

**IRCAD X TAES**  
**LAPAROSCOPIC GENERAL SURGERY COURSE FOR**  
**RESIDENTS**

**JANUARY 17-19, 2020**

*ASIA IRCAD - TAIWAN*



*CHAIRMAN*

**MH. Huang 黃明和**, MD. PhD. MPH  
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*COURSE DIRECTOR*

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**COUSE OBJECTIVES**

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*To prepare the residents ready for safe practice of laparoscopic surgery*

*To describe and understand the equipments, tools, energy, and pneumoperitoneum*

*To present the fundamentals of laparoscopic techniques*

*Practical training sessions to learn or improve the performance of basic techniques in laparoscopic surgery, such as intra-corporeal suturing and tying techniques of nots, coordinating both hands for dissection and safe energy use in laparoscopy*

*To describe the results and potential complications of laparoscopic procedures*

## INVITED FACULTY

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- ✚ Alfred KOW (Singapore)
- ✚ Paolo PORCIUNCULA (Philippine)
- ✚ Raymund ONG (Philippine)
- ✚ John YANG (Philippine)
- ✚ Shigetaka INOUE (Japan)
- ✚ I-Shu CHEN 陳以書 (Taiwan)
- ✚ Shu-Hung CHUANG 莊樹宏 (Taiwan)
- ✚ Ying-Jui CHAO 趙盈瑞 (Taiwan)
- ✚ Yu-Yao CHANG 張譽耀 (Taiwan)
- ✚ Lien-Cheng TSAO 曹連誠 (Taiwan)
- ✚ Yu-Yin LIU 劉毓寅 (Taiwan)
- ✚ Yu-Hsien CHEN 陳育賢 (Taiwan)
- ✚ Paul C.Y. CHANG 張嘉宇 (Taiwan)
- ✚ Tiing Foong SLOW 蕭庭豐 (Taiwan)
- ✚ Kuo-Feng HSU 徐國峯 (Taiwan)
- ✚ Chao-Chien HUNG 洪肇謙 (Taiwan)
- ✚ Kuo-Chiang WANG 王國強 (Taiwan)
- ✚ Charles LIN 林忠葦 (Taiwan)
- ✚ Hon-Phin WONG 黃漢斌 (Taiwan)
- ✚ Jimmy SU 蘇峻民 (Taiwan)

## TARGET AUDIENCE

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*Surgeons in training who wish to solidify knowledge on basic principles and theories behind laparoscopic surgery, including instrumentation, ergonomics, technical skills, on comprehensive but fundamental fields such as emergency, pediatric, endoscopy, biliary, trauma surgery.*

# Friday, January 17, 2020

**08.20 am - Welcoming of participants**      *Honorary guest: I-Shu CHEN*

## 08.30 am OPENING SESSION IN AUDITORIUM

08.30	History and evolution of MIS	H.P. WONG
08.50	Laparoscopic instruments, optical systems, cameras, insufflators	R. ONG
09.10	Basic principles in laparoscopy (exposure, retraction, hemostasis)	J.R. CHAO
09.30	Trocars and methods of access	C.W. LIN
09.40	Effects of pneumoperitoneum	T.F. SIOW

## 10.00- 10.30 Coffee Break

10.30	Ergonomics and geometry in laparoscopy	Y.S. CHEN
10.50	Surgical energy: principles, settings, and proper usage	P. PORCIUNCULA
11.10	Secret in laparoscopic suturing	P. PORCIUNCULA
11.30	Surgical education and innovation: Training of future surgeons	W. HUANG

## 12.00- 13.30 Lunch Break

## 13.30 pm PRE-LAB SESSION IN AUDITORIUM

**Presentation of the exercise in training box**

## 14.00 pm PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

Workshops are run in parallel. Participants will have access to all workshops

14.00-18.00 25 min/station Group 1	A: LASTT	B: Endoscopic painting
	C: Micro-suturing & McGRATH	D: Laparoscopic Instruments Manipulation
	E: Origami	
Group 2	Laparoscopic Suturing	

18.00    **End of the course**

# Saturday, January 18, 2020

08.20 am - Welcoming of participants

## 08.30 am OPENING SESSION IN AUDITORIUM

08.30	Cholecystectomy-basic principles and techniques in common and complex situations	Y. Y. LIU
08.50	Common bile duct explorations-current role of surgery	A. KOW
09.10	Role of assistant in colorectal surgery: Basic operative view and anatomical landmark	S.INOUE
09.30	Surgical Endoscopy-basic principles, indications	J. SU

## 10.00- 10.30 Coffee Break

10.30	Laparoscopy in abdominal wall hernia	R. ONG
11.00	Laparoscopy in acute abdomen	S.H. CHUANG
11.30	Overview of MIS in Children	C.Y. CHANG
12.00	Laparoscopic suturing-training for mastery	W. HUANG

## 12.30- 13.30 Lunch Break

## 13.30 pm PRE-LAB SESSION IN AUDITORIUM

Demonstrations of the exercises to be performed

## 14.00 pm PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

Workshops are run in parallel. Participants will have access to all workshops

Group 1	Flexible endoscopy
Group 2	Laparoscopic Suturing
Group 3	Ultrasound

18.00 **End of the course**

# Sunday, January 19, 2020

08.20 am - Welcoming of participants

## 08.30 am PRE-LAB SESSION IN AUDITORIUM

08.30 Lab rules, demonstration of porcine anatomy, procedures to be performed W. HUANG

## 09.00 am PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

**All faculty will be present**

- ✚ Cystopexy
- ✚ Cystotomy
- ✚ Cystorraphy
- ✚ Small bowel resection with GIA
- ✚ Small bowel anastomosis
- ✚ Gastrojejunostomy
- ✚ cholecystectomy

12.00-13:30 pm Lunch at the institute

## 13.30 pm PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

- ✚ Hernioplasty
- ✚ Sigmoidectomy
- ✚ Nissen fundoplication
- ✚ CBD exploration with T-tube placement
- ✚ Vascular control of bleeding
- ✚ Splenectomy
- ✚ Nephrectomy
- ✚ hepatectomy

**15:00 pm FINAL COMPETITION**

**16.45 pm BACK TO THE AUDITORIUM**

**Delivery of Certificates**

**ALL CHAIRS**

17.00 **End of the course**