

Advanced laparoscopy programme 1

Day 1 October 18th: Lectures and dry-labs

08:30 - 09:00 Masterclass introduction

09:00 - 09:45 Suturing techniques

- Physics and ergonomics
- How to make a secure knot
- Single-handed and double handed techniques
- Barbed suture

09:45 – 10:30 Laparoscopic gastropexy

- Normal or Barbed sutures, Endo-stitch and others
- Alternative port positions, Single-ports, Combination with Lap over

10:30 - 11:00 Coffee Break

11:00-13:00 Laparoscopic treatments of hernias

- Diaphragmatic hernia repair
- Hiatal hernias: Indications and techniques.
- Discussion and clinical cases including complications and troubleshooting

13:00 – 13:45 Lunch Break

13:45 – 14:15 Clinical cases

14:15 – 17:30 Dry Lab: Suture and ligate in Mini-invasive surgery

- Warm-up with dry lab exercises
- Extra-corporeal ligation
- Intra-corporeal techniques
- The particularities of barbed sutures
- Contest on suturing Laparoscopic Tasks

17:30 - 18:30 Update from the human side

19:00 – Social dinner

Day 2 October 19th: Advanced procedures

08:30-09:00: Introduction to Fluorescence

09:00 – 11:00: Gallbladder

- Laparoscopic cholecystectomy
 - Medical back-ground & Case selection
 - Traditional versus sub-serosal
 - Normograde or antegrade dissection
- Choledochoscopy, Catheterization of the CBD
- Videos and clinical cases
- Discussion including complications and troubleshooting

11:00 – 11:30 Coffee Break

11:30 - 13:00 Wet labs on corpses (1) ALL

- Ligation of various pedicles
- Diaphragmatic hernia repair

13:00 – 14:00 Lunch break

14:00 - 17:30 ALL

- Cholecystectomy
- Hiatal hernia
- Gastropexies, R and L
- Optional:
 - Single-port platforms: (Operative laparoscope, Glove port, SILS and more)
 - Trial of various vessel-sealers, Ultra-sound versus vessel-sealing

Free evening

Day 3 October 20th: Laboratory on Anesthetized pigs

09:00 – 15:00 Advanced abdominal procedures ALL

- Hiatal hernia
- Lap-Cholecystectomy
- Lap-Gastropexy
- Diaphragmatic hernias

15:00 – 16:00 Debriefing, wrap-up, lunch-break and farewell

The course program is subject to last minute slight changes

