Wake Forest® School of Medicine

Institute for Regenerative Medicine

Core Microsurgery Skills Course

Course Director: Vijay Gorantla, MD, PhD

Course Leaders: Fatih Zor, MD; Yalcin Kulahci, MD; & Huseyin Karagoz, MD, PhD

Location: Wake Forest Institute for Regenerative Medicine, Winston-Salem, North Carolina

Core Microsurgery Skills Course

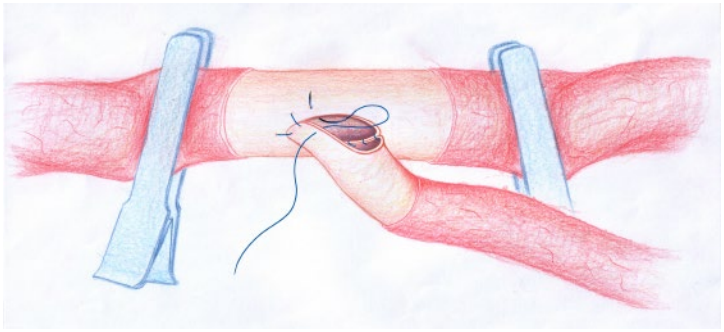
About The Course

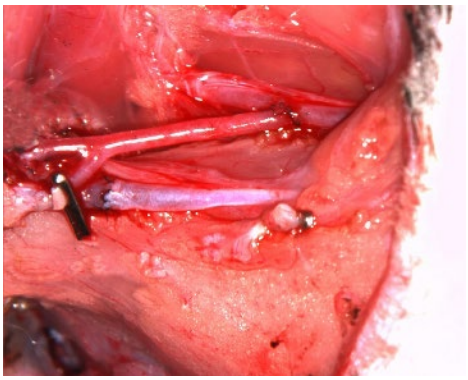
Training in Microsurgery is directed to surgeons in the following specialties: general surgery, neurosurgery, urology, gynecology, otolaryngology, as well as plastic, orthopaedic and hand surgery. The course focuses on nerve repair and tissue transplantation for trainees in those specialties and researchers who seek training in practical microsurgery at the basic level. The microsurgery course is held on a weekly basis throughout the year. The five day course runs from 8:00am to 5:00pm Monday through Friday at the discretion of the Institute for Regenerative Medicine. The microsurgery laboratory accommodates one trainee at a time for direct one-on-one teaching. The course uses videotapes and direct one-on-one teaching. All surgical procedures are performed on experimental rats. All instruments, suture material, and microscopes used are of the highest standards available.

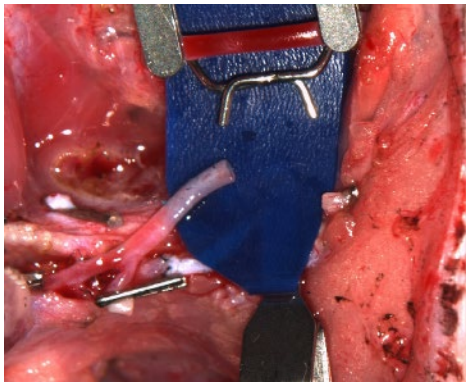
The basic course will introduce the use of an operating microscope, microinstruments and microsuture.

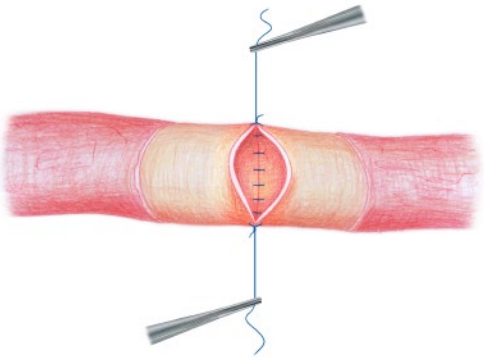
Objectives: Participants will be trained in vessel dissection, varying microsurgical techniques, arterial and venous end-to-end and end-to side anastomosis, and preparation and placement of vascular grafts.

Techniques: Basic suturing using suturing pads, vessel dissection, vessel preparation for the anastomoses, end-to-end arterial anastomoses, end-to-side arterial anastomoses, end-to-end venous anastomoses, end-to-side venous anastomoses, interpositional vein grafts, arterial grafts.









Core Microsurgery Skills Course

General Information

For further information about the Microsurgery course, contact Fatih Zor, MD, Wake Forest School of Medicine; Wake Forest Institute for Regenerative Medicine, Microsurgery Lab, fzor@wakehealth.edu.

Cancellation Policy

If you are unable to attend or need to cancel the course, please notify the CME office immediately at 336-713-7700. A full refund will be issued if you inform WFIRM two weeks prior to the course date. If you cancel after this time, a $100.00 cancellation fee will be deducted from your refund. Written notification of your cancellation is required in order to process your refund.

