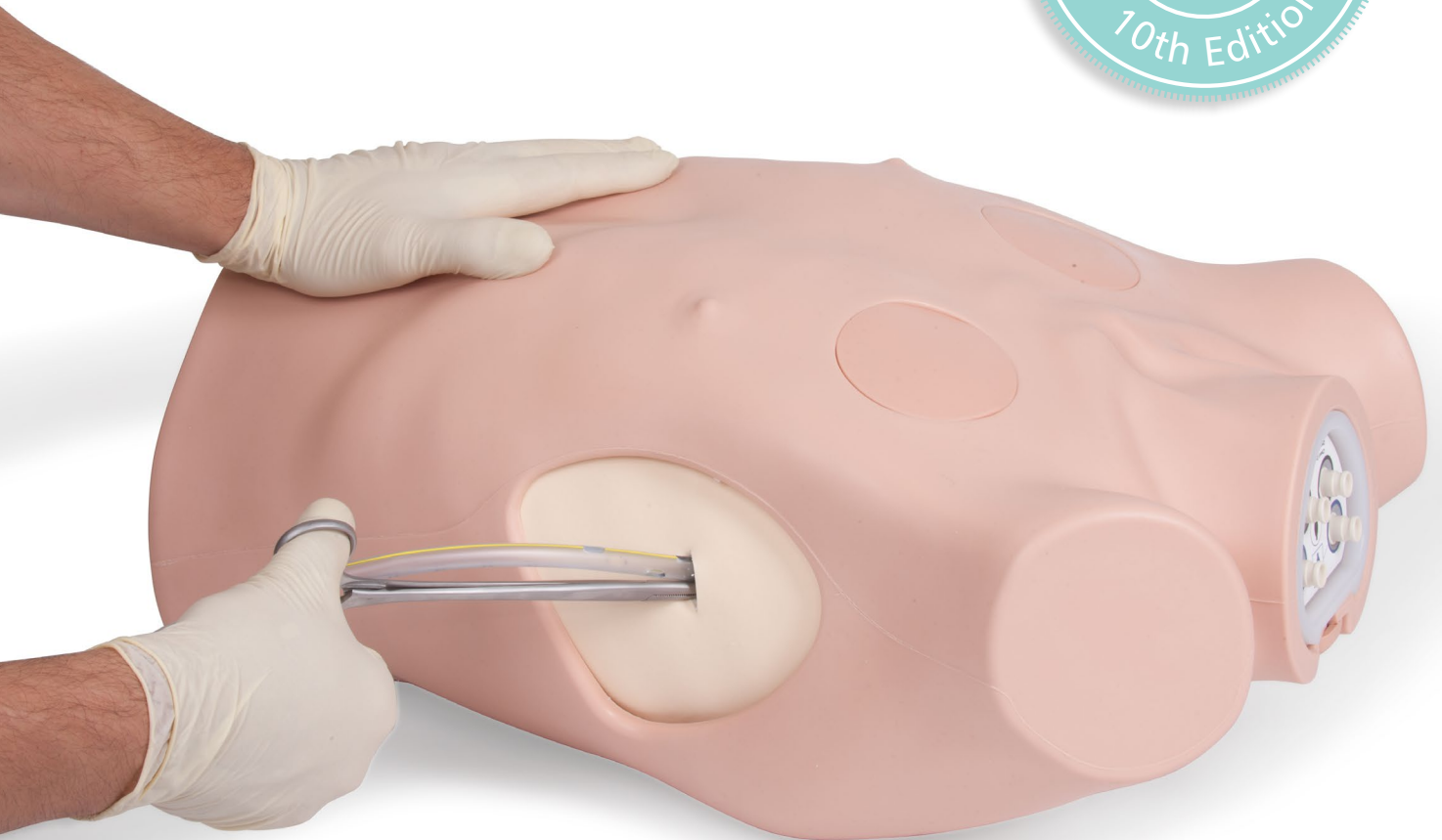




# CHEST DRAIN & NEEDLE DECOMPRESSION TRAINER

60230



*Learning has never been more lifelike*

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# A COST EFFECTIVE SOLUTION FOR THE ATLS 10TH EDITION COURSE FROM THE AMERICAN COLLEGE OF SURGEONS

The Chest Drain & Needle Decompression Trainer has been designed to meet the specific requirements of healthcare professionals training in surgical or guidewire assisted thoracostomy and thoracentesis.

