

PROGRAM

ASIA IRCAD - TAIWAN

ADVANCED COURSE IN LAPAROSCOPIC PEDIATRIC SURGERY COURSE

NOVEMBER 16 – 18, 2023



PRESIDENT

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COURSE DIRECTOR

F. Becmeur

Strasbourg, France


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

FACULTY


 François BECMEUR (France)

 Arnaud BONNARD (France)

 Paul Chia-Yu CHANG (Taiwan)

 Belinda DICKIE (USA)

 Yu-Wei FU (Taiwan)

 Satoshi IEIRI (Japan)

 John MEEHAN (USA)

 Paul PHILIPPE (Luxembourg)

 Chin-Hung WIE (Taiwan)

Day 1 - Thursday, November 16, 2023

07.00 am Faculty & Participant Transfer to IRCAD Taiwan

07.45 am Registration

THEORETICAL SESSION

GENERAL ABDOMINAL SURGERY

Chairmen: TBD

08.00 am Welcome to participants

08.10-08.20 Appendicitis: conventional, transumbilical laparoscopy-assisted or single incision *C.H. Wei*

08.20-08.30 Single-incision with glove port for other conditions: intussusception, Meckel diverticulum, tumor biopsy *C.H. Wei*

08.30-08.40 Cholecystectomy *P. Philippe*

08.40-08.50 Choledochal cyst *Y.W. Fu*

08.50-09.10 Total and partial splenectomy *Becmeur*

09.10-09.20 Splenectomy-single incision *J. Meehan*

DISCUSSION

09.40-09.55 Total nephrectomy *P. Philippe*

09.55-10.05 Partial nephrectomy *Y.W. Fu*

10.05-10.20 Ureteropelvic junction obstruction *Y.W. Fu*

10.20-10.25 UPJO: vascular hitch *P. Philippe*

10.25-10.40 Vesico-ureteral reflux *P. Philippe*

DISCUSSION

10.50-11.15 Coffee Break

11.15-11.30 GER repair: fundoplication and G-Tube *J. Meehan*

11.30-11.40 A laparoscopic fundoplication training simulator with a surgical skill validation system *S. Ieri*

11.40-11.50 Low esophageal banding for unusual cases *P.C.Y.Chang*

DISCUSSION

12.00-12.15 Transanal vs laparoscopy, Swenson vs Soave for hirschprung disease *B. Dickie*

12.15-12.30 Laparoscopy for colostomy and reconstruction in anorectal malformations *B. Dickie*

12.30-12.45 Laparoscopy for long common channel of cloaca, urogenital sinus and vaginal atresia *B. Dickie*

MISCELLANEOUS

13.00-13.10 Cryoconservation *F. Becmeur*

This program is subject to modification.

Day 1 - Thursday, November 16, 2023

13.10-14.00 Lunch

EXPERIMENTAL LABORATORY – Practice on Live Tissue

14.00	Each surgical procedure could be performed step by step with the following didactic outlook: <ol style="list-style-type: none">1. Ergonomics and installation2. Introduction and positioning of trocars3. Creation of working space in the abdomen, the chest, the retroperitoneum4. Instruments and energy applying systems5. Dissection6. Suturing and knotting <p>Two Groups:</p> <ul style="list-style-type: none">- Group 1: Basic skills and easy procedures- Group 2: Advanced procedures	All Faculty
18.30	End of session	

Day 2 - Friday, November 17, 2023

07.00 am Faculty & Participant Transfer to IRCAD Taiwan

THEORETICAL SESSION

	THORAX	Chairmen: TBD
08.00-08.10	Thoracoscopy: principles	F. Becmeur
08.10-08.30	Indications and technical details	J. Meehan
	DISCUSSION	
	NEONATAL SURGERY	
08.45-09.05	Esophageal atresia	A. Bonnard
09.05-09.25	Congenital diaphragmatic hernia	F. Becmeur
09.25-09.45	Laparoscopy for pyloric stenosis, malrotation and intestinal atresia	J. Meehan
09.45-10.00	Volvulus in Neonates in case of malrotation	F. Becmeur
10.00-10.15	Duodenal atresia	A. Bonnard
	DISCUSSION	
10.30-11.00	Coffee Break	

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Day 2 - Friday, November 17, 2023

TUMORS

11.00-11.15	Wilm's tumor	<i>P. Philippe</i>
11.15-11.30	Adrenal gland	<i>F. Becmeur</i>
11.30-11.40	Preoperative surgical simulation of laparoscopic adrenalectomy for neuroblastoma using a 3D printed model based on preoperative CT images	<i>S. Lein</i>

DISCUSSION

MISCELLANEOUS

11.45-12.10	Inguinal hernia repair	<i>P. Philippe</i>
12.10-12.20	Impalpable testis	<i>F. Becmeur</i>

DISCUSSION

VIDEO SESSION

12.25-12.35	Inguinal hernia repair + discussion	<i>Y.W. Fu</i>
12.25-12.35	Feasibility of single-incision laparoscopic percutaneous extra peritoneal closure for inguinal hernia by inexperienced pediatric surgeons: single incision versus multi incision randomized trial for 2 years + discussion	<i>S. Lein</i>
12.35-12.45	Video 1 to be confirmed + discussion	
12.45-12.55	Video 1 to be confirmed + discussion	
12.55-13.05	Video 1 to be confirmed + discussion	
13.05-13.15	Video 1 to be confirmed + discussion	
13.15-14.00	Lunch	

EXPERIMENTAL LABORATORY – Practice on Live Tissue

14.00		<i>All Faculty</i>
	<ol style="list-style-type: none">1. Gastro-oesophageal reflux2. Retroperitoneal approach and transperitoneal approach: Nephrectomy3. Oesophageal resection and anastomosis4. Thoracoscopy5. Partial nephrectomy6. Pyloroplasty7. Duodeno-jejunostomy8. Lich-Gregoir9. Vesicoscopy10. Patch for a diaphragmatic defect11. Lung surgery	
18.30	End of session	

This program is subject to modification.

Day 3 - Saturday, November 18, 2023

07.00 am Faculty & Participant Transfer to IRCAD Taiwan

THEORETICAL SESSION

08.00-08.30 Closing Lecture

EXPERIMENTAL LABORATORY – Practice on Live Tissue

08.30-13.00

All Faculty

1. Gastro-oesophageal reflux
2. Retroperitoneal approach and transperitoneal approach:
Nephrectomy
3. Oesophageal resection and anastomosis
4. Thoracoscopy
5. Partial nephrectomy
6. Pyloroplasty
7. Duodeno-jejunostomy
8. Lich-Gregoir
9. Vesicoscopy
10. Patch for a diaphragmatic defect
11. Lung surgery

13.05-13.45 Lunch

13.45 End of the session
Delivery of the certificates of attendances