

# A Adam,Rouilly

AR351

## Nerve Block / Pain Relief Manikin

Product Leaflet





AR351



The Nerve Block/Pain Relief Manikin provides highly realistic training in regional anaesthesia and pain management procedures.

A dedicated Manikin for training in the visualisation of bony anatomy where X-Ray technology is better suited than Ultrasound.

Designed with radiographic accuracy, it enables safe practice in needle placement, landmark identification, and spinal or nerve block techniques under X-Ray. An essential tool for anaesthetists learning epidurals, facet injections, and advanced nerve block skills.

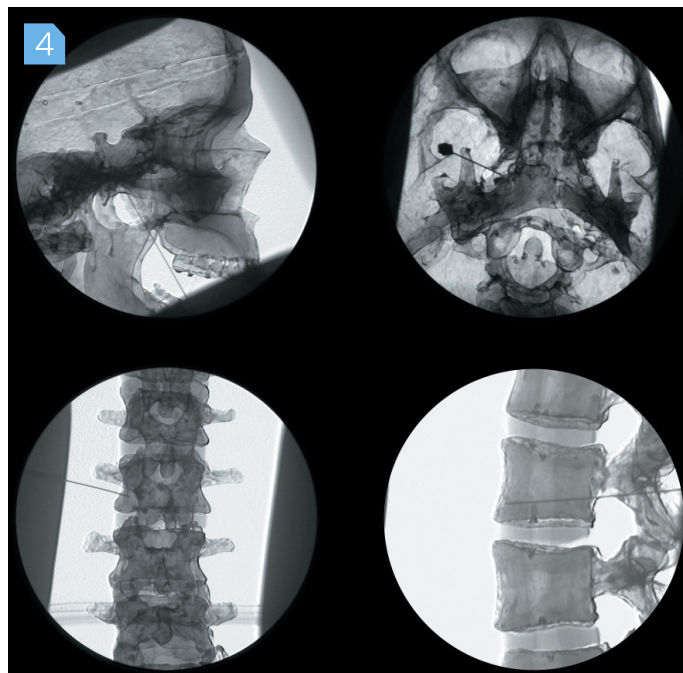
The Regional Anaesthesia Simulation Manikin, designed by a Consultant Anaesthetist at the Manchester and Salford Pain Centre for training anaesthetists in correct needle placement in Nerve Blocks for pain management.

### Skills

- Knowledge of surface anatomy applied to the individual nerve blocks
- Image orientation and accurate identification of radiographic landmarks
- Needle insertion point and angle of direction
- Recognition of deep bony contact
- Withdrawing and redirecting needle to adjust angle
- The end point of simulation is the correct radiographic appearance
- Accurate needle placement is vital for effective pain clinic blocks and essential for neurolytic procedures; radiological screening should be routine, with practical training provided
- Unfamiliar trainees risk prolonged, uncomfortable procedures for patients

### Features

- Manikin features a coated plastic skeleton, artificial skin head, and durable fabric torso for practising needle placement under X-Ray image intensifier.
- Low X-Ray density reduces radiation dose during simulated procedures.



1 Advancement of Needle, avoiding Oral Cavity  
 2 X-Ray Showing Lumbar Spine

3 Needle Placement for a Lumbar Sympathectomy  
 4 Visualisation of Needle Placement in the Bony Structures of the Skull and Spine Under X-Ray

### Range of Simulation

- Lumbar sympathetic block
- Splanchnic nerve block
- Epidural injections at all spinal levels
- Cervical, Thoracic and Lumbar facet joint injection and radio frequency denervation of posterior primary ramus
- Cervical facet joint injection
- Trigeminal ganglion block or guided radio frequency needle placement
- Coeliac nerve block
- Superior hypogastric nerve block
- Sacroiliac joint injection

### Nerve Block Training

- Trigeminal ganglion block / radiofrequency needle placement procedure
- Cervical facet joint injection
- Epidural injections (all spinal levels)
- Lumbar sympathetic, splanchnic, coeliac, and superior hypogastric nerve blocks
- Lumbar facet joint injection/radiofrequency denervation of posterior primary ramus
- Sacroiliac joint injection

### Includes

Rigid Carrying Case  
 Instruction Manual

# Safety in Training, Safety in Practice

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