

# DISSECTION TECHNIQUES IN LYMPHATIC MICROSURGERY- HANDS ON LIVE ANIMAL MODEL

**CENTRO DE CIRUGÍA DE MÍNIMA INVASIÓN**  
**Caceres- Spain, 18 - 19 September 2025**

## **FACULTY:**

- Edward I. Chang *(USA)*
- J.P. Hong *(Korea)*
- Jaume Masià *(Spain)*
- Peter Neligan *(USA)*
- Gemma Pons *(Spain)*
- Sinikka Suominen *(Finland)*
- Takumi Yamamoto *(Japan)*

### **FOR FURTHER INFORMATION:**

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**RECONSTRUCTIVE MICROSURGERY**  
EUROPEAN SCHOOL

# THURSDAY, 18 SEPTEMBER 2025

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08:00 - 8:15 h **Welcome**

08:15 - 9:45 h **LECTURES - SESSION 1**

- What is the institute? Animal treatment. How to work in the animal lab. *E. Abellán*
- How to work in the animal lab. *J. L. Campos*
- Non-live animal model. *S. Suominen*
- In search of the ideal animal model for lymphatic surgery training. *J. L. Campos*
- Rabbit animal model. *G. Pons*
- The Lymphatic System: Anatomy and Physiopathology. *E. I. Chang*

9:45 - 10:15 h **LECTURES - SESSION 2**

- Basic principles in high-definition microscopy. *T. Dymek*
- LVA: technical tricks and tips. *T. Yamamoto*
- Imaging of the lymphatic system. *G. Pons*

10:15 - 10:45 h **Coffee Break**

10:45 - 11:15 h **WORKSHOP 1**

Workshop in ICG Lymphography– Fluorescence with  
FLUOBEAM® LM . advanced applications in  
reconstructive microsurgery. *J. Masià / D. Robin*



11:15 - 13:00 h **PRACTICAL SESSION 1**

- Mapping of the Lymph vessels of the lower limb by ICG scanner
- Lymph vessels dissection of the lower limbs

13:00 - 14:00 h **Lunch Break**

KEYNOTE LECTURE

- 14:00 - 14:15 h
- **Symani: The supermicrosurgical robot. Principles and future.** *J.P. Hong*

14:15- 18:00 h **PRACTICAL SESSION 2**

- LVA: end-to-end /end-to-side / side-to-side
- Supermicrosurgical anastomosis training in silicone tube model

# FRIDAY, 19 SEPTEMBER 2025

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## 08:00 - 09:20 h LECTURE - SESSION 3

- Functional vascularised lymph node transfer: anatomy, technique, donor site. *J. Masià*
- LVA Technical tricks and tips. *E. I. Chang*
- Reverse mapping in lymph node transfer. *G. Pons*
- Pre/ Post operative conservative treatment and follow-up. *All faculty*

## 09:00 - 10:00 h WORKSHOP 2

Ultrasound visualization of the Lymphatic vessels: a new tool for pre-operative planning. *J.P. Hong*

## 10:00 - 10:30 h Coffee Break

## 10:30 - 13:00 h PRACTICAL SESSION 3

- Mapping of the lymph nodes of the lower limb by ICG scanner
- Lymph nodes dissection of the popliteal area

## 13:00 - 14:00 h Lunch Break

## 14:00 - 18:00 h PRACTICAL SESSION 4

- Free Lymph-nodes transfer of the popliteal areas:  
right to left/ left to right
- Supermicrosurgical anastomosis training in silicone tube model





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