

PROGRAM

INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

JUNE 13 - 16, 2020

ASIA IRCAD - TAIWAN



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Changhua, Taiwan



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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

陳自諒 **William Tzu-Liang CHEN (Taiwan)**

陳國鈺 **Kuo-Hsin CHEN (Taiwan)**

Bernard DALLEMAGNE (Belgium) *(videoconference)*

Hiroshi HIRUKAWA (Japan) *(videoconference)*

Hyuk-Joon Lee (South Korea) *(videoconference)*

李威傑 **Wei-Jei LEE (Taiwan)**

林忠葦 **Charles Chung-Wei LIN (Taiwan)**

Jacques MARESCAUX (France) *(videoconference)*

Miguel MENDOZA (Philippines) *(videoconference)*

Paolo MICCOLI (Italy) *(videoconference)*

Ahmad NASSAR (United Kingdom) *(videoconference)*

Silvana PERRETTA (Italy) *(videoconference)*

Raymund ONG (Philippines) *(videoconference)*

吳其翔 **Jungle Chi-Hsiang WU (Myanmar)**

TABLE INSTRUCTORS

蔡紫蓉 **Tzu-Jung TSAI (Taiwan)**

趙頌慈 **Chong-Chi CHIU (Taiwan)**

杜奕成 **Yih-Cherng DUH (Taiwan)**

彭仲毅 **Jhong-I PENG (Taiwan)**

羅文鍵 **Wen-Jian LUO (Taiwan)**

黃漢斌 **Hon Phin WONG (Malaysia)**

莊樹宏 **Shu-Hung CHUANG (Taiwan)**

邱顯傑 **Hsien-Chieh CHIU (Taiwan)**

蔡元耀 **Yuan-Yao TSAI (Taiwan)**

謝慶隆 **Ching-Lung HSIEH (Taiwan)**

許耀仁 **Yao-Jen HSU (Taiwan)**

蘇峻民 **Jimmy Chun-Min SU (Taiwan)**

SATURDAY , JUNE 13 - 2020

PARTICIPANTS SHUTTLE BUS : Hotel to IRCAD Taiwan

FACULTY SHUTTLE BUS : Hotel to IRCAD Taiwan

13:30 Registration

14:00-14.10 Welcome to participants

J. Marescaux - W. Huang

DIDACTIC SESSION

Moderator: *W. Huang*

14.10-14.40 **Imaging, Robotics, and Artificial Intelligence: the 3 weapons of choice to achieve a smart surgery**

*J. Marescaux
(videoconference)*

14.40-15.40 **EQUIPMENT**

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

*B. Dallemagne
(videoconference)*

15.40-16.10 **BREAK**

16.10-17.10 **BASIC PRINCIPLES OF LAPAROSCOPIC SURGERY**

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

*S. Perretta
(videoconference)*

17.10-18.00 **LAPAROSCOPIC SURGERY IN ABDOMINAL EMERGENCY**

- **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

*R. Ong
(videoconference)*

18.00 End of the session

PARTICIPANTS SHUTTLE BUS : IRCAD Taiwan to Hotel

FACULTY SHUTTLE BUS : IRCAD Taiwan to Hotel

SUNDAY , JUNE 14 - 2020

PARTICIPANTS SHUTTLE BUS : Hotel to IRCAD Taiwan

FACULTY SHUTTLE BUS : Hotel to IRCAD Taiwan

DIDACTIC SESSION

- 08.30-09.00 **TISSUE APPROXIMATION** W. Huang
- Laparoscopic suturing and knotting methods
 - Principles of mechanical stapling

EXPERIMENTAL LABORATORY - Hands' on session on Dry Box

- 09.00-09.15 Pre-lab session : procedures description W. Huang
- 09.15-13.30 **DAY 1** **All faculty**
- Laparoscopic suture training**
- Evaluation of laparoscopic skills
 - Pelvic trainers : dry boxes and ex-vivo tissues
- 13.30-14.30 **LUNCH**

