

# LAPAROSCOPIC UROLOGIC SURGERY

PROGRAMME

DECEMBER 2 - 6



2024

**ircad**  
France

STRASBOURG  
UNIVERSITY

Course directors

T. Piechaud (FR)

E. Mandron (FR)

# Intensive course in Laparoscopic Urological Surgery

## COURSE OBJECTIVES

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- 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

## COURSE ENDORSEMENT AND ACCREDITATION

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This course is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS).

EACCME credits are also recognized by the American Medical Association towards the Physician's Recognition Award (PRA).



This course is accredited within the EU-ACME program by the European Board of Urology. The accreditation is in compliance with EBU/UEMS regulations.



AMERICAN COLLEGE OF SURGEONS • DIVISION OF EDUCATION  
**ACCREDITED EDUCATION INSTITUTES**  
ENHANCING PATIENT SAFETY THROUGH SIMULATION  
ACCREDITED EDUCATION INSTITUTE

## UNIVERSITY DIPLOMA – UNIVERSITY OF STRASBOURG

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Diploma registration (optional): **Fees: 411 euros**

The diploma fees will have to be paid at IRCAD by cheque made payable to "UNISTRA" or in cash. No payment will be accepted by credit card.

The exam consists in the evaluation of the practice on Live Tissue on Thursday afternoon and a proficiency test (25 Multiple choice questions) on Friday morning from 8:00 am to 9:00 am. This evaluation leads to the delivery of a "University Diploma in Laparoscopic Surgery" awarded by the University of Strasbourg

**Registration on Monday and Tuesday during the coffee break at the reception desk.**

For successful candidates, the diploma will be delivered on Friday afternoon at the end of the course at 3.15 pm.

# Intensive course in Laparoscopic Urological Surgery

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## DIRECTORS

Thierry Piechaud	Clinique St Augustin, Bordeaux, France
Eric Mandron	Clinique Chirurgicale du Pré, Le Mans, France

## FACULTY BOARD

Olivier Alenda	Clinique Saint Jean, Toulon, France
Christian Saussine	NHC, Strasbourg, France
Laurent Lopez	Clinique St Augustin, Bordeaux, France

## EXPERTS

Filippo Annino	San Donato Hospital, Arezzo, Italy
George Kyriakou	Athens Medical Center, Athens, Greece
Aurel Messas	Clinique de Turin, Paris, France
Luc Soler	Visible Patient, Strasbourg, France
Michel Vix	NHC, Strasbourg, France
Diogo S. Fernandes	Hospital Da Luz, Vila Nova, Portugal

## TRAINERS

Thomas Bommelaere	Clinique de la Louvière, Lille, France
Benedetta Bianchi	San Donato Hospital, Arezzo, Italy
Melissa Cortegoso	University Hospital of Santiago, Compostela, Spain
Elie El Helou	University Medical Center Hotel-Dieu, Beirut, Lebanon
Rony Mazloum	Bellevue Medical Center, Mansourieh, Lebanon
Estefania Romero Selas	Complejo Hospitalario De Orense, Orense, Spain

*Each IRCAD faculty member confirms that any conflict of interest they may declare has no bearing on any scientific activity during the courses: all course content is fair, balanced, and free of commercial bias.*

# Monday, December 2<sup>nd</sup>, 2024

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## MORNING

08.45 am Registration

09.00 am Welcome to participants

*C. Saussine*

## THEORETICAL SESSION

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09.05 am **The Anaesthesia:**

*D. Sobreira*

- Principles and specificities of anaesthesia for laparoscopy

10.00 am **Equipment:**

*G. Kyriakou*

- Operating theatre / choice of equipment / the laparoscopy unit
- Conventional laparoscopic instrumentation and micro-instruments
- Electrosurgery and ultrasonic dissections

10.45 am Break

11.15 am **Basic principles of laparoscopic surgery:**

*A. Messas*

- Positioning of trocars:
  - transperitoneal access
  - retroperitoneal access
- Knots

