High-fidelity arthroscopic simulator, Artros™

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

Product code: SM02505






Ergonomic platform for advanced training of diagnostic and therapeutic skills in the field of arthroscopy. Designed to accelerate the education process and prepare future patients for treatments on real patients. Provides the most realistic training environment with photorealistic graphics and natural tactile feedback.

The kit consists High-end PC with adjustable 27” multi touch screen and Movable and height adjustable VirtaMed simulation caddy

Includes original tools adapted for simulation:

- 1 Arthroscope
- 1 Probe / hook
- 1 Grasper / punch
- 1 Arthroscopic shaver

Features:

- High-fidelity simulation
- Tactile sensation
- Free choice of portals
- Ambidextrous training
- SimProctor best practice training
- Objective feedback
- Customizable proficiency courses
- Multi-lingual support
- Rapid switch between modules

ArthroS™ - FAST module - Fundamentals of Arthroscopy Surgery

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

Product code: SM02526





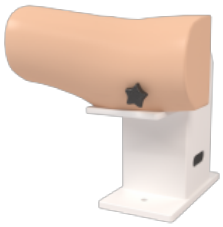
Ergonomic orthopedic platform with FAST module (Fundamentals of Arthroscopy Surgery). FAST accelerates learning by providing competency-based, two-handed training in arthroscopic skills such as image centering, horizon control, telescope, triangulation, and the use of a variety of optics and other surgical tools for arthroscopy.

<

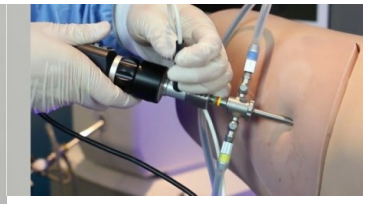
ArthroS™ - High fidelity simulator for learning hip arthroscopy

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

Product code: SM02523







Ergonomic orthopedic platform with hip joint module, which is entirely a high-fidelity simulator for learning and training diagnostic and therapeutic skills in the field of hip arthroscopy. Designed and manufactured to accelerate the education process and prepare future doctors for treatments on real patients. Provides the most realistic training environment with photorealistic graphics and natural tactile feedback.

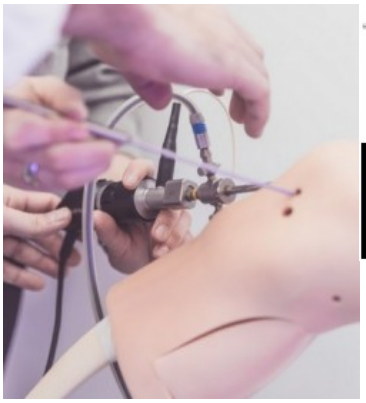
ArthroS™ - High fidelity simulator for learning knee arthroscopy

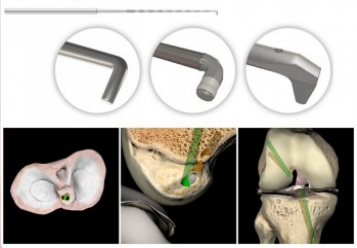
Price inquiry: +48 605999769, kontakt@openmedis.pl

Product code: SM2521









Ergonomic orthopedic platform with a knee joint module, which is entirely a high-fidelity simulator for learning and training diagnostic and therapeutic skills in the field of knee arthroscopy. Designed and manufactured to accelerate the education process and prepare future chirugs for treatments on real patients, it provides the most realistic training environment with photorealistic graphics and natural tactile feedback.

ArthroS™ - High fidelity simulator for learning shoulder arthroscopy

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

Product code: SM02522

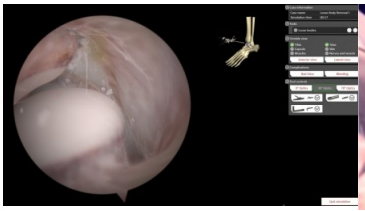


Ergonomic orthopedic platform with a shoulder module, which is entirely a high-fidelity simulator for learning and training diagnostic and therapeutic skills in the field of arthroscopy of the shoulder. Designed and manufactured to accelerate the education process and prepare future chirugs for treatments on real patients, it provides the most realistic training environment with photorealistic graphics and natural tactile feedback.

ArthroS™ - High fidelity simulator for learning ankle joint arthroscopy

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

Product code: SM02525



Ergonomic orthopedic platform with foot module, which is entirely a high-fidelity simulator for learning and training diagnostic and therapeutic skills in the field of ankle arthroscopy. Designed and manufactured to accelerate the education process and prepare future surgeons for treatments on real patients. Provides the most realistic training environment with photorealistic graphics and natural tactile feedback.

