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Paracentesis Trainer, Light

Item No.	ALT60100
Weight	
Make:	Adam, Rouilly Limited, UK

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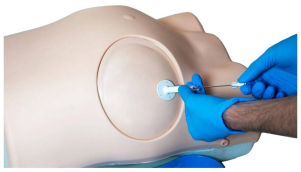
SKU:

Categories: Ultrasound



Product Description

The Limbs and Things Paracentesis Trainer offers dual functionality for diagnostic and therapeutic procedures. Palpation or ultrasound guided techniques can be used in the lower abdominal quadrants for the insertion of the needle and catheter while avoiding the liver, spleen and bowel.

Skills

- Familiarity with the abdominal region and underlying anatomy
- Palpation of anatomical landmarks
- Identification of abdominal organs under ultrasound, including floating bowel sign
- Identification of ascites.
- Insertion of needle or catheter insertion into the peritoneal cavity to obtain ascitic fluid for diagnostic or therapeutic purposes
- Palpation guided needle insertion
- Ultrasound guided needle insertion
- Professional to Patient communication when used with a standardized patient
- Torso featuring bony landmarks (pubis symphysis, iliac crest) and umbilicus
- Internal anatomy includes:
    - Liver
    - Bowel
    - Spleen
    - Floating Bowel

Features

- Offers dual functionality of palpation guided and ultrasound guided techniques for diagnostic or therapeutic procedures
- Echogenic organs allow for visualisation of the internal anatomy before carrying out ultrasound guided paracentesis procedures
- Paracentesis simulator is compatible with all ultrasound machines
- Large capacity water chambers for drainage practice
- Cost effective consumable pads
- Realistic tissue and needle response
- Paracentesis Pads are self-sealing and can withstand multiple needle insertions and rocket catheter insertions
- Suitable for both palpation and ultrasound guided techniques
- Simulated Patient: this product can be used with a simulated patient
- Effective simulation training is essential, as paracentesis is a common procedure that’s practiced across a wide range of disciplines around the world
- Echolucent pads and Echogenic organs inside the trainer give trainees the opportunity to become familiar with the internal anatomy under ultrasound, and recognizing how to safely insert a needle of catheter into the peritoneal cavity.

Includes

- ALT60103 Paracentesis Liver
- ALT60104 Paracentesis Spleen
- ALT60105 Paracentesis Bowel Insert
- ALT60106 Paracentesis Floating Bowel
- ALT60107 Paracentesis Clamping Frame
- ALT60108 Paracentesis Large Volume Refill System
- ALT60101 Paracentesis Skin, Light
- ALT60102 Paracentesis Pads, Light (Pack of 2)
- Paracentesis simulator base unit
- Carry case

Cleaning & Safety

- Drain all water from the trainer (recommended technique is shown in the user guide)
- Clean skin surfaces with a soft damp cloth, warm water and mild detergent to remove ultrasound gel after use
- Allow trainer, tubing and inserts to dry thoroughly before storing
- This product is latex free
- WARNING: When the paracentesis simulator chambers are filled with water, product weight can increase by around 7kg in weight
- Ensure retaining knobs are tightened to avoid leakage
- Do not over pump system, excess pressure may cause leakage
- **Please note**: Paracentesis Pads included in this simulator are subject to a limited warranty of 9 months from invoice date, due to the nature of materials used in the manufacturing process. Remaining parts are subject to the Standard Limbs & Things Warranty

Why Choose the Paracentesis Trainer, Light (ALT60100) for Your Simulation Lab in India?

The Paracentesis Trainer, Light (Item No. ALT60100) by Adam, Rouilly / Limbs & Things, UK is a full-torso abdominal paracentesis training simulator that supports both palpation-guided and ultrasound-guided needle and catheter insertion technique in a single platform — the only modality combination that reflects actual clinical practice, where both approaches are used depending on patient body habitus, operator preference, and institutional protocol. For internal medicine, gastroenterology, hepatology, emergency medicine, and general surgery training programmes, and for clinical skills labs and hospital in-service training in India where paracentesis is a common bedside procedure performed across a broad range of disciplines, this trainer provides a realistic, high-repetition practice environment without patient risk. The simulator is available in a light skin tone.

The torso presents palpable bony landmarks — pubis symphysis, iliac crest, and umbilicus — allowing trainees to practise anatomical landmark identification before needle insertion, as required for palpation-

guided technique. The internal anatomy includes echogenic organ inserts (liver, spleen, bowel, and a floating bowel insert) that are visible under real ultrasound, enabling trainees to identify the safe needle entry zones in the lower abdominal quadrants and to recognise the floating bowel sign — a critical safety step in ultrasound-guided paracentesis. The echolucent paracentesis pads through which the needle and catheter are inserted are self-sealing and withstand multiple insertions before replacement. Large-capacity water chambers provide realistic ascitic fluid drainage for both diagnostic and large-volume therapeutic paracentesis scenarios. The trainer is compatible with all ultrasound machines and is latex-free.

The paracentesis pads (ALT60102) carry a limited warranty of 9 months from invoice date due to the nature of consumable materials; all remaining components are covered by the standard Limbs & Things warranty. Note: when the water chambers are filled, the trainer weight increases by approximately 7 kg — ensure the retaining knobs are tightened before filling and do not over-pressurise the system.

The complete set includes: liver insert (ALT60103), spleen insert (ALT60104), bowel insert (ALT60105), floating bowel insert (ALT60106), clamping frame (ALT60107), large volume refill system (ALT60108), light skin (ALT60101), paracentesis pads light pack of 2 (ALT60102), base unit, and carry case.

Why Buy from SEM Trainers?

SEM Trainers & Systems is an authorized distributor of Adam, Rouilly / Limbs & Things products in India with over 30 years of experience supplying medical simulators to 1,500+ institutions across 28 states. We provide pan-India delivery, on-site installation, faculty orientation, and dedicated after-sales support.

Q: Does this trainer work with our own ultrasound machine? A: Yes. The trainer is compatible with all ultrasound machines — no proprietary hardware or software is required.

Q: Can both palpation-guided and ultrasound-guided techniques be practised? A: Yes. The trainer supports both techniques — trainees can practise landmark identification and blind palpation-guided insertion as well as real-time ultrasound-guided needle and catheter placement.

Q: Are the paracentesis pads reusable? A: Yes. The self-sealing pads withstand multiple needle and catheter insertions. They carry a 9-month limited warranty from invoice date; replacement pads (ALT60102) are available separately.

Q: Is the trainer latex-free? A: Yes. All components are latex-free.

Q: What is the weight of the trainer when filled with water? A: The unfilled unit weight is not listed on the product page — please contact SEM Trainers for the dry weight. When the chambers are filled with water, the total weight increases by approximately 7 kg.

Manufacturer

Limbs & Things