

PROGRAM

INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

OCTOBER 16-20, 2022
ASIA IRCAD - TAIWAN



CHAIRMAN



黃明和 Min-Ho Huang
Show Chwan Memorial Hospital
Changhua, Taiwan

PRESIDENT

Jacques Marescaux

President, IRCAD

University of Strasbourg, France

DEAN

黃士維 Wayne HUANG

Show Chwan Memorial
Hospital

Changhua, Taiwan

COURSE DIRECTOR

Bernard DALLEMAGNE

IRCAD

University of Strasbourg, France

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

- | | |
|--|--|
| ✚ Jacques MARESCAUX (France) | ✚ Raymund ONG (Philippines)
(videoconference) |
| ✚ Paolo MICCOLI (Italy) | ✚ 李威傑 Wei-Jei LEE (Taiwan) |
| ✚ Bernard DALLEMAGNE (France) | ✚ 陳自諒 William Tzu-Liang CHEN (Taiwan) |
| ✚ Silvana PERRETTA (Italy) - videoconference | ✚ 陳國鏗 Kuo-Hsin CHEN (Taiwan) |
| ✚ Antonio D'URSO (France) - videoconference | ✚ Yueh-Tsung LEE (Taiwan) |
| ✚ Sang-Woong LEE (Japan) | ✚ Michael LIN (Taiwan) |
| ✚ Hiroshi HIRUKAWA (Japan) -
videoconference | ✚ Jing-Jim OU (Taiwan) |
| ✚ Hyuk-Joon Lee (South Korea)
(videoconference) | ✚ 林忠葦 Charles Chung-Wei LIN (Taiwan) |
| ✚ Miguel MENDOZA (Philippines) | |

TABLE INSTRUCTORS

- | | |
|-----------------------------------|----------------------------------|
| ✚ Billy James UY (Philippines) | ✚ 蔡元耀 Yuan-Yao TSAI (Taiwan) |
| ✚ Rouel M. AZORES (Philippines) | ✚ 趙頌慈 Chong-Chi CHIU (Taiwan) |
| ✚ Ian WONG (Hong Kong) | ✚ Khaa-Hoo ONG (Taiwan) |
| ✚ Hon Chi YIP (Hong Kong) | ✚ 莊樹宏 Shu-Hung CHUANG (Taiwan) |
| ✚ Komol CHAIVANIJCHAYA (Thailand) | ✚ 許耀仁 Yao-Jen HSU (Taiwan) |
| ✚ Yi-Ling Lai (Taiwan) | ✚ 邱顯傑 Hsien-Chieh CHIU (Taiwan) |
| ✚ 蔡紫蓉 Tzu-Jung TSAI (Taiwan) | ✚ 黃漢斌 Hon Phin WONG (Malaysia) |
| ✚ 彭仲毅 Jhong-I PENG (Taiwan) | ✚ 蘇峻民 Jimmy Chun-Min SU (Taiwan) |
| ✚ 謝慶隆 Ching-Lung HSIEH (Taiwan) | ✚ 杜奕成 Yih-Cherng DUH (Taiwan) |
| ✚ 羅文鍵 Wen-Jian LUO (Taiwan) | |
| ✚ Te-Hong CHEN (Taiwan) | |

SUNDAY , OCTOBER 16 - 2022

FACULTY SHUTTLE BUS : Hotel Taichung to IRCAD Taiwan

PARTICIPANTS SHUTTLE BUS : Hotel Taichung to IRCAD Taiwan

08.45 Registration

09.00 Welcome to participants

W. Huang

DIDACTIC SESSION

09.05-10.15 **EQUIPMENT**

B. Dallemagne

- Organization and equipment : laparoscopes, cameras, insufflators, instruments ...
- Surgical energy : principles and devices

10.15 **BREAK**

10.45-11.45 **BASIC PRINCIPLES OF LAPAROSCOPIC SURGERY**

S. Perretta

- Operating room setup
- Methods of access to the peritoneal cavity
- Trocars characteristics - risks - safe manipulation

TISSUE APPROXIMATION

W. Huang

11.45-12.15

- Laparoscopic suturing and knotting methods
- Principles of mechanical stapling

12.15-13.00 **LAPAROSCOPIC SURGERY IN ABDOMINAL EMERGENCY**

R. Ong

- **EMERGENCY: APPENDICITIS**
 - Modern management of acute appendicitis : surgery vs conservative therapy
 - Technique of laparoscopic appendectomy
- **EMERGENCY: GASTRIC PERFORATION**
 - Open, laparoscopic or conservative management?
 - Laparoscopic approach

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: procedures description

14.15 **DAY 1**

Laparoscopic suture training

All faculty

- Evaluation of laparoscopic skills
- Pelvic trainers : dry boxes and ex-vivo tissues

18.30 End of the session

MONDAY, OCTOBER 17 - 2022

FACULTY SHUTTLE BUS : Hotel Taichung to IRCAD Taiwan

PARTICIPANTS SHUTTLE BUS : Hotel Taichung to IRCAD Taiwan

LIVE SURGERY

INGUINAL HERNIA REPAIR

- 08.00-09.30
- **LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATION**
 - Trans Abdominal Pre Peritoneal (TAPP) technique
 - Totally Extra Peritoneal (TEP) technique

*J. Wu
B. Dallemagne*

INCISIONAL AND VENTRAL HERNIA

- 09.30-09.50
- TEP for inguinal & incisional hernia-tips
- 09.50-10.10
- Minimally invasive ventral hernia repair

