



LAPAROSCOPY IN NEWBORNS, INFANTS AND CHILDREN

2025

PROGRAMME

DATE

**APRIL 3 - 5**

COURSE DIRECTOR

**A. Bonnard (FR)**

COURSE CO-DIRECTOR

**C. Esposito (IT)**

# "Laparoscopy in Newborns, Infants and Children"

## Advanced Course

### COURSE DIRECTOR

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Arnaud **BONNARD**

*HÔPITAL ROBERT DEBRE, Paris, France*

### COURSE CO-DIRECTOR

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Ciro **ESPOSITO**

*UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II, Naples, Italy*

### FACULTY

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Alexis **ARNAUD**

*CHU RENNES PÔLE FEMME-ENFANT, Rennes, France*

Salvatore Fabio **CHIARENZA**

*OSPEDALE CIVILE SAN BORTOLO, Vicenza, Italy*

Jorge **CORREIA-PINTO**

*UNIVERSITY OF MINHO, Braga, Portugal*

Paolo **DE COPPI** - videoconference

*GREAT ORMOND STREET HOSPITAL, London, United Kingdom*

Cindy **GOMES-FERREIRA**

*CENTRE HOSPITALIER DE Luxembourg, Luxembourg*

Miguel **GUELFAND**

*CLEVELAND CLINIC CHILDRENS HOSPITAL, Cleveland, USA*

Martin **LACHER**

*UNIVERSITÄTSKLINIKUM, Leipzig, Germany*

Anne **LEHN**

*CHU DE HAUTEPIERRE, Strasbourg, France*

Maud **LINDEBOOM**

*WILHELMINA CHILDREN'S HOSPITAL, Utrecht, The Netherlands*

Mario **MENDOZA SAGAON**

*OSPEDALE REGIONALE BELLINZONA E VALLI, Bellinzona, Switzerland*

Martin **METZELDER**

*MEDIZINISCHE UNIVERSITÄT WIEN, Vienna, Austria*

Louise **MONTALVA**

*HÔPITAL ROBERT DEBRE, Paris, France*

Dariusz **PATKOWSKI**

*WROCLAW MEDICAL UNIVERSITY, Wroclaw, Poland*

Paul **PHILIPPE**

*CENTRE HOSPITALIER DE LUXEMBOURG, Luxembourg*

Aixa **REUSMANN**

*GERMANS TRIAS I PUJOL UNIVERSITY HOSPITAL, Barcelona, Spain*

Julien **ROD** - videoconference

*CHU CAEN NORMANDIE, Caen, France*

Philip **SZAVAY** - videoconference

*KANTONSSPITAL, Luzern, Switzerland*

Isabelle **TALON**

*CHU DE HAUTEPIERRE, Strasbourg, France*

Holger **TILL**

*UNIVERSITÄTSKLINIK FÜR KINDERCHIRURGIE, Graz, Austria*

*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*

v. 26/03/2025

# Thursday, April 3 - 2025

07.45	Registration	<i>All participants</i>
08.00	Welcome to participants	<i>A. Bonnard</i>

## THEORETICAL SESSION

### ESOPHAGO-GASTRIC SURGERY *Chairmen: A. Arnaud - M. Mendoza-Sagaon - M. Guelfand*

08.05-08.15	• Laparoscopic treatment for gastroesophageal reflux	<i>F. Chiarenza</i>
08.15-08.30	• Oeso-gastric dissociation	<i>A. Bonnard</i>
08.30-08.45	• Complex antireflux surgery	<i>M. Lindeboom</i>
	Discussion	
08.55-09.10	• Achalasia	<i>J. Correia-Pinto</i>
	Discussion	

### SPLENECTOMIES

09.15-09.30	• Total splenectomy	<i>F. Chiarenza</i>
09.30-09.45	• Partial splenectomy	<i>C. Esposito</i>
	Discussion	

### BILIARY TREE *Chairmen: C. Esposito - L. Montalva*

09.50-10.05	• Cholecystectomy	<i>M. Lacher</i>
10.05-10.15	• Cholecystectomy using ICG fluorescence imaging technology	<i>C. Esposito</i>
	Discussion	
10.20-10.35	• Midgut volvulus and malrotation	<i>P. Philippe</i>
	Discussion	
10.40-10.55	• Choledochal cyst	<i>M. Guelfand</i>
	Discussion	

**11.00-11.30 BREAK**

# "Laparoscopy in Newborns, Infants and Children"

## Advanced Course

### MISCELLANEOUS

*Chairmen: J. Correia-Pinto - P. Philippe*

- 11.30-11.40 • Laparoscopy and enterocolitis *A. Bonnard*
- 11.40-11.50 • Pancreatectomy *P. De Coppi - videoconference*
- Discussion
- 11.55-12.05 • Laparoscopic inguinal hernia repair *P. Philippe*
- 12.05-12.15 • PIRS technique for inguinal hernia repair *D. Patkowski*
- 12.15-12.25 • Appendectomy - Meckel's diverticulum *M. Mendoza-Sagaon*
- 12.25-12.35 • Video-Assisted Anal Fistula Treatment VAAFT *C. Esposito*
- Discussion
- 12.40-12.55 • Digestive suture *C. Gomes-Ferreira*
- 12.55-13.10 • Endoscopic Suturing is a Challenge *D. Patkowski*

