

Shoulder Injection Trainer - Palpation Guided (without tablet)

Price inquiry: +48 605999769, kontakt@openmedis.pl

Product code: SM03681



The Limbs & Things Palpation Guided Shoulder Injection Trainer range was designed in collaboration with clinicians to provide the highest standard for training. Palpation Guided injections are still widely performed by medical professionals across disciplines. True to life, repeatable training helps develop reliable and accurate practices. The latest shoulder model is made with enhanced materials that have extended the life of the trainer threefold. This increased durability means lower ongoing running costs. Training can be given on the following injection sites on the shoulder:

- Acromioclavicular joint
- Glenohumeral joint
- Bicipital groove
- Subacromial space

SKILLS GAINED

- Practice multiple approaches to specific sites
- Patient positioning and management
- Identification of anatomical landmarks using palpation guidance
- Rotation of the shoulder to locate head of the humerus
- 4 common injection sites:
- Acromioclavicular Joint
- Glenohumeral Joint
- Bicipital Groove
- Subacromial Space

OVERVIEW

- Palpation of shoulder to find the four most common injection points
- Compatible with selected Android devices, check with customer services to find out if this model is compatible with your existing device

REALISM

- Discrete muscle and skin layers for realistic needle feel

VERSATILITY

- Injections from multiple approaches to allow for different preferences
- Shoulder Injection Trainer comes with two shoulder skins (one on the module, one spare), and cost effective replacement skins are available
- 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

CLEANING



- NOTE: Shoulder Trainer contains electronics, do not submerge product in water
- Remove batteries from unit before cleaning
- Clean product with a damp cloth
- Allow product to dry thoroughly before storing

SAFETY

- 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

ANATOMY

Internal anatomy:

- Clavicle
- Acromion
- Coracoid process
- Humerus
- Injection sites on the shoulder:
- Acromioclavicular joint
- Glenohumeral joint
- Bicipital groove
- Subacromial space

CONTAINS

- Shoulder Module - Palpation Guided (Light Skin Tone)
- Shoulder Torso
- Shoulder Skin
- Needle Set (3 Green, 21 Gauge)

WORKS WITH

- Shoulder Skin

Knee Aspiration & Injection Trainer with Ultrasound Capabilities

Price inquiry: +48 605999769, kontakt@openmedis.pl

Product code: SM03680



An anatomically accurate adult knee model for injection and aspiration of synovial fluid from the knee joint, from both the lateral and medial aspects, using palpation or ultrasound guidance. The robust sealed knee includes: knee joint, patella, patellar tendon and the suprapatellar space. Discrete muscle, skin and fat layers, provide realistic tissue and needle response, while key anatomical landmarks are realistic to palpate. This enables trainees to improve their accuracy of injection and aspiration through repeatable practise. Performing knee aspirations and injections are fundamental skills required for Internal Medical Trainees, as well as Rheumatologists, Doctors practising General Medicine and Orthopaedic Surgeons* **SKILLS GAINED**

- Injection into joint cavity
- Aspiration of synovial fluid from both the lateral and medial aspects
- Competence using ultrasound technology to perform
- systematic scanning techniques and examination of the knee joint
- Identification of anatomical landmarks using ultrasound guidance or the palpation method
- Patient positioning and management
- Recognition of joint effusion
- Ballottement

OVERVIEW

- 1,000+ stabs per module with 21 gauge needle
- Precise, palpable anatomy with bony landmarks
- Robust, sealed knee unit that holds all anatomy
- Key internal landmarks visible under ultrasound
- Compatible with all standard ultrasound machines
- Echolucent material allows aspiration and injection under ultrasound guidance or using the palpation method
- Suitable for Undergraduate and Postgraduate medical study
- Knee skin is watertight

REALISM

- Discrete muscle and skin layers provide realistic tissue and needle response
- Anatomically accurate synovial sac and palpable patella
- Realistic color and consistency of synovial fluid

VERSATILITY

- Can be used with leg supports for supine position, or without leg supports for side of bed position
- Caters for ultrasound-guided techniques as well as palpation
- Separate Fluid Bag & Stand ensure the model is easy to use and mobile
- Clear indicator on Fluid Bag to prevent overfilling
- Compatible with the "No-Trace" Marker to allow markup of the knee skin

CLEANING



- Clean off any residual ultrasound gel from the knee injection trainer
- Skin surface should be cleaned with a soft, damp cloth, using warm water and mild detergent
- Empty any remaining fluid from the knee once the procedure is complete
- Allow knee injection model to dry before storing

SAFETY

- This product is latex free
- If the model sustains damage, refer all servicing to qualified servicing personnel
- During practice injections, be sure to remove the needle at the same angle as inserted, removing at an angle can cause the knee skin to split
- We advise that you do not use simulator if the skin of the knee is torn
- Always store/dispose of needles safely in the sharps bin supplied or a suitable alternative
- While the new Synovial Fluid in this product contains a new preservative (approved for use by EU cosmetic regulations) meaning it is safe for extended skin contact, we still recommend the use of gloves while using this product