Main features:

- Reduces training time and costs
- The simulator can be expanded with additional modules such as FAST, hip, knee, shoulder, knee - ACL reconstruction.
- Top quality software, computer with multifunctional 27 "touch screen
- Ergonomic stroller with wheel system and electric height adjustment
- The platform enables training with the use of real arthroscopic tools adapted to the simulation and software
- High-fidelity simulation
- Realistic tactile and visual experience
- Free choice of portals
- Two-handed training possible
- SimProctor Best Practice Training

Objective feedback Foot module:

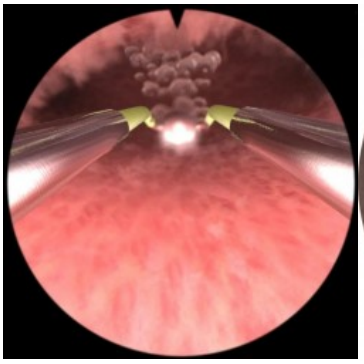
- Basic skills, diagnostic and therapeutic cases of ankle arthroscopy.
- The module contains six basic guided skills training cases fully integrated with realistic simulation.
- By mastering these tasks, trainees are better prepared to perform a full ankle arthroscopy.
- Different patient scenarios with varying degrees of difficulty, giving the trainee the opportunity to perform a complete diagnostic arthroscopic intervention.

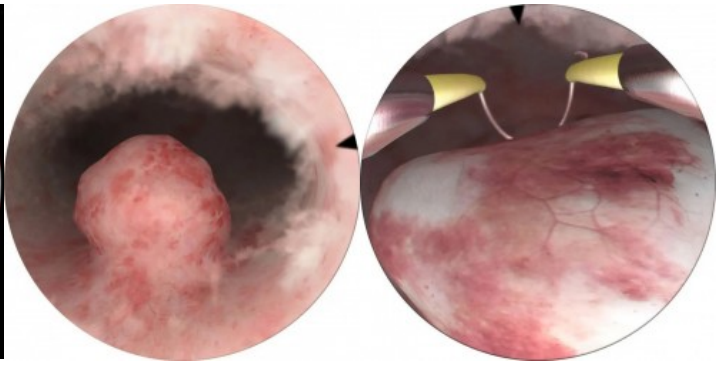
High fidelity gynecology simulator / Gynecology Platform, Gynos™

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

Product code: SM02530







Ergonomic physician educational platform for advanced simulation of gynecological procedures in high fidelity conditions. It enables the acquisition of diagnostic and therapeutic skills. Designed to accelerate the learning process and prepare future doctors for treatments on real patients.

Main features:

- The presented high-fidelity gynecology simulator provides the most realistic, innovative training environment with photorealistic graphics and natural tactile feedback.
- Individual educational scenarios derived from concepts approved by world experts
- Covers the entire spectrum of obstetric and gynecological training: from obstetric ultrasound to hysteroscopy, embryo transfer and IUD insertion
- Validated to accelerate the learning process and improve student performance
- Cuts training time and costs with a variety of scenarios and proficiency-based assessment It provides a structured approach to training based on increasingly complex cases.
- Interns learn to recognize pathologies and deal with complications while also having time to ask questions during procedures and reflect on the results.
- The ergonomic platform is compatible with all obstetrics / gynecology training modules as well as other modules from other fields of medicine such as orthopedics and urology, making it a universal training tool.
- Anatomically correct pelvic model for a realistic tactile experience
- Sub-millimeter tracking of medical instruments
- Interchangeable modules for comprehensive obstetrics / gynecology training: transvaginal and abdominal ultrasound, hysteroscopy, embryo transfer and IUD insertion
- High-fidelity images containing anatomical structures, pathologies and complications

Gynecological Simulator - GynoS - modules:

- 1st trimester obstetric transvaginal ultrasound
- Transabdominal ultrasound in the second trimes
- Embryo transfer
- Placement of the IUD (IUD)

- Hysteroscopy module
- Gynecological Laparoscopy Module

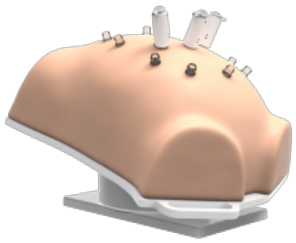
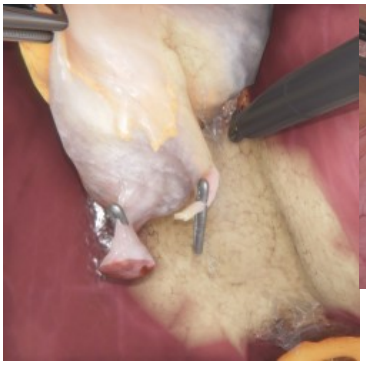
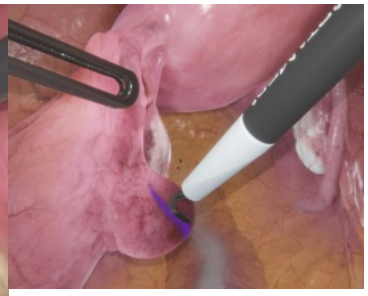
Additional information:

