



## LAPAROSCOPIC UROLOGIC SURGERY

5-DAY INTENSIVE COURSES WITH OPTIONAL UNIVERSITY DIPLOMA

2025

### DATES

*June 2 - 6*  
*October 6 - 10*  
*December 1 - 5*

### COURSE DIRECTORS

T. Piechaud (FR)  
E. Mandron (FR)

8:45 am ◇ REGISTRATION AND WELCOMING OF THE 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 (MINI-PIGS):  
LAPAROSCOPY

#### Approach of the lower urinary system

- Ureterolysis
- Burch procedure
- Cystotomy
- Vaginal prosthesis fixation
- Ureterovesical implantation

6:30 pm ◇ END OF SESSION  
EVENING FREE

- 8:15 am ◇ EVALUATION OF THE PREVIOUS DAY'S SESSIONS
- 8:30 am ◆ TREATMENT OF GENERAL AND DIGESTIVE COMPLICATIONS
- LAPAROSCOPIC & ROBOTIC SURGERY OF NON-TUMORAL UPPER URINARY SYSTEM
- Pyeloplasty
  - Pyelotomy
  - Ureterotomy
- LAPAROSCOPIC & ROBOTIC 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

- 7:50 am ◇ EVALUATION OF THE PREVIOUS DAY'S SESSIONS
- 8:00 am ◆ **LAPAROSCOPIC TREATMENT OF KIDNEY TUMORS**
- General principles and indication on technical aspects
  - Radical nephrectomy using a retroperitoneal approach, technical principles, pre-record.live surgery
  - Radical nephrectomy using a transperitoneal approach, technical principles, pre-record live surgery
  - Complications
  - Laparoscopic and robotic partial nephrectomy, pre-record live
- 1:00 pm ◇ LUNCH AT THE INSTITUTE
- 2:00 pm ◆ **HANDS-ON SESSION ON LIVE TISSUE (MINI-PIGS):  
LAPAROSCOPY**
- Approach of 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 THE PARTICIPANTS

7:50 am ◇ *EVALUATION OF THE PREVIOUS DAY'S SESSIONS*

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

- Physiopathology of genitourinary prolapse:
  - Anatomical principles of laparoscopic treatment
  - Technical descriptions
- Live or pre-recorded live surgery
  - Associated techniques - hysterectomy - complications

10:00 am ◆ *LAPAROSCOPIC & ROBOTIC TREATMENT OF BLADDER TUMORS*

- Laparoscopic prostatectomy
- Laparoscopic cystectomy in women
- Laparoscopic and Robotic urinary diversion
  - Technical principles, pre-record live

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 THE COURSE  
EVENING FREE*

7:50 am	◇	EVALUATION OF THE PREVIOUS DAY'S SESSIONS
8:00 am	◆	<b>UNIVERSITY DIPLOMA PROFICIENCY TEST</b> <i>For candidates enrolled in the University diploma program, a multiple-choice examination will be administered</i>
9:00 am	◆	<b>LAPAROSCOPIC AND ROBOTIC RADICAL PROSTATECTOMY</b> <ul style="list-style-type: none"> <li>• Way of access, step-by-step description: laparoscopic approach</li> <li>• Laparoscopic lymphadenectomy:           <ul style="list-style-type: none"> <li>- Place and technique in prostate cancer</li> </ul> </li> <li>• Laparoscopic robot-assisted radical prostatectomy</li> </ul> <p><b>LAPAROSCOPIC SURGERY AND SAFETY</b></p>
1:00 pm	◇	LUNCH AT THE INSTITUTE
1:45 pm	◆	<b>ADRENALECTOMY: TRANSABDOMINAL APPROACH</b>
2:15 pm	◆	<b>NEW TECHNOLOGIES AND NEW CONCEPTS IN LAPAROSCOPIC SURGERY: FROM VIRTUAL TO ROBOTIC SURGERY</b>
3:15 pm	◇	END OF THE COURSE PRESENTATION OF CERTIFICATES OF ATTENDANCE AND DIPLOMAS TO SUCCESSFUL CANDIDATES

## UNIVERSITY DIPLOMA IN LAPAROSCOPIC SURGERY (OPTIONAL)

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 in cash. *No payment by credit card will be accepted.*





## COURSE OBJECTIVES

- ◇ Provide the basic knowledge required for clinical applications
- ◇ Describe all the basic principles (instruments, materials, anesthesia equipment) and present the most widely used basic laparoscopic urologic techniques
- ◇ Provide hands-on training sessions to learn or improve performance of basic technical tasks in laparoscopic urologic surgery
- ◇ Describe results and potential complications of laparoscopic procedures
- ◇ Present the technical evolution of laparoscopy (3D, robotic approach for laparoscopic instruments) and the place of robotic assistance for urologic surgical operation

## EDUCATIONAL METHODS

- ◇ Interactive theoretical and video sessions between Faculty and course participants
- ◇ Live and pre-recorded operative demonstrations
- ◇ Practical training on live tissue

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