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Spinal Injection Simulator

Item No. LF01036U
Weight 11.244kg
Dimensions 48 x 44.5 x 26.5 cm
Make: Nasco Healthcare, USA

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SKU:

Categories: Epidural and Spinal



Product Description

This Spinal Injection Simulator is a valuable training and teaching aid allowing realistic demonstration and practice of all spinal injections. Spinal injection techniques include spinal anesthesia, spinal tap, epidural analgesia, caudal analgesia, sacral nerve block, and lumbar sympathetic block. Excellent simulation qualities, in addition to an easy-to-change vertebral column and replaceable skin, make this product the very best available. View the Life/form® Spinal Injection Simulator being used to demonstrate a Post Dura Puncture Headache (PDPH) prevention technique at www.go-

aps.com/spinal/hatfalvi.mpg, and for more information on PDPH prevention, visit www.prevent-pdph.org. Careful duplication of the anatomy ensures proper resistance in needle puncture and accurate palpation reference points. The replaceable skin can be changed without tools in minutes. The spinal column can be charged with fluid and placed in sitting or lateral positions for injection practice. The L1 and L2 sections of the vertebral column are clearly visible. The functional portion of this injection model includes L3-L5 vertebrae, plus the sacrum and coccyx. Includes a fluid supply bag with connectors, teaching guide, and hard carry case. Fluid supply stand and needle not included. Needle not included.

The Spinal Injection Simulator (Item No. LF01036U) is a premium clinical skills trainer manufactured by Nasco Healthcare, USA, weighing 11.244 kg and measuring 48 x 44.5 x 26.5 cm. Widely regarded as the very best available simulator for spinal injection training, it is a valuable teaching and practice aid that allows realistic demonstration and hands-on practice of all major spinal injection techniques — including spinal anesthesia, spinal tap, epidural analgesia, caudal analgesia, sacral nerve block, and lumbar sympathetic block.

Careful duplication of the lumbar anatomy ensures proper needle resistance and accurate palpation reference points at every injection site. The easy-to-change vertebral column and replaceable skin — changeable without tools in just minutes — make this simulator exceptionally practical for high-volume training environments. The spinal column can be charged with fluid and positioned in either a sitting or lateral position, accurately replicating the real-world patient positioning used during spinal procedures. The L1 and L2 sections of the vertebral column are clearly visible, while the functional training portion includes the L3–L5 vertebrae, sacrum, and coccyx. The package includes a fluid supply bag with connectors, teaching guide, and a hard carry case. A downloadable user manual is available on the product page. Note: Fluid supply stand and needles are not included.

Q1. What is the Spinal Injection Simulator used for? It is used for realistic demonstration and practice of all major spinal injection techniques including spinal anesthesia, spinal tap, epidural analgesia, caudal analgesia, sacral nerve block, and lumbar sympathetic block.

Q2. What spinal injection techniques can be practiced on this simulator? Trainees can practice spinal anesthesia, spinal tap (lumbar puncture), epidural analgesia, caudal analgesia, sacral nerve block, and lumbar sympathetic block — covering the full range of spinal and epidural injection procedures.

Q3. How realistic is the needle resistance on this simulator? The anatomical structures are carefully duplicated to ensure proper needle resistance at every injection layer, along with accurate palpation reference points — giving trainees a true-to-life experience of navigating the lumbar anatomy during injection procedures.

Q4. How easy is it to replace the skin on this simulator? The skin can be replaced without any tools in just a few minutes, making maintenance quick and practical even in high-volume training environments. Replacement skins are available as a separate accessory (Item No. LF01039U).

Q5. What patient positions can be simulated? The spinal column can be charged with fluid and placed in either a sitting or lateral position, accurately replicating the two most common patient positions used during real spinal injection procedures.

Q6. Which vertebral levels are functional on this simulator? The functional training portion includes the L3–L5 vertebrae, sacrum, and coccyx. The L1 and L2 sections of the vertebral column are also clearly visible for anatomical reference and teaching purposes.

Q7. What is included in the package? The package includes the spinal injection simulator, a fluid supply bag with connectors, a teaching guide, and a hard carry case. Note: The fluid supply stand and needles are not included and must be sourced separately.

Q8. Is a user manual available? Yes, a downloadable user manual is available on the product page at semtrainers.com for easy setup and reference.

Q9. Who is this simulator ideal for? It is ideal for medical colleges, anaesthesia departments, pain management training centers, nursing institutes, and clinical skills labs focused on spinal and epidural injection technique training.

Q10. Where can I purchase this in India? You can enquire and order through SEM Trainers at **+91-88495 63724** or **+91-98791 03905**, or visit semtrainers.com.