Accreditation Statement

The Wake Forest University Health Sciences is accredited with commendation by the Accreditation council for Continuing Medical Education (ACCME®) to provide continuing medical education. The ACCME designates this live activity for a maximum of 40 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

Americans with Disabilities Act

The Wake Forest Institute for Regenerative Medicine fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify Fatih Zor at least two weeks prior to the activity.

Location

The Microsurgery course will be held at the Institute for Regenerative Medicine, located at 391 Technology Way, Winston-Salem, NC, 27101. Parking is available in Visitor's Parking Garage next to the building.

Hotels

Downtown Winston-Salem hotels offer special discount rates for guests of the Institute for Regenerative Medicine. Please contact them to book accommodations. Participants are responsible for making their own accommodation arrangements.

Winston-Salem Marriott
425 North Cherry Street,
Winston-Salem, NC 27101
800-770-5675

Fairfield Inn and Suites by Marriott
125 S. Main Street,
Winston-Salem, NC 27101
336-714-2800

The Cardinal Hotel (a Kimpton property)
51 E 4th Street,
Winston-Salem, NC 27101
1-800-KIMPTON

Core Microsurgery Skills Course Program

Course Director: Vijay Gorantla, MD, PhD

Monday

8:00-9:00a	Introduction to microsurgery
9:00-9:15a	Demonstration of suture and knot techniques on silicon tubing with 6-0 suture
9:15-11:40a	Participants: Suture technique practice by silicon tubing with 6-0 suture
11:40a-12:00p	Demonstration end to-end anastomosis on silicon tubing with 6-0 suture
12:00-1:00p	Lunch
1:00-5:00p	Participants: End to-end anastomosis on silicon tubing with 6-0 suture

Tuesday

8:15-8:45a	Demonstration of end-to-end anastomosis on femoral artery of rat
9:00a-12:00p	Participants: End-to-end anastomosis on femoral artery of rat
12:00-1:00p	Lunch
1:00-5:00p	Participants: End-to-end anastomosis on femoral and common carotid artery of rat

Wednesday

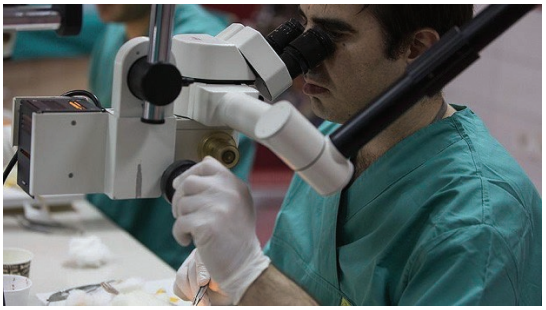
8:15-8:45a	Demonstration of end-to-end anastomosis on femoral vein of rat
8:45a-12:00p	Participants: End-to-end anastomosis on femoral vein of rat
12:00-1:00p	Lunch
1:00-5:00p	Participants: End-to-end anastomosis on femoral vein of rat

Thursday

8:15-8:45a	Demonstration of end-to-side anastomosis (femoral vein to femoral artery) on rat
8:45a-12:00p	Participants: End-to-side anastomosis (femoral vein to femoral artery) on rat
12:00-1:00p	Lunch
1:00-5:00p	Participants: End-to-side anastomosis, jugular vein to common carotid artery of rat

Friday

8:15-8:45a	Demonstration of nerve coaptation (sciatic nerve)
8:45a-12:00p	Participants: Sciatic nerve repair and autograft
12:00-1:00p	Lunch
1:00-4:30p	End-to-side anastomosis, or end-to-end anastomosis on common carotid artery and femoral vessels
4:30-5:00p	Overview, certification and course closure



Microsurgery Course Application

Microsurgey Five Day Training Course

Registration and Course Materials: $2,000 for external applicants
$1,500 for internal applicants (Wake Forest Baptist Health)

Rolling acceptance as space becomes available. A course facilitator will contact you to arrange dates for attendance. Confirmation will occur by personal phone call and email.

Course Registration

Full Name _____

Address _____

City/State/Zip _____ Country _____

Email _____

Home Phone _____ Office Phone _____

Specialty _____

Payment

For credit card payees only - in order to expedite your registration, please fax or email form to:
Wake Forest Institute for Regenerative Medicine, Attn: Fatih Zor, 336-713-7290 (fax)

☐ Visa ☐ Mastercard ☐ American Express ☐ Discover

Card Number _____ Exp Date _____

Signature (not valid without signature) _____

To pay by check, make checks payable in US dollars to **Wake Forest Institute for Regenerative Medicine** and mail to:
Wake Forest Institute for Regenerative Medicine
391 Technology Way
Winston-Salem, NC 27101, USA

For questions, contact Fatih Zor, MD
Wake Forest School of Medicine
Wake Forest Institute for Regenerative Medicine
Microsurgery Lab
fzor@wakehealth.edu