



Reconstructive Microsurgery
European School



3RD DISSECTION TECHNIQUES IN LYMPHATIC MICROSURGERY- HANDS ON LIVE ANIMAL MODEL

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

18th - 19th October 2021

Chairs:

- > Isao Koshima
- > Jaume Masià
- > Sinikka Suominen

Faculty:

- > Isao Koshima (Japan)
- > Takumi Yamamoto (Japan)
- > Jaume Masià (Spain)
- > Gemma Pons (Spain)

- > Sinikka Suominen (Finland)
- > Joon Pio Hong (Korea)

Lab Technicians

- > Alberto Ballestin (Spain)

Monday 18th October 2021

- 08:00 - 08:15 h **Welcome**
- 08:15 - 09:00 h
- What is the institute? Animal treatment. How to work in the animal lab (*A. Ballestin*)
 - Non-live animal model (*S. Suominen*)
 - Rabbit animal model (*G. Pons*)
 - Pig animal model (*A. Ballestin*)
 - Basics-PDE-Microscopes-Microinstruments (*T.Yamamoto*)
- 09:00 - 10:30 h **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*)
- 10:30 - 11:00 h **Coffee Break**
- 11:00 - 13:00 h **PRACTICAL SESSION 1**
- Identification and dissection of lymph vessels in the groin and neck by using PDE device
- 13:00 - 14:00 h **Lunch Break**
- 14:00 - 18:00 h **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
- 20:30 h **Course dinner**

Tuesday 19th October 2021

- 08:00 - 09:30 h **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*)
- 09:30 - 10:00 h **Coffee Break**
- 10:00 - 12:00 h **PRACTICAL SESSION 3**
- LNT in the groin
- 12:00 - 13:30 h **Lunch Break**
- 13:30 - 18:30 h **PRACTICAL SESSION 4**
- LNT in the neck and choice of repeating a previous exercise

Wednesday 20th October 2021

- 08:30 - 09:00 h **KEYNOTE LECTURE**
- Research and training in supermicrosurgery (*J.P Hong*)
- 09:00 - 11:00 h **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 USA vs Europe (*J.P Hong / J. Masià*)
 - Insights in lymphedema surgery (*I. Koshima*)
- 11:00 -12:00 h **VIDEOSURGERY SESSION:**
- LVA (*T. Yamamoto*)
 - Vascularised lymph node transplantation
- 12:00-13:00 h **Practical case discussion** (*All faculty*)

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Elena Mohedano, RMES Project Manager
elena.mohedano@rmes.es
00 34 93 5565505

Course venue

Centro de Cirugía de Mínima Invasión Jesús Usón (CCMIJU)
Ctra N-521, km. 41· 10004 Cáceres (Spain) · 927 18 10 32

If you have any questions or need more information please contact us: lymphaticmicrosurgerycourse.com