### 13.30-14.00 LUNCH AT THE INSTITUTE

## THURSDAY AFTERNOON

- 14.00 Animal anatomy and definition of procedures to be performed *A. Bonnard*

## EXPERIMENTAL LABORATORY - Practice on Live Tissue

- 14.15-18.45 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
- A. Bonnard - C. Esposito*  
*A. Arnaud - F. Chiarenza*  
*J. Correia-Pinto*  
*C. Gomes-Ferreira*  
*M. Guelfand - M. Lacher*  
*A. Lehn - M. Lindeboom*  
*M. Mendoza Sagaon*  
*M. Metzelder - L. Montalva*  
*D. Patkowski - P. Philippe*  
*A. Reusmann - H. Till*

### 18.45 END OF SESSION

Free Evening

# Friday, April 4 - 2025

07.50 Evaluation of the previous day

All participants

## THEORETICAL SESSION

### ABDOMEN

Chairmen: C. Gomez-Ferreira - H. Till - M. Lacher

- |             |  |                             |
|-------------|--|-----------------------------|
| 08.00-08.15 | • Hypertrophic pyloric stenosis        | M. Mendoza-Sagaon           |
| 08.15-08.30 | • Intussuception                       | L. Montalva                 |
| 08.30-08.45 | • Duodenal atresia                     | P. Szavay - videoconference |
| 08.45-09.00 | • Sigmoidectomy for recurrent volvulus | L. Montalva                 |
|             | Discussion                             |                             |
| 09.10-09.25 | • Anorectal malformations              | M. Lacher                   |
| 09.25-09.45 | • Hirschsprung's disease               | M. Guelfand                 |
|             | Discussion                             |                             |

### THORAX - ESOPHAGEAL ATRESIA

Chairmen: M. Lindeboom - D. Patkowski - A. Reusmann

- |             |  |                  |
|-------------|--|------------------|
| 09.55-10.15 | • Esophageal atresia: principles and technical details | A. Arnaud        |
| 10.15-10.25 | • Tips and tricks                                      | J. Correia-Pinto |
| 10.25-10.35 | • Long gap : internal traction                         | D. Patkowski     |
| 10.35-10.45 | • Long gap : external traction                         | M. Lindeboom     |
| 10.45-10.55 | • Redo   | A. Bonnard       |
|             | Discussion   |                  |

11.10-11.40 **BREAK**

### THORAX - LUNG

Chairmen: A. Bonnard - F. Chiarenza - M. Metzelder

- |             |  |              |
|-------------|--|--------------|
| 11.40-12.00 | • Lung resection: anatomical challenge | H. Till      |
| 12.00-12.15 | • Congenital diaphragmatic hernia      | A. Reusmann  |
| 12.15-12.25 | • Morgagni-Larrey hernias              | M. Metzelder |
|             | Discussion                             |              |

### ONCOLOGY

- |             |                    |                          |
|-------------|--------------------|--------------------------|
| 12.40-13.10 | • MIS and oncology | J. Rod - videoconference |
|-------------|--------------------|--------------------------|

# "Laparoscopy in Newborns, Infants and Children"

## Advanced Course

13.15-14.00 LUNCH AT THE INSTITUTE

## FRIDAY AFTERNOON

### EXPERIMENTAL LABORATORY - Practice on Live Tissue

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14.00-18.30

#### **LAPAROSCOPY**

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

#### **THORACOSCOPY**

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

*A. Bonnard  
C. Esposito  
A. Arnaud  
F. Becmeur  
F. Chiarenza  
J. Correia-Pinto  
C. Gomes-Ferreira  
M. Guelfand  
M. Lacher  
M. Lindeboom  
M. Mendoza Sagaon  
M. Metzelder  
L. Montalva  
D. Patkowski  
P. Philippe  
A. Reusmann  
I. Talon  
H. Till*

18.30 END OF SESSION

20.00 DINNER IN HONOR OF THE PARTICIPANTS

Restaurant BRASSERIE DES HARAS, 23 rue des Glacières - Strasbourg

# Saturday, April 5 - 2025

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## MORNING

07.50 Evaluation of the previous day

*All participants*

## EXPERIMENTAL LABORATORY - Practice on Live Tissue

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08.00-12.45

### **LAPAROSCOPY**

- > NISSEN procedure
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H. Till*

## COURSE CONCLUSION

12.45 End of seminar  
Delivery of the certificates of attendance

12.50-13.30 LUNCH-BUFFET AT THE INSTITUTE

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## Advanced Course

### COURSE ENDORSEMENT AND ACCREDITATION

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This course is endorsed by the International Pediatric Endosurgery Group (IPEG).



This course is endorsed by the European Society for Paediatric Urology (ESPU).



This course is endorsed by the European Paediatric Surgeons' Association (EUPSA).



This course is endorsed by the European Society of Paediatric Endoscopic Surgeons (ESPE).



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).



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**ACCREDITED EDUCATION INSTITUTES**  
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ACCREDITED EDUCATION INSTITUTE

### COURSE OBJECTIVES

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