

PROGRAM

INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

OCTOBER 1 - 4, 2018

ASIA IRCAD - TAIWAN



CHAIRMAN

MH. Huang

Show Chwan Memorial Hospital
Changhua, Taiwan

PRESIDENT

Jacques Marescaux

President, IRCAD
University of Strasbourg, France

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)

Wei-Jei LEE (Taiwan)

Yueh-Tsung LEE (Taiwan)

Chung-Wei LIN (Taiwan)

Jacques MARESCAUX (France)

Armando MELANI (Brazil)

Paolo MICCOLI (Italy)

Yogesh MISHRA (India)

Didier MUTTER (France) - *videoconference*

C.D. NARAYANAN (India)

Aung Myint OO (Singapore)

Jungle WU (Taiwan)

Han-Kwang YANG (Korea)

V.06/10/2017

MONDAY OCTOBER 1 - 2018

- 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 - H.S. Wu*

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, haemostasis, stitching, suturing, knotting, anastomosing ...
- 11.00 **BREAK**
- 11.30 **Acute Abdomen** *D. Mutter (videoconference from Strasbourg)*
- Laparoscopy in peritonitis
 - Appendicitis
 - Gastric perforation
 - Diverticulitis
- 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**
- Group A : Laparoscopic suture training** *W. Huang*
- ❖ 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** *All faculty*
- ❖ 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 2 - 2018

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

LIVE SURGERY

- 09.00 **Inguinal Hernia Repair**
- **PRE-RECORDED OPERATIVE DEMONSTRATION** *J. Wu*
 "Trans Abdominal Pre Peritoneal (TAPP) technique"
 - **LIVE OPERATIVE DEMONSTRATION** *B. Dallemagne*
 "Totally Extra Peritoneal (TEP) technique"
- 10.30 **BREAK**
- 10.45 • Laparoscopic TEP inguinal hernioplasty – the Lateral port approach *Y. Mishra*
- 11.10 • **LIVE OPERATIVE DEMONSTRATION** *J. Wu*
 "Laparoscopic Adrenalectomy"

DIDACTIC SESSION

- 11.30 **Incisional and Ventral Hernia** *C.D. Narayanan*
- Basic and advanced techniques : mesh repair, suture repair, component separation repair ...
- 12.30 Role of laparoscopy in specific clinical conditions: recurrent hernia, strangulated hernia *A.M. Oo*
- 13.10 **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)
 - ❖ Gastro-jejunostomy
 - ❖ Hiatal repair and fundoplication
 - ❖ Dissection of the common bile duct and liver pedicle
 - ❖ Cholecystectomy
- 18.30 End of the session

WEDNESDAY OCTOBER 3 - 2018

- 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**
 • ***Thyroid and parathyroid glands*** : from mini-incisions to transoral and robotic approaches *P. Miccoli*
- 10.15 **BREAK**
- 10.45-11.15 **Gastric Surgery** *H.K. Yang*
 11.20-11.35 • Gastrectomy for cancer *Y.T. Lee*
 • Laparoscopic surgery for gastric submucosal tumor
- 11.50 **Bariatric and metabolic surgery** *W.J. Lee*
 • Rationale and techniques of bariatric and metabolic surgery
- Laparoscopic Biliary Surgery**
 • ***Bile Duct***
 ○ One-stage versus two-stage management for gallstones and bile duct stones *S.H. Chuang*
- 13.25 **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***
 ❖ Dissection of the common bile duct
 ❖ T-tube insertion – CBD suturing
 ❖ 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 4 - 2018

- 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 from Taiwan
 "colorectal case"
 A. Melani
- 10.00-10.30 **BREAK**

DIDACTIC SESSION

- 11.00-11.45 **Laparoscopic Hepatic Surgery: an overview**
 C.W. Lin
- 11.45-12.50 **Colorectal Surgery**
 • Basic principles of laparoscopic right and left colectomy
 • TME for rectal cancer
 • Transanal approach
 • How to prevent and manage complications
 A. Melani
- 13.00 **Proficiency Test**
 (for surgeons applying for Strasbourg University Diploma)
 Multiple choice questions
 B. Dallemagne
- 13.30 **LUNCH**

DIDACTIC SESSION

- 14.00-14.30 **Splenic Surgery**
 A. D'Urso
 (videoconference from Strasbourg)
- 14.30-15.15 **Laparoscopic Biliary Surgery**
 • **Cholecystectomy**
 ○ Basic principles and techniques in common and complex situations
 ○ Acute cholecystitis
 B. Dallemagne
 W. Huang

INTERACTIVE SESSION

- 15.15-16.15 **Clinical Cases**
 Interactive session with response system
 B. Dallemagne & local faculty
- 16.30 End of the seminar
 Delivery of the certificates of attendance