Standard base for the KNT-1B surgical unit of the KNT

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

Product code: SM03868

The STANDARD base is a versatile and more economical choice. Made of acrylic and stainless steel, it is designed to offer easy attachement to the edge of a table or desk, making it easier for training using less space than the anatomic model. This base can be coupled only to the surgical unit KNT-1B (half-thigh, knee and half-leg) which has internal structures such as: cruciate ligaments, patella, bone cartilage and meniscus. It’s indicated for anatomy teaching, while allowing training in triangulation, sutures and correction of pathologies of the meniscus using the arthro-shaver. (Requires liquid irrigation).

SIMULATOR ENDOSCOPY AND ORTHOPEDIC TRAUMA OF THE SHOULDER

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

Product code: SM03872

The Shoulder Trainer features ligaments, bones and tendons positioned anatomically or, optionally, with lesions.

The SHT simulator system, has all the structures and landmarks necessary to allow shoulder endoscopy in two anatomical positions at the surgeon's preference. The joint capsule is present and will be visible with irrigation or insufflation under low pressure. Handling techniques with hooks, probes, sutures, application of anchors, shavings/burring are possible to be taught. Resistance to manipulation will be present and comparable to real tissue. Anatomic identification, triangulation, slap repairs, tenotomy/ raffia, tenodesis, Bankart surgery, rotator cuff, subacromial decompression and stabilization of the clavicular acromion joint are some of the possibilities of this simulator, besides the application of joint prosthesis. The Shoulder Trainer also allows customization for various training needs or demonstration of prosthesis, orthosis, instruments and equipment.

Simulator for Pectus Excavatum Correction (Standard model)

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

Product code: SM03751

The Thor-P simulator was designed by Pro Delphus to practice pectus excavatum correction techniques, such as: dissection of the entrance and exit of the metal bar into and out of the pleural space, VATS to identify and control the procedure by the technique of NUSS with all structures of the intrathoracic mediastinum, different ways of applying the sternum lift technique and much more, with realism and safety.

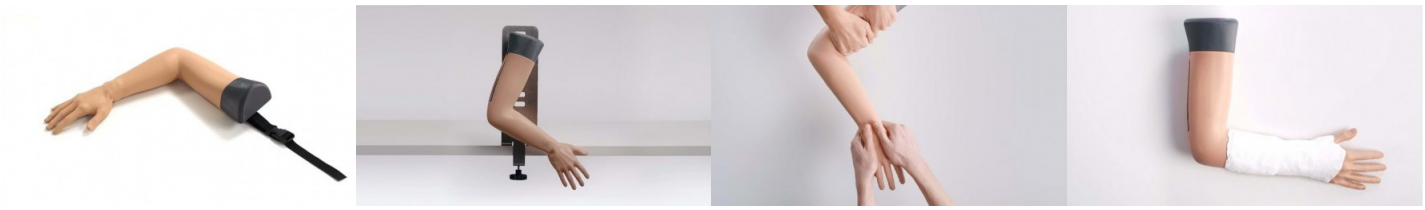
In addition, different practices can also be offered on the same model without the deformity of the pectus excavatum on the anterior part of the wall: a) Thoracic incisions: anterior and lateral thoracotomy; sternotomy, all types of incisions for accessing portals for VATS and ROBOTIC procedures b) Special incisions such as Chamberlein, Clamshell and subxiphoid access c) Thoracic trauma, fixation of the ribs with plates, anterior, lateral, posterior d) Thoracic trauma, rib fixation with VATS, internal systems and / or removal of intrapleural fluid (prior preparation).
Components / spare parts:

- Acrylic support
- External pectus surgical unit, without pathology
- External pectus surgical unit, with pathology

Colles' Fracture Reduction Trainer

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

Product code: SM03679



The Colles’ Fracture Reduction Trainer is an ideal training tool for learners looking to gain confidence in the reduction of Colles’ fractures occurring at the distal end of the radius. The portrayal of a fractured distal fragment of the radius provides trainees with a platform for repeatable and consistent practice of manual Colles’ reduction (closed) and plastering techniques. As is typical in a real-life emergency setting, the model allows trainees to perform visual inspections and identification before facilitating a team focused Colles’ fracture reduction. An adjustable tension mechanism allows trainers to alter the difficulty of the procedure for advanced learning. SKILLS GAINED

- Visual inspection & identification
- Reduction of the fracture (closed reduction)
- Plastering techniques
- Adjustable tension allows for different difficulties to be simulated
- Allows for teamwork and communication when reducing the fracture

OVERVIEW

- Adjustable tension allows for progressive levels of difficulty
- Trainees can perform all three stages of reduction: Exaggeration (to disimpact the fracture), Traction and Flexion
- Accommodates a number of plastering techniques, including: back slab, circular cast, sugar-tong splint, and 3-point molds
- Variable height stand allows users to adjust the height of the model for training ease
- Replaceable hand and skin

REALISM

- Realistic representation of a ‘dinner-fork’ deformity
- Lifelike haptic feedback when carrying out the procedure

VERSATILITY

- Trainer can be used in teams, or by individuals using the stand provided
- Adjustable tension makes this trainer a perfect tool for OSCE courses

SAFETY

- This product is latex free
- Talcum powder can be applied to the baby head and episiotomy pad to prevent friction and avoid tearing
- Wear gloves at all times and avoid wearing jewellery, sharp surfaces can cause damage to silicone and foam parts
- Remove the episiotomy pad from the Stand component before packing away so that it isn’t under tension when stored

ANATOMY

- Fractured distal fragment of radius

- Head and body of the ulna

CONTAINS

- Colles' Fracture Arm (With skin included)
- Adjustable Height Stand
- Hex Keys (x2) - Large and Small

SIMULATOR FOR TRAUMATOLOGY AND ORTHOPEDICS OF THE KNEE

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

Product code: SM03867

The Knee Trainer provides an environment similar to a knee surgery, through endoscopic or open view, allowing the use of instruments and surgical training of extreme reality.

Knee Trainer System - KNT was developed for training in knee surgery in two options: arthroscopy and prosthesis. It is possible to diagnose lesions and choose the best manner, managing complications. The surgical unit for arthroscopy allows access through the anatomical portals under low pressure irrigation (by gravity), instrumental triangulation, access to the menisci and its pathologies (suture, partial removal and use of shaver), and transplant surgery of cruciate ligaments with bone fixation. The model can be customized for other conditions such as hard knee, for example. The surgical unit for arthroplasty, has the same external structure of the arthroscopic unit, having as a differential the possibility of application of joint prosthesis. If there is interest only in arthroscopy, triangulation, anatomy demonstration, suture practice and use of the arthro-shaver, the best and most economical option is the use of the KNT-0B and KNT-1B portable models.