



Reconstructive Microsurgery
European School



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

**Diagnostics, indications, treatment options,
postoperative care and practical training**

28th – 30th November 2022

Chairs

- Isao Koshima
- Jaume Masià
- Sinikka Suominen

Lab Technicians

- Elena Abellán (Spain)
- José Luis Campos (Spain)

Faculty

- Isao Koshima (Japan)
- Takumi Yamamoto (Japan)
- Jaume Masià (Spain)
- Gemma Pons (Spain)
- Sinikka Suominen (Finland)
- Joon Pio Hong (Korea)

Welcome

- What is the institute? Animal treatment. How to work in the animal lab . *E. Abellán*
- Non-live animal model. *S. Suominen*
- Rabbit animal model. *G. Pons*
- Pig animal model. *E. Abellán*

SESSION 1

- The lymphatic system: Anatomy and physio-pathology . *J.P. Hong*
- Lymphatic disorders. *S. Suominen*
- Imaging of the lymphatic system. *G. Pons*
- Surgical approach to the Lymphatic System. *J. Masià*

Coffee Break

PRACTICAL SESSION 1

Identification and dissection of lymph vessels in the groin and neck by using PDE device

Lunch Break

SESSION 2

- LVA: The Japanese contribution to the lymphedema surgery. *I. Koshima*
- How to get started with LVA. *J.P. Hong*
- LVA: Technical tricks and tips. *T. Yamamoto*
- Ultrasound visualization of the lymphatic vessels: a new tool for pre-operative planning
T. Yamamoto

PRACTICAL SESSION 2

Microsurgical Lymphatico-venous anastomosis in the neck and groin

Course dinner



29th November 2022

SESSION 3

- Free lymph-node transfer: anatomy, technique, donor site. *S. Suominen*
- Donor site options for lymph node transfer. *I. Koshima*
- Shadows and limitations in lymph node transfer. *J. Masià*
- Reverse mapping in lymph node transfer. *G. Pons*

Coffee Break

PRACTICAL SESSION 3

LNT in the groin

Lunch Break

PRACTICAL SESSION 4

LNT in the neck and choice of repeating a previous exercise

30th November 2022

KEYNOTE LECTURE

Research and training in supermicrosurgery. *J.P. Hong*

SESSION 4

- Pre/Post operative conservative treatment and follow-up. *G. Pons/ T. Yamamoto*
- How to treat lymphatic fistulas and lymphorrhea. *T. Yamamoto*
- How to set up a lymphedema network in Korea vs Europe. *J.P. Hong / J. Masià*
- Insights in lymphedema surgery. *I. Koshima*

VIDEOSURGERY SESSION

- LVA. *T. Yamamoto*
- Vascularised lymph node transplantation. *J. Masià*

Practical case discussion

(All faculty)

