

PROGRAM

INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

OCTOBER 23 - 27, 2023

ASIA IRCAD - TAIWAN



CHAIRMAN

MH. Huang

Show Chwan Memorial Hospital
Changhua, Taiwan



PRESIDENT

Jacques Marescaux

President, IRCAD
University of Strasbourg, France

DIRECTOR

Wayne Huang

Show Chwan Memorial Hospital
Changhua, Taiwan

DIRECTOR

Hung-Sheng Wu

Show Chwan Memorial Hospital
Changhua, Taiwan

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

Shu-Hung CHUANG (Taiwan)

Bernard DALLEMAGNE (France)

Antonio D'URSO (France) - *videoconference*

Wayne HUANG (Taiwan)

Tao-Wei KE (Taiwan)

Wei-Jei LEE (Taiwan)

Sang-Woong LEE (Japan)

Yueh-Tsung LEE (Taiwan)

Chung-Wei LIN (Taiwan)

Michael LIN (Taiwan)

Jacques MARESCAUX (France)

Miguel MENDOZA (Philippines)

Paolo MICCOLI (Italy)

Didier MUTTER (France) - *videoconference*

Jing-Jim OU (Taiwan)

Silvana PERRETTA (Italy)

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

Hon Phin WONG (Taiwan)

Jungle WU (Taiwan)

TABLE INSTRUCTORS

Kengo HAYASHI (Japan)

Ajjana Techagumpuch (Thailand)

Juvie VILLAFLORES (Philippines)

V.21/06/2019

MONDAY, October 23 - 2023

- 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 - W. Huang*

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, October 24 - 2023

- 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 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

M. Lin

10.30 BREAK

DIDACTIC SESSION

11.00 Laparoscopic Biliary Surgery

- **Cholecystectomy**
 - Basic principles and techniques in common and complex situations
 - Achieving the critical view of safety in laparoscopic cholecystectomy
 - Acute cholecystitis and ICG guidance
- **Common Bile Duct stones**
 - Current role of surgery
 - Technique of choledochotomy and transcystic approaches

B. Dallemagne

M. Mendoza

H.P. Wong

S.H. Chuang

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, October 25 - 2023

- 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** *W.J. Lee*
Techniques and outcomes
- 11.30 **Pancreatic surgery for NET's** *B. Dallemagne*
- 12.15 **Splenic Surgery** ?
- 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

THURSDAY, October 26 - 2023

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

DIDACTIC SESSION

- 08.30-09.15 **Laparoscopic Hepatic Surgery**: a stepwise approach C.W. Lin

LIVE SURGERY

- 09.15 • **LIVE OPERATIVE DEMONSTRATION** C.N. Tang
 "Robotic partial hepatectomy" (LIVE from Hong Kong)

10.30-11.00 **BREAK**

DIDACTIC SESSION

- 11.00 **Esophago-Gastric Surgery**
- Laparoscopic surgery for gastric submucosal tumor Y.T. Lee
 - Gastrectomy : tips and tricks B. Dallemagne
 - Benign diseases: GIST-Peptic Ulcer disease...
 - Radical gastrectomy for cancer S.W. Lee
 - Total gastrectomy
 - Partial 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
- 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

FRIDAY, October 27- 2023

- 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** *J.J. Ou (LIVE from Taiwan)*
"Laparoscopic TME"

10.30-11.00 **BREAK**

DIDACTIC SESSION

- 11.00-12.30 **Colorectal Surgery**
• Basic principles of laparoscopic right and left colectomy *J.J. Ou*
• TME for rectal cancer *T.W. Ke*
• EBM : role of laparoscopy in colorectal surgery

- 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

- 14.15-15.15 **Esophago-Gastric Surgery**
• Achalasia: new trends *S. Perretta*
• Para Esophageal Hernia and GERD *B. Dallemagne*

- 15.15-16.00 **Expanding role of Flexible Endoscopy in GI Surgery** *S. Perretta*

- 16.15 End of the seminar
Delivery of the certificates of attendance