

PROGRAM

INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

MARCH 4 – 8, 2019

ASIA IRCAD - TAIWAN



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OBJECTIVES

- To provide the basic knowledge required for clinical applications
- To describe all the basic principles (instruments, materials, equipments) and present the most used basic laparoscopic techniques
- Hands-on training sessions to learn or improve performance of basic technical tasks in laparoscopic surgery such as intra-corporeal suturing and knots tying techniques, two-hands co-ordination for dissection, safe use of energy in laparoscopy
- To describe results and potential complications of laparoscopic procedures

EDUCATIONAL METHODS

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

FACULTY

Tzu-Liang CHEN (Taiwan)

Jon Paolo CHUA (Philippines)

Bernard DALLEMAGNE (France)

Antonio D'URSO (France) - *videoconference*

Jian-Wie HUANG (Taiwan)

Wayne HUANG (Taiwan)

Sang-Woong LEE (Japan)

Wei-Chieh LEE (Taiwan)

Yueh-Tsung LEE (Taiwan)

Chung-Wei LIN (Taiwan)

Jacques MARESCAUX (France)

Paolo MICCOLI (Italy)

Didier MUTTER (France) - *videoconference*

Raymund ONG (Philippines)

Jing-Jim OU (Taiwan)

Setthasiri PANTANAKUL (Philippines)

Silvana PERRETTA (Italy)

Wen-Lung SU (Taiwan)

Chung-Ngai TANG (Hong Kong) - *videoconference*

Hon Phin WONG (Taiwan)

Jungle WU (Taiwan)

V. 30/01/2019

MONDAY, MARCH 4 - 2019

- 07.30 **FACULTY SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan
 07.45 **PARTICIPANTS SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan
 08.45 Registration
 09.00 Welcome to participants J. Marescaux - H.S. Wu

DIDACTIC SESSION

- 09.05 **Laparoscopic Operating Room** B. Dallemagne
- Organization and equipment : laparoscopes, cameras, insufflators, instruments ...
 - Surgical energy : principles and instruments
- Basic Principles of Laparoscopic Surgery** B. Dallemagne
- Trocars and methods of access
 - Exposure, retraction, dissection and haemostasis
- 11.00 **BREAK**
- 11.30 **Laparoscopic suturing and stapling** W. Huang
- 12.15 **Acute Abdomen** D. Mutter (videoconference from Strasbourg)
- Laparoscopy in peritonitis
 - Appendicitis
 - Gastric perforation
- 13.00 **LUNCH**
- 13.40 Visit of the Show Chwan Memorial Hospital

EXPERIMENTAL LABORATORY - Hands' on session on Live Tissues

- 14.00 Pre-lab session : description of the lab rules, anatomy of the animal and surgical procedures
- 14.15 **DAY 1** **All faculty**
- Group A : Laparoscopic suture training**
- ❖ 14.15-15.00 in auditorium : basics and demo
 - ❖ 15.00-18.30 in experimental lab :
 - Evaluation of skills
 - Pelvic trainers : dry boxes and ex-vivo tissues
- Group B : Training on Live Tissue in experimental lab**
- ❖ Basic principles : insufflation - positioning of trocars
 - ❖ Exposure, dissection, stapling, stitches, sutures and knots
 - ❖ Small bowel resection and anastomoses
 - ❖ Gastrojejunostomy
 - ❖ Cholecystectomy
- 18.30 End of the session

TUESDAY, MARCH 5 - 2019

- 06.30 **FACULTY SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan
 06.45 **PARTICIPANTS SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan

LIVE SURGERY

08.00 LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS

Inguinal Hernia Repair

- Trans Abdominal Pre Peritoneal (TAPP) technique
- Totally Extra Peritoneal (TEP) technique

J. Wu
B. Dallemagne

Laparoscopic Biliary Surgery

- Fluorescence guided Laparoscopic Cholecystectomy

W. Huang

10.00 BREAK

DIDACTIC SESSION

10.30 Inguinal Hernia Repair

- Role of laparoscopy in specific clinical conditions: recurrent hernia, strangulated hernia...

B. Dallemagne

11.00 Laparoscopic Biliary Surgery

- **Cholecystectomy**
 - Basic principles and techniques in common and complex situations
 - Acute cholecystitis and ICG guidance
- **Common Bile Duct stones**
 - Current role of surgery
 - Technique of choledochotomy and transcystic approaches

B. Dallemagne

H.P. Wong

R. Ong

12.30 Incisional and Ventral Hernia

- Basic and advanced techniques : mesh repair, suture repair, component separation repair ...

