GYNESIM

Real Tissue Models

Real Surgical Training

MOUNT AUBURN HOSPITAL

Advanced Laparoscopic Suturing and Knot-tying Course
17 hrs all hands-on all-the-time, intensive training

When: December 2-3, 2023

Where: **Cambria Houston Downtown Convention Center**
1314 Texas Ave, Houston, TX 77002

Who: This course is designed for MIS surgeons who want to transform their surgical skill and confidence by developing the ability to reliably suture and tie knots

Course Goals: To build surgical skill and confidence.

- Understand essential geometric concepts fundamental to laparoscopic suturing and knot tying.

- Develop facility and flexibility in laparoscopic suturing and knot-tying with a variety of techniques, equipment and approaches to progressively more complex surgical simulation challenges.

- Have performed on Real Tissue Models: myomectomy (focusing on defect closure) and/or TLH and/or Sacrocolpopexy (focusing on procedure steps, cuff closure and resuspension suturing).

Course Schedule/Curriculum

Saturday, December 2, 2023:

8:00am—12:00pm Hands on Dry Lab - Introduction of goals, station assignment, equipment check, warm-up exercises to establish favorable ergonomics. Introduce geometric fundamentals of laparoscopic suturing, knot-tying and knot mechanics. Skills will include needle introduction, needle handling and loading, manipulation and driving , suturing and intracorporeal knot-tying (flat knot) with and without needle. Contralateral and ipsilateral approaches introduced.

1:00 pm - 5:00 pm - Hands on Dry Lab: Mastery of skills – Review of knot tying fundamentals with further practice through simulation task assignment. Introduction of cinch knot mechanics with applications to intracorporeal and extracorporeal knot -tying., loop ligature and barbed suture. Ipsilateral suturing will be reinforced and practiced through task-based assignment.

Sunday December 3, 2023:

8:00am - 12:00 pm— Ipsilateral and contralateral suturing and knot-tying will be reinforced and practiced with emphasis on ipsilateral operating. Repetitive supervised practice will constitute the focus of this morning with application of skills to progressively more challenging simulations. Single-port suturing and knot-tying may be requested.

1:00 pm - 5:00 pm — Real Tissue Model™ Lab: Myomectomy, TLH and sacrospinous suspension will be performed on highest fidelity Real Tissue Models™. Emphasis will be on the application of suturing and knot-tying skill to these highly realistic surgical simulations. Each model will also have other minor procedural tasks eg. ovarian cystectomy, tubal re-anastomosis.

Lunch-pail lectures 1200-100 on Saturday and/or Sunday will be determined by attendee preference.

Course Fee (includes morning coffee, snacks and lunch):
Practicing Surgeons: $1250
Resident/Fellow: $950

For more details see: https://www.gynesim.com/houston