01.00 pm Lunch at the Institute

## AFTERNOON

### **EXPERIMENTAL LABORATORY (PRACTICE ON LIVE TISSUE)**

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<i>02.00 pm</i>	<b>Approach of the lower urinary system:</b>	<i>C. Saussine</i>
	<ul style="list-style-type: none"><li>• Ureterolysis</li><li>• Burch</li><li>• Cystotomy</li><li>• Fixing of vaginal prosthesis</li><li>• Ureterovesical implantation</li></ul>	<i>A. Messas</i>
		<i>G. Kyriakou</i>
		<i>E. El Helou</i>
		<i>T. Bommelaere</i>
		<i>M. Cortegoso</i>
		<i>E. Romero Selas</i>
		<i>R. Mazloum</i>

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*06.30 pm* End of the day session - Evening free



# Tuesday, December 3<sup>rd</sup>, 2024

## MORNING

08.15 am Evaluation of the previous day

### THEORETICAL SESSION

Chairman:  
T. Piechaud

08.30 am **Management of general and digestive complications** A. Messas

09.30 am **Laparoscopic / Robotic surgery of non-tumoral upper system**

- Laparoscopic pyeloplasty (30 mins) C. Saussine
- Laparoscopic pyeloplasty, pyelotomy (30 mins) T. Piechaud

10.30 am • Robotic pyeloplasty G. Kyriakou

11.00 am Break

11.30 am **Laparoscopic surgery of non-tumoral lower system:**

- Prostatic adenomectomy T. Piechaud
- Bladder diverticulectomy C. Saussine
- Laparoscopic implantation of artificial sphincter C. Saussine
- Ureterovesical implantation T. Piechaud

01.00 pm Lunch at the Institute

## AFTERNOON

### **EXPERIMENTAL LABORATORY (PRACTICE ON LIVE TISSUE)**

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<i>02.00 pm</i>	<b>Approach of the upper urinary system:</b>	<i>T. Piechaud</i>
	<ul style="list-style-type: none"><li>• Renal pedicle dissection</li><li>• Ureterolysis</li><li>• Pyeloplasty</li><li>• Ureteral repair</li><li>• Right nephrectomy</li><li>• Left nephrectomy</li></ul>	<i>G. Kyriakou</i> <i>E. El Helou</i> <i>T. Bommelaere</i> <i>B. Bianchi</i> <i>M. Cortegoso</i> <i>R. Mazloum</i> <i>E. Romero Selas</i>

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*06.30 pm* End of the day session - Evening free



# Wednesday, December 4<sup>th</sup>, 2024

## MORNING

07.45 am Evaluation of the previous day

### **THEORETICAL SESSION: LAPAROSCOPIC TREATMENT OF KIDNEY TUMORS**

Chairman:  
T. Piechaud

08.00 am	<b>Introduction – Laparoscopic treatment of kidney tumors</b>	T. Piechaud
08.20 am	<b>Radical nephrectomy using a retroperitoneal approach:</b> <ul style="list-style-type: none"><li>• Technical principles</li></ul>	M. Oderda visioconference
09.00 am	– <b>LIVE SURGERY from Toulon:</b> Transperitoneal laparoscopic enlarged nephrectomy for right renal tumor	<u>Operator:</u> O. Alenda visioconference
10.15 am	Break	
10.35 am	<b>Laparoscopic nephrectomy using a transperitoneal approach:</b> <ul style="list-style-type: none"><li>• Technical principles – Pre-recorded operative demonstration</li></ul>	E. Mandron
11.15 am	<b>Laparoscopic nephrectomy using a transperitoneal approach:</b> <ul style="list-style-type: none"><li>• Complications</li></ul>	T. Piechaud
11.40 am	<b>Laparoscopic partial nephrectomy</b> <ul style="list-style-type: none"><li>• Points of technique</li></ul>	E. Mandron
12.00 pm	<b>Robotic partial nephrectomy</b>	T. Piechaud

