

# PEDIATRIC SURGERY

ADVANCED COURSES



2024

**ircad**  
France

STRASBOURG  
UNIVERSITY

VIDEOSURGERY IN PEDIATRIC UROLOGY

MARCH 14 - 16

ROBOTIC PEDIATRIC SURGERY AND UROLOGY

NOVEMBER 14 - 15

# THE BEST TRAINING CENTER IN THE WORLD

8,500 SURGEONS TRAINED EACH YEAR (ONLINE & ON-SITE)



## FULL IMMERSION IN PEDIATRIC SURGERY AND UROLOGY

Discover the two exceptional pediatric surgery courses hosted by IRCAD in 2024: expand your knowledge and expertise in videosurgery in pediatric urology in March, and explore the innovative techniques of robotic pediatric surgery and urology in November.

Pediatric urology has been a well-established field worldwide for many years, focused on the diagnosis and surgical treatment of urologic conditions in children. Pediatric urologists are trained to provide compassionate and comprehensive care for patients, using minimally invasive techniques whenever possible to ensure the best possible outcomes. The goal is to provide timely and appropriate care for urological conditions in children, with an emphasis on minimizing long-term complications and improving overall health and quality of life.

Robotic pediatric surgery refers to the use of robotic-assisted surgical technology in the treatment of pediatric patients. This innovative surgical approach allows surgeons to perform complex and precise procedures using a robotic surgical system, which typically includes a console that the surgeon operates and robotic arms that carry out the surgical tasks. Robotic surgery in pediatrics has been used for a wide range of surgical procedures.

During both courses, participants will have access to IRCAD's cutting-edge facilities and will have the opportunity to practice under the guidance of the most skilled and experienced professionals in the field.

## COURSE CANCELLATION POLICY

Should you wish to cancel or postpone your registration, please notify us by email at: [cancellation@ircad.fr](mailto:cancellation@ircad.fr). For the hotel cancellation policy, please check page 16.

Please note that no refund or postponement will be considered for any cancellation received less than 6 weeks before the course starts, even if Visa application has been denied.

# VIDEOSURGERY IN PEDIATRIC UROLOGY

ADVANCED COURSE



2024

**ircad**  
France

STRASBOURG  
UNIVERSITY

Date

MARCH 14 - 16

Course directors

A. El Ghoneimi (FR)  
F. Becmeur (FR)

# INTERNATIONAL FACULTY OF EXPERTS

**MARCH 14 - 16**

VIDEOSURGERY IN PEDIATRIC UROLOGY

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## COURSE DIRECTORS

A. El Ghoneimi (FR)

F. Becmeur (FR)

## FACULTY PANEL

A. Al Junaibi (AE)

D. Cabezali (SP)

R. Chrzan (PL)

C. Esposito (IT)

E. Faller (FR)

M.D. Leclair (FR)

A. Lehn (FR)

P.J. Lopez (CL)

M. Mendoza-Sagaon (CH)

R. Moog (FR)

I. Mushtaq (UK)

M. Peycelon (FR)

P. Philippe (LU)

A. Scalabre (FR)

P. Szavay (CH)

I. Talon (FR)

F. Varlet (FR)

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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.

# VIDEOSURGERY IN PEDIATRIC UROLOGY

MARCH 14

7:45 am ○ REGISTRATION AND WELCOMING OF THE PARTICIPANTS

8:00 am ● **THEORETICAL SESSION**  
TRANSPERITONEAL VERSUS RETROPERITONEAL APPROACH

- Lateral and prone position

## NEPHRECTOMY

- Total nephrectomy
- Partial nephrectomy
- Nephrectomy in case of tumor
- Nephrectomy in living donors

## GONADAL SURGERY, DSD & GYNECOLOGICAL MALFORMATIONS

## MISCELLANEOUS

- Varicocele
- Inguinal hernias
- Impalpable testis

1:15 pm ○ LUNCH AT THE INSTITUTE

2:00 pm ● **HANDS-ON SESSION IN THE EXPERIMENTAL LABORATORY**

- Nephrectomy using a retroperitoneal approach
- Nephrectomy using a transperitoneal approach
- Vesicoureteric reflux
- Pyeloureteric junction
- Mitrofanoff procedure
- Vaginoplasty

