

# PROGRAMME

## INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

OCTOBER 19-22, 2009



ASIA IRCAD – TAIWAN



### CHAIRMAN

**MH. Huang**

Show Chwan Memorial Hospital  
Changhua, Taiwan

### PRESIDENT

**Jacques Marescaux**

President, IRCAD  
University of Strasbourg, France

### DIRECTOR

**HS. Wu**

Show Chwan Memorial Hospital  
Changhua, Taiwan

## OBJECTIVES

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- 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

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- Interactive theoretical and video sessions between faculty and course participants  
Live and pre-recorded operative demonstrations

## FACULTY

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**D.A. Chou (Taiwan)**

**B. Dallemagne (France)**

**A. Forgione (Italy)**

**B. Hsu (Taiwan)**

**W.J. Lee (Taiwan)**

**J. Leroy (France)**

**J. Marescaux (France)**

**D. Mutter (France)**

**S. Perretta (Italy)**

**N. Tanigawa (Japan)**

**H.S. Wu (Taiwan)**

V. 09/10/2009

## Monday, October 19<sup>th</sup> 2009

07.30 am **PARTICIPANTS SHUTTLE BUS** : The Howard Prince Hotel Taichung to IRCAD Taiwan

**FACULTY SHUTTLE BUS** : Windsor Hotel Taichung to IRCAD Taiwan

08.45 am Registration

09.00 am Welcome to participants

*MH. Huang - HS. Wu - J. Marescaux*

### **THEORETICAL SESSION**

Chairmen : HS. Wu - J. Marescaux

09.05 am **Equipment**

- Operating theatre / choice of equipment / the laparoscopy unit
- Conventional laparoscopic instrumentation and micro-instruments
- Electrosurgery and ultrasonic dissections
- A new concept : "intelligent" OP room

*D. Mutter*

*S. Perretta*

10.20 am Break

10.50 am **Basic principles**

- Positioning of trocars :
  - transperitoneal access
  - retroperitoneal access
- Knots
- Operative room organisation

*J. Leroy*

12.30 pm **Complications in laparoscopy : bowel and vascular injuries**

*D. Mutter*

01.00 pm Lunch

### **EXPERIMENTAL LABORATORY - Practice on Live Tissue**

- 02.00 pm
- ↘ Basic principles : insufflation – positioning of trocars – open laparoscopy
  - ↘ Clips – staples – laparoscopic sutures – knots – surgitie
  - ↘ Small bowel resection (endoGIA – intracorporeal suture – surgitie)
  - ↘ Small bowel dissection and anastomoses
  - ↘ Splenectomy

#### **Faculty**

*H.S. Wu*

*D. Mutter*

*B. Dallemagne*

*J. Leroy*

*S. Perretta*

*A. Forgione*

*D.A. Chou*

*B. Hsu*

06.30 pm End of the session

06.35 pm **FACULTY & PARTICIPANTS SHUTTLE BUS** : IRCAD Taiwan - Restaurant

07:00 pm **CONGRESS BANQUET**

09:30 pm **FACULTY SHUTTLE BUS** : Restaurant - Windsor Hotel

09:30 pm **PARTICIPANTS SHUTTLE BUS** : Restaurant - Howard Prince Hotel

## Tuesday, October 20<sup>th</sup> 2009

07.30 am **PARTICIPANTS SHUTTLE BUS** : The Howard Prince Hotel Taichung to IRCAD Taiwan

**FACULTY SHUTTLE BUS** : Windsor Hotel Taichung to IRCAD Taiwan

### THEORETICAL SESSION

*Chairman* : HS. Wu - J. Marescaux

- 08.00 am **Gastric surgery** B. Dallemagne  
S. Perretta
- LIVE or PRE-RECORDED OPERATIVE DEMONSTRATION  
"Anti-reflux Surgery"
  - Giant hiatal hernia
  - Complications
- 20' N. Tanigawa
- 11.15 am Break
- 11.45 am **Laparoscopic biliary surgery**
- **Cholecystectomy**
    - Basic principles S. Perretta  
D. Mutter
    - Minimizing the surgical approach :  
Cholecystectomy with micro-instrumentation and  
One trocar cholecystectomy
    - Specific problems in acute cholecystitis B. Dallemagne
  - **Common bile duct surgery**
    - Common bile duct lithiasis : surgical management D. Mutter
    - Bile duct injuries
      - incidence, risk factors, diagnosis and prevention B. Dallemagne
      - management and outcome
- 01.00 pm Lunch

