Change of the Prostate Case

1 Change the Prostate Case

1. There are three prostate case examples on each module. The case module can be rotated to change each case for examination. After changing each case, place the case module back in an upright position. Hold the rectal unit down while pulling the case module towards you. Twist to change the case example.

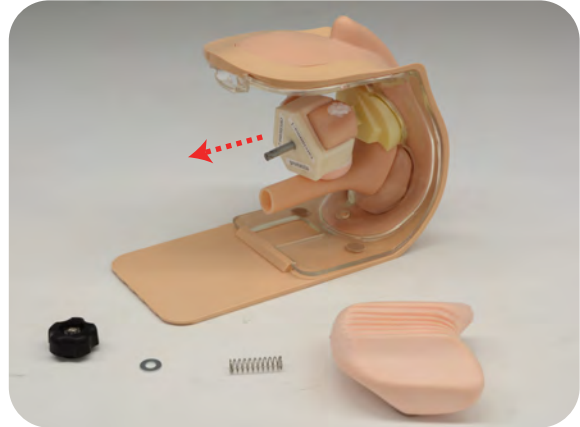
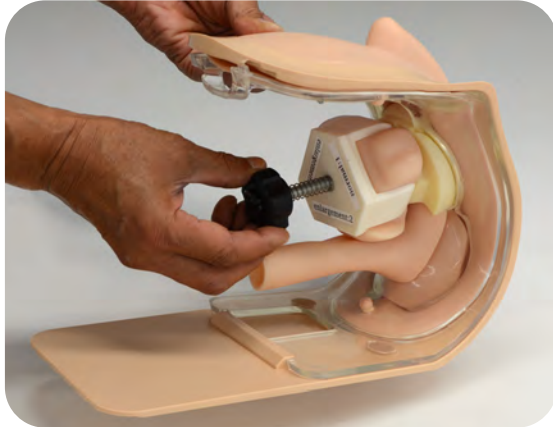


* The pictures illustrate these steps without the body, but this step can also be done with the body frame attached to the phantom.

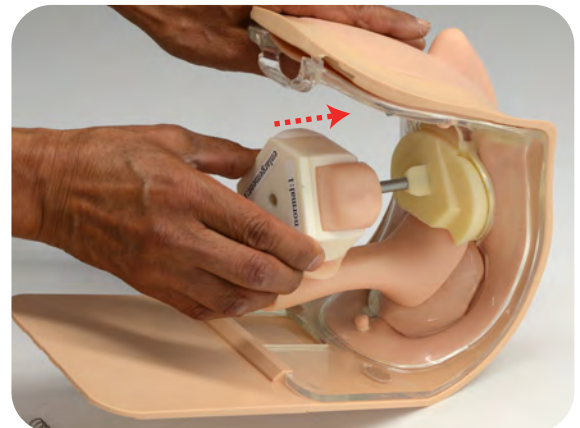
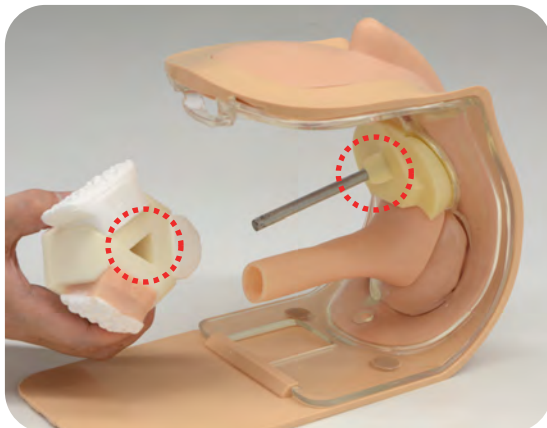
Replacement of the Case Module

1 Replace the case module

1. Remove the pillow. To remove the case module, first remove the knob, spring, and then the washer.



2. Insert the new case module. Adjust by matching the triangular shape with that of the inner frame.



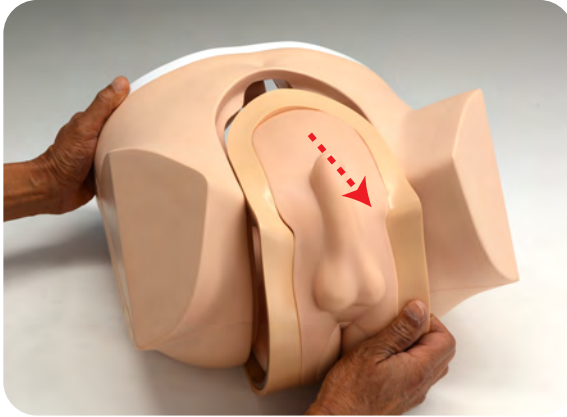
3. Attach the case unit by assembling the following units in order: case unit, washer, spring and knob. Then attach the pillow.



