Advanced Course in Pediatric Surgery
“Laparoscopy in Neonates & Infants”

March 24 - 26, 2011

**Director:**
F. Becmeur  
France

**Faculty List:**
P. De Lagausie  
France
S. Geiss  
France
M. Haddad  
United Kingdom
I. Lacreuse  
France
M. Lima  
Italy
G. MacKinlay  
United Kingdom
G. Mattioli  
Italy
R. Moog  
France
A. Najmaldin  
United Kingdom
P. Philippe  
Luxembourg
O. Reinberg  
Switzerland
S. Sarnacki  
France
K. Schaarschmidt  
Germany
F. Schier  
Germany
L. Soler  
France
F. Varlet  
France
"Laparoscopy in Neonates & Infants"
Advanced Course

COURSES ENDORSEMENT AND ACCREDITATION

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

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

This course meets the guidelines established in the "SAGES Framework for Post-Residency Surgical Education and Training" and is endorsed by the Society of American Gastrointestinal Endoscopic Surgeons (SAGES).

This course is accredited by the European Association for Endoscopic Surgery.

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).

This course is accredited by the Conseils Nationaux de la Formation Médicale Continue (CNFMC) under the identification number 100117 to provide CME Credits for the following French classification “Médecins salariés non hospitaliers et médecins hospitaliers.”
“Laparoscopy in Neonates & Infants”
Advanced Course

Thursday March 24 - 2011

07.30 am Shuttle-bus HILTON Hotel - IRCAD/EITS
07.45 am Registration
08.00 am Welcome to participants F. Becmeur

THEORETICAL SESSION

ESOPHAGO-GASTRIC SURGERY

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.10-08.30</td>
<td>Introduction</td>
</tr>
<tr>
<td>08.30-09.00</td>
<td>Nissen procedure</td>
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<tr>
<td>09.00-09.15</td>
<td>Nissen Redo</td>
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<tr>
<td>09.15-09.30</td>
<td>Achalasia</td>
</tr>
<tr>
<td>09.30-09.45</td>
<td>Discussion</td>
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</table>

Chairman: O. Reinberg
A. Najmaldin
M. Haddad
G. Mackinlay
F. Schier

SPLENECTOMIES

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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</thead>
<tbody>
<tr>
<td>09.45-10.00</td>
<td>Total splenectomies</td>
</tr>
<tr>
<td>10.00-10.10</td>
<td>Partial splenectomies</td>
</tr>
<tr>
<td>10.10-10.15</td>
<td>Discussion</td>
</tr>
</tbody>
</table>

Chairman: P. De Lagausie
G. Mackinlay
F. Becmeur – P. De Lagausie

10.15-10.45 Break

EXPERIMENTAL LABORATORY - PRACTICE ON LIVE TISSUE

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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</thead>
<tbody>
<tr>
<td>10.45-10.55</td>
<td>Appendectomy</td>
</tr>
<tr>
<td>10.55-11.00</td>
<td>Discussion</td>
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<tr>
<td>11.00-11.10</td>
<td>Meckel diverticulum</td>
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<tr>
<td>11.10-11.15</td>
<td>Discussion</td>
</tr>
<tr>
<td>11.15-11.30</td>
<td>Choledocal cyst</td>
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<tr>
<td>11.30-11.35</td>
<td>Discussion</td>
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<tr>
<td>11.35-11.45</td>
<td>Intestinal duplications</td>
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<tr>
<td>11.45-11.50</td>
<td>Discussion</td>
</tr>
<tr>
<td>11.50-12.10</td>
<td>Hirschsprung’s disease</td>
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<tr>
<td>12.10-12.15</td>
<td>Discussion</td>
</tr>
<tr>
<td>12.15-12.35</td>
<td>Colonic surgery</td>
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<tr>
<td>12.35-12.40</td>
<td>Discussion</td>
</tr>
<tr>
<td>12.40-01.00</td>
<td>Inguinal hernias</td>
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<tr>
<td>01.00-01.05</td>
<td>Discussion</td>
</tr>
</tbody>
</table>

Chairman: A. Najmaldin
F. Varlet
F. Varlet
A. Najmaldin
F. Varlet
M. Haddad
G. Mattioli
P. Philippe - P. Schier

01.05 pm Lunch at the Institute

02.00-06.30 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

2 groups:
- Group 1: basic skills and easy procedures
- Group 2: advanced procedures

06.35 pm Shuttle-bus IRCAD/EITS - HILTON Hotel
Free evening
### Theoretical Session

