



## LUMBAR PUNCTURE & EPIDURAL RANGE

This range offers realistic, repeatable and cost effective training in the core skills of Lumbar Puncture and Epidural Anaesthesia for both palpation and ultrasound guided techniques.

All three models share a common base but offer different levels of complexity to support trainees from early through to advance learning.

Designed in conjunction with clinicians, the models feature realistic feel and response while offering a safe environment for learning and skill maintenance.

- 61000** LUMBAR PUNCTURE MODEL
- 61001** ADVANCED EPIDURAL & LUMBAR PUNCTURE MODEL
- 61002** ULTRASOUND EPIDURAL & LUMBAR PUNCTURE MODEL



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## LUMBAR PUNCTURE MODEL

61000

This model is designed for early years training. It features replaceable tissue inserts, durable spine and dura that accurately recreate the feel of puncturing the dura and the collection and measurement of CSF.

Its separate spine and replaceable tissue means the model is a cost-effective way to train large numbers of students.



## ADVANCED EPIDURAL & LUMBAR PUNCTURE MODEL

61001

The Advanced model allows training in both lumbar puncture and epidural administration. Featuring two epidural inserts: standard and an advanced version with steeper spine, the model is ideal for both early and advanced training for more complex procedures.

This model also features optional fat pads to fit below the skin to increase realism and difficulty for trainees.

## ULTRASOUND EPIDURAL & LUMBAR PUNCTURE MODEL

61002

Ideal for those wishing to teach lumbar puncture or epidurals using the ultrasound guided technique.

Tested to work on all major ultrasound brands, this model includes visible facet joints.



# QUALITIES

## ANATOMY

- Palpable sacrum, iliac crests and vertebrae L2-5

## REALISM

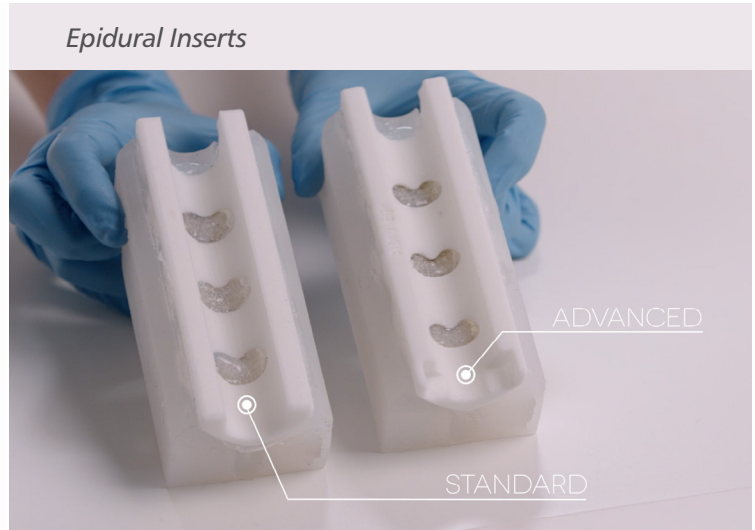
- Can feel when the dura has been punctured
- Able to practice loss of resistance technique\*
- Obese skin options\*
- Optional steeper spine and smaller vertebral spaces\*

## KEY FEATURES

- Position in left lateral and sitting

## VERSATILITY

- All inserts compatible with common base
- Rotatable skin to ensure cost-effective training



\* 61001 Only

# SKILLS

	LUMBAR PUNCTURE MODEL 61000	ADVANCED EPIDURAL & LUMBAR PUNCTURE MODEL 61001	ULTRASOUND EPIDURAL & LUMBAR PUNCTURE MODEL 61002
• Injection of local anaesthetics	✓	✓	✓
• Lumbar puncture	✓	✓	✓
• Collect and measure CSF	✓	✓	✓
• Epidural administration	✗	✓	✓
• Ultrasound- guided technique	✗	✗	✓
• Obese option	✗	✓	✗

# CONTAINS

	61000	61001	61002
• Epidural & Lumbar Puncture Torso with Torso Skin	✓	✓	✓
• Epidural & Lumbar Puncture Stand	✓	✓	✓
• 61010 Lumbar Puncture Insert - Bone	✓	✓	✗
• 61011 Lumbar Puncture Insert - Tissue (x2)	✓	✓	✗
• 61012 Epidural Insert (x2)	✗	✓	✗
• 61013 Advanced Epidural Insert (x2)	✗	✓	✗
• 61014 Epidural & Lumbar Puncture Ultrasound Insert (x2)	✗	✗	✓
• 61015 Epidural & Lumbar Puncture Skin Pad	✓	✓	✗
• 61016 Epidural & Lumbar Puncture Fat Pad (x3)	✗	✓	✗
• 61017 Epidural & Lumbar Puncture Standard Dura (x2)	✓	✓	✓
• 61018 Epidural & Lumbar Puncture Advanced Dura (x4)	✗	✓	✓
• 61019 Epidural & Lumbar Puncture Iliac Crest Insert	✓	✓	✓
• 61020 Epidural & Lumbar Puncture Insert Cartridge	✓	✓	✓
• 61021 Epidural & Lumbar Puncture Sacral Insert	✓	✓	✗
• 61022 Epidural & Lumbar Puncture Water Container	✓	✓	✓
• Marker Pen	✗	✗	✓



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## CURRICULUM REFERENCES:

61000	61001	61002	<p><b>FOUNDATION PROGRAMME</b>  <i>Foundation Curriculum, 2012 (Updated for 2014), p.51</i></p>
61000	61001	61002	<p><b>CORE MEDICAL TRAINEES</b>  <i>Specialty Training Curriculum for Core Medical Training, 2019 (Amended 2013), p.63</i></p>
	61001	61002	<p><b>ANAESTHESIA TRAINEES</b>  <i>CCT (Certificate of Completion of Training) in Anaesthetics, Annex B Core Level Training, 2010, p.48</i></p>
		61002	<p><b>ANAESTHESIA TRAINEES AND THOSE WHO COMPLETED THEIR FORMAL TRAINING BEFORE THE INTRODUCTION OF ULTRASOUND</b>  <i>Ultrasound in Anaesthesia and Intensive Care: A Guide to Training, 2011, p.17</i></p>
61000	61001	61002	<p><b>ACUTE CARE COMMON STEM TRAINEES</b>  <i>Acute Care Common Stem Core Training Program, Curriculum and Assessment System, 2012, p.103</i></p>
61000	61001	61002	<p><b>EMERGENCY MEDICINE SPECIALIST TRAINEES</b>  <i>The Royal College of Emergency Medicine, Curriculum and Assessment Systems For Training in Emergency Medicine, 2015, p.144</i></p>
61000	61001	61002	<p><b>NEUROLOGY SPECIALIST TRAINEES</b>  <i>Specialty Training Curriculum for Neurology, 2010 (Amended 2013), p.22</i></p>
61000	61001	61002	<p><b>INFECTIOUS DISEASES SPECIALIST TRAINEES</b>  <i>Curriculum for Specialty Training in Infectious Diseases, 2014, p.71</i></p>

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