Genital Unit for MW2B (female)

Contents

• Before you start
  Set includes/DOs and DON'Ts ........................................ P.1

• Preparation
  Catheterization/Enema .............................................. P.2-P.3

• Training session
  Training session .................................................. P.4-P.5

• After training ...................................................... P.6-P.10

• FAQs ............................................................... P.11

⚠️ Attention

Do not let ink from pens, newspapers, product manual or other sources contact the manikin.
Ink marks on the manikin will be irremovable.
Before you start

Set includes

DOs and DON’Ts

DOs
- Handle the manikin and the components with care.
- Storage in a dark, cool space will help prevent the skin colours 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 model 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.
1. Attach the irrigation/drainage tubes with clamp to the connectors at the upper end of the urinary bladder reservoir.

2. One of the tube connectors is for irrigation and the clamp should be placed at the far end of the tube.

3. The other tube connector is for the drainage and the clamp on the tube should be placed around 20-30cm from the bladder.

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

*Caution*

When attaching the tubes to the unit, please hold the unit with one hand while inserting the tube to the port.
**Preparation (Catheterization/Enema)**

1. Connect the irrigation bottle to the irrigation tube which has clamp at near the far end and put the tip of drainage tubes for catheterization and enema into the bucket.

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

3. Fill the irrigation bottle with simulated urine (water). And open the clamp of the drainage tube.
Training procedure

1. Sterilizing of meatus urethra.
   For training of sterilizing of meatus urethra, use water instead of actual antiseptic.

2. Inserting the catheter
   Put the catheter in the tray, drip small quantity of lubricant to its tip. Ensure that about 5cm from the tip is coated by lubricant. Use the lubricant included in the set.

   ![Image of catheter insertion](image)

   **Caution**
   Use 14-16Fr catheter for this model. Using larger catheter causes breakage of the valve.
   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 model 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.
   Product code of the genuine lubricant is 11381-800. Please refer to Page 22.

Simulated urine will be discharged when the catheter is inserted about 5cm. Before inflating the balloon, insert 2cm further from the point that first urine discharge is observed.

![Image of urine discharge](image)

3. Removing the catheter
   Discharge the water in the balloon before removing the catheter. Inflated balloon may cause breakage of the valve.

   ![Image of catheter removal](image)

   **Caution**
   The bladder reservoir needs to be refilled after EACH successful catheterization.
   In case water in the reservoir is low, water will not be flow out even when tip of the catheter reached in the bladder reservoir.
2 Manual bladder compression

Close the clamps on the irrigation tube and drainage tube for manual bladder compression session.

The clamp of the irrigation tube

The clamp of the drainage tube

3 Training for enema

Do the training with left lateral position.

⚠️ Caution

Use plenty amount of genuine lubricant for the training. Insufficient lubrication may cause the difficulty in the training. Enema tube cannot be inserted more than 7cm like real situation.
After training

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

2. 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.

Caution
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.
After training

Assembly for storage

1. After the training, wipe the valve and the meatus urethra thoroughly. Wipe the joint between the valve and the meatus urethra to remove the lubricant, using mildly soapy water and let it dry naturally.

3. Set the bladder in the bladder holder.

2. Attach the meatus urethra.

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

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

6. Put the inner lips through the slit.

Caution

Take care to set the meatus urethra in correct direction.

Note

If necessary replace the worn parts with the new ones.
4. 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.
   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.
5. Connect the rectum unit.
   Set the rectum unit to the tube connector of the genitalia unit.

6. Secure the rectum unit with the metal clip.

**Caution**
Set the rectum unit with correct angle as shown in the picture.
Quick check-up before calling the customer service, when you have problems in using the simulator. Look in the “cases” section for a description of the problem to find a possible solution.

### Catheterization training

<table>
<thead>
<tr>
<th>Cases</th>
<th>Reason</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water leakage</td>
<td>The valve is worn.</td>
<td>Replace it with the new valve</td>
</tr>
<tr>
<td></td>
<td>Loose connection of the valve and bladder reservoir or meatus urethra.</td>
<td>Check the connection of the valve and bladder or meatus urethra, reconnect them tightly.</td>
</tr>
<tr>
<td>Water does not come out when the catheter is inserted.</td>
<td>Water in the bladder reservoir is low.</td>
<td>Fill water into the bladder reservoir by using irrigation bottle.</td>
</tr>
<tr>
<td></td>
<td>Clamps of the irrigation and drainage tubes are closed.</td>
<td>Open the both clamps of irrigation and drainage tubes.</td>
</tr>
<tr>
<td>Valve is easily damaged</td>
<td>Using a non-genuine lubricant that is not included in the set.</td>
<td>Use the lubricant included in the set.</td>
</tr>
<tr>
<td></td>
<td>Using a catheter larger than the recommended size.</td>
<td>Use a catheter of the recommended size of 14-16 Fr.</td>
</tr>
</tbody>
</table>

### Enema Training

<table>
<thead>
<tr>
<th>Cases</th>
<th>Reason</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerin enema tube can be inserted more than 7cm.</td>
<td>Connection of the genitalia organ unit and rectum unit is not correct.</td>
<td>Check the connection of the genitalia organ unit and rectum unit. Then set them steadily. Ensure that the metal clips securing the genitalia organ and rectum unit are firmly in place.</td>
</tr>
<tr>
<td>Water leakage</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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For inquiries and service, please contact your distributor or KYOTO KAGAKU CO., LTD.

<table>
<thead>
<tr>
<th>code</th>
<th>name</th>
</tr>
</thead>
<tbody>
<tr>
<td>11381-300</td>
<td>replacement valve for MW2A/B (a set of 6)</td>
</tr>
<tr>
<td>11381-610</td>
<td>replacement female skin II</td>
</tr>
<tr>
<td>11381-700</td>
<td>replacement female meatus (a set of 2)</td>
</tr>
<tr>
<td>11381-800</td>
<td>lubricant</td>
</tr>
</tbody>
</table>

Consumable parts

For inquiries and service, please contact your distributor or KYOTO KAGAKU CO., LTD.

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15 Kitanekoya-cho Fushimi-ku Kyoto 612-8388, Japan
Telephone : 81-75-605-2510
Facsimile : 81-75-605-2519

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Please contact manufacturer for extra copies of this manual which may contain important updates and revisions.
Please contact manufacturer with any discrepancies in this manual or product feedback. Your cooperation is greatly appreciated.

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