



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.

MW45

Nasopharyngeal Swab Collection Simulator

Instruction
Manual

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Manufacturer's note

Thank you for buying our MW45 Nasopharyngeal Swab Collection Simulator. This model simulates the safe collection of samples from nasal cavity and pharynx. This simulator allows to check whether the simulated throat swab has been properly collected. This simulator also allows repetitive training about the right angle and depth of swabs to nasal cavity and pharynx.

Please read

Please do not use this model outside of its original purpose. Please be reminded that the manufacturer is not responsible for the unlikely damage or accidents by the way of use not written in this instruction.

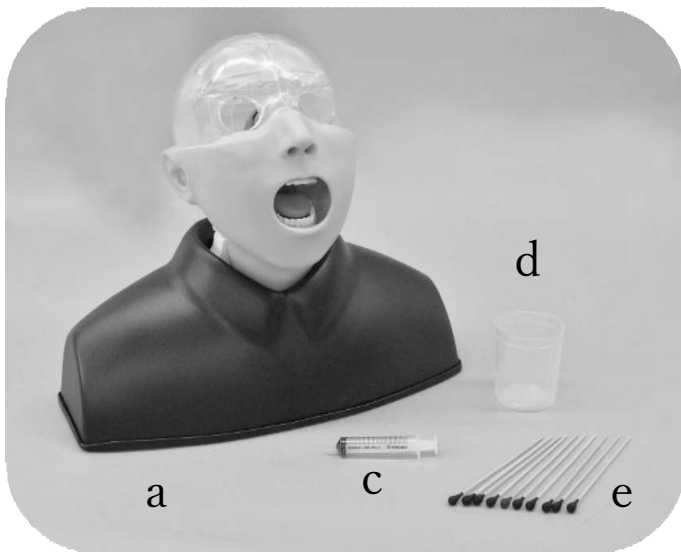
Before use

Set includes

Set includes

Before you start, please ensure that you have all components listed below.

- a. Main model.....1
- b. Cross Sectional Model.....1
- Replacement pad6
(Already set in the main model)
- c. Syringe (10ml)1
- d. Disposable cup (200ml)1
- e. Swabs for Coloring (set of 10)
- Instruction manual



注意

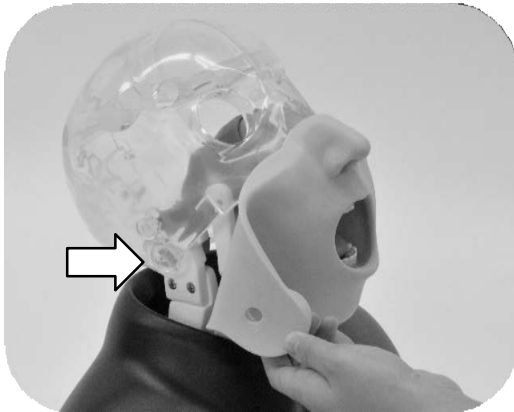
- **Handle the manikin and the components with care.**
Be sure not to drop or add shock to the manikin and its components. The product uses special resins and materials and such shock may cause irreparable damage to the product.

- The color on its surface may change over time, however, this should not affect the quality of its performance.

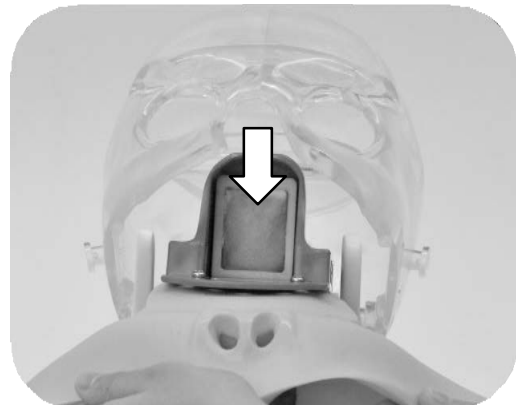
<ul style="list-style-type: none"> ● Do not let ink from pens, newspapers, this manual or other sources come into contact with the manikin, as they cannot be cleaned off the manikin skin. 	<ul style="list-style-type: none"> ● Do not write on the model with ballpoint pen or felt-tip pen.
<ul style="list-style-type: none"> ● Storage in a dark, cool and dry space will help prevent the skin colors from fading and the product from deforming. 	<ul style="list-style-type: none"> ● The manikin skin may be cleaned with a wet cloth using mildly soapy water or diluted detergent if necessary. In case the manikin is not clean enough, alcohol can be used. Do NOT use organic solvent such as thinner.

