M85A

Airway Suction Trainer II

User's Guide



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M85A Airway Suction Simulator II (M85A) is a trainer for airway suction and tracheostomy management.

Product Features

This product is used by assembling the pharynx, larynx, bronchial tubes, and esophagus into the body unit and covering it with the skin.

It is used for suction practice with simulated sputum, and a syringe.

Features

1. The internal anatomy of the nasal cavity is faithfully reproduced, allowing learners to understand the key points of catheter insertion.
2. Using simulated sputum, trainees practice the entire suction procedure, from catheter insertion to secretion removal.
3. Suction training is also possible with a bite block or an endotracheal tube in place.
4. Transparent anatomical structure to monitor the catheter
5. The airway disassembles into the nasal cavity, oral cavity, trachea, and esophagus, facilitating an understanding of their anatomical positions and structures.
6. The components are easily disassembled and washed with water.

Training Skills

- Oral suctioning
- Nasal suctioning
- Endotracheal suctioning

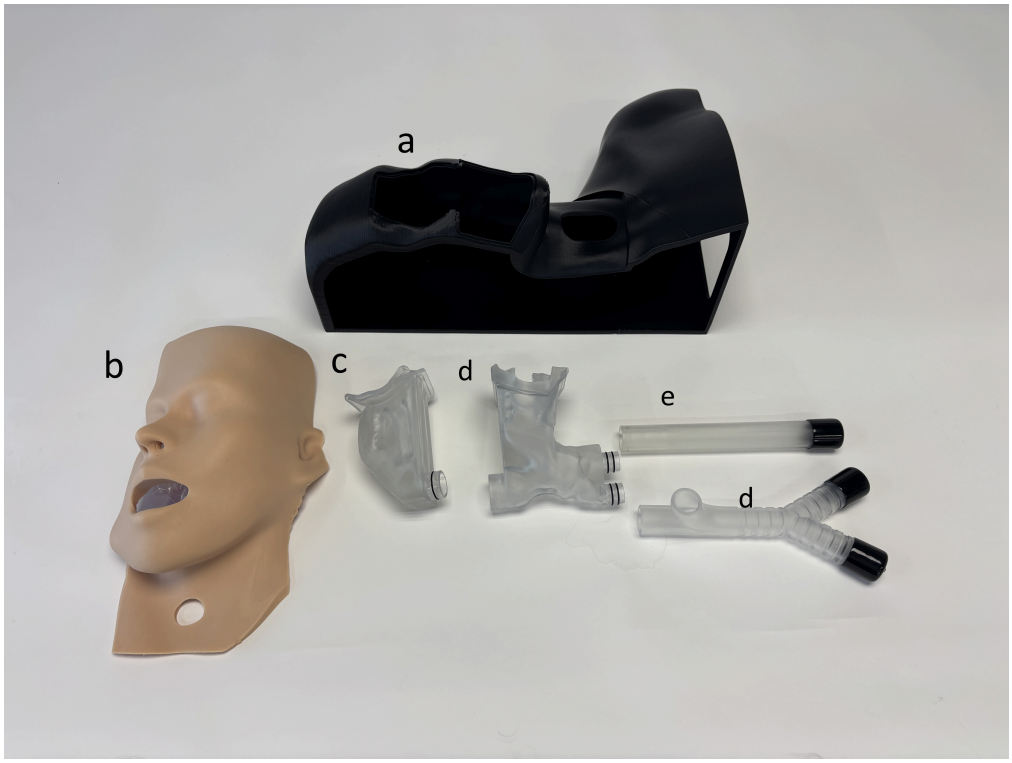
Before first use, verify that all components listed below are included.

Checking the Components

1. Verify that the head-and-neck manikin consists of the skin and airway components.
2. Verify that the simulated sputum, plastic jar, and syringe are included.

This product consists of a body unit, skin, airway anatomy, and accessories.

Package Contents

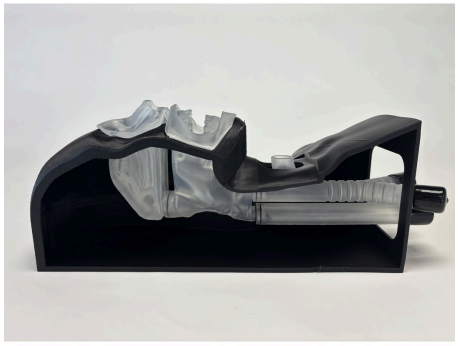


Package Contents

Category	Component	Quantity
a. head-and-neck manikin	body frame	1
b. head-and-neck manikin	skin	1
c. airway anatomy	nasal cavity	1
d. airway anatomy	oral cavity	1
e. airway anatomy	trachea	1
f. airway anatomy	esophagustrachea	1
g. accessory (no photo)	simulated sputum	1
h. accessory (no photo)	plastic jar	1
i. accessory (no photo)	syringe, 50 mL	1
j. accessory (no photo)	lubricant	1
k. accessory (no photo)	storage case	1

Before practice, assemble the internal components and install them in the body unit.