*K.H. Chen
H. Hirukawa
(videoconference)*

10.20 **BREAK**

DIDACTIC SESSION

LAPAROSCOPIC BILIARY SURGERY

- 10.45-11.00
- **Cholecystectomy**
 - Why do we still have bile duct injuries?
- 11.00-11.30
- Achieving critical view of safety and bailout procedures
- 11.30-12.05
- **LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATION**
Fluorescence guidance in cholecystectomy
- 12.05-12.35
- **Common Bile Duct stones**
 - Modern management of CBD stones

B. Dallemagne

M. Mendoza

H.P Wong

C.D. Narayanan

12.35-12.55 **Intra Op BDI: what's next?**

B. Dallemagne

13.00-14.00 **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

TUESDAY, OCTOBER 18 - 2022

FACULTY SHUTTLE BUS : Hotel Taichung to IRCAD Taiwan

PARTICIPANTS SHUTTLE BUS : Hotel Taichung to IRCAD Taiwan

DIDACTIC SESSION

- 08.30-09.00 **Next Step in Minimally Invasive Surgery : Image-guided approach** *J. Marescaux*
)
- 09.00-10.00 **ENDOCRINE SURGERY**
- **LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATION** *P. Miccoli*
"MIVAT"
- 10.00 **BREAK**
- 10.30-11.15 ● ***Thyroid and parathyroid glands*** : from mini-incisions to transoral and robotic approaches *P. Miccoli*
- 11.15-12.15 **BARIATRIC AND METABOLIC SURGERY** *W.J. Lee*
- Techniques and outcomes
- 12.15-13.00 **ENDOSCOPIC BARIATRIC SURGERY** *S. Perretta*
- 13.00-14.00 **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

FACULTY & PARTICIPANTS SHUTTLE BUS : IRCAD Taiwan - Restaurant

CONGRESS BANQUET

FACULTY SHUTTLE BUS : Restaurant - Hotel

PARTICIPANTS SHUTTLE BUS : Restaurant - Hotel

WEDNESDAY, OCTOBER 19 - 2022

FACULTY SHUTTLE BUS : Hotel Taichung to IRCAD Taiwan

PARTICIPANTS SHUTTLE BUS : Hotel Taichung to IRCAD Taiwan

LIVE SURGERY

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|-------------|---|---|
| 08.00- | <ul style="list-style-type: none"> • LIVE ROBOTIC OPERATIVE DEMONSTRATION
“case to be confirmed” | <i>C.N. Tang
(LIVE from Hong Kong)</i> |
| 09.00-10.00 | <p><u>ESOPHAGO-GASTRIC SURGERY</u></p> <ul style="list-style-type: none"> • LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATION
“Partial gastrectomy” | <i>H.K. Yang
(LIVE from
Taiwan)</i> |
| 10.00-10.30 | BREAK | |

DIDACTIC SESSION

- | | | |
|-------------|---|----------------------|
| 10.30-11.00 | <ul style="list-style-type: none"> • Gastrectomy : tips and tricks <ul style="list-style-type: none"> ○ Total gastrectomy – anastomoses techniques ... | <i>H.K. Yang</i> |
| 11.00-11.30 | <ul style="list-style-type: none"> • Laparoscopic surgery for gastric submucosal tumor | <i>Y.T. Lee</i> |
| 11.30-12.15 | <ul style="list-style-type: none"> • Para esophageal hernia and GERD | <i>B. Dallemagne</i> |
| 12.15-13.00 | <ul style="list-style-type: none"> • Management of complications of foregut and bariatric surgery | <i>S. Perretta</i> |
| 13.00-14.00 | LUNCH | |

EXPERIMENTAL LABORATORY - Hands' on session on Live Tissues

14.00-14.15 Pre-lab session: description of the surgical procedures

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|-------|--|---------------------------|
| 14.15 | <p><u>DAY 4</u></p> <ul style="list-style-type: none"> ❖ Hiatal hernia repair and fundoplication ❖ Partial – total gastrectomy ❖ Dissection of the common bile duct and liver pedicle ❖ Splenectomy | <u>All faculty</u> |
| 18.30 | End of the session | |

THURSDAY, OCTOBER 20 - 2022

FACULTY SHUTTLE BUS : Hotel Taichung to IRCAD Taiwan

PARTICIPANTS SHUTTLE BUS : Hotel Taichung to IRCAD Taiwan

LIVE SURGERY**08.30-10.30 Colorectal surgery**

- **LIVE OPERATIVE DEMONSTRATION**
"case to be confirmed"

*W. Chen
(LIVE from Taiwan)***10.30 BREAK****DIDACTIC SESSION****11.00-12.00 COLORECTAL SURGERY***W. Chen*

- Left colon resection
- Standardization of laparoscopic TME
- Laparoscopic right hemicolectomy with D3

*J.J. Ou***12.00-12.30 EMERGENCIES : ACUTE SIGMOIDITIS***J.J. Ou*

- Current medical and surgical approaches

**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****14.15-15.00 LAPAROSCOPIC HEPATIC SURGERY: a stepwise approach***C.W. Lin***15.00-15.30 PANCREATIC SURGERY**

- Indications and surgical techniques

*B. Dallemagne***15.30-16.15 EXPANDING ROLE OF FLEXIBLE ENDOSCOPY IN GI SURGERY***S. Perretta***16.15** End of the seminar
Delivery of the certificates of attendance