Preparation of replacement pads and how to replace

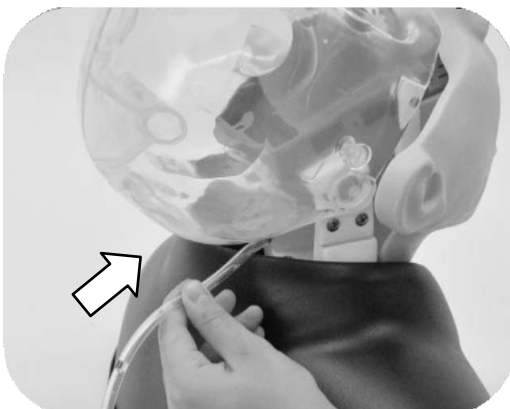
The replacement pad for the nasal cavity is already set at the time of delivery. This pad is to be replaced if necessary. **※If pad is incorrectly set, samples cannot be confirmed during training.**



1) The face skin can be removed by detaching both left and right ears. Pull the skin towards you.



2) After removing the nasal cavity part, you can see the replacement pad. Check whether the pad is set properly. In case the pad is deformed or it is not absorbing enough liquids, please replace it with new pads.

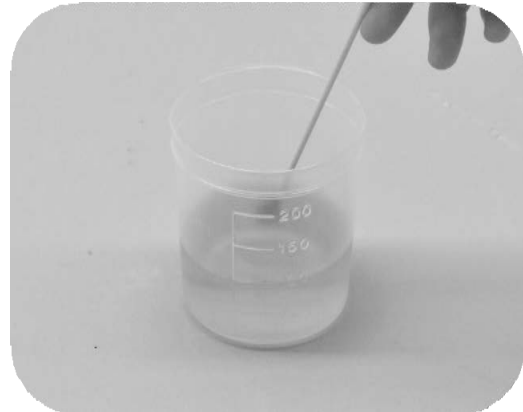
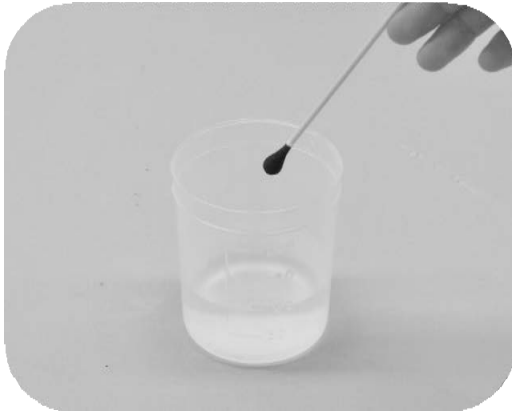


3) By pressing the tube which is on the back side of the neck, the storage case for replacement pad comes forward. After replacing with new pads, set the nasal cavity part and face skin back to its original position.

Preparation

Preparation for simulated throat swab

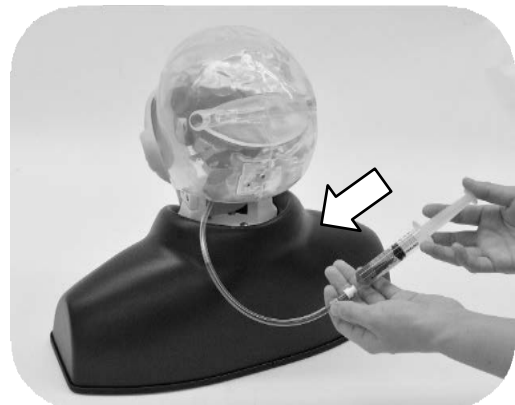
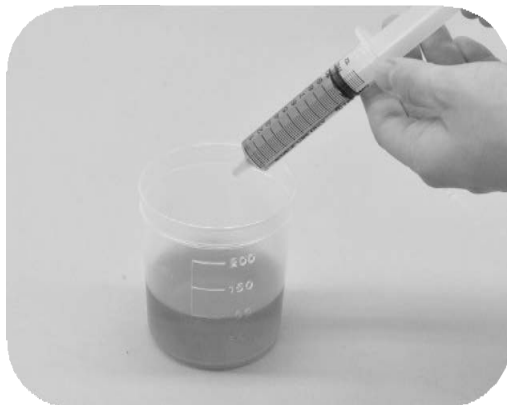
Preparation for simulated throat swab



1) Simulated throat swab in blue color can be made by pouring about 100ml of water to the disposable cup, stir the swab for coloring several times.