### EXPERIMENTAL LABORATORY - Practice on Live Tissue

- 02.00 pm
- Gastrointestinal-anastomosis **Faculty**  
H.S. Wu
  - Dissection of the common bile duct D. Mutter
  - T-tube insertion – CBD suturing B. Dallemagne
  - Nephrectomy J. Leroy  
S. Perretta  
A. Forgione  
D.A. Chou  
B. Hsu

06.30 pm End of the session

## Wednesday, October 21<sup>st</sup> 2009

07.30 am **PARTICIPANTS SHUTTLE BUS** : The Howard Prince Hotel Taichung to IRCAD Taiwan

**FACULTY SHUTTLE BUS** : Windsor Hotel Taichung to IRCAD Taiwan

### **THEORETICAL SESSION**

*Chairmen : HS. Wu - J. Marescaux*

08.00 am **Endocrine surgery**  
• Adrenalectomy *J. Marescaux*

08.30 am **New concepts in laparoscopic surgery**  
• Robotics – Simulation – Virtual Reality *J. Marescaux*

#### **N.O.T.E.S. :**

• Natural Orifice Transluminal Endoscopic Surgery *J. Marescaux*

09.45 am Break

10.00 am **Inguinal hernia repair**  
• Principles & anatomy of hernia repair *J. Leroy*  
LIVE or PRE-RECORDED OPERATIVE DEMONSTRATIONS  
• Laparoscopic approach of hernia repair : TAPP *J. Leroy*  
• Laparoscopic approach of hernia repair : TEP *B. Dallemagne*

11.30 am Break

11.45 am **Emergency surgery**  
• Appendicitis *D. Mutter*  
• Peritonitis *B. Dallemagne*  
• Perforated ulcer *D. Mutter*  
• Diverticulitis *D. Mutter*

12.45 pm **Morbid Obesity surgery** *W.J. Lee*

01.15 pm Lunch

### **EXPERIMENTAL LABORATORY - Practice on Live Tissue**

02.00 pm ↗ Inguinal hernia repair **Faculty**  
↗ Gastrointestinal-anastomosis *H.S. Wu*  
↗ Antireflux procedures *D. Mutter*  
*B. Dallemagne*  
*J. Leroy*  
*S. Perretta*  
*A. Forgione*  
*D.A. Chou*  
*B. Hsu*

06.30 pm End of the session

## Thursday, October 22<sup>nd</sup> 2009

07.30 am **PARTICIPANTS SHUTTLE BUS** : The Howard Prince Hotel Taichung to IRCAD Taiwan

**FACULTY SHUTTLE BUS** : Windsor Hotel Taichung to IRCAD Taiwan

### THEORETICAL DAY

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08.00 am **Colorectal surgery** *J. Leroy*

- Technical approach :
  - Right colectomy
  - Left colectomy
  - Rectal resection (TME)

10.00 am Break

10.30 am **Splenic surgery** *D. Mutter*

- Anterior approach
- Posterior approach

11.00 am **Pancreatic surgery** *B. Dallemagne*

- Benign and malignant diseases

11.30 am **Laparoscopic approach for liver tumors** *D. Mutter*

11.45 am **“Pot pourri” Pre-recorded Live Surgery** *B. Dallemagne  
S. Perretta*

12.15 pm **Proficiency Test**  
(only for the surgeons having applied for the National Defence Medical Center Diploma)  
Multiple choice questions

12.45 pm Lunch

01.30 pm End of the seminar  
Delivery of the certificates of attendance