Each surgical procedure could be performed step by step with the following didactic outlook:

1. Ergonomics and installation
2. Introduction and positioning of trocars
3. Creation of a working space in the abdomen, the chest, the retroperitoneum
4. Instruments and energy applying systems
5. Dissection
6. Suturing and knotting

6:30 pm ○ END OF SESSION

8:00 pm ○ DINNER IN HONOR OF THE PARTICIPANTS

# VIDEOSURGERY IN PEDIATRIC UROLOGY

MARCH 15

- 7:45 am ○ EVALUATION OF THE PREVIOUS DAY
- 8:00 am ● **THEORETICAL SESSION**
- ADRENAL GLANDS**
- Left adrenalectomy
  - Right adrenalectomy
  - Neuroblastoma
- PELVIURETERIC JUNCTION OBSTRUCTION**
- Pyeloplasty
  - Laparoscopic vascular “hitch” to cross vessels
  - Pelviureteric junction in horseshoe kidney
  - Retrocaval ureter
- VESICoureTERIC REFLUX**
- Transvesical ureteric reimplantation
  - Transperitoneal ureteric reimplantation
- COMPLEX BLADDER SURGERY**
- Bladder neck surgery for incontinence
  - Reconstructive bladder surgery
  - Appendicostomy according to Mitrofanoff
- 1:15 pm ○ LUNCH AT THE INSTITUTE
- 2:00 pm ● **HANDS-ON SESSION IN THE EXPERIMENTAL LABORATORY**
- SAME HANDS-ON PROCEDURES AS MARCH 14
- 6:30 pm ○ END OF SESSION
- EVENING FREE

MARCH 16

- 7:45 am ○ EVALUATION OF THE PREVIOUS DAY
- 8:00 am ● **HANDS-ON SESSION IN THE EXPERIMENTAL LABORATORY**
- SAME HANDS-ON PROCEDURES AS MARCH 14
- 12:45 pm ○ END OF THE COURSE
- DELIVERY OF CERTIFICATES OF ATTENDANCE
- 12:50 pm ○ LUNCH BUFFET AT THE INSTITUTE

*This program may be subject to modifications.*

## COURSE OBJECTIVES

- To cover a broad spectrum of surgical procedures in pediatric urology
- To provide indications for surgical treatment and discuss operative complications
- To highlight technicalities of surgical interventions through the broadcasting of videos
- To allow discussion between experts and trainee surgeons
- To provide hands-on sessions to improve skills in laparoscopic surgery through practice on live tissue under expert tutorial
- To describe postoperative clinical results and practical applications of evidence-based clinical medicine

## EDUCATIONAL METHODS

- Interactive theoretical and video sessions between Faculty and course participants
- Hands-on training on live tissue (mini-pigs) in the experimental laboratory

## COURSE HIGHLIGHTS

- Full immersion in outstanding facilities: a state-of-the-art experimental lab equipped with 20 laparoscopic units and an auditorium with the latest audiovisual technologies
- 3 half days of hands-on practice
- Didactic lectures provided by world-renowned experts in pediatric urology
- Discussions with international pediatric surgeons and urologists







# ROBOTIC PEDIATRIC SURGERY AND UROLOGY

ADVANCED COURSE



2024

**ircad**  
France

STRASBOURG  
UNIVERSITY

Date

NOVEMBER 14 - 15

Course directors

A. Bonnard (FR)  
T. Blanc (FR)

# INTERNATIONAL FACULTY OF EXPERTS

**NOVEMBER 14 - 15**

ROBOTIC PEDIATRIC SURGERY AND UROLOGY

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## COURSE DIRECTORS

A. Bonnard (FR)

T. Blanc (FR)

## FACULTY PANEL

N. Alizai (UK)

Q. Ballouhey (FR)

L. Fourcade (FR)

A. Paye-Jaouen (FR)

C. Andolfi (IT)

C. Esposito (IT)

C. Giné (SP)

A.F. Spinoit (BE)

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7:45 am ○ REGISTRATION AND WELCOMING OF THE PARTICIPANTS

