

LAPSIM[®] GYNECOLOGY

PRODUCT OVERVIEW

SOFTWARE

- In study after study, training on LapSim[®]'s Gynecology Module has been proven to provide significant improvement in trainees' skills before they step foot in an operating room.
- Together with amended tactile feedback and improved feeling of tissue handling the experience is more realistic than before.
- Including cutting edge simulations of four procedures: Tubal occlusion, Salpingectomy, Salpingostomy and Myoma suturing.

KEY TRAINING ELEMENTS

- Performing tubal occlusion by cutting the fallopian tubes.
- Extracting an ectopic pregnancy from a fallopian tube through salpingectomy or salpingostomy.
- Myoma suturing in deformable tissue.

UNIQUE FEATURES

- LapSim[®] is the only VR system with published validation of skill transference to the OR.
- Possibility to configure all exercises to adjust difficulty levels and challenges.
- Performance feedback is available for exercise debriefing and course management: learning curves, errors, suggestions for improvement, and video recording of each session.
- Pass/fail values for each exercise is customizable, and can be imported directly from expert's/instructor's own performance.
- Extended statistics on trainee/group performance is available through admin mode.
- 7 languages available: English, Russian, French, Chinese, Japanese, Portuguese, and Spanish.

OTHER AVAILABLE MODULES FOR LAPSIM[®]

MODULE	INCLUDED EXERCISES
CHOLECYSTECTOMY	<ul style="list-style-type: none"> ▪ Clipping the cystic duct ▪ Dissection of the hepatocystic triangle ▪ Dissection and freeing of gallbladder from the cystic plate ▪ Removing the gall bladder
APPENDECTOMY	<ul style="list-style-type: none"> ▪ Dissect and free the base of the appendix ▪ Divide the appendix transversally at the base ▪ Removal of the appendix. ▪ Retro-Caecal Anatomy Case is also included
VATS LOBECTOMY	<ul style="list-style-type: none"> ▪ Removal of the upper right lung lobe, utilizing a three-port anterior approach ▪ Dissection of the hilum/vessels ▪ Identification of the vessels ▪ Use of the elastic vessel rubber loop, sequential stapling of the veins, arteries, bronchus and fissure, bleeding control and avoid critical structures, ex. the Phrenic nerve
HYSTERECTOMY	<ul style="list-style-type: none"> ▪ Right and left uterine artery dissection ▪ Vaginal cuff opening ▪ Suturing of the cuff after removal of the uterus
SUTURING & ANASTOMOSIS	<ul style="list-style-type: none"> ▪ Needle Passing ▪ Interrupted Stitching ▪ Running Stitching ▪ Square Knot ▪ Surgeon's Knot ▪ Interrupted Suturing ▪ Running Suturing ▪ Side-to-side Anastomosis
BARIATRICS	<ul style="list-style-type: none"> ▪ Lap-band suturing ▪ Jejunal suturing ▪ Inspecting and measurement of the bowel
NEPHRECTOMY	<ul style="list-style-type: none"> ▪ Kidney dissection ▪ Kidney clipping

