



Chest Drain & Needle Decompression Trainer

Description

This brand new Limbs & Things simulator has been designed to meet the specific requirements of healthcare professionals training in surgical or guidewire assisted thoracostomy, and thoracentesis. This product, complete with interchangeable modules, allows for a variety of chest drain insertion techniques to be performed including ultrasound-guided techniques.

Skills

- Needle decompression of tension pneumothorax
- 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

FEATURES :

- Representation of adult male thorax with arms raised
- Suitable for supine, sitting, or leaning forwards positions
- Bony and soft tissue landmarks: manubriosternal joint, clavicles, ribs, pectoralis major and latissimus dorsi
- Bilateral chest drain and needle decompression pads
- Internal ultrasound anatomy: diaphragmatic structures and collapsed lung
- Can give the impression of breathing under ultrasound when using the Advanced Pad
- Works with thoracic seals when using the Standard Pad
- Reservoirs can be filled with fluid or mock blood to represent pleural effusion
- Affordable replaceable pads:



Advanced Chest Drain Pads

- Ultrasoundable
- For use with liquids – e.g. effusion, or haemothorax
- Needle, guide-wire, dilator, and drain-tube can all be realistically inserted
- Guidewire insertions will self-seal allowing multiple uses
- For open/surgical techniques where effusion or haemothorax are required
- Open/surgical incisions will not self-seal
- Can be sutured
- Pleural layer, providing realistic give, or “pop”, on puncture with forceps or finger
- Improved respiratory swing
- Recommend usage of 12 FG catheter
- Cannot be used with adhesive dressings

Standard Chest Drain Pads

- For open/surgical techniques
- Can also be used for guide wire techniques where no fluid is required
- Not ultrasoundable
- Not suitable for use with liquids
- Tough skin for incision and suturing
- Foam chest wall for blunt dissection
- Pleural layer, providing realistic give

Needle Decompression Pads

- Needle insertion produces realistic “hiss” of air escape, or bubbles if saline-filled syringe is used
- Pad life prolonged by use of thinner gauge needles eg 21g

Package Contents :

- 1 Needle Decompression Pads (Pair) Part No: 60231
- 1 Advanced Chest Drain Pads (Pack of 2) Part No: 60232
- 1 Standard Chest Drain Pads (Pack of 2) Part No: 60234
- 1 Chest Drain Ribs (Pack of 12) Part No: 60240
- 1 Torso
- 1 Carry case