8:00 am ● **THEORETICAL SESSION**

**GENERAL ROBOTIC SURGERY AND ANESTHESIA**

- How to set up a robotic program
- Anesthesia management during pediatric robotic surgery
- Robotic hepatobiliary surgery
- HIDES in children (splenectomy, cholecystectomy, colorectal surgery)
- Robotic oncology in children
- Esophageal and gastric robotic surgery

**ROBOTIC UROLOGY AND NEONATAL SURGERY**

- Modifications to the robot-assisted laparoscopic extravesical ureteral reimplantation technique contribute to optimizing outcomes
- Transperitoneal pyeloplasty
- Retroperitoneal pyeloplasty
- Bladder robotic surgery
- Neonatal robotic surgery
- Morbidity in robotic surgery

1:15 pm ○ LUNCH AT THE INSTITUTE

2:00 pm ● **ROBOTIC HANDS-ON TRAINING ON PELVIC TRAINERS**

- How to set up the machine
- How to control the camera and operative arm
- How to control the fourth arm
- Suturing, clip application

**ROBOTIC HANDS-ON TRAINING ON SIMULATORS**

- Basic functioning of the machine
- Camera control, clutching and switching between arms
- Basic grasping and transfer
- Needle control, suturing and knot tying
- Clipping, energy and dissection

6:30 pm ○ END OF SESSION

8:00 pm ○ DINNER IN HONOR OF THE PARTICIPANTS

7:45 am ◦ EVALUATION OF THE PREVIOUS DAY

8:00 am • **ROBOTIC HANDS-ON TRAINING ON LIVE TISSUE**

- General resection procedures: nephrectomy, splenectomy, pancreatectomy
- Bowel resection and anastomosis
- Pyeloureteral anastomosis
- Bladder augmentation (strategy, configuration)
- Adrenalectomy

12:00 pm ◦ LUNCH AT THE INSTITUTE

1:00 pm • **ROBOTIC HANDS-ON TRAINING ON LIVE TISSUE**

- General resection procedures: nephrectomy, splenectomy, pancreatectomy
- Bowel resection and anastomosis
- Pyeloureteral anastomosis
- Bladder augmentation (strategy, configuration)
- Adrenalectomy

5:00 pm ◦ END OF THE COURSE  
DELIVERY OF CERTIFICATES OF ATTENDANCE

## COURSE OBJECTIVES

- To identify the specific robotic platform components, settings, and features required to safely use and operate the robotic surgical platform
- To cover a broad spectrum of surgical procedures in robotic pediatric surgery
- To provide indications for robotic surgical treatments and discuss operative complications
- To highlight technical aspects of robotic surgical interventions through the broadcasting of videos
- To allow real-time discussion between Faculty and trainee surgeons
- To provide hands-on sessions to improve skills in robotic pediatric surgery through practice under expert tutorials

## EDUCATIONAL METHODS

- Lectures with interactive discussions between participants and Faculty members
- Video-based discussion sessions with Q&A
- Robotic surgery training and practice on pelvic trainers, simulators and mini-pigs including the latest generation of robotic systems



# THE IRCAD PACKAGE

PREFERENTIAL RATE AT LES HARAS HOTEL\*\*\*\*

## HOTEL CANCELLATION POLICY

Should you wish to cancel or modify your hotel accommodation, please do not contact the hotel directly and send us an email:

**cancellation@ircad.fr**

- Cancellation received earlier than 10 days before the course starts is eligible for full hotel refund.
- Cancellation received later than 10 days before the course starts is eligible for hotel refund - minus a one-night deposit.

## BOOKING POLICY

The deadline for hotel booking is 10 days before the course.

Unfortunately IRCAD cannot guarantee room availability past that deadline. Bookings are made on a first-come, first-served basis. In case of non-availability, we shall do our best to reaccommodate you in a nearby hotel of equal standard.