**Chairman:** G. MacKinlay

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>08.00-08.30</td>
<td>Esophageal atresia</td>
<td>G. MacKinlay</td>
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<tr>
<td>08.30-08.45</td>
<td>TEF repair</td>
<td>G. Mattioli</td>
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<tr>
<td>08.45-09.05</td>
<td>Duodenal atresia</td>
<td>O. Reinberg</td>
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<td>09.05-09.20</td>
<td>Hypertrophic pyloric stenosis</td>
<td>M. Haddad</td>
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<td>09.20-09.35</td>
<td>Small bowel volvulus in case of malrotation</td>
<td>O. Reinberg - K. Schaarschmidt</td>
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<tr>
<td>09.35-09.55</td>
<td>Ano-rectal malformations</td>
<td>M. Lima</td>
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<td>09.55-10.00</td>
<td>Discussion</td>
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<tr>
<td>10.00-10.20</td>
<td>Break</td>
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<tr>
<td>10.20-10.40</td>
<td>Diaphragmatic hernias</td>
<td>O. Reinberg</td>
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<tr>
<td>10.40-10.50</td>
<td>Morgagni-Larrey hernias</td>
<td>M. Lima</td>
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<tr>
<td>10.50-11.05</td>
<td>Pulmonary malformations</td>
<td>P. De Lagausie</td>
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<tr>
<td>11.05-11.25</td>
<td>Tips &amp; tricks</td>
<td>P. De Lagausie</td>
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<tr>
<td>11.25-11.35</td>
<td>Thoracoscopic division of ligamentum arteriosus</td>
<td>P. Philippe</td>
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<td>11.35-11.45</td>
<td>Pericardial window</td>
<td>P. Philippe</td>
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<tr>
<td>11.45-11.55</td>
<td>Discussion</td>
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<tr>
<td>11.55-12.00</td>
<td>Thoracoscopic aortopexy for tracheomalacia</td>
<td>K. Schaarschmidt</td>
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<tr>
<td>12.00-12.05</td>
<td>Thoracoscopic closure ductus thoracicus for chronic Chylorthorax</td>
<td>K. Schaarschmidt</td>
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<tr>
<td>12.05-12.30</td>
<td>Laparoscopy in pediatric oncology</td>
<td>S. Sarnacki</td>
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<tr>
<td>12.30-12.45</td>
<td>Vascular management in cancer surgery</td>
<td>G. Mattioli</td>
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<tr>
<td>12.45-13.00</td>
<td>Nephrectomy in case of Wilm's tumor</td>
<td>F. Varlet</td>
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<tr>
<td>13.00-13.05</td>
<td>Discussion</td>
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<tr>
<td>01.05 pm</td>
<td>Lunch at the Institute</td>
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- This program may be subject to modifications -
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Advanced Course

Friday March 25 - 2011

EXPERIMENTAL LABORATORY - PRACTICE ON LIVE TISSUE

02.00-06.30  
- Gastro-esophageal reflux
- Roux-en-Y hepaticojejunual anastomosis
- Duodeno-duodenal anastomosis
- Nephrectomy by transperitoneal and retroperitoneal approach
- Cholecystectomy
- Splenectomy
- Small bowel anastomosis
- Diaphragmatic hernia repair
- Thoracoscopy
- Pericardial window
- Esophageal resection and anastomosis

06.35 pm  Shuttle-bus IRCAD/EITS - HILTON Hotel
08.00 pm  Shuttle-bus HILTON Hotel - Restaurant
08.30 pm  Dinner at the restaurant “La Maison des Tanneurs”
rue du Bain-aux-Plantes in Strasbourg
10.30 pm  Shuttle-bus Restaurant - HILTON Hotel

Saturday March 26 - 2011

07.30 am  Shuttle-bus HILTON Hotel - IRCAD/EITS

EXPERIMENTAL LABORATORY - PRACTICE ON LIVE TISSUE

08.00-12.15  
- Gastro-esophageal reflux
- Roux-en-Y hepaticojejunual anastomosis
- Duodeno-duodenal anastomosis
- Nephrectomy by transperitoneal and retroperitoneal approach
- Cholecystectomy
- Splenectomy
- Small bowel anastomosis
- Diaphragmatic hernia repair
- Thoracoscopy
- Pericardial window
- Esophageal resection and anastomosis

12.30 pm  VIRTUAL REALITY IN PEDIATRIC SURGERY
L. Soler

01.15 pm  COURSE CONCLUSION
F. Becmeur
End of the seminar
Delivery of the certificates of attendance

01.20 pm  Lunch-Buffet at the Institute
02.00 pm  Shuttle-bus IRCAD/EITS - HILTON Hotel