Programm Microsurgerycourse 2024

Day 1

08:15-08:20 Opening Session
08:20-09:15 „Microsurgery in clinical reality: algorhythm 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 Lunch all together
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 Lunch Break depending on the individual workflow
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-arterial 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