OBJECTIVES

➢ To cover a broad spectrum of surgical procedures in hepatic surgery
➢ To provide indications for surgical treatment and discuss operative complications
➢ To provide introduction of laparoscopic biliary and liver resection
➢ To highlight technicalities of surgical interventions through the broadcasting of videos
➢ To allow discussion between the experts and the surgeon trainees
➢ To provide hand on session improve skills in laparoscopic biliary, liver and pancreatic surgery through the practice on pig models under expert tutorials

EDUCATIONAL METHODS

➢ Interactive theoretical and video sessions between faculty and course participants
➢ Live and pre-recorded operative demonstrations

FACULTY LIST

ARAUJO Raphael (Brazil)
HERMAN Paulo (Brazil)
SCATTON Olivier (France)

ASBUN Horacio (USA)
GIULIANOTTI Pier Cristofero (USA)
SOLER Luc (France)

CONRAD Claudio (USA)
MADUREIRA Fernando (Brazil)
TINOCO Augusto (Brazil)

DALLEMAGNE Bernard (France)
MARESCAUX Jacques (France)
TORRES DE OLIVEIRA Antonio Talvane (Brazil)

DE RESENDE Alexandre (Brazil)
PEREIRA Lucio (Brazil)
WAKABAYASHI Go (Japan)

GIMENEZ Mariano (Argentina)
PESSAUX Patrick (France)

TRAINERS

AMARAL Paulo
BURGARDT Diego
CIONGOLI Jose
COELHO Joao
CUNHA Marcelo

ENNE Marcelo
ZANELLA Eduardo
SANHUEZA Marcel
MADUREIRA Fabio
MONTEIRO José Julio

ORTEGA Felix
PINTO Rinaldo
POGGI Luis
SANCHES Marcelo
SANCHES CLARIA Rodrigo

TERRA Juverson
TORRES Orlando
WAETCHER Fabio
WELLINGTON Andraus

- This program may be subject to modifications -
Monday, November 09th - 2020

Participants Shuttle Bus : Hotel - AMITS
Faculty Shuttle Bus : Hotel - AMITS

07.45 Registration
08.00 Welcome to participants - Introduction of faculty members

LIVE or PRE-RECORDED OPERATIVE DEMONSTRATION
Chairmen : P. Herman - R. Araujo

08.20-09.20 Single Port laparoscopic cholecystectomy
F. Madureira

THEORETICAL SESSION – BILIARY SURGERY

08.00-08.20 Anatomical abnormalities of biliary tract
P. Pessaux
09.20-09.50 Minimizing laparoscopic cholecystectomy
B. Dallemagne (videoconference)
09.50-10.15 Basic rules and how to prevent bile duct injury during laparoscopic cholecystectomy
B. Dallemagne (videoconference)
10.15-10.45 Break
10.45-11.15 Laparoscopic management of common bile duct stones
A. Tinoco
11.15-11.45 Management of bile duct injuries
A. De Resende
11.45-12.05 Percutaneous management of bile duct injuries
M. Gimenez
12.05-12.25 Management of incidental gallbladder carcinoma
P. Pessaux
12.25-12.45 Laparoscopic management of gallbladder cancer : a stepwise approach
P. Pessaux
12.45-13.00 Discussion

13.00-13.45 Lunch

13.45 Description of aims & methods of the hands-on session
Laboratory rules
E. Belmonte - R. Araujo

EXPERIMENTAL LABORATORY - Practice on Live Tissue

14.00 Laparoscopic hepatic pedicle dissection
T-tube placement
Laparoscopic partial heptectomy
Laparoscopic left lateral sectionectomy
Hepatico-jejunal anastomosis
Single port cholecystectomy

18.00 End of the session

Participants Shuttle Bus : IRCAD – Hotel
Faculty Shuttle Bus : IRCAD – Hotel

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THEORETICAL SESSION – HEPATIC SURGERY

