

***MH. Huang***

*Show Chwan Memorial Hospital*

*Changhua, Taïwan*



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| ***Jacques Marescaux*** | ***Wayne HUANG*** |
| *President, IRCAD* | *Director, IRCAD-Taiwan* |
| *University of Strasbourg, France* | *Changhua, Taïwan* |



* + 1. ***Becmeur***

*Strasbourg, France*

* 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
  + Interactive theoretical and video sessions between faculty and course participants



**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)**

V. 17/02/2020

*This programme may be subject to modifications or cancellations for timing reasons*

**Thursday, October 22 - 2020**

***07.00*** **PARTICIPANTS SHUTTLE BUS :** Hotel to IRCAD Taiwan

**FACULTY SHUTTLE BUS :** Hotel to IRCAD Taiwan

***07.45*** Registration

***08.00*** Welcome to participants



**THEORETICAL SESSION**

**GENERAL ABDOMINAL SURGERY**

|  |  |  |
| --- | --- | --- |
| *08.10-08.20* |  | Appendicitis : conventional, transumbilical |
|  |  | laparoscopy-assisted or single incision |
| *08.20-08.30* |  | Single-incision with glove port for other conditions: |
|  |  | intussusception, Meckel diverticulum, tumor biopsy |

*C.H. Wei*

*C.H. Wei*

*08.30-08.40*

*08.40-08.50*

*08.50-09.10*

*09.10-09.20*

*09.40-09.55*

*09.55-10.05*

*10.05-10.20*

*10.20-10.25*

*10.25-10.40*

***10.50-11.15***

*11.15-11.30*

*11.30-11.40*

* Cholecystectomy
* Choledocal cyst
* Total and partial splenectomy
* Splenectomy-single incision Discussion
* Total nephrectomy
* Partial nephrectomy
* Ureteropelvic junction obstruction
* UPJO : vascular hitch
* Vesico-ureteral reflux Discussion



Break

* GER repair : fundoplication and G-Tube
* A laparoscopic fundoplication training simulator with a surgical skill validation system
  1. *Philippe Y.W. Fu F. Becmeur*
  2. *Meehan*

1. *Philippe Y.W. Fu Y.W. Fu*
2. *Philippe P. Philippe*



1. *Meehan S. Ieiri*

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| --- | --- | --- | --- |
| *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 |
| *12.15-12.30* |  Laparoscopy for colostomy and reconstruction in |
|  | anorectal malformations |
| *12.30-12.45* |  Laparoscopy for long common channel of cloaca, |
|  | urogenital sinus and vaginal atresia |
|  | Discussion |

|  |  |  |
| --- | --- | --- |
|  | **MISCELLANEOUS** |  |
| *13.00-13.10* |  Cryoconservation |  |
|  | Lunch |  |
| ***13.10-14.00*** |  |
|  |  |  |



* 1. *Dickie B. Dickie B. Dickie*

1. *Becmeur*



**EXPERIMENTAL LABORATORY - Practice on Live Tissue**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***14.00*** | Each surgical procedure could be performed step by step | | | | ***All Faculty*** |
|  |  |  |  |  |  |
|  | 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 | | |  |

2 groups :

* Group 1 : basic skills and easy procedures
* Group 2 : advanced procedures

***18.30*** End of the session

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**Friday, October 23 - 2020**

***07.00*** **PARTICIPANTS SHUTTLE BUS :** Hotel to IRCAD Taiwan

**FACULTY SHUTTLE BUS :** Hotel to IRCAD Taiwan



**THEORETICAL SESSION**

**THORAX**

|  |  |  |  |
| --- | --- | --- | --- |
| *08.00-08.10* |  | Thoracoscopy : principles | *F. Becmeur* |
| *08.10-08.30* |  | Indications and technical details | *A. Bonnard* |
|  | Discussion | |  |

