LAP-X II is the simulator for all minimally invasive disciplines, including but not limited to general surgery, gynecology, urology, gastro-intestinal surgery and pediatric surgery. It offers the user an extensive training curriculum with increasing levels of difficulty, allowing the learner to acquire basic laparoscopic skills to advanced laparoscopic procedure proficiency.

- LAP-X II uses unique haptic feedback technology with wireless extractable lap instruments and a laparoscope, which are interchangeable between the three universal trocars.

- LAP-X II has great flexibility; it offers individual and team training possibilities, as well as customizable training courses.

LAP-X II Expert has a sophisticated and mobile design with a wheel cart and an adjustable display and working height; the perfect solution for training rooms and skills centers.

LAP-X II Smart has a compact portable design which can easily and conveniently be placed on any table for training; the perfect solution e.g. in skills centers, workshops and seminars.

The advanced multidisciplinary laparoscopic trainer
ESSENTIAL SKILLS, SUTURING AND KNOTTING

- Control of camera with different viewing angles (0°, 30°, 45°)
- Instrument coordination in space
- Vessel clipping and capturing
- Endo clip applicator handling
- Electrocoagulation operating skills
- Basic and advanced endoscopic scissor handling
- Moving and capturing of objects in space
- Movement of pins and objects
- Surgical knot tying for left/right hand
- Drill orientation of a needle in the needle holder
- Double knot tying on a thread without a needle

GYNECOLOGY SURGERY

- Total laparoscopic hysterectomy
- Tubal sterilization
- Ectopic pregnancy
- Prophylactic oophorectomy

CHOLECYSTECTOMY

APPENDECTOMY

BOWEL SURGERY

Benefits at a glance:

- Work with a wide virtual range of laparoscopic instruments
- Exercise modules training for basic skills and clinical procedures
- Instrument haptic feedback system
- Easy to transport
- User-friendly touchscreen interface
- Complete solution, ready for placement in the training room
- Adjustable display and working height
- Instrument holder