

# IRCAD

Strasbourg  
University

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# FRANCE

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Intensive courses

**Laparoscopic Urological Surgery**

University diploma

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**2020**



June 8-12  
5-9 Octobre  
December 7-11

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Course director  
T. Piechaud F

## Laparoscopic Urological Surgery

### 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)

You can register online for IRCAD courses at

[www.ircad.fr](http://www.ircad.fr)

Or use this code for a flash registration for this course



### Monday

8.45 am  
Registration and welcoming of participants

#### 9.00 am Anesthesia

- Principles and specificities of anesthesia for laparoscopy

#### Equipment

- Operating theatre – 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 Training on live tissue (mini-pigs): Laparoscopy Approach of the lower urinary system

- Ureterolysis
- Burch
- Cystotomy
- Fixing of vaginal prosthesis
- Ureterovesical 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
- Ureterovesical implantation
- Vesico-vaginal fistula

1.00 pm  
Lunch at the Institute

#### 2.00 pm Training 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

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## Wednesday

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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 & 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

### **Training on live tissue (mini-pigs): Laparoscopy and robotics**

#### **Approach of 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

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## Thursday

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7.45 am

Evaluation of the previous day

8.00 am

### **Laparoscopic treatment of genito-urinary prolapse**

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

10.00 am

### **Live & pre-recorded operative demonstration (depending on cases)**

- Laparoscopic treatment of genitourinary prolapse

### **Pre-recorded operative demonstration session**

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

1.00 pm

Lunch at the Institute

2.00 pm

### **Training 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

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## Friday

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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 way, 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

2.00 pm

### **Adrenalectomy: Transabdominal approach**

2.45 pm

End of course

Delivery of certificates of attendance and diplomas to successful candidates

*This program may be subject to modifications.*