

MICROVASCULAR SURGERY TRAINING USING SMALL ANIMAL MODEL

CENTRO DE CIRUGÍA DE MÍNIMA INVASIÓN
Caceres- Spain, 17 - 19 September 2025

FACULTY:

- S. López
- C. Vega
- E. Abellán
- J.L. Campos
- J. Vela
- L. Pires



FOR FURTHER INFORMATION:

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RECONSTRUCTIVE MICROSURGERY
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OBJECTIVES

The course objective is to offer basic concepts, theoretical and practical of vascular and nervous microsurgery using a small animal model (rat). The course it's mainly practical. However, before every practice there is a theoretical explanation insisting on topics for clinical application.

It's an Intensive training course for beginners in microsurgery to achieve basic micro-surgical skills.

At the end of the module the student must pass a practical examination consisting of end-to-end anastomosis of femoral artery and end-to-side anastomosis between carotids.

WEDNESDAY 17 SEPTEMBER 2025

8.30 - 8.45 h Registration

8.45 - 10.15 h LECTURE SESSION

- 8.45 h Management of small animal in microsurgery (*J.L. Campos*)
- 9.00 h Management of microscope & microsurgical instruments (*S. López*)
- 9.15 h Anastomosis techniques in artery (*C. Vega*)
- 9.30 h Anastomosis techniques in vein (*C. Vega*)
- 9.45 h Regional approaches: cervical - inguinal - abdominal (*L. Pires*)

10.15 - 13.00 h PRACTICE SESSION

End-to-end anastomosis of carotid artery

13.00 - 14.00 h Lunch break

14.00 - 17.00 h PRACTICE SESSION

End-to-end anastomosis of femoral artery



THURSDAY 18 SEPTEMBER 2025

8.45 - 14.30 h PRACTICE SESSION

8.45 h End-to-side anastomosis between carotid arteries

11.30 h Arterio-venous fistula in femoral vessels

14.30 - 15.15 h Lunch break

15.15 - 18.00 h PRACTICE SESSION

15.15 h End-to-end anastomosis in jugular vein

17.00 h Aorto-iliac end-to end anastomosis

FRIDAY 19 SEPTEMBER 2025

9.00 - 13.00 h PRACTICAL EXAM

End-to-end anastomosis of femoral artery

End-to-side anastomosis between carotid arteries

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