Assembling and Installing the Internal Components



Assembling the airway anatomy components

1. Assemble the nasal cavity and oral cavity units.
2. Install the assembled units into the body frame.



Installing the Internal Components in the Body Unit

3. Attach the esophagus and trachea tubes to the oral cavity unit.

⚠ caution

Precautions for assembly and disassembly

- When attaching the tracheal and esophageal tubes to the oral cavity unit, align the connecting parts and insert them straight until fully seated.
- Verify that the connections are secure.
- To detach the tubes, hold them near the connection points and gently pull them apart.



Cover with the Skin

4. Cover the frame unit with the skin from above.

Once the skin has been installed, preparation of the simulater is complete.

Preparation before a training session

1. Open the plastic bag containing the simulated sputum.
2. Pour the simulated sputum into the included plastic jar.
3. Draw the simulated sputum into the syringe.
4. Inject the simulated sputum into the oral cavity and tracheostomy opening.
5. If friction makes catheter insertion difficult, apply the included lubricant to the nasal cavity, oral cavity, and tracheostomy opening to facilitate insertion.

Please Note

Catheters and a suction device are not included in this set. Prepare catheters, a suction device, and gloves as needed.

- The viscosity of the simulated sputum may change over time. If it becomes too thick, add a small amount of water and mix thoroughly.
- The simulated sputum dries when exposed to air for prolonged periods. Tightly close the jar lid after use.
- The simulated sputum contains coloring agents and may cause stains. Avoid contact with clothing, sheets, and tabletops.
- Training on a tray or waterproof sheet is recommended to prevent staining from the simulated sputum.

After practice, remove the skin and internal components and wash them with water.

Removing and Cleaning the Skin



Skin Removed

1. Peel the skin away from the body frame.
2. Wash the skin with water.

Cleaning the Airway Anatomy Components

Wash off the simulated sputum from the removed internal components, then allow them to dry.

1. Remove the trachea and esophagus.
2. Remove the caps from the ends of the removed components.
3. Wash the trachea unit and esophagus under running tap water.
4. Wash the oral cavity and nasal cavity units with water.
5. Thoroughly wash off any simulated sputum adhering to each part.
6. Allow all washed parts to dry.

⚠ Caution

When detaching the parts, hold them near the connection points and gently pull them apart.

Inspection and Storage

- Residual simulated sputum may dry and become difficult to remove. Rinse all affected components thoroughly with plenty of water immediately after use.
- After washing, remove any remaining water from inside the components and from the skin, and dry them thoroughly.
- Verify that all components are completely dry before reassembly or storage. Do not store wet components in enclosed spaces.
- Store the product away from high temperatures, high humidity, and direct sunlight.
- Keep printed materials away from the manikin's skin. Ink may transfer to the skin and become impossible to remove.
- Before the next use, verify that all components are free from damage or deformation and are properly connected.

General Precautions

Title	Precautions
Intended use	This product is designed for medical education and training purposes only. Do not use this product for any purpose other than its intended use.
Manufacturer responsibility	The manufacturer shall not be liable for any damage or accidents resulting from use other than those described in this instruction manual.
Handle with care	Handle the product and its components with care. Dropping or applying strong impact may cause damage.
Ink and printed material	Do not mark on the product with a pen or leave printed materials in contact with its surface. Ink marks may be absorbed and become irremovable.
Storage conditions	Store the product at room temperature, away from heat, moisture, and direct sunlight.
Discoloration	The surface color may change over time. This does not affect the function or training performance of the product.
Cleaning	Wipe off dirt with water or a mild detergent. Dry the product thoroughly after cleaning.
Organic solvent	Never wipe the product with thinner or organic solvent.
Talcum powder	After drying, apply talcum powder to the surface as needed.
Remove water	After training, remove all water from the components. Remaining water may cause mold, discoloration, or malfunction.
Keep dry	Dry the product thoroughly in a well-ventilated place before storage. Storing the product while damp may cause mold.

The basic information for this product is shown below.

Specifications

Item	Specification
Product name	Airway Suction Trainer II
Model number	M85A
Product code	11229-300
Manufacturer	KYOTOKAGAKU CO., LTD.
Contact	www.kyotokagaku.com,rw-kyoto@kyotokagaku.co.jp
Head Office and Factories	15 Kitanekoya-cho, Fushimi-ku, Kyoto, 612-8388, Japan, Tel:+81-75-605-2510
Asia and Middle East	Second fl. NREG Hongo-3-chome bldg., 3-26-6 Hongo, Bunkyo-ku, Tokyo 113-0033, JAPAN, Tel:+81-3-3817-8071
Europe, CIS and Africa	De-Saint-Exupery-Str.10, 60549 Frankfurt, Germany, Tel:+49-69-5060-28160
All America Regions	3109 Lomita Boulevard, Torrance, CA 90505-5108,USA, Tel:+1-310-325-8860 Fax:+1-310-325-8867

Replacement Parts

- simulated sputum　11229-070
- sluburicant　11229-050

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