

# Copenhagen Microsurgery Course

Using a small animal model



This is an intensive three-day practical course to learn the key skills and intricate techniques of microvascular surgery.

September 17-19, 2025, from 9:00 am – 5:00 pm

SOCIAL DINNER: SEPTEMBER 18, 2025

## Target audience

The course is designed to impart technical skills for surgeons who want to practice clinical microvascular surgery. It is aimed at surgical specialists and specialists in training, with or without previous microsurgical experience. This includes plastic surgeons, hand surgeons, orthopedic surgeons, neurosurgeons, vascular surgeons, and urological surgeons.

## Course setup

Each participant is provided with an independent operating microscope, instruments, and sutures. The emphasis during the course is on practical training in an in-vivo model (rat model). The course is conducted in English by multiple instructors, who closely monitor the practical sessions and provide continuous one-on-one guidance to the participants.

## Teaching Faculty

The teaching faculty will comprise of microsurgeons and laboratory technicians who regularly use microsurgical techniques. This ensures participants will receive optimal guidance throughout the course.

## Course Objective

- Understand the basics of microsurgery techniques
- Perform basic microvascular anastomoses (end-to-end arterial, end-to-end venous, end-to-side vascular anastomosis and interpositional vein grafts)
- Understand the basics of nerve repair (optional)
- Perform nerve coaptation (optional)
- Perform free flap transfer in a rat model (optional)

QR code for registration



**Course directors**

Lea Juul Nielsen, Microsurgeon (lea.juul.nielsen@regionh.dk)

Department of Plastic and Reconstructive Surgery, Copenhagen University Hospital

Peter Fryd Birkeland, Microsurgeon

Department of Neurosurgery, Copenhagen University Hospital

Trine Schønfeldt, MD, PhD-student

Leo Foundation Skin Immunology Research Center, University of Copenhagen

**Teachers**

Taiba Alrasheed, Microsurgeon

Department of Plastic and Reconstructive Surgery, Zealand University Hospital

Rami Mossad Ibrahim, Plastic Surgeon

Department of Plastic and Reconstructive Surgery, University Hospital Herlev

**Available spots**

12 participants

**Workload**

Course material will be sent out a month in advance.

We will start every morning with a plenary session continued by practical exercises. The course is a hands-on course with individual work under the microscopes with supervision by the instructors.

**Place**

University of Copenhagen, Frederiksberg Campus, Dyrølægevej 45, DK-1870 Frederiksberg

**Price**

The fee for the three-day course is 900 EUR\*

*\*The fee is including lunch, coffee, tea, afternoon snack, beverage, and the social dinner (optional)*

**Registration (open April 11 - August 18)**

<https://emed.ku.dk/courses/microsurgery-for-surgeons/>.