



LAPAROSCOPIC UROLOGICAL SURGERY

5-DAY INTENSIVE COURSES WITH OPTIONAL UNIVERSITY DIPLOMA

June 5-9
October 2-6
December 4-8

COURSE DIRECTOR

T. Piechaud (FR)

8:45 am – REGISTRATION AND WELCOMING OF PARTICIPANTS

9:00 am – ANESTHESIA

- Principles and specificities of anesthesia for laparoscopy

EQUIPMENT

- Operating theater – choice of equipment – the laparoscopic unit
- Conventional laparoscopic instrumentation and microinstruments
- Electrosurgery and ultrasonic dissections

BASIC PRINCIPLES OF LAPAROSCOPIC SURGERY

- Port placement:
 - Transperitoneal access
 - Retroperitoneal access
- Knots

1:00 pm – LUNCH AT THE INSTITUTE

2:00 pm – HANDS-ON SESSION ON LIVE TISSUE (MINIPIGS) : LAPAROSCOPY

Approach of the lower urinary system

- Ureterolysis
- Burch procedure
- Cystotomy
- Fixing of vaginal prosthesis
- Ureterovesical implantation

6:30 pm – END OF SESSION EVENING FREE

8:15 am – EVALUATION OF THE PREVIOUS DAY

8:30 am – TREATMENT OF GENERAL AND DIGESTIVE COMPLICATIONS

LAPAROSCOPIC SURGERY OF NON-TUMORAL UPPER URINARY SYSTEM

- Pyeloplasty
- Pyelotomy
- Ureterotomy

LAPAROSCOPIC SURGERY OF NON-TUMORAL LOWER URINARY SYSTEM

- Prostatic adenomectomy
- Vesical diverticulectomy
- Implantation of artificial sphincter
- Ureterovesical implantation

1:00 pm – LUNCH AT THE INSTITUTE

2:00 pm – HANDS-ON SESSION ON LIVE TISSUE (MINI-PIGS): LAPAROSCOPY

Approach of the upper urinary system

- Renal pedicle dissection
- Ureterolysis
- Pyeloplasty
- Ureteral repair
- Left and right nephrectomy

6:30 pm – END OF SESSION EVENING FREE

7:45 am – EVALUATION OF THE PREVIOUS DAY

8:00 am – **LAPAROSCOPIC TREATMENT OF KIDNEY TUMORS**

- Radical nephrectomy using a retroperitoneal approach
- Technical principles

10:00 am – **LIVE AND PRE-RECORDED OPERATIVE DEMONSTRATION**

(depending on cases)

- Radical nephrectomy using a retroperitoneal approach

PRE-RECORDED OPERATIVE DEMONSTRATION SESSION

- Radical nephrectomy using a transperitoneal approach:
 - Technical principles, complications
- Laparoscopic partial nephrectomy for the treatment of kidney tumors:
 - Technical points
 - Robotic approach

1:00 pm – LUNCH AT THE INSTITUTE

2:00 pm – **HANDS-ON SESSION ON LIVE TISSUE (MINI-PIGS): LAPAROSCOPY AND ROBOTICS**

Approach to the lower urinary system

- Cystotomy
- Ureterovesical implantation
- Vesicourethral anastomosis
- Cystoprostatectomy
- Robotic system initiation

6:30 pm – END OF SESSION

8:30 pm – DINNER IN HONOR OF PARTICIPANTS

7:45 am – EVALUATION OF THE PREVIOUS DAY

8:00 am – **LAPAROSCOPIC TREATMENT OF GENITOURINARY PROLAPSE**

- Physiopathology of genitourinary prolapse:
 - Anatomical principles of laparoscopic treatment
 - Technical descriptions
 - Associated techniques - Hysterectomy - Complications

10:00 am – **LIVE AND PRE-RECORDED OPERATIVE DEMONSTRATION**

(depending on cases)

- Laparoscopic treatment of genitourinary prolapse

PRE-RECORDED OPERATIVE DEMONSTRATION

- Laparoscopic cystectomy:
 - Technical principles
- Laparoscopic cystectomy in women
- Robotic anterior pelvicotomy, laparoscopic urinary diversion

1:00 pm – LUNCH AT THE INSTITUTE

2:00 pm – **HANDS-ON SESSION ON LIVE TISSUE (MINI-PIGS): LAPAROSCOPY AND ROBOTICS**

- University Diploma - Hands-on evaluation
- Practice of previously performed procedures:
 - Nephrectomy, partial nephrectomy
 - Pyeloplasty
 - Ureterolysis
 - Robotic system initiation

6:30 pm – END OF SESSION
EVENING FREE

7:45 am — EVALUATION OF THE PREVIOUS DAY

8:00 am — UNIVERSITY DIPLOMA PROFICIENCY TEST

For candidates enrolled for the University diploma multiple choice questionnaire

9:00 am — LAPAROSCOPIC RADICAL PROSTATECTOMY

- Way of access, step-by-step description
- Laparoscopic lymphadenectomy:
 - Place and technique in prostate cancer
- Laparoscopic robot-assisted radical prostatectomy

LAPAROSCOPIC SURGERY AND SAFETY

1:00 pm — LUNCH AT THE INSTITUTE

1:45 pm — ADRENALECTOMY: TRANSABDOMINAL APPROACH

2:15 pm — NEW TECHNOLOGIES AND NEW CONCEPTS IN LAPAROSCOPIC SURGERY: FROM VIRTUAL TO ROBOTIC SURGERY

3:15 pm — END OF THE COURSE
DELIVERY OF CERTIFICATES OF ATTENDANCE
AND DIPLOMAS TO SUCCESSFUL CANDIDATES

UNIVERSITY DIPLOMA IN LAPAROSCOPIC SURGERY

Evaluation through theoretical exams and practical tests at the end of the Intensive course session leads to the delivery of a "University Diploma in Laparoscopic Surgery" awarded by the University of Strasbourg. The diploma fees (around 430 Euros) are to be paid on the spot by check made payable to "University of Strasbourg" or in cash. Credit card payments won't be accepted.

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