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## Ultrasound-Guided Thoracentesis/ Pericardiocentesis Simulator

Item No. MW17  
Weight  
Brand KYOTO KAGAKU, JAPAN

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**SKU:**

**Categories:**Advanced Trauma Life Support (ATLS)



### Product Description

Simulate thoracentesis on both a torso and SP / Practice patient safety during pericardiocentesis with ultrasound guidance

### Features

1. Palpable ribs 2. Realistic needle-tip insertion and resistance 3. Both thoracentesis and pericardiocentesis in one unit

## Training skills / Applications

Patient positioning / Recognition of anatomical landmarks by ultrasound / Visualization of pericardial fluid under ultrasound scanning / Landmark palpation / Assessment of level and volume of pleural effusion / Determination of insertion site / Needle insertion and collection of fluid

## Set includes

1 adult chest model / 1 mid-axially line unit / 1 mid-scapular line unit / 1 pericardiocentesis unit / 1 pillow for positioning / 1 explanation model for thoracentesis / 1 instruction manual / 1 irrigator / 1 funnel / 2 syringes (50ml) / 1 joint hose / 1 tube with three-way stopcock / 1 plastic jar

## Size (approx.)

Torso size: W38 x D25 x H48 cm , 15 x 9.9 x 18.9 in / Thoracentesis pad size: W16 x D7 x H21 cm , 6.3 x 2.76 x 8.3 in / Perocardio pad size: W16 x D14 x H21 cm , 6.3 x 5.6 x 8.3 in

## Packing size (approx.)

W66 x D49 x H46 cm / W26 x D19 x H18 in

## Weight (approx.)

9.65kg / 4.41lb

## Packing weight (approx.)

12kg / 26.5lb

## Materials

Soft resin / Latex free

## Replacement parts

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

## Related products

[MW4 Ultrasound-Guided Thoracentesis Simulator M4A](#)  
[Ultrasound-Guided Thoracentesis Simulator - Strap-on set - MW15 Ultrasound-Guided Pericardiocentesis Simulator](#)

## Production ? Development Supervision

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

## Recommended Devices

Thoracentesis: 22 G - 23 G needle / Pericardiocentesis: 18 G needle

## Notes

Needles are not included.

## Update

October 20, 2020

Why Choose the Ultrasound Guided Thoracentesis Pericardiocentesis Simulator for Your Simulation Lab in India? The Ultrasound Guided Thoracentesis Pericardiocentesis Simulator from 3B Scientific is a trusted training tool used across simulation labs in India for hands-on ultrasound-guided thoracentesis practice. This simulator helps medical students and healthcare professionals build critical competencies in a safe, controlled environment — fully aligned with NMC's Competency-Based Medical Education (CBME) guidelines for mandatory clinical skills training. Who Is This Simulator Ideal For? This product is recommended for medical colleges setting up OSCE stations, nursing institutions, and hospitals building clinical skills laboratories as per NMC guidelines. Whether you are setting up a new simulation lab or upgrading your existing facility, the Ultrasound Guided Thoracentesis Pericardiocentesis Simulator offers an excellent balance of realism, durability, and training value. Why Buy from SEM Trainers? SEM Trainers is a leading supplier of medical manikins and simulators across

India. Authorized 3B Scientific distributor in India. We provide complete support including pan-India delivery, on-site installation, faculty training workshops, and prompt after-sales maintenance. All our products carry genuine manufacturer warranty and meet ISO 9001 quality standards. Frequently Asked Questions Q: Is the Ultrasound Guided Thoracentesis Pericardiocentesis Simulator compliant with NMC simulation lab requirements? A: Yes, this simulator supports the skill-based training competencies specified under NMC's CBME framework for Indian medical and nursing institutions. Q: Does SEM Trainers provide installation and training support? A: Absolutely. We offer on-site installation, hands-on demo sessions, and faculty orientation workshops for every product delivered, anywhere in India. Q: What is the warranty and how do I get support? A: All products come with standard manufacturer warranty. For support, reach us at [sem@semtrainers.com](mailto:sem@semtrainers.com) or call +91-88495 63724.