

PROGRAM

INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

OCTOBER 12-16, 2020

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

William Tzu-Liang CHEN (Taiwan)

Shu-Hung CHUANG (Taiwan)

Bernard DALLEMAGNE (France)

Antonio D'URSO (France) - videoconference

Wayne HUANG (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)

Jing-Jim OU (Taiwan)

Hon Phin WONG (Taiwan)

Jungle WU (Taiwan)

V. 11/01/2019

MONDAY , OCTOBER 12TH - 2020

- 07.45 **FACULTY SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan
- 07.30 **PARTICIPANTS SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan
- 08.45 Registration
- 09.00 Welcome to participants W. Huang

DIDACTIC SESSION

- 09.05 **Laparoscopic Operating Room** B. Dallemagne
- Organization and equipment : laparoscopes, cameras, insufflators, instruments ...
 - Surgical energy : principles and instruments
- 10.30 **BREAK**
- 11.00 **Basic Principles of Laparoscopic Surgery** B. Dallemagne
- Trocars and methods of access
 - Physiology of the pneumoperitoneum
- Tissue approximation - hemostasis** W. Huang
- 11.30
- Laparoscopic suturing and knotting methods
 - Principles of mechanical stapling
- 12.15 **Emergencies:appendicitis** B. Dallemagne
- Modern management of appendicitis:open-laparoscopic or conservative
 - Laparoscopic appendectomy
- 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 13TH - 2020

- 07.15 **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

*W. Huang
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
 - Acute cholecystitis and ICG guidance
 - Achieving the critical view of safety in laparoscopic cholecystectomy
- **Common Bile Duct stones**
 - Current role of surgery
 - Technique of choledochotomy and transcystic approaches

B. Dallemagne

*H.P. Wong
M. Mendoza*

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

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

All faculty

18.30 End of the session

WEDNESDAY, OCTOBER 14TH - 2020

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

DIDACTIC SESSION

- 08.30 **Endocrine Surgery** *P. Miccoli*
 • ***Thyroid and parathyroid glands*** : from mini-incisions to transoral and robotic approaches
- 09.30 **Bariatric and metabolic surgery** *W.J. Lee*
 Techniques and outcomes
- 10.30 **BREAK**
- 11.00 **Pancreatic surgery for NET's** *B. Dallemagne*
- 11.45 **Laparoscopic Hepatic Surgery**: a stepwise approach *C.W. Lin*
- 12.30 **Imaging, Robotics and Artificial Intelligence : the 3 weapons of choice to achieve a smart surgery** *J. Marescaux*
(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 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, OCTOBER 15TH - 2020

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

LIVE SURGERY

- 08.30 **Esophago-Gastric Surgery** S.W. Lee
• **PRE-RECORDED OPERATIVE DEMONSTRATION**
"Radical subtotal gastrectomy"

10.00-10.30 **BREAK**

DIDACTIC SESSION

- 10.30-12.00 **Esophago-Gastric Surgery** B. Dallemagne
• Para esophageal hernia and GERD
- Gastrectomy for cancer** S.W. Lee
• Techniques of anastomoses after gastrectomy
• Management of gastroesophageal junction cancers
- 12.00-13.00 **Esophago-Gastric Surgery** Y.T. Lee
• Acute abdomen : gastric perforation
• Laparoscopic surgery for gastric submucosal tumor
- 13.00-13.20 **Splenic Surgery** M. Lin
- 13.20 **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, OCTOBER 16TH - 2020

07.15 **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**
"Laparoscopic right hemicolectomy"

W. Chen
(LIVE from Taiwan)

10.30-11.00 **BREAK**

DIDACTIC SESSION

11.00-12.30 **Colorectal Surgery**

J.J. Ou – W. Chen

- Basic principles of laparoscopic colorectal surgery : patient preparation- OR setup
- Right colectomy : anatomy based resection
- Sigmoidectomy : anatomy based resection
- TME for rectal cancer

12.30-13.30 **Proficiency Test** (for surgeons applying for Strasbourg University Diploma)
Multiple choice questions

B. Dallemagne
Library room

13.30 **LUNCH**

DIDACTIC SESSION

14.30-15.30 **Expanding role of Flexible Endoscopy in GI Surgery**

B. Dallemagne

End of the seminar
Delivery of the certificates of attendance