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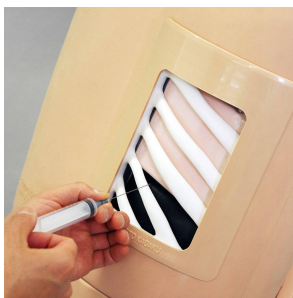
Ultrasound-Guided Thoracentesis Simulator

Item No. MW4
Weight
Brand KYOTO KAGAKU, JAPAN

[Read More](#)

SKU:

Categories:Ultrasound Phantom



Product Description

Simulate thoracentesis on both a torso and SP / Ultrasound-Guided Thoracentesis Simulator features two types of puncture units: mid-scapular line access and mid-axillary line access. Strap-on (wearable) puncture units facilitates hybrid training sessions with simulated patients.

Features

Training skills / Applications

Set includes

Size (approx.)

Packing size (approx.)

Weight (approx.)

Packing weight (approx.)

Materials

Replacement parts

Optional parts

Related products

Production ? Development Supervision

Recommended Devices

Notes

Update

1. Strap-on units to practice patient positioning and communication 2. Two sites for access: right mid-scapular line and left mid-axillary line 3. Volume of pleural effusion can be controlled to set different levels of difficulty.

Patient positioning / Recognition of anatomical landmarks by ultrasound / Assessment of level and volume of pleural effusion / Determination of insertion site / Needle insertion and collection of fluid

1 adult chest model / 1 mid-axially line unit / 1 mid-scapular line unit / 1 pillow for positioning / 1 explanation model for thoracentesis / 1 instruction manual / 1 irrigator / 1 funnel / 1 syringes (50ml) / 1 tube with three-way stopcock / 1 plastic jar

Torso size: W40 x D25 x H50 cm , 15.7 x 9.9 x 19.7 in / Thoracentesis pad size: W16 x D7 x H21 cm , 6.3 x 2.76 x 8.3 in

W65 x D48 x H48 cm / W25.5 x D19 x H19 in

9.65kg / 4.4lb

12kg / 26.5lb

Soft resin / Latex free

11383-010 mid axially line unit puncture pad / 11383-020 mid-scapular line unit puncture pads / 11383-030 replacement lung

11394-010 pad for MW15

[MW17 Ultrasound-Guided Thoracentesis/ Pericardiocentesis Simulator](#) [M4A Ultrasound-Guided Thoracentesis Simulator - Strap-on set](#) - [MW15 Ultrasound-Guided Pericardiocentesis Simulator](#)

Takahiro Amano, M.D., Vice President, Senior Vice-Dean, Postgraduate School, Professor and Director, Center of Postgraduate Medical Education, International University of Health and Welfare Honorary Director, Sanno Medical Center

22 G - 23 G needle

Needles are not included.

October 20, 2020

Ultrasound-Guided Thoracentesis Simulator (MW4) — Dual-Site Pleural Effusion Access Training

The Ultrasound-Guided Thoracentesis Simulator (Item No. MW4, **[confirm weight — see note]**) by Kyoto Kagaku, Japan lets students practice thoracentesis on both a full torso model and, using strap-on puncture units, on a standardized patient — supporting hybrid training sessions that combine anatomical accuracy with realistic patient interaction.

Two clinically relevant access sites in one simulator. The kit includes puncture units for both mid-scapular line access and mid-axillary line access — the two primary sites used for real thoracentesis procedures, letting students practice site selection alongside technique rather than training on a single fixed access point.

Adjustable difficulty for progressive skill-building. The volume of pleural effusion can be controlled, allowing instructors to set different levels of difficulty — useful for taking students from straightforward, larger-volume effusions through to more challenging, lower-volume scenarios as their skill develops.

Trains the complete clinical workflow: patient positioning, recognition of anatomical landmarks by ultrasound, assessment of pleural effusion level and volume, determination of insertion site, and needle insertion with fluid collection.

Hybrid training with standardized patients. The strap-on (wearable) puncture units let instructors run realistic sessions where students also practice patient positioning and communication with a live standardized patient — not just technical needle skills on a static torso.

What's included: adult chest model, mid-axillary line unit, mid-scapular line unit, positioning pillow, thoracentesis explanation model, instruction manual, irrigator, funnel, 50ml syringe, tube with three-way stopcock, plastic jar.

Recommended needle: 22G–23G (needles not included).

Replacement parts available for both puncture pad types and the replacement lung, so consumable wear from repeated needle insertion can be addressed without replacing the full simulator.

Developed under supervision of Takahiro Amano, M.D., Vice President and Senior Vice-Dean, International University of Health and Welfare.

Why Buy from SEM Trainers? SEM Trainers & Systems is an authorised distributor of Kyoto Kagaku products in India with over 30 years of experience supplying medical simulators and clinical skills trainers to 1,500+ institutions across 28 states. We provide pan-India delivery and dedicated after-sales support.

Frequently Asked Questions

Q: Can this be used with a live standardized patient, or only on the torso model? A: Both — the strap-on puncture units allow hybrid sessions combining the torso model's anatomical accuracy with realistic patient positioning and communication practice on a standardized patient.

Q: Which access sites are covered? A: Mid-scapular line and mid-axillary line — the two primary clinical access sites for thoracentesis.

Q: Are needles included? A: No — needles are not included. Recommended size is 22G–23G.

Contact us at sem@semtrainers.com or call +91-88495 63724 for pricing and availability.