



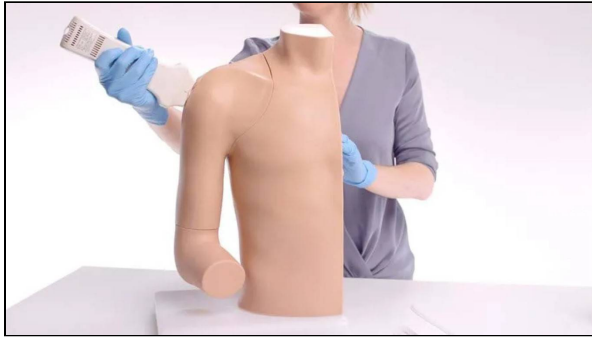
## SEM TRAINERS & SYSTEMS

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## Shoulder Injection Trainer Ultrasound Guided, Light

**Item No.** ALT70202  
**Weight**  
**Make:** Adam, Rouilly Limited, UK

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**SKU:**

**Categories:**Ultrasound



### Product Description

The latest Limbs & Things Ultrasound Guided Shoulder Injection Trainer allows trainees to acquire the key skills of using Ultrasound guidance to locate, inject and aspirate the 4 most commonly treated shoulder sites. The novel echolucent material has properties comparable to human tissue, giving clear visualisation throughout a procedure.

#### Skills

- Practice multiple approaches to specific sites
- Patient positioning and management
- Identification of anatomical landmarks using ultrasound guidance

- Competence using ultrasound technology to perform injections in different planes and approaches
- Viewing or inferring the suprascapular nerve under ultrasound
- Performing ultrasound guided injections
- 4 common injection sites:
  - Acromioclavicular Joint
  - Glenohumeral Joint
  - Biceps Tendon Sheath (which lies in the Bicipital Groove and surrounds the tendon)
  - Subdeltoid Bursa (in the Subacromial Space)

## Features

- This material is a bespoke formulation for Limbs & Things ultrasound trainer ranges
- Thorough testing was performed with popular ultrasound machines (image quality may vary on different ultrasound machines)
- Successful injection can be confirmed by visualising fluid entering the site or by aspirating fluid
- Watertight and durable for repeated use
- Echolucent material enables ultrasound imaging of the underlying landmarks
- Discrete muscle and skin layers for a realistic needle feel
- Echolucent material within the shoulder creates close to life ultrasound imaging
- Volume of fluid in the Subdeltoid/Subacromial Bursa can be adjusted, from no fluid present up to fluid-filled distension to give training at a variety of skill levels
- Nerve block functionality allows trainees to view and inject around the Suprascapular nerve
- Synovial fluid has realistic colouring
- Injections from multiple approaches to allow for different preferences
- Shoulder skins have been vigorously tested for repeated use, ensuring a longer life span for the product
- Torso is compatible with both palpation guided and ultrasound guided Shoulder Injection modules
- Watertight design to ensure extended life of product
- Shoulder trainer can be used with a simulated patient
- Internal anatomy:
  - Rotator cuff muscles (represented in one moulded piece)
  - Biceps sheath
  - Bicipital tendon
  - Deltoid muscle
  - Capsule representing:
    - Coracohumeral ligament
    - Superior glenohumeral ligament
    - Coracoacromial ligament
    - Transverse ligament

## Includes

- ALT70213 Shoulder Module with Ultrasound Capability, Light
- ALT70215 Shoulder Torso, Light
- ALT70108 Needle Set (3 Green, 21 Gauge)
- ALT70022 Synovial Fluid (250 ml)
- Carry Case
- Elbow
- Ultrasound Gel

## Important

- Equipment needed for procedures, not supplied with ultrasound shoulder trainer:
  - Linear Ultrasound Probe
  - Ultrasound Gel

## Cleaning & Safety

- The Synovial Fluid used with this product now contains a new preservative which is approved for use by EU cosmetic regulations which means that it is safe for extended skin contact.
- We still recommend the use of gloves, as the pigments may stain skin and clothes
- Clean product with a damp cloth
- Allow product to dry thoroughly before storing
- This product is latex free
- Package contains needles
- Use the needles provided with the simulator, or near new needles of 21 gauge
- This simulator contains electronics, do not inject shoulder with liquids or use near water
- If storing for long periods of time, remove the batteries from the product
- Model conforms with ISO IEC 17050-1:2010 and FCC/CFR 47: Part 15, Sub Part B

Why Choose the Shoulder Injection Trainer Ultrasound Guided, Light (ALT70202) for Your Simulation Lab in India? The Shoulder Injection Trainer Ultrasound Guided, Light (Item No. ALT70202) by Adam, Rouilly / Limbs & Things, UK is a full-shoulder ultrasound-guided injection and aspiration training platform covering the four most commonly treated shoulder sites in a single, bespoke echolucent anatomical model. For rheumatology, orthopaedics, sports medicine, emergency medicine, physiotherapy, and musculoskeletal ultrasound training programmes, and for clinical skills labs and hospital in-service training in India where ultrasound-guided shoulder procedures are a core competency, this trainer provides the anatomical fidelity, injection confirmation feedback, and skill-level variability required to develop genuine procedural confidence — in a light skin tone variant. The four trainable injection sites are the acromioclavicular joint, the glenohumeral joint, the biceps tendon sheath within the bicipital groove, and the subdeltoid/subacromial bursa. The echolucent material used

throughout the shoulder module is a bespoke Limbs & Things formulation with tissue-comparable acoustic properties, giving clear visualisation of the underlying anatomical landmarks — including rotator cuff muscles, biceps sheath and tendon, deltoid, and the shoulder capsule with its ligamentous structures — on the trainee's own ultrasound machine. Successful injection is confirmed in real time by visualising fluid entering the target site, or by aspirating fluid, replicating the endpoint feedback a clinician receives during actual procedures. Discrete skin and muscle layers produce a realistic needle passage feel throughout. The volume of fluid in the subdeltoid/subacromial bursa is adjustable from empty to fully distended, allowing the instructor to configure easy or more challenging scenarios progressively. The suprascapular nerve can be identified and injected under ultrasound, supporting nerve block training on the same platform. Important: this trainer contains electronics — the shoulder joint must not be injected with liquids other than via its designed fill port, and the trainer must not be used near water. Use only the included 21G needles or near-new 21G needles. Remove batteries before extended storage. A linear ultrasound probe is required but not supplied. The complete set includes: shoulder module with ultrasound capability light (ALT70213), shoulder torso light (ALT70215), needle set 3 x 21G green (ALT70108), synovial fluid 250 ml (ALT70022), carry case, elbow, and ultrasound gel. 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, provided it is a linear ultrasound probe. The echolucent material has been tested with popular ultrasound machines; image quality may vary across different systems. A linear probe is required but not supplied. Q: How many injection sites does the trainer cover? A: Four — the acromioclavicular joint, glenohumeral joint, biceps tendon sheath, and subdeltoid/subacromial bursa. Q: How does the trainee confirm a successful injection? A: By visualising fluid entering the target site under real-time ultrasound, or by aspirating fluid from the site — the same confirmation method used in clinical practice. Q: Can the difficulty level be varied? A: Yes. The fluid volume in the subdeltoid/subacromial bursa can be adjusted from empty to fully distended, allowing the instructor to configure procedures at a range of skill levels. Q: Is suprascapular nerve block training possible on this simulator? A: Yes. The suprascapular nerve can be visualised and injected under ultrasound guidance. Q: Is the trainer latex-free? A: Yes. All components are latex-free.

## **Manufacturer**

Limbs & Things