MORE INFORMATION ON:  
**[LES-HARAS-HOTEL.COM](https://www.les-haras-hotel.com)**

*or scan this QR Code for more information about Les Haras*





# HOW TO GET TO IRCAD

FROM THE CLOSEST AIRPORTS



## IRCAD RECOMMENDS

### FROM FRANKFURT AIRPORT



170 km highway / 2 h  
Lufthansa shuttle bus (6/day)  
[www.lufthansa.com](http://www.lufthansa.com)

OR



Private car service  
[www.vtctravel.fr](http://www.vtctravel.fr)

## OTHER ROUTES

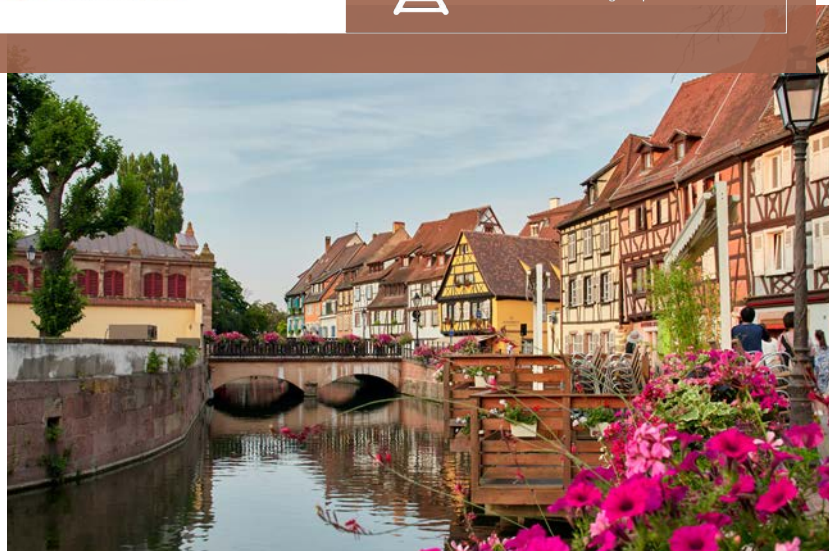


FROM STRASBOURG AIRPORT  
18 km / 20 min

OR



FROM PARIS CDG AIRPORT  
1 h 40 min on high-speed train



# ACCREDITATIONS & ENDORSEMENTS

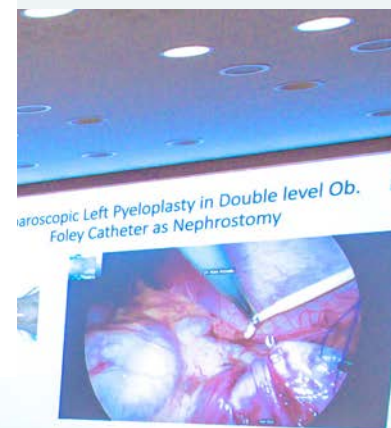
IRCAD is certified as a comprehensive Accredited Education Institute (AEI) by the American College of Surgeons (ACS).

