

## Intramuscular injection model

**Price inquiry:** +48 605999769, [kontakt@openmedis.pl](mailto:kontakt@openmedis.pl)

Product code: SM01455



A simple to use and economically priced model for intramuscular injection training. Made of lifelike, soft material. It can be punctured repeatedly. Fluid use is not recommended.

## Intramuscular Injection Pad

**Price inquiry:** +48 605999769, [kontakt@openmedis.pl](mailto:kontakt@openmedis.pl)

Product code: SM04023



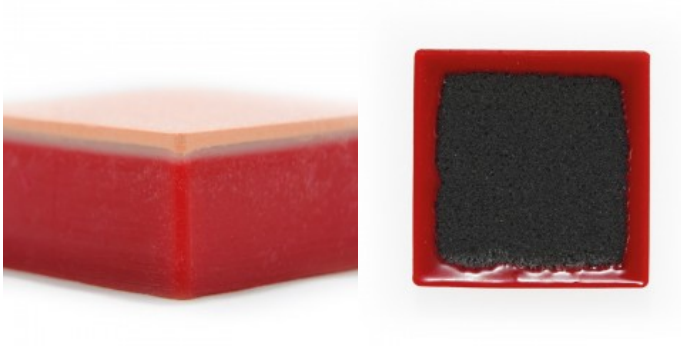
This injection pad can be used both as a table model and for strapping to the arm, leg or other parts of the body. It makes it possible to learn and train intramuscular and subcutaneous injections. The pad has 3 skin layers, epidermis, fat layer and muscle layer. It is possible to inject fluid, which can simply be squeezed out after the exercise. The pad can be easily strapped on and taken off again using the Velcro strap. Size 12x12x8cm, weight 0.4kg



## Three Injection Depth Simulated Tissue

**Price inquiry:** +48 605999769, [kontakt@openmedis.pl](mailto:kontakt@openmedis.pl)

Product code: SM02955



This pad is built using our RealLayer Technology to simulate proper body wall feel as well as a foam core to allow for your injected fluids to easily squeeze out. **The Three Injection Depth Pad is designed to take you right into the muscle to practice the Intramuscular injection.**

## Intramuscular Injection Simulator

**Price inquiry:** +48 605999769, [kontakt@openmedis.pl](mailto:kontakt@openmedis.pl)

Product code: SM01629



This highly realistic model consists of a special plastic that gives the user the feeling of working on an actual human patient. All anatomical structures are present and palpable. The injection sites are constructed in multiple layers, corresponding to the human anatomy, in order to convey a natural feeling during needle insertion. Sensors, located away from the correct injection sites, sound an acoustic alarm if needles are placed incorrectly. The injection can be administered realistically with fluid, since the model has a drainage system. The injection sites must be localized using the Hochstetter method. The skin and the injection fields are separately available and replaceable. The simulator can be operated on battery power. Comes complete with transport case.

## Intramuscular Injection Simulator

**Price inquiry:** +48 605999769, [kontakt@openmedis.pl](mailto:kontakt@openmedis.pl)

Product code: SM01314



Here is the perfect volunteer for training your beginning health care students to administer intramuscular injections. Always available for class demonstrations or practice by groups of 1 to 30, this intramuscular injection Simulator offers both visual and tactile learning. A simulated bony structure is embedded in the torso and represents the superior end of the femur, or greater trochanter, the posterior superior and anterior superior iliac spines, and the sacrum. The bony structure provides palpable anatomical landmarks so students can identify proper injection sites. A section of the upper, outer quadrant of the left gluteal area is cut away to allow students to visualize the underlying structures. The gluteus medius and gluteus maximus muscles, sciatic nerve, and vascular structures are clearly shown. Three types of intramuscular injections can be taught and practiced on this simulator: dorsogluteal, ventrogluteal, and vastus lateralis injections. Skin and muscle textures, as well as bone shape and position, closely resemble a live patient. As a result, perforation of the tissue with a needle duplicates the sensation of administering an actual injection. Comes with supply of syringes, and hard carrying case.

