



**Reconstructive Microsurgery**  
*European School*



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

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

**9th - 10th December 2019**

**Chairs:**

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

**Faculty:**

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

## Monday 9<sup>th</sup> December 2019

### 08:00 - 08:30 h Introduction

What is the institute? Animal treatment.  
How to work in the animal lab (*A. Ballestin*)

### 08:30 - 10:30 h SESSION 1

- Lymphatic disorders (*S. Suominen*)
- Imaging of the Lymphatic System (*G. Pons*)
- Surgical approach to the Lymphatic System. (*J. Masià*)
- LVA: The Japanese contribution. (*I. Koshima*)
- LVA: Technical tricks and tips (*T. Yamamoto*)
- Pig animal model. (*G. Pons*)
- Non-live animal model. (*J. Masià*)

#### Videosurgery LVA

### 10:30 - 10:45 h Coffee Break

### 10:45 - 14:30 h Practical Session 1

Basics-PDE-Microscopes-Microinstruments

#### Practical Session 2

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

### 14:30 - 15:00 h Lunch Break

### 15:30 - 19:00 h Practical Session 3

Microsurgical Lymphovenous (LVA) & multiple Lymphovenous (MLVA) anastomosis Neck & Groin

### 20:30 h Course dinner

## Tuesday 10<sup>th</sup> December 2019

### 08:00 - 10:30 h SESSION 1

- Free lymph-node transfer: anatomy, technique, donor site (*S. Suominen*)
- Shadows and limitations in lymph node transfer (*J. Masià*)
- Multiple lymphovenous anastomosis (MLVA). (*G. Pons*)
- LVA: advanced tricks and tips. (*G. Pons / T. Yamamoto / J. Masià*)
- PRE / POST operative conservative treatment and follow up. (*S. Suominen / T. Yamamoto / J. Masià*)
- How to treat lymphatic fistulas (*I. Koshima*)
- How to set up a lymphedema network (*J. Masià*)
- Possibilities of the robotics in microsurgery: making more feasible and reliable the technique (*G. Malzone*)

#### Videosurgery vascularised lymph node transplantation

### 10:30 - 10:45 h Coffee Break

### 10:45 - 14:30 h Practical Session 4

LNT Groin

### 14:30 - 15:00 h Lunch Break

### 15:30 - 19:00 h Practical Session 5

LNT Neck & Choice of repeating a previous exercise

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

[lymphaticmicrosurgerycourse.com](http://lymphaticmicrosurgerycourse.com)

## COURSE VENUE

CENTRO DE CIRUGÍA DE MÍNIMA  
INVASIÓN JESÚS USÓN (CCMIJU)

Carretera N-521, km. 41  
10004 Cáceres (Spain) · 927 18 10 32

## CONTACT

**Elena Mohedano**

RMES Project Manager  
[elena.mohedano@rmes.es](mailto:elena.mohedano@rmes.es)  
00 34 93 5565505