

**ASIA IRCAD – TAIWAN**  
**LAPAROSCOPIC UROLOGICAL SURGERY COURSE**  
**FOR RESIDENTS**  
**APRIL 24- 25, 2021**



**PRESIDENT**

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**COURSE DIRECTORS**

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MD  
Vice Dean, IRCAD Taiwan/AITS  
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**COURSE OBJECTIVES**

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- To prepare the residents ready for safe practice of laparoscopic urological surgery
- To describe and understand the equipment, tools, energy, & pneumoperitoneum
- To present the fundamentals of laparoscopic urological 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 knots, coordinating both hands for dissection and safe energy use in laparoscopy
- To describe the results and potential complications of laparoscopic urological procedures
- To describe common laparoscopic urological techniques and operative procedures

**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 in urological surgery.

## INTERNATIONAL FACULTY

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- ✚ C.C. Abbou (France)
- ✚ E. Mandron (France)
- ✚ T. Piechaud (France)
- ✚ KH. Rha (South Korea)
- ✚ R. Van Velthoven (Belgium)

## LOCAL FACULTY

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- ✚ 鍾孝仁 Hsiao-Jen CHUNG (Taiwan) - 台北榮民總醫院
- ✚ 黃昭淵 Chao-Yuan HUANG (Taiwan) - 台灣大學附設醫院
- ✚ 黃志平 Chi-Ping HUANG (Taiwan) - 中國醫藥大學附設醫院
- ✚ 黃冠華 Steven Kuan-Hua HUANG (Taiwan) - 奇美醫院
- ✚ 林仕穎 Shih-Ying LIN (Taiwan) - 彰濱秀傳紀念醫院
- ✚ 林子平 Tzu-Ping LIN (Taiwan) - 台北榮民總醫院
- ✚ 歐宴泉 Yen-Chuan OU (Taiwan) - 童綜合醫院
- ✚ 馮思中 See-Tong PANG (Taiwan) - 林口長庚紀念醫院
- ✚ 蔡曜州 Yao-Chou TSAI (Taiwan) - 台北醫學大學附設醫院
- ✚ 吳其翔 Chi-Hsiang WU (Taiwan) - 彰濱秀傳紀念醫院
- ✚ 吳勝堂 Seng-Tang WU (Taiwan) - 三軍總醫院
- ✚ 楊晨光 Cheng-Kuang YANG (Taiwan) - 台中榮民總醫院
- ✚ 楊哲瑞 Che-Jui YANG (Taiwan) - 彰濱秀傳紀念醫院
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**Day 1 - Saturday, April 24, 2021****08.00 am** Registration**08.30 am MORNING SESSION (1F)**Chairmen : TBA

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|-------|--|--------------------------|
| 08.30 | <b>OPENING SESSION IN AUDITORIUM</b><br>Welcome to Participants  | 黃士維 W. HUANG & 吳其翔 J. WU |
| 08.50 | Laparoscopic equipment: camera, optical system, insufflator, and instruments   | Karl Storz Rep           |
| 09.10 | Surgical energy: principles, settings, and proper usage<br>Indications and contraindications of LPS instruments, endoGIA<br>Clips and sealing device | 楊哲瑞 C.J. YANG            |
| 09.30 | Laparoscopic suturing-training for mastery   | 黃士維 W. HUANG             |
- Discussion: Question & Answer

**10.00 am - 10.30 am** Coffee Break

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|-------|----------------------|-----|
| 10.30 | Topic in Laparoscopy | TBD |
| 10.50 | Topic in Endourology | TBD |
| 11.10 | Topic in Endourology | TBD |
- Discussion: Question & Answer

**11.30 pm - 12.30 pm** Lunch Break**12.30 pm AFTERNOON SESSION (1F)**

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|-----------------|--------------------------------------|-----|
| <b>12.30 pm</b> | <b>PRE-LAB SESSION IN AUDITORIUM</b> | TBA |
|-----------------|--------------------------------------|-----|
- Presentation of the exercise in training box

# Day 1 - Saturday, April 24, 2021

**13.00 pm**    **EXPERIMENTAL LABORATORY – Training Box**

**13.00 pm**    **PRACTICAL SESSION IN EXPERIMENTAL LABORATORY (2F & 3F)**

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

<b>3F Laboratory</b> Rotation: 30 min/ each station 【Group 1】 13:00-15:00 【Group 2】 15:00-17:00	<b>Laparoscopic Origami          Medtronic Energy Station</b> (30 min) <b>TBD</b>	<b>LASTT</b> 1. Number Camera Navigation 2. Ring Hang-Eye Coordination 3. Pin Bi-Manual Coordination (30 min – min/stage) <b>TBD</b>
	<b>Laparoscopic Instruments          Manipulation</b> 1. Peg Transfer 2. Circle Cutting 3. Needle Guidance (30 min – min/stage) <b>TBD</b>	<b>Endourology: Storz</b> 1. Cystoscopy 2. Ureteroscopy 3. Laser Simulation 4. PCN Ultrasound (30 min – min/stage) <b>TBD</b>
<b>2F Mei Chi          Conference          Room</b> 【Group 2】 13:00-15:00 【Group 1】 15:00-17:00	<b>Laparoscopic Suturing</b> 1. Pad 2. Single knot tying 3. Urethra cyto anastomosis (120 mins) <b>TBD</b>	

**17.00**    **End of the day**

**17.30**    **Congress banquet**

**19:30**    **Shuttlebus back to Hotel**

## Day 2 - Sunday, April 25, 2021

### 08.30 am MORNING SESSION (1F)

Chairmen : TBA

08.30	Basic principles in laparoscopic hernia surgery <ul style="list-style-type: none"> <li>● Trans Abdominal Pre-Peritoneal (TAPP) technique</li> <li>● Totally Extra Peritoneal (TEP) technique</li> </ul>	蔡曜州 Y.C. TSAI
08.50	Laparoscopic nephrectomy LPS and Ra partial nephrectomy tips and tricks, transperitoneal and retroperitoneal approach	林子平 T.P. LIN
09.10	Laparoscopic urinary tract reconstruction surgery	楊晨洸 C.K. YANG
09.30	Seeing the unseen: Future in urological surgery	歐宴泉 Y.C. OU

Discussion: Question & Answer

### 10.00 am PRE-LAB SESSION IN AUDITORIUM

TBA

- Lab rules, demonstration of porcine anatomy, procedures to be performed

### 10.30 am - 11.00 am Coffee Break

### 11.00 am EXPERIMENTAL LABORATORY – Hands' on session in Live Tissue

### 11.00 am PRACTICAL SESSION IN EXPERIMENTAL LABORATORY (3F)

All faculty will be present

✚ Hernia – Trans abdominal pre peritoneal (TAPP)	✚ Partial nephrectomy
✚ Ureterolysis	✚ Hernioplasty
✚ Pyeloplasty	✚ Bowel lysis
✚ Nephrectomy	✚ Bowel anastomosis

### 13.00 pm - 14.00 pm Lunch Break

### 14.00 pm EXPERIMENTAL LABORATORY – Hands' on session in Live Tissue

### 14.00 pm PRACTICAL SESSION IN EXPERIMENTAL LABORATORY (3F)

All faculty will be present

✚ Hernia – Trans abdominal pre peritoneal (TAPP)	✚ Partial nephrectomy
✚ Ureterolysis	✚ Hernioplasty
✚ Pyeloplasty	✚ Bowel lysis
✚ Nephrectomy	✚ Bowel anastomosis

### 18.00 pm BACK TO THE AUDITORIUM

Delivery of Certificates

ALL CHAIRS

18.00 pm End of the course