## I.m. Injection Trainer upper arm, fit-on type

**Price inquiry:** +48 605999769, [kontakt@openmedis.pl](mailto:kontakt@openmedis.pl)

Product code: SM02969



With this model you practice directly at the patient. It can be attached to a simulated patient or a nursing doll. With excellent haptics it is the ideal tool for teaching the i.m. injection technique at the upper arm. The built-in sensors recognize the correct puncture site as well as the correct depth of injection. If the position is correct, a green light indicates this. In case of wrong puncture a red light will be switched on. In case of correct puncture site but wrong depth both lamps will light at the same time. Fluid can be injected into the model.

Size: 32 x 12 x 11 cm, Weight: appr. 0.5 kg

## **Simulator for i.m. injection and punch biopsy of the iliac crest**

**Price inquiry:** +48 605999769, [kontakt@openmedis.pl](mailto:kontakt@openmedis.pl)

Product code: SM01626



Training model for training of the i.m. puncture procedure as well as for the procedure of iliac crest puncture. The model includes an artificial pelvis made of material similar to human bone which can be punctured repeatedly. Fluid aspiration is not possible. Used as i.m. model, the pelvis can be palpated to identify the correct injection position. The model is designed to be an economic disposable training aid and need to be replaced after intensive use. Life size.

## Buttocks Ventrogluteal Intramuscular Injection Simulator with feedback

**Price inquiry:** +48 605999769, [kontakt@openmedis.pl](mailto:kontakt@openmedis.pl)

Product code: SM2485



This realistic Buttocks Ventrogluteal Intramuscular Injection Simulator features life-like skin to teach accuracy of ventrogluteal intramuscular injections. The simulator gives instant feedback to indicate whether the needle position is correct or incorrect. Additionally, incorporate the included curriculum for a complete experience.

### Features

Users palpate the simulator to locate the injection site. During the injection procedure, the simulator gives instant feedback:

- Green light: Injection position is correct
- Red light and alarm: Injection position is incorrect
- Red light, green light and alarm: Injection is too deep  
Note: Alarm consists of a buzzer; alarm can sound if needle is in the green or red zones
- No lights:
  - Needle is outside of injection site
  - Needle is inserted at incorrect angle
  - Simulator is not turned on





## Buttocks Dorsogluteal Intramuscular Injection Simulator with Feedback

**Price inquiry:** +48 605999769, [kontakt@openmedis.pl](mailto:kontakt@openmedis.pl)

Product code: SM2486



Use this Buttocks Dorsogluteal Intramuscular Injection Simulator to teach students to administer proper dorsogluteal injections. With the lights on this interactive trainer, users receive immediate feedback on location as well as technique. Incorporate the included curriculum for a complete experience.

## Model of hip anatomy / i.m. injection technique

**Price inquiry:** +48 605999769, [kontakt@openmedis.pl](mailto:kontakt@openmedis.pl)

Product code: SM01312



This model offers two functions in one model: on the right side it shows the anatomy of the pelvis including the bones and the muscles and nerves which are of importance for the injection. The student can transfer the anatomy visible on the right side to the left side and can then practice the technique of intramuscular injection there. The most important anatomical landmarks can be felt on the left side. The injection can be carried out with liquid. A green lamp lights up to confirm that the injection has been placed at the correct location. If it is placed at any other location, this is indicated by a red lamp and a buzzer sound.

Size: 38 x 35 x 22 cm, Weight: 5 kg

## Trainer for intramuscular injections with feedback

**Price inquiry:** +48 605999769, [kontakt@openmedis.pl](mailto:kontakt@openmedis.pl)

Product code: SM02490



A trainer in the form of buttocks for learning and training intramuscular injections. It allows you to acquire practical skills in the field of intramuscular injections before starting work with a real patient.