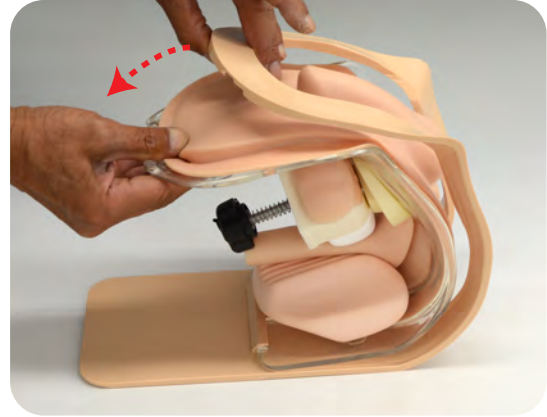
Replacement of the rectal Unit

1 Replacement of the rectal Unit

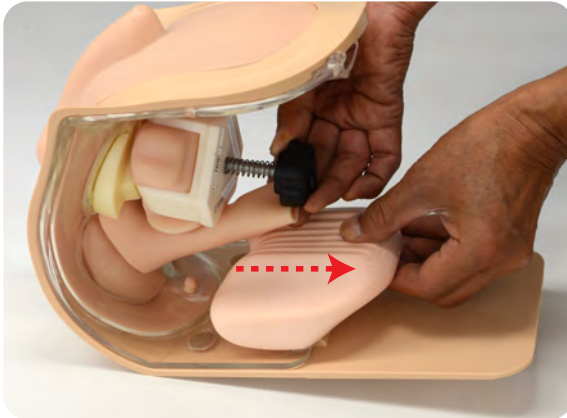
1. Remove the case holder from the lower torso manikin.



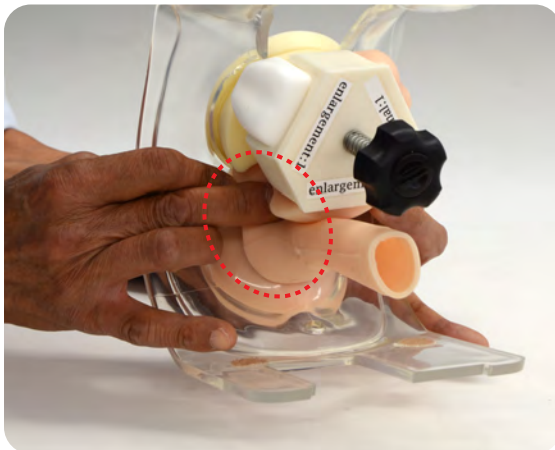
2. Remove the inner frame from the outer frame.



3. Remove the pillow, then remove the skin.



3. Push down on the area shown in the red circle, and pull the rectal unit away from the inner holder.



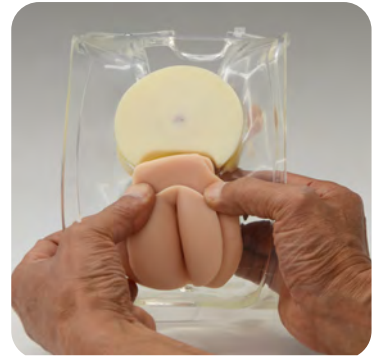
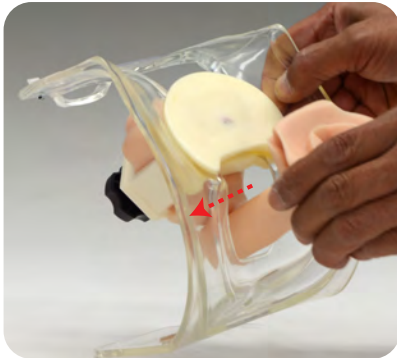
* Please take precautions not to stretch the skin too tightly, as it may tear.

Replacement of the rectal Unit

1 Replacement of the rectal Unit

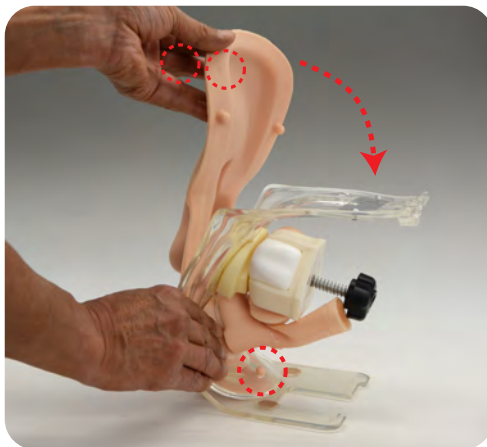
4. Insert the new rectal unit onto the inner holder.

Make sure that the rectal unit is securely attached to the inner holder.



5. Attach the skin to the inner holder.

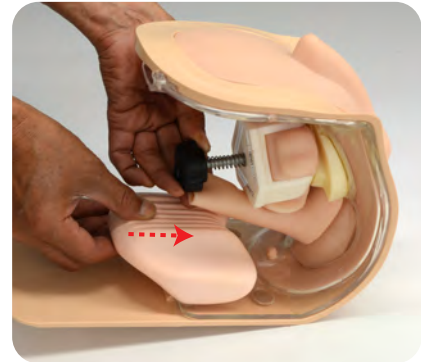
a) Insert the lump on the skin into the inner holder.



b) Align the skin with the position of the rectum.



6. Attach the outer frame, then attach the pillow.





Caution

Do not mark on the phantom with pen or leave printed materials contacted on its surface. Ink marks on the phantom will be irremovable.

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