

# PROGRAM

## ADVANCED COURSE IN PEDIATRIC SURGERY

DECEMBER 12 - 14, 2019

### CHAIRMAN

**Henrique Prata**  
Director General  
Hospital de Amor de Barretos

### PRESIDENT

**Jacques Marescaux**  
President, IRCAD  
University of Strasbourg, France

### SCIENTIFIC DIRECTOR

**Armando Melani**  
Rio de Janeiro, Brazil

### COURSE DIRECTOR

**François BECMEUR**  
Strasbourg, France

### LOCAL ORGANIZATION

**Luis Gustavo ROMAGNOLO - Rodrigo CHAVES**  
Barretos, Brazil

## OBJECTIVES

- To cover a broad spectrum of surgical procedures in pediatric surgery
- 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 the experts and the surgeon trainees
- To provide hands-on sessions to improve skills in laparoscopic surgery through practice on live tissue under experts' tutorials
- 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

## FACULTY LIST

**François BECMEUR (France)**

**Maria Marcela BAILEZ (Argentina)**

**Arnaud BONNARD (France)**

**Rodrigo CHAVES (Brazil)**

**José Carlos S. DE FRAGA (Brazil)**

**Elisangela DE MATTOS E SILVA (Brazil)**

**Miguel GUELFAND (Chile)**

**Vilani KREMER (Brazil)**

**Maximiliano MARICIC (Argentina)**

**Carlos Alberto MELO HERNANDEZ (Colombia)**

**Paul PHILIPPE (Luxembourg)**

**Aixa REUSMANN (Argentina)**

## TRAINERS

**Daniele Teixeira FERDINANDO (Brazil)**

**Adriano Luis GOMES (Brazil)**

**Francisco NICANOR A. MACEDO (Brazil)**

**Flavio PILEGGI (Brazil)**

**Wilson Elias de OLIVEIRA (Brazil)**

**Thursday, December 12 - 2019**

Faculty & Participants Shuttle Bus : Hotel - IRCAD

Registration

08.00 Welcome to participants & introduction F. Becmeur

**THEORETICAL SESSION**

Chairmen : C. Melo Hernandez - R. Chaves

**GENERAL PEDIATRIC SURGERY**

08.05-08.25	• Introduction	M.M. Bailez
08.25-08.40	• Appendectomy	M. Maricic
08.40-09.00	• Cholecystectomy	P. Philippe
09.00-09.30	• Total and partial splenectomies	F. Becmeur
	Discussion	

**ABDOMEN**

09.30-09.50	• Gastroesophageal reflux	M. Maricic
09.50-10.00	• Achalasia	A. Bonnard
10.00-10.20	• Choledocal cyst	M. Guelfand - E. De Mattos E Silva
10.20-10.35	Discussion	

**10.35-10.55 Coffee Break**

10.55-11.15	• Hirschprung's disease	P. Philippe
11.15-11.25	• Duhamel procedure: how I do it!	A. Bonnard
11.25-11.35	Discussion	

**NEONATAL SURGERY**

Chairmen : A. Bonnard - V. Kremer

11.35-11.50	• Duodenal atresia	A. Bonnard
11.50-12.05	• Malrotation & volvulus	P. Philippe - F. Becmeur
12.05-12.20	• Hypertrophic pyloric stenosis	M. Maricic
12.20-12.30	Discussion	

**VIDEO SESSION**

12.30-12.45	• Pancreatectomy	M.M. Bailez
12.45-12.50	• Wirsungo-jejunostomy	F. Becmeur
12.50-12.55	• Rectal prolapse	F. Becmeur
12.55-13.05	• Thoracoscopic lobectomy	S. De Fraga

**13.05-13.45 Lunch at the Institute**

13.45-14.00 Laboratory rules E. Belmonte

**EXPERIMENTAL LABORATORY - PRACTICE ON LIVE TISSUE**

14.00-18.00 Each surgical procedure could be performed step by step with the following didactic outlook: All faculty

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

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|---|--|
| • Nephrectomy by transperitoneal approach | • Diaphragmatic hernia repair          |
| • Calico-ureterostomy                     | • Thoracoscopy                         |
| • Pancreatectomy                          | • Pericardial window                   |
| • Splenectomy                             | • Lobectomy (lung)                     |
| • Gastro-esophageal reflux                | • Esophageal resection and anastomosis |
| • Gastrojejunostomy                       | • Simulation                           |

18.00 End of the session

Faculty & Participants Shuttle Bus : AMITS – Hotel

**Friday, December 13 - 2019**

Faculty & Participants Shuttle Bus : Hotel - IRCAD

## THEORETICAL SESSION

### THORAX

Chairmen : M. Maricic - P. Philippe

08.05-08.25	• Congenital diaphragmatic hernias CDH	A. Reusmann
08.25-08.50	• Oesophageal atresia	A. Bonnard - M. Guelfand
08.50-09.00	• Thoracoscopy : principles	F. Becmeur
09.00-09.35	• Thoracoscopy : lung resection	C. Melo Hernandez - A. Bonnard
09.35-09.45	• Pericardial window	C. Melo Hernandez
09.45-09.55	Discussion	

### UROLOGY

09.55-10.05	• Impalpable testis	F. Becmeur
10.05-10.15	• Inguinal hernias	P. Philippe

10.15-10.45 **Coffee Break**

### UROLOGY

Chairmen : A. Reusmann - M. Guelfand

10.45-11.05	• Nephrectomy (total, retro versus trans)	P. Philippe
11.05-11.25	• Pelvicureteric junction obstruction	C. Melo Hernandez
11.25-11.45	• Adrenalectomy	F. Becmeur
11.45-11.55	Discussion	

### VIDEO SESSION

Chairmen : M.M. Bailez - F. Becmeur

11.55-12.05	• Morgagni hernias	M.M. Bailez - E. De Mattos E Silva
12.05-12.15	• Pleural empyema	M. Maricic - C. Melo Hernandez
12.15-12.40	• Ovarian cysts and tumors	V. Kremer - M. Guelfand
12.40-13.00	<b>MIS in pediatric oncology</b>	R. Chaves

13.00-14.00 **Lunch at the Institute**

## EXPERIMENTAL LABORATORY - PRACTICE ON LIVE TISSUE

14.00-18.00

All faculty

- Nephrectomy by transperitoneal approach
- Calico-ureterostomy
- Pancreatectomy
- Splenectomy
- Gastro-esophageal reflux
- Gastrojejunostomy
- Diaphragmatic hernia repair
- Thoracoscopy
- Pericardial window
- Lobectomy (lung)
- Esophageal resection and anastomosis
- Simulation

18.00 End of the session

Faculty & Participants Shuttle Bus : IRCAD – Hotel

**Saturday, December 14 - 2019**

Faculty & Participants Shuttle Bus : Hotel - IRCAD

**EXPERIMENTAL LABORATORY - PRACTICE ON LIVE TISSUE**

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08.00

- Nephrectomy by transperitoneal approach
- Calico-ureterostomy
- Pancreatectomy
- Splenectomy
- Gastro-esophageal reflux
- Gastrojejunostomy
- Diaphragmatic hernia repair
- Thoracoscopy
- Pericardial window
- Lobectomy (lung)
- Esophageal resection and anastomosis
- Simulation

All faculty

11.30

End of the seminar  
Delivery of the certificates of attendance

11.45

**Lunch-Bufferet at the Institute**

12.15

Participants Shuttle Bus : IRCAD – Hotel