This product allows for a variety of chest drain insertion techniques to be performed including ultrasound-guided techniques.

## TESTED BY LEADING ATLS EDUCATORS

- 1 *Blunt dissection*
- 2 *Chest tube insertion*
- 3 *Seldinger technique*
- 4 *Internal anatomy visible under ultrasound*
- 5 *Realistic needle decompression*



## PRODUCT QUALITIES

### ANATOMY

- Representation of adult male thorax with arms raised
- Bony and soft tissue landmarks: manubriosternal joint, clavicles, ribs, pectoralis major and latissimus dorsi
- Internal ultrasound anatomy: diaphragmatic structures and collapsed lung

### REALISM

- Can give the impression of breathing under ultrasound when using the advanced pad
- Needle decompression air reservoirs provide realistic release of air on insertion of needle

### KEY FEATURES

- Reservoirs can be filled with fluid or mock blood to represent pleural effusion
- Bilateral chest drain and needle decompression pads

### VERSATILITY

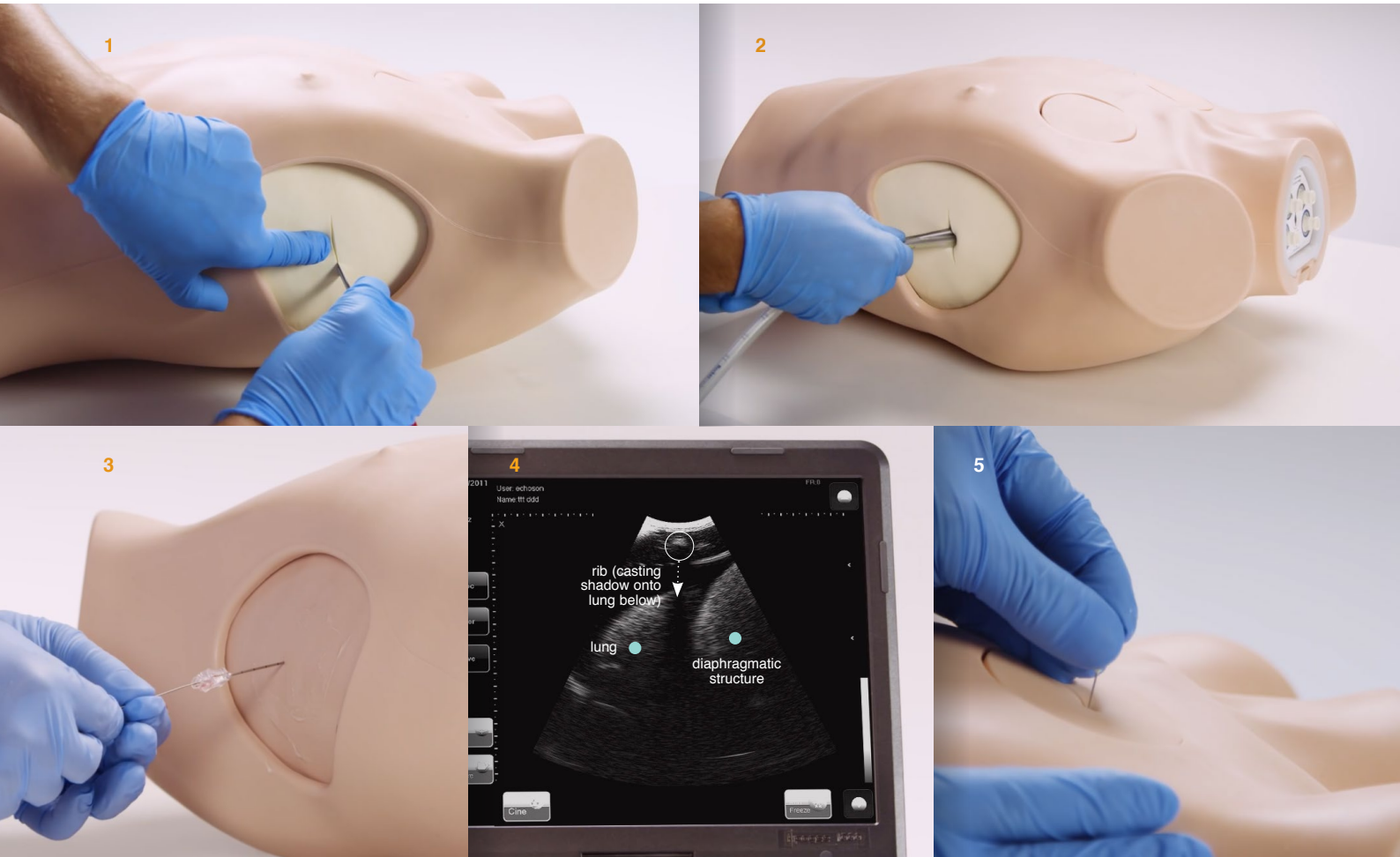
- Suitable for supine, sitting or leaning forwards positions
- Works with thoracic seals when using the standard pad
- Affordable replaceable pads