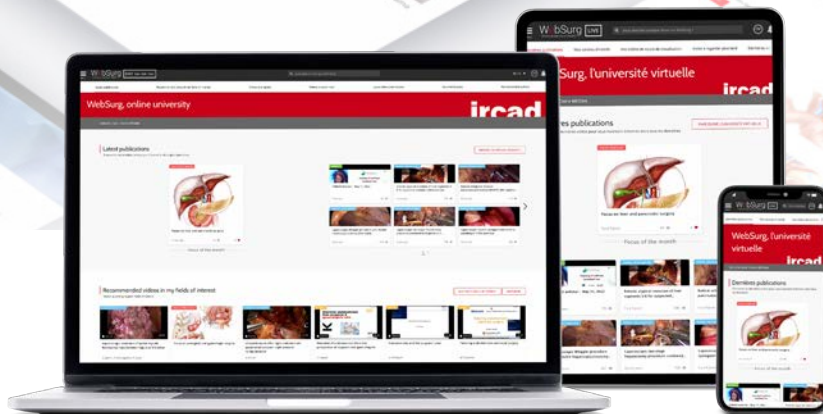
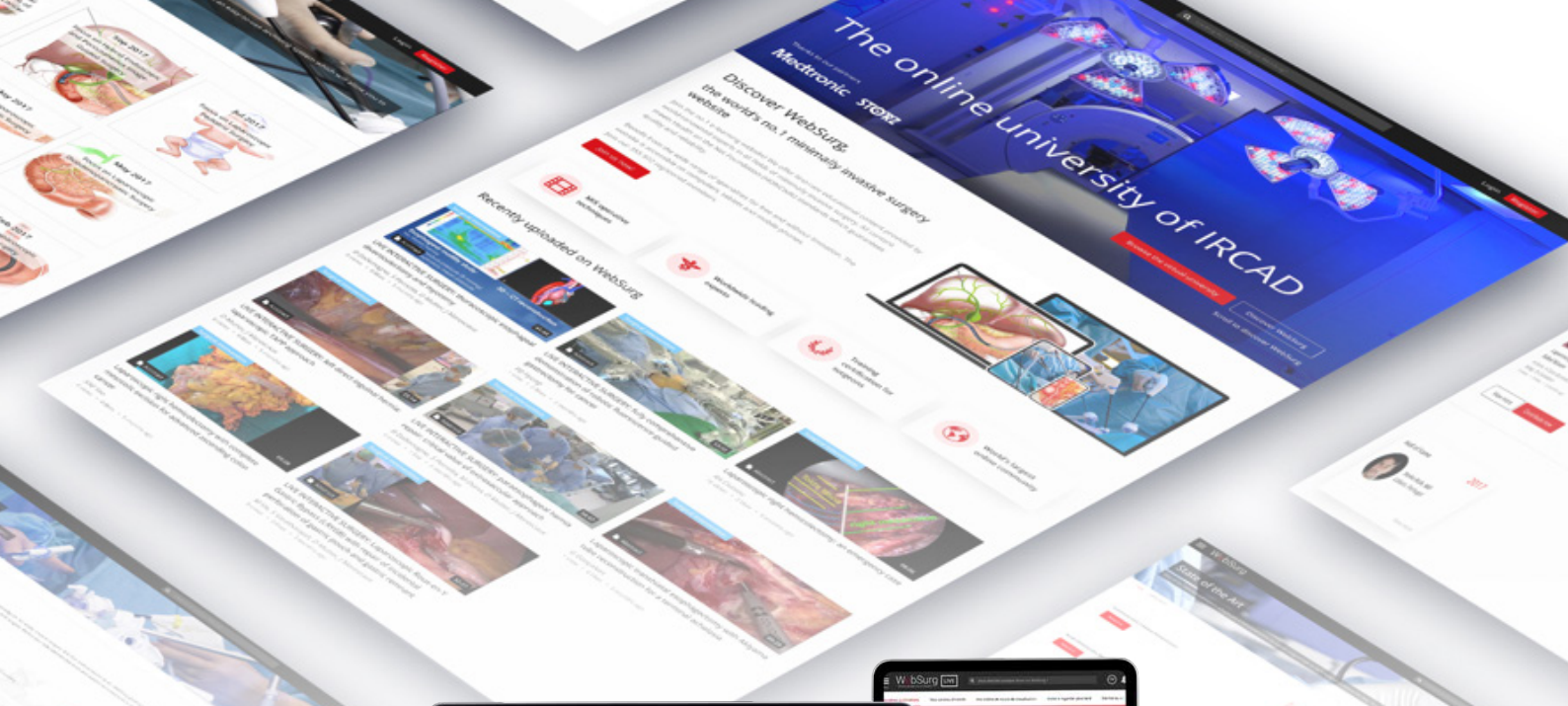
This course is accredited by the European Accreditation Council for Continuing Medical Education (EACCME), Institution of the European Union of Medical Specialists (EUMS), to provide CME credits to European medical specialists in their home country. This IRCAD course meets the criteria for the American Medical Association (AMA) Physician's Recognition Award (PRA) Category 1 Credit(s)<sup>™</sup>. Physicians may apply to convert EACCME credits into AMA PRA Category 1 Credit(s)<sup>™</sup>.

IRCAD courses are endorsed by the European Association for Endoscopic Surgeons (EAES).

The pediatric courses are endorsed by:

- The European Society for Paediatric Urology (ESPU)
- The International Pediatric Endosurgery Group (IPEG)
- The European Paediatric Surgeons' Association (EUPSA)
- The European Society of Paediatric Endoscopic Surgeons (ESPES)





MEMBERS  
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VIDEOS  
**+5,000**

AUTHORS  
**+3,000**

LANGUAGES  
**7**



**WebSurg**  
Online university of IRCAD



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