DIDACTIC SESSION

Moderator: W. Huang

- 14.30-15.00 **BARIATRIC AND METABOLIC SURGERY** W.J. Lee
- Techniques and outcomes
- INCISIONAL AND VENTRAL HERNIA**
- 15.00-15.20 • TEP for inguinal & incisional hernia-tips K.H. Chen
- 15.20-15.50 • Minimally invasive ventral hernia repair H. Hirukawa
(videoconference)
- 15.50-16.20 **BREAK**
- LAPAROSCOPIC BILIARY SURGERY**
- 16.20-16.40 • **Cholecystectomy** M. Mendoza
(videoconference)
- Achieving critical view of safety and bailout procedures
- 16.40-17.00 • **Intra Op BDI: what's next?** B. Dallemagne
(videoconference)
- 17.00-17.30 • **Common Bile Duct stones** A. Nassar
(videoconference)
- Modern management of CBD stones
- 17.30 End of the session
- PARTICIPANT & FACULTY SHUTTLE BUS**: IRCAD Taiwan to Congress Banquet
- 18.00 Congress Banquet
- 20.00 **PARTICIPANT & FACULTY SHUTTLE BUS**: Congress Banquet to Hotel

MONDAY , JUNE 15 - 2020

PARTICIPANTS SHUTTLE BUS : Hotel to IRCAD Taiwan

FACULTY SHUTTLE BUS : Hotel to IRCAD Taiwan

EXPERIMENTAL LABORATORY - Hands' on session on Live Tissues

09.00-09.15 Pre-lab session : description of the surgical procedures W. Huang

09.15-13.30 **DAY 2** **All faculty**

- ❖ Inguinal hernia repair (TAPP)
- ❖ Small bowel resection-anastomose
- ❖ CBD dissection - T-tube insertion - CBD suturing
- ❖ Cholecystectomy

13.30-14.30 **LUNCH**

DIDACTIC SESSION

Moderator : C.W. Lin

14.30-15.15 **LAPAROSCOPIC HEPATIC SURGERY**: a stepwise approach C.W. Lin

ENDOCRINE SURGERY

15.15-16.00 • **Thyroid and parathyroid glands** : from mini-incisions to transoral and robotic approaches P. Miccoli
(videoconference)

16.00-16.30 Break

ESO-PHAGO GASTRIC SURGERY

16.30-17.00 • Gastrectomy : tips and tricks & total gastrectomy – anastomoses techniques ... H.J. Lee
(videoconference)

17.00-17.45 • Para esophageal hernia and GERD B. Dallemagne
(videoconference)

17.45-18.15 • Management of complications of foregut and bariatric surgery S. Perretta
(videoconference)

18.15 End of the session

PARTICIPANTS SHUTTLE BUS : IRCAD Taiwan to Hotel

FACULTY SHUTTLE BUS : IRCAD Taiwan to Hotel

TUESDAY, JUNE 16 - 2020

PARTICIPANTS SHUTTLE BUS : Hotel to IRCAD Taiwan

FACULTY SHUTTLE BUS : Hotel to IRCAD Taiwan

EXPERIMENTAL LABORATORY - Hands' on session on Live Tissues

09.00-09.15 Pre-lab session : description of the surgical procedures W. Huang

09.15-13.30 **DAY 3**

All faculty

- ❖ Roux-en-Y gastric bypass
- ❖ Splenectomy
- ❖ Choledocojejunostomy / Roux in Y
- ❖ Dissection of the hepatic pedicle
- ❖ Hiatal hernia repair and fundoplication
- ❖ Partial – total gastrectomy
- ❖ Dissection of the common bile duct and liver pedicle
- ❖ Splenectomy

13.30-14.30 **LUNCH**

LIVE SURGERY

Moderator : C.W. Lin

14.30-16.00 **LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATION**

INGUINAL HERNIA REPAIR

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

J. Wu
K.H. Chen

16.00-16.30 **BREAK**

16.30-17.00 **PANCREATIC SURGERY**

- Indications and surgical techniques

B. Dallemagne
(videoconference)

17.00-17.45 **EXPANDING ROLE OF FLEXIBLE ENDOSCOPY IN GI SURGERY**

S. Perretta
(videoconference)

17.45-18.25 **COLORECTAL SURGERY**

- MIS colorectal surgery for beginners

W. Chen

18.25 *End of the seminar*
Delivery of the certificates of attendance

PARTICIPANT & FACULTY SHUTTLE BUS: IRCAD Taiwan to Taichung High Speed Rail