

PROGRAM

INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

OCTOBER 1-5, 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)

Shu-Hung CHUANG (Taiwan)

Bernard DALLEMAGNE (France)

Antonio D'URSO (France) - videoconference

Wayne HUANG (Taiwan)

Woo-Jin HYUNG (Korea) - videoconference

Wei-Jei LEE (Taiwan)

Sang-Woong LEE (Japan)

Yueh-Tsung LEE (Taiwan)

Chung-Wei LIN (Taiwan)

Michael LIN (Taiwan)

Jacques MARESCAUX (France)

Paolo MICCOLI (Italy)

Jing-Jim OU (Taiwan)

Hon Phin WONG (Taiwan)

Jungle WU (Taiwan)

TABLE INSTRUCTORS

TUESDAY , OCTOBER 1 - 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	<i>J. Marescaux - W. Huang</i>

DIDACTIC SESSION

09.05	<u>Laparoscopic Operating Room</u> <ul style="list-style-type: none"> • Organization and equipment : laparoscopes, cameras, insufflators, instruments ... • Surgical energy : principles and instruments 	<i>B. Dallemagne</i>
	<u>Basic Principles of Laparoscopic Surgery</u> <ul style="list-style-type: none"> • Trocars and methods of access • Exposure, retraction, dissection and haemostasis 	<i>B. Dallemagne</i>
11.00	BREAK	
11.30	<u>Laparoscopic suturing and stapling</u>	<i>W. Huang</i>
12.15	<u>Acute Abdomen</u> <ul style="list-style-type: none"> • 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	<u>DAY 1</u> <u>Group A : Laparoscopic suture training</u> <ul style="list-style-type: none"> ❖ 14.15-15.00 in auditorium : basics and demo ❖ 15.00-18.30 in experimental lab : <ul style="list-style-type: none"> - Evaluation of skills - Pelvic trainers : dry boxes and ex-vivo tissues 	<i><u>All faculty</u></i>
	<u>Group B : Training on Live Tissue in experimental lab</u> <ul style="list-style-type: none"> ❖ 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	

WEDNESDAY, OCTOBER 2 - 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 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
 - Acute cholecystitis and ICG guidance
- **Common Bile Duct stones**
 - Current role of surgery
 - Technique of choledochotomy and transcystic approaches

B. Dallemagne

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

THURSDAY, OCTOBER 3 - 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** **W.J. Lee**
 Techniques and outcomes

11.30 **Pancreatic surgery for NET's** **B. Dallemagne**

12.15 **Splenic Surgery** **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 3** **All faculty**
 ❖ Roux-en-Y gastric bypass
 ❖ Splenectomy
 ❖ Choledocojejunostomy / Roux in Y
 ❖ Dissection of the hepatic pedicle

18.30 End of the session

FRIDAY, OCTOBER 4 - 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 **Esophago-Gastric Surgery** **W.J. Hyung**
(LIVE from Seoul)
- **LIVE OPERATIVE DEMONSTRATION**
 "Gastrectomy for Cancer"

09.45-10.15 **BREAK**

DIDACTIC SESSION

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

12.45-13.15 **Laparoscopic Hepatic Surgery**: a stepwise approach **C.W. Lin**

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

SATURDAY, OCTOBER 5 - 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**
 "case to be confirmed"

T.Z. Chen
 (LIVE from Taiwan)

10.30-11.00 **BREAK**

DIDACTIC SESSION

- 11.00-12.30 **Colorectal Surgery**
- Basic principles of laparoscopic right and left colectomy
 - TME for rectal cancer
 - EBM : role of laparoscopy in colorectal surgery

J.J. Ou
T.Z. Chen

- 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

- 14.15-15.15 **Esophago-Gastric Surgery**
- Achalasia: new trends
 - Para Esophageal Hernia and GERD

B. Dallemagne

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

B. Dallemagne

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