

ETX A2 LAP Simulator for Laparoscopy Surgery

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

Product code: SM03738



Learn dissection and laparoscopic suture in a safe and skill generator ETX environment with the ETX-A2 LAP simulator.

The ETX-A2 LAP laparoscopic simulator provides access to the entire abdomen, which presents itself as in a real laparoscopic surgery. It has a vagino-abdominal interface, allowing the introduction of uterine manipulators. Its surgical units have a distended and semi-rigid abdomen, made of E.V.A. rubber, which allows multiple punctures. Among external and internal organs that can be operated by laparoscopy, there are:

- vagina,
- uterus with adhesions, myoma and two customizable ovarian tumors,
- bladder,
- ureter,
- bowel,
- liver with gallbladder and biliary tract,
- spleen
- pancreas (optional: surgery for pancreatic head tumor and splenectomy),
- stomach and large omentum with adhesions for dissection, cecal appendix and many more.

Components and spare parts:

- Reusable anatomical base made of fiberglass ETX-0
- Stomach ETX-5
- Abdomen. Surgical unit including all organs, complete ETX-6
- Intestinal tract ETX-6B
- Liver with gallbladder and biliary tract
- Abdominal wall made of E.V.A. ETX-10
- Spleen ETX 4
- Cul-de-sac ETX-11
- Vaginal block ETX-14A
- Uterus ETX-14B
- Suture set, basic level ETR-1

Laparoscopic simulator with insufflation pump

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

Product code: SM03739



Practice laparoscopic procedures on the SIML standard simulator, which allows pneumopertoneum by introduction of Veress needles into the umbilicus, surgical punctures in various angles of

access of the pelvis, and practice in suture and endocavitary laparoscopic dissection, similar to the difficulties of a real surgery. It can be customized to offer training of procedures for gynecologists, surgeons, and urologists. A laparoscopic tower and specific instruments are needed for training with the SIML standard simulator. Components and spare parts:

- Insufflation pump with pressure control
- Acrylic base
- Suture set, basic level
- Artificial lower abdomen
- Artificial upper abdomen for puncture



SIMULATOR FOR LAPAROTOMIC AND LAPAROSCOPIC SUTURES

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

Product code: SM03758



Innovative and unique system that provides functional suture training through a new concept of Realistic Modulated Surgical Simulator The NEO-KNOT provides training from a simple suture to the complexity of a laparoscopic suture. Its versatility added to the multiple suture models, allow several options that complete one another:

1. Laparotomic Sutures A multifunctional acrylic velcro-coated stand acts as a base for easy attachment of suture models anywhere on its surface. Suture models offer various types of laparotomic suture through Basic , Advanced, Master and Top Master suture kits. There are also other models such as the Suture Disc, Dissection Disc and the Suture Globe. 2. Laparoscopic Sutures with camera and surgical optics With the use of towers in multifunctional support, Neo-Knot becomes a unique model for laparoscopic suture training. The two grasper towers and the camera tower can be moved in various positions of the support, giving the trainee the possibility of simulating various laparoscopic punctures, similar to an actual abdominal wall (The simulator does not include a needle or camera door). The comfort of the vertical adjustment of the towers, and the rotation of the fixation element of the graspers, offer the similar sensation of being operating in a real abdominal wall, offering angulations and similar movements to the reality. Through the integration of systems of simulators multiply the options of difficulties for those who want training in this type of exercise. 3. Laparoscopic Suture with USB camera The same training described on item 2 can also use the option of a digital camera, with low delay, offering the opportunity to use your own computer or a TV with USB input as a monitor, bringing home the training and the possibility of practicing laparoscopic suture. 4. Stand for tablets and smartphones The adjustable stand attaches to the base allowing a tablet or smartphone of any size to be positioned above the Neo-Knot offering virtual imaging, while the laparoscopic dissection or suture procedure occurs. If you have an Apple TV, you can pair it with an iPad or iPhone, or if it's a SmartTV, an Android smartphone can be mirrored via the application, producing an enlarged image on your television with high definition, and easily and practically creating your training environment.

Components and spare parts:

- Multifunctional base, made of acrylic.
- Complete set for laparoscopy.
- USB camera with stand.
- Upgrade set for laparoscopy.
- Suture set, Basic level. With velcro.
- Suture set, Advanced level. With velcro.
- Suture set, Master level. With velcro.
- Suture set, Top Master level. With velcro.
- Camera tower.
- Grasper towers.
- Stand for tablet/smarthphone.