



**2022**  
STRASBOURG UNIVERSITY

## LAPAROSCOPIC UROLOGICAL SURGERY

5-DAY INTENSIVE COURSES WITH UNIVERSITY DIPLOMA

### DATES

May 30 - June 3  
October 3-7  
December 5-9

### COURSE DIRECTOR

T. Piechaud (FR)

**ircad**  
France

# 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 (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

# TUESDAY

LAPAROSCOPIC UROLOGICAL SURGERY

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 UPPER URINARY SYSTEM

- > Prostatic adenomectomy
- > Vesical diverticulectomy
- > Ureterovesical implantation
- > Vesicovaginal fistula

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

# 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 (MINI-PIGS): 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 PARTICIPANTS

# THURSDAY

LAPAROSCOPIC UROLOGICAL SURGERY

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

This program may be subject to modifications.

# 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 diploma fees (around 430 Euros) are to be paid on the spot by check made payable to "University of Strasbourg" or in cash. No payment by credit card will be accepted.

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