- Technical Support and Service Package: Several different service levels and support packages tailored specifically to the needs of hospitals and training centers. They provide full assistance as well as investment protection and maximum use of the simulator
- Also available portable platform: The portable platform is the lighter and more compact version of the full GynoS ™ platform. As it can be easily transported in two luggage-sized boxes, the portable platform is the perfect solution for teaching in multiple locations. Contains an anatomically correct pelvic model and simulated instruments according to the modular platform
- Training and education in the field of service A team of Pomeranian specialists take full advantage of the simulator's capabilities. In addition to the introductory sessions, the training team will provide detailed training in various areas and in multiple languages ??(English, German, French, Italian and Chinese).

High-fidelity Laparoscopic Simulator / Laparoscopic Platform, LaparoS™

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

Product code: SM02529

The rrgonomic educational platform for doctors for advanced training. It is entirely a high-fidelity laparoscopic simulator for learning and training diagnostic and therapeutic skills. Designed and manufactured by the Swiss company VirtaMed, a leader of this type of solutions on the global market, to accelerate the learning process and prepare future doctors for treatments on real patients.

Main features:

- The presented laparoscopic simulator provides the most realistic, innovative training environment with photorealistic graphics and natural tactile feedback.
- Individual educational scenarios derived from concepts approved by world experts Emphasis on patient safety - abdominal positioning function and trocar placement.
- The organs move individually and in real time.
- Motivational process of education with the analysis of progression based on proficiency
- Advanced tissue feedback gives you the feeling of touching, lifting and applying simulated organs and tissues.
- Future surgeons can learn to master laparoscopic tools with an assistant with a camera, optimally preparing for work in the operating room
- The laparoscopic platororma contains an anatomically correct abdominal model that can be positioned according to the training case.
- The free choice of portals allows participants to learn how to use the instruments with different arrangements of the trocars.
- The realistic laparoscopic instruments have been adapted for simulation and combine complete freedom of movement with authentic tactile interactions.
- The laparoscopic simulator is optimized for ergonomic training with an adjustable operating height and a movable multi-touch screen.
- The platform is multidisciplinary. This means that it can be expanded with new modules from other medical fields - gynecology, urology or arthroscopy. The mentioned modules can be easily and quickly switched in the platform.

Laparoscopic simulator - LaparoS - modules:
Basic Skills Module (LaparoS ™ Essential Skils)

- The perfect kit to practice basic laparoscopic skills while enjoying mixed reality training.
- Realistic proficiency-based feedback to help learners accelerate their learning process.

- Using simulated 0 ° and 30 ° optics, prospective surgeons can become proficient in camera navigation, hand-eye coordination, and the development of ambidextrous psychomotor skills.
- All instruments have authentic ring grips and virtual tips such as clamp applicators, scissors and grappers.

2. General surgery module (LaparoS ™ General Surgery):

- Patient positioning (inverted Trendelenburg position or supine) and placement of tracars for your endoscope and other instruments.
- Possibility of team training with a partner or in independent mode.
- The introduction of the laparoscope allows the entire peritoneal cavity filled with air to be examined as more trocars and instruments are inserted.
- A combination of blunt dissection and electrosurgical instruments can be used Individual, realistic tissue feedback for each organ.
- Condensed training cases focus on specific skills and adverse events, allowing learners to focus on repeating and mastering each skill individually.
- Improve the skill of two-handed and non-dominant hand using rare cases of

3. Gynecological Laparoscopy Module / Gynecological Laparoscopy Simulator (LaparoS ™ Gynecological Laparoscopy):

- Patient positioning (inverted Trendelenburg position or supine) and placement of tracars for your endoscope and other instruments.
- Possibility of team training with a partner or in independent mode.
- Students go through training cases on diagnostic laparoscopy, anatomy identification, trimming and cutting, and more training cases coming from highly realistic scenarios including hysterectomy, tubal ligation, tubal adhesion, cystectomy, salpingectomy, and ectopic pregnancy management.
- The platform is also compatible with GynoS ™ Hysteroscopy training modules to provide comprehensive training in line with ACGME, ABOG and ACOG guidelines.