Chairmen: G. Wakabayashi - O. Scatton

08.00-08.20 Liver surgical anatomy
   R. Araujo

08.20-08.35 Liver pedicle control: open and laparoscopic
   P. Herman

LIVE or PRE-RECORDED OPERATIVE DEMONSTRATIONS

08.35-11.30 LIVE case “Left lateral sectionectomy”
   C. Conrad

   LIVE case “Right heptectomy”
   A. De Resende

11.30-12.00 Break

PRE-RECORDED OPERATIVE DEMONSTRATIONS

12.00-12.20 Total laparoscopic posterior sectionectomy
   C. Conrad

12.20-12.40 Laparoscopic left hemi-hepatectomy
   G. Wakabayashi

12.40-13.00 Laparoscopic right hemi-hepatectomy
   P. Herman

13.00-13.15 Discussion

13.15-14.00 Lunch

EXPERIMENTAL LABORATORY - Practice on Live Tissue

14.00
- Laparoscopic hepatic pedicle dissection
- T-Tube placement
- Laparoscopic partial heptectomy
- Laparoscopic left lateral sectionectomy
- Hepatico-jejunal anastomosis
- Single port cholecystectomy

All Faculty

18.00 End of the session

Participants Shuttle Bus: IRCAD – Hotel
Faculty Shuttle Bus: IRCAD – Hotel

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Wednesday, November 11th - 2020

Participants Shuttle Bus : Hotel – IRCAD
Faculty Shuttle Bus : Hotel – IRCAD

THEORETICAL SESSION – HEPATIC SURGERY
Chairmen : R. Araujo - P. Herman - G. Wakabayashi

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tr>
<td>08.00-08.20</td>
<td>Next step in MIS : Image-guided approach</td>
<td>J. Marescaux</td>
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<tr>
<td>08.20-08.35</td>
<td>Basic principles in laparoscopic hepatobiliary : position of trocars - position of patient</td>
<td>O. Scatton</td>
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<td>08.35-08.50</td>
<td>Techniques in liver parenchyma transection</td>
<td>R. Araujo</td>
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<td>08.50-09.05</td>
<td>Safe stepwise learning curve for right hepatectomy</td>
<td>O. Scatton</td>
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<td>09.05-09.25</td>
<td>Laparoscopic hemi-right hepatectomy in living donors</td>
<td>O. Scatton</td>
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<td>09.25-09.40</td>
<td>Total laparoscopic liver resection for hepatocellular carcinoma located in all segments of the liver</td>
<td>G. Wakabayashi</td>
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<td>09.40-10.00</td>
<td>State of the Art in radiofrequency, micro-wave, and cryoablation</td>
<td>M. Gimenez</td>
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10.00-10.15 Break

10.15-10.30 Management of perioperative complication : bleeding and bile leak | A. De Resende
10.30-11.30 Clinical cases | P. Pessaux L. Soler (videoconference)

PRE-RECORDED LIVE OPERATIVE DEMONSTRATION

11.30-13.00 Distal pancreatectomy | L. Pereira
13.00-14.00 Lunch

THEORETICAL SESSION – PANCREATIC SURGERY
Chairmen : P. Pessaux - A. Resende

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<tr>
<td>14.00-14.20</td>
<td>Minimally invasive palliative treatment of unresectable biliopancreatic cancer</td>
<td>M. Gimenez</td>
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<tr>
<td>14.20-14.50</td>
<td>Robotics &amp; hepatobiliary and pancreatic surgery</td>
<td>P.C. Giulianotti</td>
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<td>14.50-15.10</td>
<td>Laparoscopic pancreatico-duodenectomy</td>
<td>H. Asbun (videoconference)</td>
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<td>15.10-15.30</td>
<td>Management of peroperative complications during laparoscopic pancreatectomy</td>
<td>H. Asbun (videoconference)</td>
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<tr>
<td>15.30-15.50</td>
<td>Basic principles in laparoscopic pancreatectomy</td>
<td>P. Pessaux</td>
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<td>15.50-16.20</td>
<td>Laparoscopic pancreatic enucleation</td>
<td>C. Conrad</td>
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<td>16.20-16.50</td>
<td>Distal laparoscopic pancreatectomy</td>
<td>C. Conrad</td>
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<td>16.50</td>
<td>Discussion and symposium conclusion</td>
<td>All faculty</td>
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<td>17.00</td>
<td>End of the course</td>
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