

Programm Microsurgerycourse 2024

Day 1

08:15-08:20	Opening Session
08:20-09:15	„Microsurgery in clinical reality: algorithm in micro- and macroreplantations“ (Prof. Dr. Esther Vögelin)
09:15-09:30	ZEISS- ergonomics and principles of Microscopy
09:30-09:45	Coffee Break
09:45-10:30	Basic principles of anaesthesia management in rodents undergoing surgical procedures (Dr. Daniela Casoni)

Practice with non-living models

10:30-11:45	Demonstration of suture and knot techniques on silicon tubes
11:45-12:00	Participants: suture techniques on silicon tubes with 6-0 sutures
12:00-12:15	Demonstration end-to-end anastomosis on silicon tubes
12:15-13:00	Participants: end-to-end anastomosis on silicon tubes
13:00-13:45	<i>Lunch all together</i>
13:45-14:45	Participants: end-to-end anastomosis on silicon tubes
14:45-16:45	Demonstration and practice of participants on earthworms

Day 2

Practice with rats and/or porcine coronary arteries/ simulator “Mycro” by UpSurgeOn.com

08:15-08:45	Demonstration end-to-end anastomosis on the common carotid artery
08:45-11:00	Participants: end-to-end anastomosis on the common carotid artery and/or end-to-end anastomosis on porcine coronary arteries and/or simulator
11:00-13:00	Participants: end-to-end anastomosis on the common carotid artery
11:00-13:00	<i>Lunch Break depending on the individual workflow</i>
13:00-17:00	Participants: end-to-end anastomosis on the common carotid artery

Day 3 *Practice with rats and/or porcine coronary arteries/ simulator “Mycro” by UpSurgeOn.com*

- 08:15-09:30 Demonstration of end-to-side venous-arterial anastomosis
(jugular vein to common carotid artery)
- 09:30-10:30 Participants: end-to-end anastomosis on the common carotid artery and/or
end-to-end anastomosis on porcine coronary arteries and/or on simulator
- 10:30-13:00 Participants: end-to-side venous-arterial anastomosis
- 11:00-13:00 *Lunch Break depending on the individual workflow*
- 13:00-17:00 Participants: end-to-end (carotid or femoral artery) or end-to side venous-arteria
anastomosis

Day 4 *Practice with rats*

- 08:15-13:00 Participants: end-to-side anastomosis (jugular vein to common carotid artery)
- 11:00-13:00 *Lunch Break depending on the individual workflow*
- 13:00-16:30 Participants: end-to-end anastomosis of the common carotid artery,
and/ or end-to-end of the femoral artery
- 16:30 Discussion and closing session