

IRCAD X TAES
LAPAROSCOPIC GENERAL SURGERY COURSE FOR
RESIDENTS

AUGUST 28-30, 2020

ASIA IRCAD - TAIWAN



CHAIRMAN

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COURSE DIRECTORS

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COURSE OBJECTIVES

- *To prepare the residents ready for safe practice of laparoscopic surgery*
- *To describe and understand the equipment, 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

- ✚ Anthony DOFITAS (Philippines)
- ✚ Alfred KOW (Singapore)
- ✚ Noriaki KAMEYAMA 龜山哲章 (Japan)
- ✚ Ying-Jui CHAO 趙盈瑞 (Taiwan)
- ✚ Gar-Yang CHAU 周嘉揚 (Taiwan)
- ✚ Chih-I CHEN 陳致一 (Taiwan)
- ✚ Hsin-An CHEN 陳信安 (Taiwan)
- ✚ I-Shu CHEN 陳以書 (Taiwan)
- ✚ Shih-Chin CHEN 陳世欽 (Taiwan)
- ✚ Yen-Cheng CHEN 陳言丞 (Taiwan)
- ✚ Chia-Lin CHOU 周家麟 (Taiwan)
- ✚ Shu-Cheng CHOU 周書正 (Taiwan)
- ✚ Jian-Wei HUANG 黃建偉 (Taiwan)
- ✚ Ming Te HUANG 黃銘德 (Taiwan)
- ✚ Ting-Shuo HUANG 黃挺碩 (Taiwan)
- ✚ Tun-Sung HUANG 黃敦頌 (Taiwan)
- ✚ Hsin-Hong KUO 郭信宏 (Taiwan)
- ✚ Hung-Hsin LIN 林宏鑫 (Taiwan)
- ✚ Yu-Feng TIEN 田宇峯 (Taiwan)
- ✚ Lien-Cheng TSAO 曹連誠 (Taiwan)
- ✚ Khaa-Hoo ONG 王家豪 (Taiwan)
- ✚ Chin-Hung WEI 魏晉弘 (Taiwan)
- ✚ Po-Hsuan WU 吳柏宣 (Taiwan)
- ✚ Hon-Phin WONG 黃漢斌 (Taiwan)
- ✚ Jimmy SU 蘇峻民 (Taiwan)

TARGET AUDIENCE

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, August 28, 2020

08.20 am - Welcoming of participants

W. Huang – C. Lin

08.30 am OPENING SESSION IN AUDITORIUM

Chairmen : TBD

08.30	ICG fluorescence application of HPB surgery	H.P. WONG
08.50	Laparoscopic instruments, optical systems, cameras, insufflators	TBD
09.10	Basic principles in laparoscopy (exposure, retraction, hemostasis)	TBD
09.30	Trocars and methods of access	C.W. LIN
09.40	Effects of pneumoperitoneum	TBD

10.00- 10.30 Coffee Break

Chairmen : TBD

10.30	Ergonomics and geometry in laparoscopy	TBD
10.50	Surgical energy: principles, settings, and proper usage	TBD
11.10	Secret in laparoscopic suturing	TBD
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, August 29, 2020

08.20 am - Welcoming of participants

08.30 am OPENING SESSION IN AUDITORIUM

Chairmen : TBD

08.30	Cholecystectomy-basic principles and techniques in common and complex situations	TBD
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	TBD
09.30	Surgical Endoscopy-basic principles, indications	J. SU

10.00- 10.30 Coffee Break

Chairmen : TBD

10.30	Laparoscopy in abdominal wall hernia	TBD
11.00	Laparoscopy in acute abdomen	TBD
11.30	Overview of MIS in Children	C. H. WEI
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, August 30, 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

16:30 pm FINAL COMPETITION

17.30 pm BACK TO THE AUDITORIUM

Delivery of Certificates

ALL CHAIRS

18.00 **End of the course**