

# Advanced Training Course in Robotic Colorectal Surgery

*IRCAD Taiwan x Fujita Health University Hospital  
Hands-on Workshop*

**February 2-3, 2026**



## **COURSE DIRECTOR**

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## COURSE OBJECTIVES

- To acquire comprehensive knowledge of robotic-assisted gastrectomy and colorectal procedures, including procedure-specific setup and reconstruction techniques.
- To identify and understand key steps, technical tips, and potential pitfalls in robotic-assisted distal/proximal gastrectomy and robotic-assisted anterior/right hemicolectomy.
- To engage in real-time discussions and interactive exchanges with faculty during theoretical sessions and case observations, fostering critical thinking and clinical decision-making skills.
  
- To practice and develop essential robotic surgical techniques in gastrectomy and colorectal procedures through cadaver-based hands-on training under expert guidance.
- To integrate anatomical knowledge, operative strategies, and the appropriate use of energy devices into evidence-based surgical practice.
- To strengthen participants' ability to apply robotic procedures safely and effectively in clinical practice, with optional discussions comparing different robotic platforms (SP, Hugo, Hinotori) through lectures and interactive sessions.

\* Please note that participants may have the opportunity to experience the Hugo system in a dry-box environment or via VR simulation modules, pending ongoing discussions with Medtronic. \*

## February 2<sup>nd</sup> – 3<sup>rd</sup>, 2026 – Colorectal COURSE FACULTY

- ❖ **Peter Chien-Chih CHEN** – Deputy Chief of Department of Surgery, Attending Physician of Colorectal Surgery
- ❖ **Koki Otsuka** – Professor, Chief of Colorectal Surgery, Department of Advanced Robotic and Endoscopic Surgery
- ❖ **Tsutomu Kumamoto** – Senior Assistant Professor, Department of Surgery
- ❖ **Yusuke Omura** – Senior Assistant Professor, Department of Surgery
- ❖ **Gaku Inaguma** – Senior Assistant Professor, Department of Surgery

## February 2<sup>nd</sup> – Colorectal Day 1

### Speaker

|                    |                                                                             |                              |
|--------------------|-----------------------------------------------------------------------------|------------------------------|
| <b>08.00 am</b>    | <b>Introduction</b><br>Didactics 1 – Setup and Port Positioning             | <b>Koki Otsuka</b>           |
| <b>08.30-11.30</b> | <b>Case presentation &amp; Observation in the OR</b>                        |                              |
| <b>11.30-12.30</b> | <b>Lunch Break</b>                                                          |                              |
| <b>12.30-13.00</b> | <b>Didactics 2 – Intracorporeal Anastomosis in Robotic Assisted Surgery</b> | <b>Peter Chien-Chih CHEN</b> |
| <b>13.00-16.00</b> | <b>Case Observation in the OR</b>                                           |                              |
| <b>16.00-17.00</b> | <b>Didactics 3 – Robotic Right Hemicolectomy &amp; Discussion</b>           | <b>Tsutomu Kumamoto</b>      |
| <b>17.00</b>       | <b>End of Session</b>                                                       |                              |
| <b>18:00</b>       | <b>Networking Dinner &amp; Group Photo</b>                                  |                              |

## February 3<sup>rd</sup> – Colorectal Day 2

### Speaker

|                    |                                                                                                                                                        |                     |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>08.00 am</b>    | <b>Introduction</b><br><b>Ethics Education</b>                                                                                                         | <b>TBD</b>          |
| <b>08.30-11.30</b> | <b>PRACTICAL SESSION IN EXPERIMENTAL LABORATORY</b><br>Cadaver Model using Da Vinci Xi System with task description                                    |                     |
| <b>11.30-12.30</b> | <b>Lunch Break &amp; Lecture</b>                                                                                                                       |                     |
| 11.30-12.00        |  <b>Shaping Surgical Intelligence in the Era of Robotic Surgery</b> | <b>Koichi Suda</b>  |
| 12.00-12.30        |  <b>Mastering the Double Bipolar Technique in Robotic Surgery</b>   | <b>Ichiro Uyama</b> |
| <b>12.30-13.00</b> | <b>Didactics 4 – Robotic Anterior Resection</b>                                                                                                        | <b>Gaku Inaguma</b> |
| <b>13.00-16.30</b> | <b>PRACTICAL SESSION IN EXPERIMENTAL LABORATORY</b><br>Cadaver Model using Da Vinci Xi System with task description                                    |                     |
| <b>17.00</b>       | <b>End of the Course</b>                                                                                                                               |                     |