### Features:

- Three-layer model (skin, muscle and bone tissue)
- 1: 1 scale
- Leather made of realistic materials imitating human tissue
- Ventral and dorsal injections possible.
- Palpable anatomical landmarks
- Possibility of using fluids during the procedure
- Sound feedback - information about the correct or incorrect injection - if the student places the needle in the wrong place, then a sound signal is triggered
- Visual feedback - if the student has correctly performed the injection, the LED lights up green and red when the procedure is performed incorrectly
- The Possibility to arrange the trainer in various positions
- Battery or mains powered
- Dimensions: 33 x 26 x 38 cm,
- weight of the set about 8 kg.



## Intramuscular injection trainer with software

**Price inquiry:** +48 605999769, [kontakt@openmedis.pl](mailto:kontakt@openmedis.pl)

Product code: SM02491



A trainer in the form of buttocks for learning and training intramuscular injections. It allows you to acquire practical skills in the field of intramuscular injections before starting work with a real patient. The injections can be performed on the ventral and dorsal area. The ability to monitor the correctness of the procedure performance thanks to the included software with the evaluation function. Three-layer model (skin, muscle and bone tissue). The Possibility of using fluids during the procedure . Dimensions: 33x26x38cm, weight aprox. 10kg.

The evaluation software displays information about the injection site and depth, and allows you to mark pre- and post-injection activities in the checklist for later evaluation. Thanks to the training and evaluation modes, the trainer can be used both during self-training and an exam.

### Set contains:

- a trainer in the form of buttocks
- Power Supply
- fluid container
- battery compartment
- protective case
- user manual tripod

IMPORTANT: THE TABLET ON WHICH THE SOFTWARE SHOULD BE INSTALLED, IS NOT INCLUDED IN THE KIT.

## Vaccine IM Injection Trainer (Pack of 10)

**Price inquiry:** +48 605999769, [kontakt@openmedis.pl](mailto:kontakt@openmedis.pl)

Product code: SM03677



Allowing for quick and effective training, the Vaccine IM Injection Trainer facilitates the administration of vaccines via the intramuscular route. Provided as a pack of 10, this product enables mass tabletop learning in all training environments. The trainer features realistic and easily identifiable tissue layers that represent the dermis, fat, and muscle layers. The receptive anatomical layers make this an ideal tool for teaching correct needle positioning to beginners and to those with more clinical experience. The fluid absorbent pad allows learners to experience repeatable and realistic training. **SKILLS GAINED**

- Intramuscular injection and vaccination technique
- Management of tissue
- Allows for the discussion of needle size and angle of injection

### OVERVIEW

- Facilitates intramuscular injection
- Withstands liquid injection
- Realistic anatomical layers are easily identifiable
- Durable material is longlasting

### VERSATILITY

- Skin is soft and warm to the touch
- Realistic tissue layers facilitate true to life needle resistance
- Receptive muscle layer allows trainees to identify if the needle has travelled too far

### CLEANING

- Can be cleaned with all standard clinically used training products
- We recommend the use of a small amount of Milton disinfecting fluid when cleaning

### SAFETY

- When practicing injection, only use water
- Ensure the product is dried after use and before storage
- Latex free

### ANATOMY

- Dermis, fat and muscle layers
- Realistic elasticity of skin

## Strap-on vaccination trainer for IM and subcutaneous injection

**Price inquiry:** +48 605999769, [kontakt@openmedis.pl](mailto:kontakt@openmedis.pl)

Product code: SM02417



This trainer enables intramuscular injection to be practiced, as is typically done when vaccinating. The model can be used as a vaccination trainer, but also as a normal IM injection trainer and as a subcutaneous injection trainer.

The trainer can be buckled and then simulates a human upper arm. A simulated and easily palpable shoulder anatomy serves as a landmark for the puncture. The back of the trainer is puncture-proof so that there is no danger to the "patient".

The injection can be done with normal needles and syringes, the injection of liquid is possible. The model can be dismantled so that the liquid can easily be removed after the exercise.

Thanks to the new material, the arm feels lifelike and the puncture points are not visible, so that many hundreds of punctures are possible before the vaccination trainer has to be replaced.

Product features:

- Intramuscular injection
- Subcutaneous injection
- Injecting liquid
- Anatomical landmarks
- High quality material

**Dimensions:** 17.5 x 8.5 x 5.0 cm

**Weight:** 300g