A. d'Urso
(videoconference from Strasbourg)

13.00 LUNCH

EXPERIMENTAL LABORATORY - Hands' on session on Live Tissues

14.00 Pre-lab session : description of the surgical procedures

14.15 DAY 2

All faculty

- ❖ Inguinal hernia repair (TAPP)
- ❖ Stapled gastro-jejunostomy
- ❖ Dissection of the common bile duct and liver pedicle
- ❖ T-tube insertion – CBD suturing
- ❖ Cholecystectomy

18.30 End of the session

WEDNESDAY, MARCH 6 - 2019

- 07.00 **FACULTY SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan
07.15 **PARTICIPANTS SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan

DIDACTIC SESSION

- 08:30 **Next Step in Minimally Invasive Surgery : Image-guided approach** *J. Marescaux*
- 09.00 **Endocrine Surgery** *P. Miccoli*
- ***Thyroid and parathyroid glands*** : from mini-incisions to transoral and robotic approaches
- 10.00 **BREAK**
- 10.30 **Bariatric and metabolic surgery**
Techniques and outcomes *W.J. Lee*
- 12.00 **Pancreatic surgery for NET's** *B. Dallemagne*
- 13.00 **LUNCH**

EXPERIMENTAL LABORATORY - Hands' on session on Live Tissues

- 14.00 Pre-lab session : description of the surgical procedures
- 14.15 **DAY 3** ***All faculty***
- ❖ Roux-en-Y gastric bypass
 - ❖ Splenectomy
 - ❖ Choledocojejunostomy / Roux in Y
 - ❖ Dissection of the hepatic pedicle
- 18.30 End of the session
- 18.35 **FACULTY & PARTICIPANTS SHUTTLE BUS** : IRCAD Taiwan - Restaurant
- 19.00 **CONGRESS BANQUET**
- 21.30 **FACULTY SHUTTLE BUS** : Restaurant - Hotel
- 21.30 **PARTICIPANTS SHUTTLE BUS** : Restaurant - Hotel

THURSDAY, MARCH 7 - 2019

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

07.15 **PARTICIPANTS SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan

LIVE SURGERY

08.30 • **LIVE OPERATIVE DEMONSTRATION** *C.N. Tang*
(LIVE from Hong Kong)
"Robotic case to be confirmed"

DIDACTIC SESSION

09.45-10.30 **Laparoscopic Hepatic Surgery**: a stepwise approach *C.W. Lin*

10.30-11.00 **BREAK**

11.00 **Esophago-Gastric Surgery** *B. Dallemagne*
Y.T. Lee

- Para Esophageal Hernia and GERD
- Laparoscopic surgery for gastric submucosal tumor
- Gastrectomy : tips and tricks *B. Dallemagne*
S.W. Lee
 - Benign diseases: GIST-Peptic Ulcer disease...
 - Cancer
 - Techniques of lymphadenectomy
 - Distal gastrectomy
 - Total gastrectomy

13.15 **LUNCH**

EXPERIMENTAL LABORATORY - Hands' on session on Live Tissues

14.00 Pre-lab session : description of the surgical procedures

14.15 **DAY 4** **All faculty**

- ❖ Hiatal hernia repair and fundoplication
- ❖ Partial – total gastrectomy
- ❖ Dissection of the common bile duct and liver pedicle
- ❖ Liver resection

18.30 End of the session

FRIDAY, MARCH 8 - 2019

- 07.00 **FACULTY SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan
 07.15 **PARTICIPANTS SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan

LIVE SURGERY

- 08.30 **Colorectal surgery**
 • LIVE OPERATIVE DEMONSTRATION from Taiwan
 “case to be confirmed” T.Z. Chen

10.30-11.00 **BREAK**

DIDACTIC SESSION

- Colorectal Surgery**
- 11.00-12.00 • Basic principles of laparoscopic right and left colectomy J.J. Ou
 • TME for rectal cancer T.Z. Chen
 • Transanal approach : TEM and TME T.Z. Chen
 • EBM : role of laparoscopy in colorectal surgery J.J. Ou
- 12.00-12.30 • How to prevent and manage complications D. Mutter
(videoconference from Strasbourg)
- 12.30-13.30 **Proficiency Test** (for surgeons applying for Strasbourg University Diploma) B. Dallemagne
 Multiple choice questions Library room
- 13.30 **LUNCH**

DIDACTIC SESSION

- 14.15-14.45 **Esophago-Gastric Surgery** S. Perretta
 • Achalasia: new trends
- 14.45-15.30 **Expanding role of Flexible Endoscopy in GI Surgery** S. Perretta
- 15.30-16.00 **Wrap up session** B. Dallemagne
 Interactive session with response system
- 16.15 End of the seminar
 Delivery of the certificates of attendance