

## Laparoscopic Suturing Course

This skills-based program involves a progress of exercises and training models designed to teach basic techniques, technical nuances and overall strategy of advanced laparoscopic suturing and knotting techniques. Special features include skill standards (technical quality and performance time), fluently choreographed movements, „economy of motion” principles and „flawless techniques”. The porcine lab will provide extensive hands-on experience.

### Program

#### Day 1.

12:00 Welcome and Introduction, Lunch

Lecture: Laparoscopic suturing

- selection of laparoscopic instrumentation, needle designs and suture materials
- needle handling techniques: loading and adjusting
- needle driving techniques
- interrupted and continuous suturing

14:00 *Inanimate lab: practice on fresh animal tissue*

- gastrointestinal anastomosis
- small bowel resection, latero-lateral suture with separated knots

17:00 Adjourn

#### Day 2.

9:00 *Animate lab: laparoscopic gastrointestinal anastomosis*

10:20 Coffee-break

10:50 *Animate lab: laparoscopic gastrointestinal anastomosis*

13:00 Lunch

14:00 *Animate lab: laparoscopic small bowel resection*

17:00 Adjourn