Additional information:
Technical Support and Service Package:

- Several different service levels and support packages tailored specifically to the needs of hospitals and training centers.
- They provide full assistance as well as investment protection and maximum use of the simulator

2. Cloud Service (Connect ™):

- access to data from the simulator anywhere and anytime thanks to the Connect application.
- focus on education thanks to remote access to training results and analysis of the progress curve.
- convenient management of courses and programs and motivation of training participants using online leader boards, Connect enables you to track the progress of students and cohorts, helping to easily train students in key areas for improvement, and to record and compare results over time.
- Connect is cloud based - it can help you easily manage multiple simulators or training programs in multiple lo

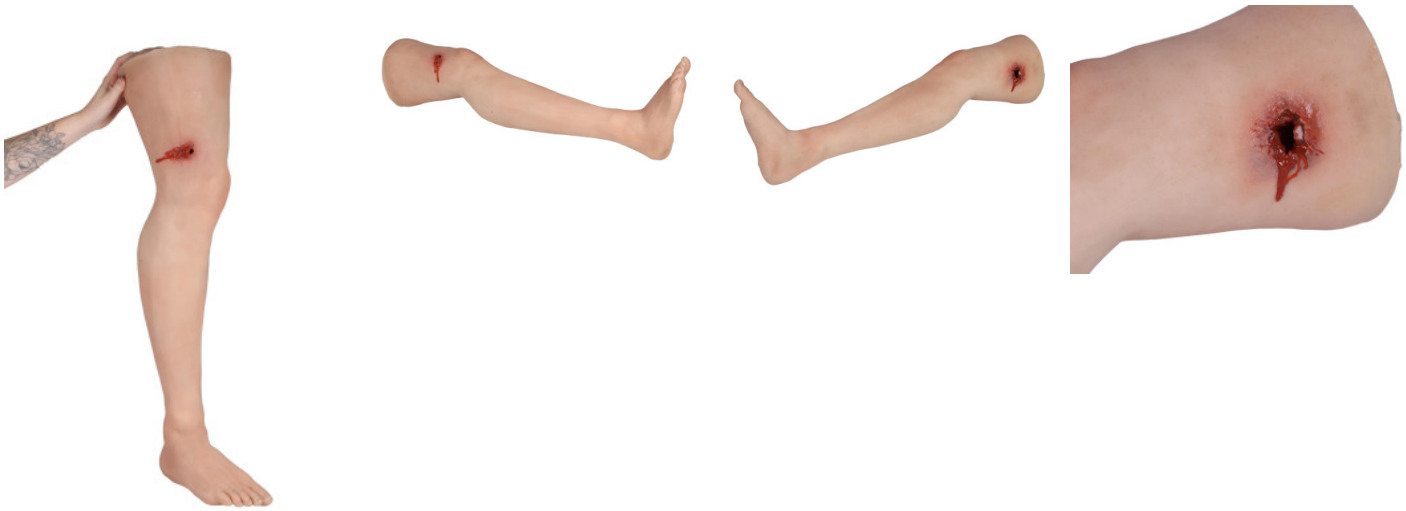
3. Training and education in the field of service

- A team of specialists take full advantage of the simulator's capabilities.In addition to the introductory sessions, the training team will provide detailed training in various areas and in multiple languages ??(English, German, French, Italian and Chinese).

Leg with gunshot wound Task Trainer

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

Product code: SM04033



Leg with gunshot wound.

Life-size mold of a real human leg made of soft material, movable. There is a gunshot wound on the thigh with bullet entry and exit. The wound can bleed realistically via a bleeding system and an optional bleeding device. The bleeding can be stopped by wound packing or by correctly applying a tourniquet.

High Fidelity Urology Simulator / Urology Platform

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

Product code: SM02531






The UroS high fidelity urology simulator is an ergonomic urology platform for advanced training of diagnostic and therapeutic skills in the field of orthopedics. Designed and manufactured to accelerate the education process and prepare future doctors for treatments on real patients. The presented urology simulator provides the most realistic training environment with photorealistic graphics and a natural tactile feedback.

Main features:

- Reduces training time and costs with scenarios and assessments based on proficiency
- Top quality software, computer with multifunctional 27 "touch screen
- Ergonomic stroller with wheel system and electric height adjustment
- Comprehensive education: TURP, TURP, BPH laser Practical urology surgery with very realistic, tactile feedback
- The use of original instruments facilitates "transfer" of acquired skills to the operating room The UroS ™ urology simulator provides simulation training for TURP, TURB and prostate laser enucleation with Thulium (ThuLEP) or Holmium (HoLEP).
- It allows you to master surgical instruments and deal with complications without involving real patients.
- Teaching content and expert videos are examples of best techniques. Individual courses allow for personalized training in urological surgery.