surgicalscience

VIRTUAL TRAINING, REAL SKILLS

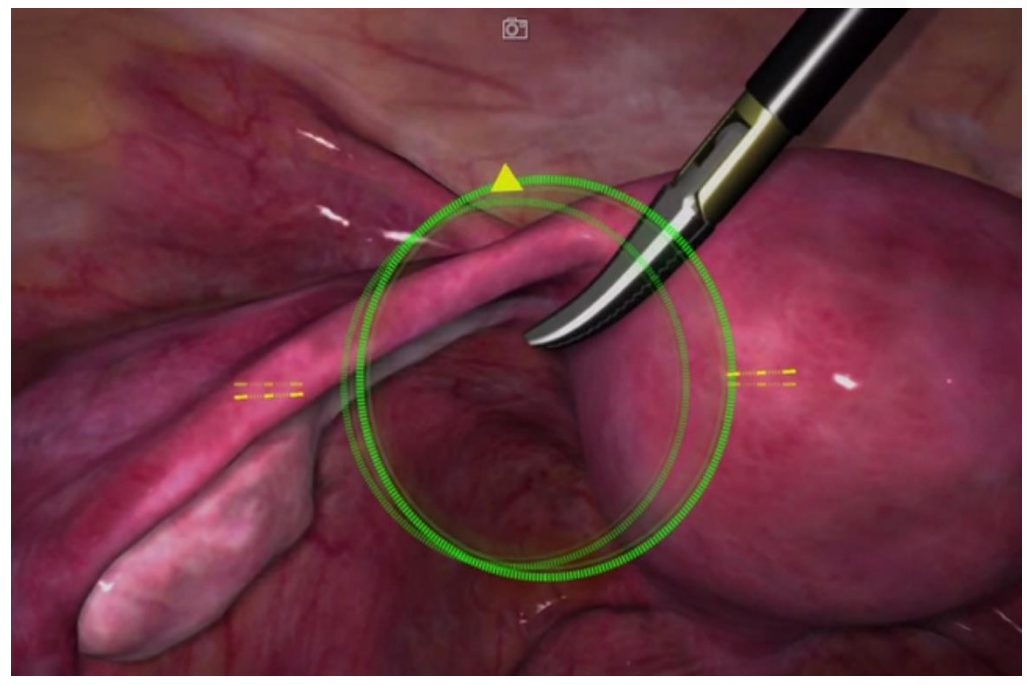
LAPSIM® ST 2020 RELEASE

TAKE YOUR SIMULATION FURTHER

The 2020 version of LapSim ST contains a number of powerful updates for you:

NEW "CAMERA ASSISTANCE" EXERCISE

- New camera exercise included in the LapSim ST Basic Skills software: In a female pelvic environment, follow a moving instrument and keep the camera oriented at all times with a level horizon, when prompted, clean the lens, and return to where you were. Key Learning Skills: Follow a moving target, Spatial Awareness, Female Anatomy
- Developed with kind support from Saint Paul College (MN) and Berkeley College (NJ) Surgical Technology programs.



NEW COURSES

- Camera Navigation exercises are now grouped in 3 levels: Basic / Intermediate / Difficult

HYSTERECTOMY AND GYNECOLOGY MODULES

- An all-new generation of the Hysterectomy module has now replaced the old one. Realism in tissue handling, tissue behavior, and graphics are improved!
- The procedural content has been extended. The first exercise (previously focused on ligation of uterine vessels) now includes ligation of round ligament, development of broad ligament, mobilization of the bladder, as well as safe ligation of uterine vessels. The colpotomy is also updated with a new scene.
- There are now optional port placements (contralateral and ipsilateral setting). Try them in two new Hysterectomy courses in the default library or select while creating your own new exercises!
- It is no longer possible to pass the Salpingostomy exercise by extracting the ectopic pregnancy specimen by cutting away the sack.

THORACIC SURGERY

- LapSim ST VATS Lobectomy has been substantially extended with improved simulation and graphics and five new scenes for each lung lobe.
- The all-new VATS Lobectomy Full Suite Module was developed in collaboration with and validated by Drs. Katrine Jensen, René Horsleben Petersen, and Henrik Jessen Hansen at Department of Cardio-thoracic Surgery, Copenhagen University Hospital, Denmark.

NEW PROCEDURE MODULE AVAILABLE: INGUINAL HERNIA

- LapSim ST Inguinal Hernia you can train on the key steps of the procedure using the Totally Extraperitoneal (TEP) approach, where the hernia sac is returned into the abdominal cavity.
- Anatomical landmarks include epigastric vessels, triangle of doom, triangle of pain, vas deferens, gonadal vessels and Cooper's ligament.

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