



M6

Clinical training in microsurgical reconstruction of the lower limb

MRM | International Master's Degree in Reconstructive Microsurgery

Helsinki, 25th - 27th January 2021

Module coordinator: Sinikka Suominen

Faculty

- Professor J. Masià
- Professor JP. Hong
- Professor M. Innocenti
- Professor D. Schaefer
- Dr M. Fernandez Garrido
- Professor E. Tukiainen
- Dr M. Rönty
- Professor J. Vuola
- Associate Prof. S. Suominen
- Associate Prof. P. Vikatmaa
- Associate Prof. A. Lindford
- Associate Prof. N. Lindfors
- Dr S. Auro
- Dr J. Jyränki
- Dr L. Pulliainen
- Dr K. Laurila - *Course co-secretary*
- Dr J. Salo - *Course co-secretary*

FOR FURTHER INFORMATION:

Ms. Elena Mohedano (Course Coordinator)

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Reconstructive Microsurgery
European School

Monday 25th of January 2021

15.00 - 15.15 h Welcome (S. Suominen, E. Tukiainen, J.Masià)

15.15 - 17.00 h **LECTURE SESSION: Principles in lower Limb reconstruction**

- Fundamentals of the lower limb microsurgical reconstruction (*M. Innocenti*)
- Indications and advantages of propeller flaps (*J. Masià*)
- Soft tissue reconstruction of traumatic defects of the lower limbs / Algorithm for selecting perforator flaps for lower extremity reconstruction (*JP. Hong*)
- Principles of osteomyelitis surgery (*M. Innocenti*)
- Bone substitutes (*N. Lindfors*)
- Commercial presentation Bonalive bone substitute
- Negative pressure wound therapy, a compliment to the flap covering (*L. Pulliainen*)

Discussion time

17.00 - 18.00 h **VIDEO SURGERY SESSION**

Moderators: J. Masià / J. Salo / K Laurila

Discussion time

18.00 - 19.00 h **COMPLEX CASES DISCUSSION**

Complex cases presented by students
All faculty

Tuesday 26th of January 2021

15.00 - 17.00 h **LECTURE SESSION: Essential concepts in sarcomas of the lower limb**

- Classification and pathology of soft tissue sarcomas (*M.Rönty*)
- Principles in surgical management of sarcomas (*E. Tukiainen*)
- The role of microsurgery in the treatment of sarcomas (*M. Innocenti*)
- The role of local flaps in the treatment of sarcomas (*M. Fernandez*)

Discussion time

17.00 - 18.00 h **LIVE SURGERY SESSION**

Moderators: J. Jyränki / E. Tukiainen / M. Innocenti

Discussion time

18.00 - 19.30 h **LECTURE SESSION: Diabetic foot**

- The pathophysiology of the Diabetic foot (*L. Laurila*)
- The role of microsurgery in Diabetic foot (*JP. Hong*)
- Deformity Correction of the Diabetic Foot (*S. Auro*)
- Foot and ankle reconstruction (*D. Schaefer*)

Discussion time

Wednesday 27th of January 2021

15.00 - 17.00 h

LECTURE SESSION

- Principles in the treatment of open fractures (*Dr Simons*)
- Principles of External fixation (*J. Salo*)
- Multidisciplinary collaboration of plastic surgeons and vascular surgeons
 - Ischemic foot, diabetic foot, oncovascular surgery, ILP (*P. Vikatmaa, E. Tukiainen*)
- Ortoplastic amputations and reconstruction (*E. Tukiainen*)
- The role of free flaps in burn sequelae (*J. Vuola*)
- Macroreplantation (*E. Tukiainen*)
- Perforator to perforator supermicrosurgery (*JP. Hong*)

Discussion time

17.00 - 18.00 h

LIVE SURGERY SESSION

Moderators: JP. Hong / L. Laurila / M. Fernandez

Discussion time

18.00 - 19.00 h

COMPLEX CASES DISCUSSION

Complex cases presented by students

All faculty

Sponsored by **bonalive**

