



2021

## LAPAROSCOPIC UROLOGICAL SURGERY

5-DAY COURSES WITH UNIVERSITY DIPLOMA  
INTENSIVE COURSES

June 7-11  
October 4-8  
December 6-10

COURSE DIRECTOR  
T. Piéchaud <sup>FR</sup>

# Monday

## LAPAROSCOPIC UROLOGICAL SURGERY

- 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 (mini-pigs): laparoscopy**  
**Approach of the lower urinary system**  
> Ureterolysis  
> Burch procedure  
> Cystotomy  
> Fixing of vaginal prosthesis  
> Uterovesical implantation
- 6:30 pm ○ **End of session**  
**Evening free**

# Tuesday

- 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  
> Uterovesical implantation  
> Vesicovaginal fistula
- 1:00 pm ○ **Lunch at the Institute**
- 2:00 pm ○ **Hands-on session on live tissue (minipigs): laparoscopy**  
**Approach to the upper urinary system**  
> Renal pedicle dissection  
> Ureterolysis  
> Pyeloplasty  
> Ureteral repair  
> Left and right nephrectomy
- 6:30 pm ○ **End of session**  
**Evening free**



You can either register online for IRCAD courses at [www.ircad.fr](http://www.ircad.fr)

Or scan this QR code to directly register for this course.

This program may be subject to modifications.

# Wednesday

## LAPAROSCOPIC UROLOGICAL SURGERY

- 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  
> Place of robotic assistance in kidney tumor surgery
- 1.00 pm ○ **Lunch at the Institute**
- 2.00 pm ○ **Hands-on session on live tissue (minipigs): laparoscopy and robotics**  
**Approach to the lower urinary system**  
> Cystotomy  
> Ureterovesical implantation  
> Vesicourethral anastomosis  
> Prostatocystectomy  
> Robotic system initiation
- 6.30 pm ○ **End of session**
- 8.30 pm ○ **Dinner in honor of the participants**

# Thursday

- 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 session**  
> 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 - Practical evaluation**  
> **Practice of previously performed procedures:**  
- Nephrectomy, partial nephrectomy  
- Pyeloplasty  
- Ureterolysis  
- Robotic system initiation
- 6.30 pm ○ **End of session**  
**Evening free**

# Friday

## LAPAROSCOPIC UROLOGICAL SURGERY

- 8:00 am **University diploma proficiency test**  
For surgeons who applied for the University diploma:  
Multiple choice questionnaire
- 8:45 am **Evaluation of the previous day**
- 9:00 am **Laparoscopic radical prostatectomy**  
> Way of access, step by step description  
> Transperitoneal route, first posterior approach  
> 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**
- 3:00 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 University of Strasbourg diploma registration (optional): around 430 Euros. The diploma fees are to be paid on-site by check made payable to "University of Strasbourg" or in cash. No payment by credit card will be accepted.



### COURSE OBJECTIVES

- > To provide the basic knowledge required for clinical applications
- > To describe all the basic principles (instruments, materials, anesthesia equipment) and present the most widely used basic laparoscopic urological techniques
- > To provide hands-on training sessions to learn or improve performance of basic technical tasks in laparoscopic urological surgery
- > To describe results and potential complications of laparoscopic procedures

### EDUCATIONAL METHODS

- > Interactive theoretical and video sessions between faculty and course participants
- > Live and pre-recorded operative demonstrations
- > Practical training on live tissue (mini-pigs)

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