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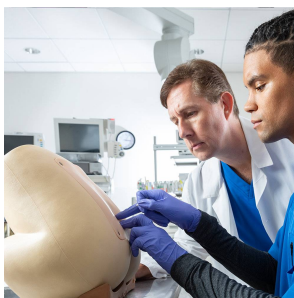
Lumbar Puncture Simulator IIA

Item No. M43B
Weight
Brand KYOTO KAGAKU, JAPAN

[Read More](#)

SKU:

Categories: Epidural and Lumbar



Product Description

Why Choose the Kyoto Kagaku Lumbar Puncture Simulator IIA for Your Simulation Lab in India?

The Lumbar Puncture Simulator IIA (Item No. M43B) by Kyoto Kagaku, Japan is a 33 × 21 × 30 cm

latex-free adult lumbar puncture and epidural anaesthesia training simulator — described by Kyoto Kagaku as the world's best training simulator for lumbar puncture and epidural anaesthesia, developed and supervised by Prof. Takahiro Amano, M.D., Vice President and Senior Vice-Dean, International University of Health and Welfare. For anaesthesiology training programmes, neurology residency courses, emergency medicine simulation labs, and NMC-mandated clinical skills labs in India that need a multi-scenario LP and epidural training platform beyond a single patient-type simulator, the M43B is the most feature-complete adult LP simulator in the catalogue.

The defining capability is the six interchangeable lumbar puncture blocks covering five distinct patient presentations: two normal CSF blocks, one obesity CSF block, one senior CSF block, one senior obesity CSF block, and one epidural block — enabling trainees to practise on anatomically and mechanically different patient types in a single session without changing simulators. The simulator provides realistic skin and tissue resistance during insertion, CSF fluid pressure measurement, CSF fluid collection, epidural nerve block with realistic needle-tip sensation, and loss-of-resistance technique simulation — covering the complete LP and epidural procedure skill set. A new stable supporting stand accommodates both one-person and team training scenarios, and a separate support base for team teaching allows multiple learners to observe simultaneously. Skills trained include landmark palpation, LP needle insertion, CSF collection, CSF pressure measurement, epidural anaesthesia, and anatomical understanding. Recommended needle sizes: 18G epidural, 21G spinal. Needles are not included.

Replacement blocks available separately: normal CSF (11348-090), obesity CSF (11348-110), senior CSF (11348-120), senior obesity CSF (11348-130), epidural block (11348-140), lumbar region skin cover light tone (11348-150), dark tone (11348-150-D). Optional ultrasound-compatible block available (11348-190).

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

Frequently Asked Questions

Q: How many patient types can be practised on this simulator? A: Five — normal, obese, senior, senior obese, and epidural — via six interchangeable puncture blocks included in the set.

Q: Are needles included? A: No. Recommended needle sizes are 18G for epidural and 21G for spinal. Needles must be sourced separately.

Q: What is included in the set? A: 1 lumbar region model, 6 puncture blocks, 1 skin cover, 1 supporting stand, 1 team teaching support base, 1 lumbar spine model, 1 irrigation bag, 1 syringe, 1

stand for irrigation bag, 1 instruction manual, and 1 storage case.

World's best training simulator for lumbar puncture and epidural anesthesia / New stable supporting stand for one person and team training scenarios/ Five types of puncture blocks enhance training with different types of challenges

Features

Training skills / Applications

Set includes

Size (approx.)

Materials

Replacement parts

Optional parts

Related products

Production ? Development Supervision

Recommended Devices

Notes

Update

1. Realistic skin and tissue resistance during insertion
Measure CSF fluid pressure, collect CSF fluid and practice epidural anesthesia procedures
2. Simulates administration of epidural nerve block with realistic needle-tip sensation
3. Simulates loss of resistance technique

Palpation of landmarks / Lumbar puncture / CSF collection / CSF pressure measurement / Epidural anesthesia / Anatomical understanding

1 lumbar region model / 6 lumbar puncture blocks: 2 normal CSF, 1 obesity CSF, 1 senior CSF, 1 senior obesity CSF, 1 epidural / 1 lumbar region skin cover / 1 supporting stand/ 1 support base for team teaching / 1 lumbar spine model / 1 irrigation bag / 1 syringe / 1 stand for irrigation bag / 1 instruction manual / 1 storage case

W33 x D21 x H30 cm / W13 x D8.3 x H11.8 in

Soft resin, hard resin / Latex free

11348-090 1 LP block (normal CSF)/ 11348-110 1 LP block (obesity CSF)/ 11348-120 1 LP block (senior CSF)/ 11348-130 1 LP block (senior obesity CSF)/ 11348-140 1 epidural block/ 11348-150 1 lumbar region skin cover light tone/11348-150-D 1 lumbar region skin cover dark tone /11348-160 supporting stand (two ways)

11348-190 ultrasound lumbar puncture-epidural block / 11348-230 ultrasound lumbar region skin cover for M43E

[MW3 Epidural Anesthesia Simulator](#) [M43D Pediatric Lumbar Puncture Simulator II](#) [M43E Ultrasound Compatible Lumbar Puncture/ Epidural 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

Epidural needle: 18G / Spinal needle: 21G

Needles are not included.

October 1, 2020