

PROGRAM

INTENSIVE COURSE ON LAPAROSCOPIC SUTURING AND LIVE ANIMAL WORKSHOP JUNE 22-23, 2019



CHAIRMAN

MH. Huang

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OBJECTIVES

At the end of this course each student should be able to:

- Safely introduce and pick up a 3/8ths curved needle in an appropriate position to make a bite through tissue.
- Handle the needle to quickly adjust to desired angles
- Pass a needle and suture through tissues at suitable depth, angle, and distance for interrupted and continuous suturing
- Tie a safe laparoscopic Surgeon's knot
- Create a laparoscopic tumbled square knot
- Demonstrate continuous suturing, maintaining tension and completing the suture line safely.
- Be able to apply the techniques to various clinical situations, such as bariatric surgery, hepatopancreasbiliary surgery, or colorectal surgery
- Gain experience in live animal general laparoscopic procedures

EDUCATIONAL METHODS

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

FACULTY

Yosuke SEKI – Japan
Yu-Yin LIU 劉毓寅 –Taiwan
Chung-Wei Lin 林忠葦 –Taiwan
Chien-Hua Lin 林建華 –Taiwan
Chun-min Su 蘇峻民 –Taiwan
Hon Phin WONG 黃漢斌 –Taiwan

Dev-Our Chou 周德敖 – Taiwan
Jing-Jun Ou 歐金俊 – Taiwan
Po-Chih Chang 張博智 – Taiwan
Ming-Hsun Yang 楊明勳 – Taiwan
Shu-Hung CHUANG 莊樹宏 –Taiwan

Saturday, June 22nd - 2019

Registration
08.00 am Welcome to participants and Introduction of the Faculty

08.30-10.00 am Lecture Topics

8.30 am	Importance of training-how to be efficient	- Wayne HUANG
9.00 am	Tips and Tricks of anastomosis in Gastric surgery	- Po-Chih Chang
9.30 am	Lap-suturing technique	- Chun-min Su

10.00-10.30 30' BREAK

10.30-12.30 Outline of Practical session Dry box(2 hours) One participant per station

- Warm up
- Picking up of needle
 - *Press-down technique*
 - *Lift string technique*
 - *Pronation technique*
- Adjustment of needle angles
- Driving through the needles
- Pull the needle
- Knot tying
 - *Near short end*
 - *Make long end parallel to needle holder*
 - *Right hand only rotation*
 - *Proper tightening of knot*
 - *Continuous knot formation*
- Slip knot
- Extracorporeal suture
- Continuous suture
- Left hand suture
- Extreme wheel suture

Lunch break 12:30-1:30

1.30-4.30 Ex Vivo Porcine tissue practice-two participant per station (3 hours)

- Gastrojejunostomy
- Jejunojunostomy
- Laparoscopic stapling(GIA, EEA)
- T-tube placement and suturing of CBD
- Choledochojejunostomy
- Pancreaticojejunostomy

4.30-5.00 pm Debriefing

05.00 pm END OF THE SESSION

5.30 -7.30 pm Dinner Banquet

Sunday, June 23rd - 2019

08.15 am Shuttle Bus from Hotel to IRCAD Taiwan

08.30-9.30 am Lecture Topics

8.30 am	Laparoscopic Nissen Fundoplication	– Yosuke SEKI
8.50 am	Tips and Tricks of suturing in Upper GI surgery	– Yu-Yin LIU
9.10 am	Suturing in single Port surgery	– Shu-Hung HUANG

09.30-10.00 am Pre-lab: Description of the procedure to be performed

10.00-12.30 Live-animal practice 2 participants per station

- Cholecystectomy
- Small bowel resection and anastomosis
- Gastrojejunostomy

***Optional:**

- Nissen Fundoplication
- Gastrectomy
- Splenectomy

Lunch break 12:30-1:30

1.30-4.30 pm Live-animal practice 2 participants per station

- TAPP hernia repair
- Common Bile Duct Exploration and T-tube insertion

***Optional:**

- Dissection of Hepatic pedicle
- Rouex-en-Y Hepaticojejunostomy
- Nephrectomy

4.30-5.00 pm Debriefing

**5.00 pm END OF THE SESSION
DELIVERY OF CERTIFICATE OF ATTENDANCE**