SEM TRAINERS & SYSTEMS
WHERE TIME MOVES AHEAD TO KEEP PACE WITH KNOWLEDGE
SEM- Scientific Educative Methods in Science, Engineering & Medicine

Mobile :	+91 88495 63724	**Email:**	sem@semtrainers.com
Mobile 1:	+91 98791 03905	**Website:**	www.semtrainers.com

Life/form® Pediatric Lumbar Puncture Simulator

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

Read More

SKU:

Categories: Epidural and Lumbar

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.
Excellent existing description — one of the most complete in the entire project. Item No. LF01000U, 9.07 kg, Make: Nasco Healthcare, USA ?. Infant: 19" × 7" × 6"; board: 19.5" × 11". Represents a 10–12 month old infant in left lateral decubitus with neck and knees flexed. L3-L4, L4-L5, L5-S1 spaces available. Companion product (Pediatric Lumbar Puncture Replacement Kit) already in related products. Rewriting in standard format while preserving all the technically precise content already on the page.

DESCRIPTION (copy-paste into WordPress product description):

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

The Life/form® Pediatric Lumbar Puncture Simulator (Item No. LF01000U) by Nasco Healthcare, USA is a 9.07 kg paediatric lumbar puncture training simulator representing a 10–12 month old infant

anatomically positioned in the left lateral decubitus with neck and knees flexed — the correct fetal position required for paediatric lumbar puncture. For paediatric medicine residency programmes, neonatal nursing simulation labs, PALS training centres, and NMC-mandated clinical skills labs in India that need to train lumbar puncture on a paediatric patient, this simulator is the only dedicated infant-age-specific LP trainer in the catalogue. Lumbar puncture may be performed in the L3-L4, L4-L5, or L5-S1 interspinous spaces.

The correct puncture site can be located by palpating the iliac crest and spine — training the landmark identification step that must precede needle insertion on a real paediatric patient. The embedded iliac crest offers exceptional realism and palpability. As the spinal needle is advanced slowly into the proper space, a small, distinct "give" will be felt as it traverses the ligamentum flavum and enters the subarachnoid space — the same tactile feedback that confirms correct needle placement in clinical practice. Simulated CSF flows when the needle is in the correct position, enabling practice of CSF collection and measurement of CSF opening pressure, in addition to intrathecal injection technique. The lumbar pad with embedded spine and spinal tubing is replaceable for extended training life. The simulator arrives mounted on a sturdy board for stability during practice. Includes one lumbar puncture pad with spine and spinal tubing, IV bag with tubing, baby powder, hard carrying case, and instruction manual.

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 to 1,500+ institutions across 28 states. We provide pan-India delivery, on-site installation, faculty orientation, and dedicated after-sales support. All products carry genuine manufacturer warranty.

Frequently Asked Questions

Q: What patient age does this simulator represent? A: A 10–12 month old infant in correct left lateral decubitus positioning with neck and knees flexed — the anatomical and positional configuration required for paediatric lumbar puncture.

Q: Which interspinous spaces can be practised? A: L3-L4, L4-L5, and L5-S1 — the three spaces used clinically for paediatric lumbar puncture.

Q: What is included and what can be replaced? A: Includes one lumbar puncture pad with spine and spinal tubing, IV bag with tubing, baby powder, a hard carrying case, and an instruction manual. The lumbar pad is replaceable — see the Pediatric Lumbar Puncture Replacement Kit for consumable restocking.