ANATOMY Key anatomical landmarks are realistic to palpate:

- Skin
- Subcutaneous fat, quadriceps tendon & patellar ligament
- Prefemoral fat pad
- Suprapatellar fat pad
- Hoffa's or Infrapatellar fat pad
- Femur
- Medial & lateral collateral ligament
- Tibia
- Patella
- Joint space & synovial recess
- Meniscus
- Muscle mass of quadriceps

CONTAINS

- Fluid Bag and Stand
- Synovial Fluid (including syringe)
- Needle Set (3 Green, 21 Gauge)
- Ultrasound Knee Module for Aspiration & Injection

WORKS WITH

- Ultrasound Knee Module for Aspiration & Injection
- Synovial Fluid (including syringe)
- Synovial Fluid (250 ml)
- Fluid Bag and Stand
- Needle Set (3 Green, 21 Gauge)

Shoulder for Joint Injection

Price inquiry: +48 605999769, kontakt@openmedis.pl

Product code: SM01519



For practicing soft tissue joint injection used for the treatment of injuries and arthritis.

Developed in collaboration with Dr Trevor Silver, whose book on Joint and Soft Tissue Injection (edition 5) is included.

Skills Gained:

- Patient posture and management
- Palpation techniques
- Injection on 5 specific sites:
 - subacromial space
 - acromioclavicular joint
 - bicipital groove
 - glenoid fossa from the anterior aspect
 - glenoid fossa from the posterior aspect

Product Anatomy:

Represents normal anatomy precisely (both superficially and subdermally) for palpation purposes

You will receive:

- 30094 1 Shoulder Needle Set
- 30020 1 Shoulder Skin
- 30023 1 'No-Trace' marker
- BKS1846195004 1 Joint and Soft Tissue Injection book
- 1 Shoulder base unit
- 1 Feedback console with batteries
- 1 Carry case

Hand and Wrist for Joint Injection

Price inquiry: +48 605999769, kontakt@openmedis.pl

Product code: SM01521



An articulated right hand & wrist used for practicing soft tissue joint injection for the treatment of injuries & arthritis.

Developed in collaboration with Dr Trevor Silver, whose book on Joint and Soft Tissue Injection (5th edition) is included.

Skills Gained:

- Patient posture and management
- Identifying anatomical landmarks
- Relevance of digital movement for presentation of injection sites
- Injection in 4 specific areas:
 - carpal tunnel
 - trigger finger/tendon sheath injection
 - de Quervains sheath
 - first metacarpal joint
- Precise placement of needle to avoid median nerve

Product Anatomy

Simulates normal anatomical reference points for:

- carpal tunnel
- palmaris longus tendon
- distal wrist crease
- tendon to the flexor carpi radialis

You will receive:

- 30023 1 'No-Trace' Marker
- 30092 1 Hand and Wrist Needle Set
- 30040 1 Hand and Wrist Skin
- BKS1846195004 1 Joint and Soft Tissue Injection book
- 1 Hand and wrist base unit
- 1 Feedback console with batteries
- 1 Carry case

Foot and Ankle for Joint Injection

Price inquiry: +48 605999769, kontakt@openmedis.pl

Product code: SM01523



A foot and ankle for practicing soft tissue injection for the treatment of injuries and arthritis.

Skills Gained:

- Patient posture and management
- Palpation techniques
- Identifying anatomical landmarks

Injection sites for:

- metatarsophalangeal (MTP) joint
- Morton's neuroma
- tarsal tunnel
- plantar fascia
- sinus tarsi
- retrocalcaneal bursa
- tibiotalar joint
- subtalar joint

You will receive:

- 30095 1 Foot and Ankle Needle Set
- 30101 1 Foot and Ankle Skin
- 70102 1 Foot and Ankle Musculature BKS1846
- 195004 1 Joint and Soft Tissue Injection book (5th Edition)
- 1 Foot and ankle base unit
- 1 Feedback console with batteries
- 1 Carry case

Elbow for Joint Injection

Price inquiry: +48 605999769, kontakt@openmedis.pl

Product code: SM01520



For practicing soft tissue joint injection used for the treatment of injuries and arthritis.

The arm is presented for the treatment of both Golfer's and Tennis elbow.

Developed in collaboration with Dr Trevor Silver, whose book on Joint and Soft Tissue Injection (5th Edition) is included.

Skills Gained:

- Patient posture and management
- Palpation techniques
- Identifying anatomical landmarks and painful areas
- Injections for:
 - Tennis Elbow (lateral epicondylitis)
 - Golfer's Elbow (medial epicondylitis)
- Training in fan or cone infiltration techniques

You will receive:

- 30023 1 'No-Trace' Marker
- 30081 1 Elbow Skin
- 30093 1 Elbow Needle Set
- BKS184619195004 1 Joint and Soft Tissue Injection book
- 1 Elbow base unit
- 1 Feedback console with batteries
- 1 Carry case