



**2022**  
STRASBOURG UNIVERSITY

## LAPAROSCOPY IN NEWBORNS, INFANTS AND CHILDREN

ADVANCED COURSE

DATE  
**April 28-30**

COURSE DIRECTORS  
**F. Becmeur** (FR)  
**A. Bonnard** (FR)

**ircad**  
France

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# APRIL 28

## PEDIATRIC SURGERY

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7:45 am ◦ REGISTRATION AND WELCOMING OF PARTICIPANTS

8:00 am ◦ **THEORETICAL SESSION**

**Esophago-gastric surgery**

- > Laparoscopic treatment for gastro-esophageal reflux
- > Achalasia

**Biliary tree**

- > Cholecystectomy
- > Choledochal cyst

**Splenectomies**

- > Total splenectomies
- > Partial splenectomies
- > Impalpable testis...

**Miscellaneous**

- > Necrotizing enterocolitis
- > Pancreatic surgery
- > Rectal prolapse
- > Bariatric surgery

1:15 pm ◦ LUNCH AT THE INSTITUTE

2:00 pm ◦ **HANDS-ON SESSION AT THE EXPERIMENTAL LABORATORY**

**Laparoscopy**

- > NISSEN procedure
- > Roux-en-Y hepaticojejunal anastomosis
- > Gastro-jejunostomy
- > Nephrectomy
- > Cholecystectomy
- > Splenectomy
- > Small bowel anastomosis
- > Pancreatectomy

**Thoracoscopy**

- > Pericardial window
- > Esophageal resection and anastomosis
- > Lung resection
- > Diaphragmatic hernia repair

**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  
EVENING FREE

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# APRIL 29

PEDIATRIC SURGERY

7:45 am ◦ EVALUATION OF THE PREVIOUS DAY

8:00 am ◦ **THEORETICAL SESSION**

**Abdomen**

- > Hypertrophic pyloric stenosis
- > Small bowel volvulus in case of malrotation
- > Duodenal atresia
- > Anorectal malformations
- > Hirschsprung's disease

**Thorax**

- > Esophageal atresia
- > Lung resection
- > Diaphragmatic hernias
- > Morgagni-Larrey hernias

**Miscellaneous**

- > Pericardial window
- > Vascular ring abnormalities
- > Tumor and MIS, how far can we go?

1:15 pm ◦ LUNCH AT THE INSTITUTE

2:00 pm ◦ **HANDS-ON SESSION AT THE EXPERIMENTAL LABORATORY**

Same hands-on procedures as April 28

6:30 pm ◦ END OF SESSION

8:00 pm ◦ DINNER IN HONOR OF PARTICIPANTS

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# APRIL 30

PEDIATRIC SURGERY

7:45 am ◦ EVALUATION OF THE PREVIOUS DAY

8:00 am ◦ **HANDS-ON SESSION AT THE EXPERIMENTAL LABORATORY**

Same hands-on procedures as April 28

12:45 pm ◦ END OF THE COURSE  
DELIVERY OF CERTIFICATES OF ATTENDANCE

12:50 pm ◦ LUNCH-BUFFET AT THE INSTITUTE