

Tips and tricks, anatomy suture and more...

Laparoscopic Gynecological Surgery



March 29th

Morning

7.45 am / Shuttle-bus Hotel – IRCAD/EITS

8.00 am / Welcome to participants

8.30 am

THEORETICAL SESSION

- Ergonomics
- Endoscopic anatomy: from gross anatomy to surgical anatomy
- Electrical energies
- Dissecting tools and potential dangers
- General considerations of tissue approximation
- Suturing techniques:
 - Specific instruments for suturing
 - Endoscopic suture and needle
 - Introducing and removing the needle
 - Different techniques for loading the needle
 - Technique for extracorporeal knots
 - Technique for intracorporeal knots
 - Continuous suture

1.00 pm / Lunch at the Institute

COURSE OBJECTIVES

To perform surgery in this field. The laparoscopic pelvic surgeon should master the knowledge of genital, digestive and urinary tract techniques mainly associated with suturing. The course will provide extensive lectures focusing on these principles and training is given in an optimal lab environment: trainees will gain first-hand experience of animal tissue.

Afternoon

2.00 pm

PRACTICAL SESSION ON PELVIC TRAINER

- Exercises in needle loading
- Right hand and left hand suturing
- Intra and extra corporeal knots
- Different techniques for continuous sutures

4.30 pm

THEORETICAL SESSION

- Abdominal Wall
 - Anatomy
 - Surgical Implication
- The Uterin Artery
 - Anatomy
 - Surgical Implication
- Pelvic Innervation
 - Sympathetic innervation: Anatomy, routes and role
 - Parasympathetic innervation: Anatomy, routes and role
 - Nerve-sparing surgery: When, how and why?
- Anatomy of the retroperitoneal spaces
 - Paravesical space anatomy
 - Limits and content
 - Pararectal space anatomy
 - Limits and content
 - The rectovaginal space anatomy
 - Limits and content
 - The vesicovaginal space anatomy
 - Limits and content

6.00 pm / Shuttle-bus IRCAD/EITS – Hotel



March 30th

Morning

8.00 am / Shuttle-bus Hotel – IRCAD/EITS

8.30 am / THEORETICAL SESSION

- Technique of exposure
 - When, why, how to?
 - Equipment
 - Technique
- Mass extraction
 - Instruments
 - Techniques
 - Complications
- Bowel injuries
 - Mechanisms (overt/underlying)
 - Small bowel
 - Colon
 - Repair techniques
 - Therapeutic strategy
 - Prevention and management of iatrogenic bowel injury
 - Are they avoidable?
- The Pelvic floor
 - The muscles
 - Fascia
 - Ligament

10.30 am / LIVE OPERATIVE DEMONSTRATION

- Demonstration on ergonomical installation, dissecting techniques, energy use and suturing techniques

1.00 pm / Lunch at the Institute

Afternoon

2.00 pm / TRAINING ON LIVE TISSUE

- Dissecting the pelvis
- Identification of nerves
- Identification of vessels
- Identification of ureter
- Bladder and ureter injury repair

6.00 pm / Shuttle-bus IRCAD/EITS – Hotel

8.00 pm / Shuttle-bus Hotel – Restaurant

8.30 pm / Dinner at an Alsatian Restaurant

11.00 pm / Shuttle-bus Restaurant – Hotel

March 31st

Morning

8.00 am / Shuttle-bus Hotel – IRCAD/EITS

8.30 am

THEORETICAL SESSION

- Urinary tract
 - Anatomy of ureter and bladder
 - Nerve and vascular supply of bladder and ureter
 - Ureter dissection
 - Urinary injuries
 - mechanisms
 - identification of the site
 - repair technique

VIDEO SESSION

- Clinical case examination with regards to urinary tract surgery

THEORETICAL SESSION

- Pelvic vessels
 - Anatomy
 - Dissecting pelvic vessels
 - Danger areas
 - What to do in case of
 - arterial injury
 - vein injury

VIDEO SESSION

- Clinical case examination with regards to pelvic vessels surgery

1.00 pm / Lunch at the Institute

Afternoon

2.00 pm / TRAINING ON LIVE TISSUE

- Bowel injury and repair
- Bowel suturing and resection
- Ureter re-anastomosis
- Vascular repair

6.00 pm / End of the course

Shuttle-bus IRCAD/EITS – Hotel

This programme may be subject to modifications.