

ROBOTIC PEDIATRIC SURGERY AND UROLOGY

ADVANCED COURSE



2024

ircad
France

STRASBOURG
UNIVERSITY

Date

NOVEMBER 14 - 15

Course directors

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

ROBOTIC PEDIATRIC SURGERY AND UROLOGY

NOVEMBER 14

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

ROBOTIC PEDIATRIC SURGERY AND UROLOGY

NOVEMBER 15

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