01.00 pm Lunch at the Institute

## AFTERNOON

### **EXPERIMENTAL LABORATORY (PRACTICE ON LIVE TISSUE)**

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<i>02.00 pm</i>	<b>Approach of the lower urinary system:</b>	<i>T. Piechaud</i>
	<ul style="list-style-type: none"><li>• Ureterolysis</li><li>• Cystotomy</li><li>• Ureterovesical implantation</li><li>• Vesicourethral anastomosis</li><li>• Prostatocystectomy</li></ul>	<i>E. Mandron</i> <i>G. Kyriakou</i> <i>F. Annino</i> <i>E. El Helou</i> <i>T. Bommelaere</i> <i>B. Bianchi</i> <i>M. Cortegoso</i> <i>R. Mazloum</i> <i>E. Romero Selas</i>

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*06.30 pm* End of the day session

*08.30 pm* Dinner at the Restaurant "La Brasserie des Haras",  
23 Rue des Glacières in Strasbourg

# Thursday, December 5<sup>th</sup>, 2024

## MORNING

07.45 am Evaluation of the previous day

### THEORETICAL SESSION: LAPAROSCOPIC TREATMENT OF GENITOURINARY PROLAPSE

Chairman:  
T. Piechaud

08.00 am **Introduction: Laparoscopic treatment of genitourinary prolapse by promontofixation:**  
• General Principles T. Piechaud

08.30 **LIVE SURGERY from Bordeaux:**  
Laparoscopic treatment of genitourinary prolapse by promontofixation Operator:  
L. Lopez  
visioconference

09.30 am **Laparoscopic treatment of genitourinary prolapse by promontofixation**  
• Principal Techniques  
• Complications E. Mandron

10.00 am Break

### LAPAROSCOPIC CYSTECTOMY - PROSTATOCYSTECTOMY

10.30 am **Laparoscopic prostatocystectomy**  
• Technical principles, pre-recorded operative demonstration O. Alenda

11.30 am **Laparoscopic cystectomy in female patients**  
• Pre-recorded operative demonstration E. Mandron

12.15 pm **Robotic cystectomy and urinary diversion in women** T. Piechaud

**Group picture in the auditorium**

*Participants - Experts*

01.00 pm Lunch at the Institute

## AFTERNOON

### **EXPERIMENTAL LABORATORY (PRACTICE ON LIVE TISSUE)**

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*02.00 pm*    **Practical evaluation:**

Practice of previously performed  
procedures:

- Nephrectomy
- Pyeloplasty, ureterolysis
- ...

*T. Piechaud  
E. Mandron  
O. Alenda  
F. Annino  
G. Kyriakou  
E. El Helou  
T. Bommelaere  
B. Bianchi  
M. Cortegoso  
R. Mazloum  
E. Romero Selas*

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*06.30 pm*    End of the day session - Evening free

# Friday, December 6<sup>th</sup>, 2024

## MORNING

07.45 am Evaluation of the previous day

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08.00 am **University diploma proficiency test** (for the surgeons having applied for the University Diploma): Multiple choice questionnaire

### **THEORETICAL SESSION: LAPAROSCOPIC RADICAL PROSTATECTOMY**

*Chairman:  
T. Piechaud*

09.10 am **LIVE SURGERY from Le Mans:** Laparoscopic radical prostatectomy *E. Mandron*

10.10 am **Laparoscopic radical prostatectomy: step by step operative technique** *F. Annino*

10.45 am Break

11.15 am **Laparoscopic radical prostatectomy Place, indications, and technique in lymphadenectomy** *O. Alenda*

11.45 pm **Place of robotic in radical prostatectomy** *L. Lopez*  
Basics of RAAC protocol *T. Piechaud*  
Notions of ultra-preservation in prostate dissection  
Ultra-preserving radical prostatectomy techniques  
New developments in robotics

12.45 pm **Laparoscopic surgery and safety** *T. Piechaud*

01.00 pm Lunch at the Institute

## AFTERNOON

### THEORETICAL SESSION

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- 01.45 pm **Adrenalectomy:** Transabdominal approach *M. Vix*
- 02.30 pm **New Technologies and New Concepts in  
Laparoscopic Surgery:** *L. Soler*  
from virtual reality to robotic surgery
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- 03.15 pm End of the Seminar  
Course evaluation  
Delivery of Certificate of attendance  
Delivery of University Diploma