### SAFETY

- Latex free

## SKILLS GAINED

- Needle decompression of a tension pneumothorax (at both the 2nd and 5th intercostal space)
- Ultrasound-guided chest drain insertion (Seldinger-type), including insertion of needle under direct vision, and ultrasonic recognition of chest structures
- Open, or cut-down chest drain insertion: recognition of correct position, surgical incision, blunt dissection through chest wall, perforation of pleura, and finger sweep
- Suture of tube to chest wall
- Management of pleural effusion

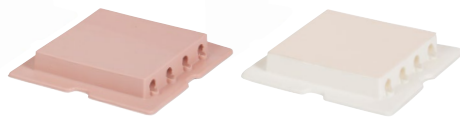


## CURRICULUM REFERENCES

### PARAMEDICS AUSTRALASIA: PARAMEDICINE ROLES: PARAMEDIC:

*Emergency management of the unconscious patient, cardiac arrest, asthma, anaphylaxis, burns, narcotic overdose, chest pain, acute cardiogenic pulmonary oedema (ACPO), hypoglycaemia, pain control (using narcotics), seizures, traumatic brain injury, spinal injury, abnormalities of ventilation, neurovascular incidents & hypovolaemia.*

# PAD FEATURE COMPARISON



	Advanced	Standard
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- Ultrasoundable
- Use with liquids
- Effusion
- Haemothorax simulation
- Pleural layer
- Blunt dissection
- Seldinger technique
- Can be sutured
- Needle insertion
- Guidewire insertion
- Dilator insertion
- Drain tube insertion
- Use with adhesive dressings
- Shows respiratory swing
- Latex free

✓	✗
✓	✗
✓	✗
✓	✗
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✓	✗
✓	✓



- **60231** Needle Decompression Pads (x2)
- **60232** Advanced Chest Drain Pads (x2)
- **60234** Standard Chest Drain Pads (x2)
- **60240** Chest Drain Ribs (x12)
- **60235** Chest Drain Rib Frame (Left)

- **60237** Chest Drain Rib Frame (Right)
- **60238** Chest Drain Lung
- **60239** Chest Drain Diaphragm
- Torso
- Carry case

## NEW UPGRADE KITS

Can be added to Chest Drain models purchased before 2018.  
Allows needle decompression with Advanced Pads at the 5th intercostal space.

CHEST  
DRAIN  
UPGRADE  
KIT

**60243**



CHEST  
DRAIN  
UPGRADE  
KIT WITH  
TWO  
ADVANCED  
PADS

**60244**



*For demonstration or to order*

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AUS V.3 DEC 2017