●Caution

- If allowed to air-dry, the coloring swabs can be reused multiple times.
- Please handle the simulated throat swabs with care because of the possibility of permanent stain damage to clothes.



2) Pour 10ml of simulated throat sample into the syringe, connect the tube attached to the back of the model, inject the simulated throat sample slowly, and the preparation is done.

●Caution

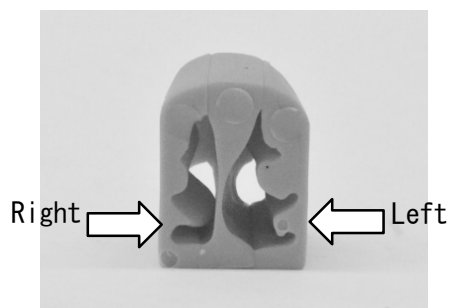
Do not pour more than 10ml of simulated throat sample. The replacement pad cannot absorb the simulated throat sample, which leads to leakage.

Training

Training Item

• Nasopharyngeal Sample Collection

By inserting the cotton swab in proper angle and depth, the the tip of the cotton swab reaches the replacement pad of simulated throat sample, which allows trainee to confirm the cotton swab reached the proper collection area. The shape of the left and right nasal cavities are different, so two different angles of insertion can be practiced.

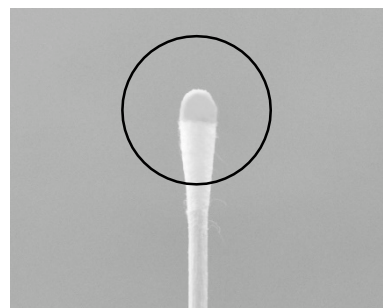


The shape of the left and right nasal cavities are different

• Pharyngeal swab collection



Training to insert cotton swab to the oral cavity while using tongue depressor can be practiced.



Successful cotton swab after taking simulated throat sample.

After training



1) After training, discharge the simulated throat sample inside the tube using the syringe attached. Dispose of the simulated throat sample.



2) By following the procedures in page 2, pull out the replacement pad, squeeze the simulated throat swab, and restore the pad in the original position.

●Caution

The replacement pad can be stored in the condition which it was received. However, it is preferable to remove the remaining water after use, because if new simulated throat swab are inserted without the removal, it can lead to leakage.

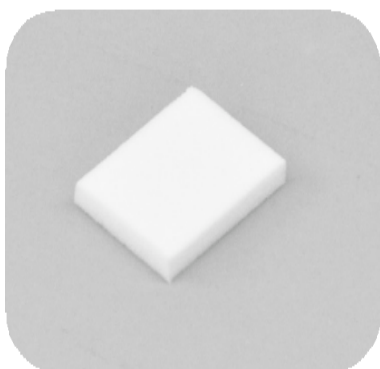


Caution

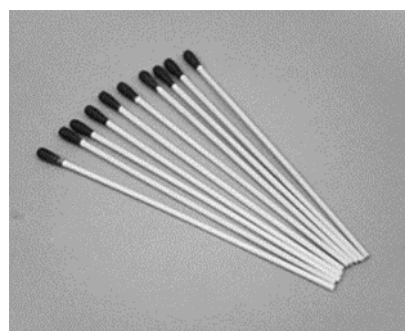
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Replacement parts

Code number	Name
11426-010	Replacement pad for MW45 (a set of 5)
11402-010	Swabs for coloring Blue (a set of 10)



11426-010 Replacement pad for MW45 (a set of 5)



11402-010 Swabs for coloring Blue for MW45 (a set of 10)

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

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Please contact manufacturer with any discrepancies in this manual or product feedback. Your cooperation is greatly appreciated.

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