**NEONATAL SURGERY**

|  |  |  |
| --- | --- | --- |
| *08.45-09.05* |  | Esophageal atresia |
| *09.05-09.25* |  | Congenital diaphragmatic hernia |
| *09.25-09.45* |  Laparoscopy for pyloric stenosis, malrotation and intestinal | |
|  |  | atresia |
| *09.45-10.00* |  Volvulus in Neonates in case of malrotation | |
| *10.00-10.15* |  | Duodenal atresia |
|  | Discussion | |



* 1. *Bonnard F. Becmeur J. Meehan*

1. *Becmeur A. Bonnard*

***10.30-11.00*** Break

**TUMORS**

|  |  |  |  |
| --- | --- | --- | --- |
| *11.00-11.15* |  | Wilm’s tumor | *P. Philippe* |
| *11.15-11.30* |  | Adrenal gland | *F. Becmeur* |
| *11.30-11.40* |  Preoperative surgical simulation of laparoscopic adrenalectomy | | *S. Ieiri* |
|  |  | for neuroblastoma using a 3D printed model based on |  |
|  |  | preoperative CT images |  |
|  | Discussion | |  |

**MISCELLANEOUS**

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| --- | --- | --- | --- |
| *11.45-12.10* |  | Inguinal hernia repair | *P. Philippe* |
| *12.10-12.20* |  | Impalpable testis | *F. Becmeur* |
|  | Discussion | |  |

**VIDEO SESSION**

|  |  |  |
| --- | --- | --- |
| *12.25-12.35* |  Inguinal hernia repair + discussion | *Y.W. Fu* |
| *12.25-12.35* |  Feasibility of single-incision laparoscopic percutaneous extra | *S. Ieiri* |
|  | peritoneal closure for inguinal hernia by inexperienced pediatric |  |
|  | surgeons : single incision versus multi incision randomized trial for 2 |  |
|  | years + discussion |  |
| *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 |  |
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**EXPERIMENTAL LABORATORY - Practice on Live Tissue**

|  |  |  |  |
| --- | --- | --- | --- |
| ***14.00*** | - Gastro-oesophageal reflux | ***All Faculty*** |  |
|  |  |  |
|  | - Retroperitoneal approach and transperitoneal approach : |  |  |
|  | Nephrectomy |  |  |
|  | - Oesophageal resection and anastomosis |  |  |
|  | - Thoracoscopy |  |  |
|  | - Partial nephrectomy |  |  |
|  | - Pyloroplasty |  |  |
|  | - Duodeno-jejunostomy |  |  |
|  | - Lich-Gregoir |  |  |
|  | - Vesicoscopy |  |  |
|  | - Patch for a diaphragmatic defect |  |  |
|  | - Lung surgery |  |  |
| ***18.30*** | End of the session |  |  |



**Saturday, October 24 - 2020**

***07.00*** **PARTICIPANTS SHUTTLE BUS :** Hotel to IRCAD Taiwan

**FACULTY SHUTTLE BUS :** Hotel to IRCAD Taiwan



**EXPERIMENTAL LABORATORY - Practice on Live Tissue**

|  |  |  |
| --- | --- | --- |
| *08.00-08.30* | **Closing Lecture?** | *?* |
| *08.30-13.00* | - Gastro-oesophageal reflux | ***All Faculty*** |
|  | - Retroperitoneal approach and transperitoneal approach : |  |
|  | Nephrectomy |  |
|  | - Oesophageal resection and anastomosis |  |
|  | - Thoracoscopy |  |
|  | - Partial nephrectomy |  |
|  | - Pyloroplasty |  |
|  | - Duodeno-jejunostomy |  |
|  | - Lich-Gregoir |  |
|  | - Vesicoscopy |  |
|  | - Patch for a diaphragmatic defect |  |
|  | - Lung surgery |  |
| ***13.05*** | Lunch |  |
| ***13.45*** | End of the seminar |  |
|  | Delivery of the certificates of attendance |  |

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