



AMERICAN MEDICAL MANUFACTURING

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USER GUIDE



The GENESIS Epidural-Spinal Injection Simulator is the ideal training simulator for common neuraxial blocks. This ultrasound compatible model contains anatomical structures found in the lumbar region. The realistic loss of resistance and fluid filled intrathecal space allows users to locate the correct target sites. GENESIS is the beginning of lumbar block proficiency.

The GENESIS Epidural-Spinal Injection Simulator consists of five main components. A body housing, core, spinal tubing, locking syringe, and fill line. The housing functions as a stand, drainage reservoir and contains anatomical landmarks. Each core has three vertebral bodies, two interspaces, ligamenta flava and an epidural space. The spinal tubing represents the dura and subarachnoid space. The locking syringe and fill line work together to pressurize the spinal tubing with fluid, allowing for CSF confirmation during spinal punctures.



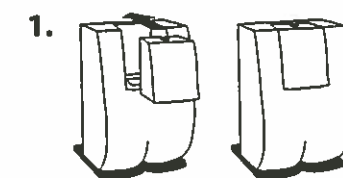
PRE-CAUTION

- Intentional spinal sticks with a non-pencil point needle will greatly reduce life of spinal tubing
- Clean with soap and water. Pat dry with microfiber or lint-free towel
- To reduce tackiness use talcum or baby powder
- Store on flat surface at room temperature
- Do not use on stainable surface
- Drain all fluids from spinal tubing when not in use
- Sacral injections are not possible with this device

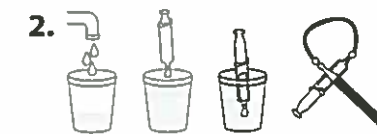


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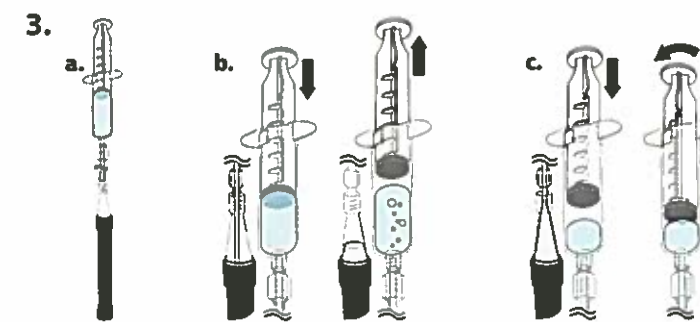
SET UP



1. Insert core into body housing

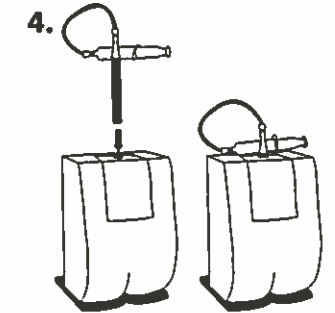


2. Fill syringe with water then connect to fill line and spinal tubing.



a. Point syringe down and let spinal tubing hang.
b. Gently pump and draw syringe until top of spinal tubing is filled with water.
c. Inject additional 5cc and twist plunger to lock at next tab.

*Do not overpressurize. May lead to spinal tubing leakage.

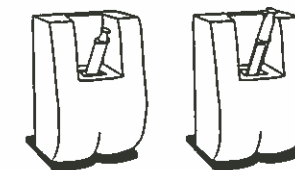


4. Insert spinal tubing into the core's epidural space. Place syringe on top of housing in the designated grooves.

EMPTY RESERVOIR

1. Use syringe to empty drainage reservoir.

*Ensure drainage reservoir is empty before placing in lateral decubitus position. Reservoir will not collect fluid in this position.



REPRESSURISE

1. Repeat step 3 in SET UP once air is visible at the top of spinal tubing.



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