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Life/form® Pediatric Lumbar Puncture Simulator

Item No. LF01000U
Weight 9.07kg
Make: Nasco Healthcare, USA

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SKU:

Categories: Injections and Punctures



Product Description

The Life/form® Pediatric Lumbar Puncture Simulator represents a 10-12 month old infant placed in a left lateral decubitus position with the neck and knees flexed, approximating the necessary fetal position. The embedded iliac crest offers exceptional realism, while removable spine, spinal canal and

skin pad make training simple and hassle free. Lumbar puncture may be performed in the L3-L4, L4-L5, or L5-S1 spaces. The correct site can be located by palpating the ilia crest and spine. A small "give" will be felt as the spinal needle is advanced slowly into the proper space. Fluid will flow when the needle is in proper position. Students will appreciate the opportunity to practice this delicate but commonly preformed procedure on a simulator that is both appealing and anatomically accurate. Benefits:

- Targets key skills specific to pediatric lumbar puncture procedures
- Palpation of landmarks
- Skin preparation
- Needle positioning and insertion
- Cerebrospinal fluid collection
- Measure cerebrospinal fluid pressure
- Intrathecal injections Features:
- Anatomically correct and palpable
- Correct body positioning
- Lumbar pad is easy to replace
- Realistic resistance
- Simulated CSF flows with successful puncture

The Life/form® Pediatric Lumbar Puncture Simulator arrives attached to a board for stability during practice. The infant measures 19" L x 7" W x 6" H and the board measures 19-1/2" L x 11" W. Includes the Pediatric Lumbar Puncture Infant on a sturdy board, one lumbar puncture pad with spine and spinal tubing, IV bag with tubing, baby powder, hard carrying case, and instruction manual.

Rich, genuinely distinctive product. The angle worth stating upfront: this is a **whole-body infant simulator for lumbar puncture**, not a limb/pad trainer — it represents a specific 10-12 month old positioned in the exact clinical fetal-position posture used for real pediatric LPs, which is a fundamentally different training focus from all the venipuncture/injection arms and legs covered earlier.

Why Choose the Life/form® Pediatric Lumbar Puncture Simulator for Your Nursing Skills Lab in India?

The Life/form® Pediatric Lumbar Puncture Simulator (Item No. LF01000U, Weight: 9.07kg, Make: Nasco Healthcare, USA) is a genuinely different training focus from the arm and leg trainers covered elsewhere in an injections-and-punctures lineup: it's a full infant-body simulator representing a 10–12 month old in the left lateral decubitus position, with neck and knees flexed to approximate the fetal position required for a real pediatric lumbar puncture.

The embedded iliac crest delivers exceptional palpation realism, while the removable spine, spinal

canal, and skin pad make setup and cleanup simple between training sessions. Lumbar puncture can be performed at the L3-L4, L4-L5, or L5-S1 spaces, with the correct site located by palpating the iliac crest and spine — just as in real clinical practice. Students feel a small "give" as the needle is advanced into the proper space, and fluid flows once the needle reaches correct position, giving clear procedural feedback.

Skills covered:

- Palpation of anatomical landmarks
- Skin preparation
- Needle positioning and insertion
- Cerebrospinal fluid collection
- Measuring cerebrospinal fluid pressure
- Intrathecal injections

What's included: The Pediatric Lumbar Puncture Infant mounted on a sturdy board (for stability during practice), one lumbar puncture pad with spine and spinal tubing, IV bag with tubing, baby powder, hard carrying case, and instruction manual.

Specifications:

- Infant: 19" L x 7" W x 6" H
- Board: 19½" L x 11" W

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

Frequently Asked Questions

Q: What age does this simulator represent? A: A 10–12 month old infant, positioned in the left lateral decubitus (fetal) position used for real lumbar puncture procedures.

Q: Which spinal spaces can be accessed? A: The L3-L4, L4-L5, or L5-S1 spaces.

Q: How does the simulator confirm correct needle placement? A: Students feel a small "give" as the needle enters the proper space, and simulated fluid flows once positioning is correct.

Q: Is the lumbar pad replaceable? A: Yes — the lumbar pad, spine, and skin are designed to be easily replaced.

Q: How do I order from SEM Trainers? A: Contact us at sem@semtrainers.com or call +91-88495 63724 for pricing and availability.