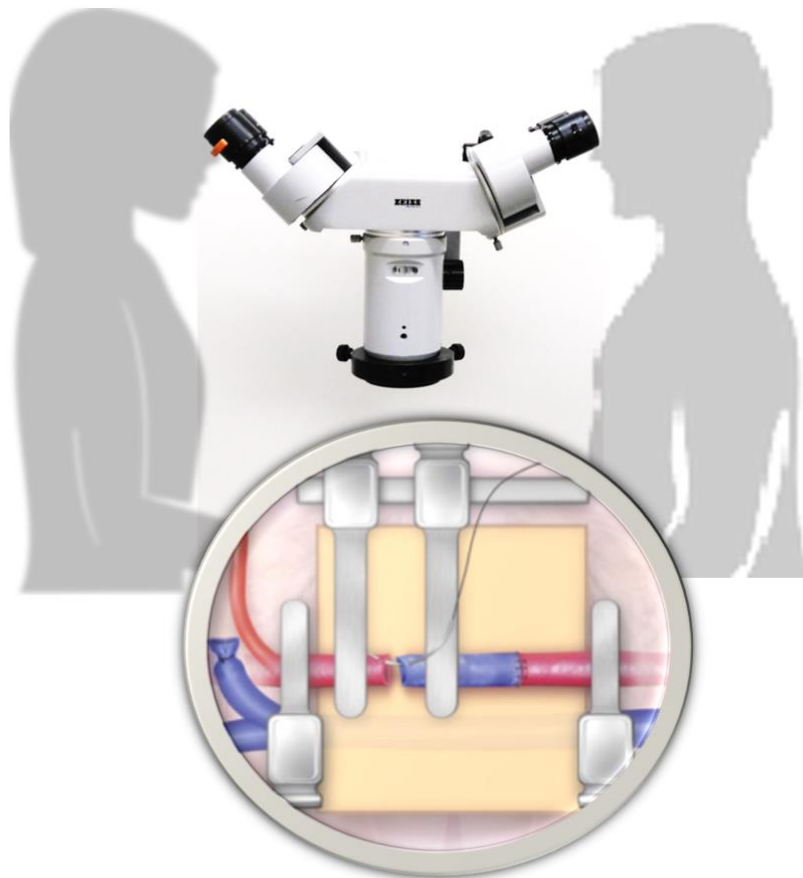


MICROSURGERY TRAINING COURSES

Maria Siemionow, MD, PhD, DSc

**Hand Surgery and Peripheral Nerve Surgery
Director of Microsurgery Research
Department of Orthopaedics
The University of Illinois at Chicago**



Microsurgery Training Courses

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 courses are also directed to trainees in those specialties and researchers who seek training in practical microsurgery at either of two levels, basic or advanced. Microsurgery courses are held on a weekly basis throughout the year. The five day course runs from 9:00am to 5:00pm Monday through Friday at the discretion of the Department of Orthopaedics. All application forms will be followed up by a phone call and confirmed by mail. The Microsurgery Research Laboratory accommodates a maximum of three trainees at a time. The courses use 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. Each trainee will have access to both a Zeiss and Leica operating microscopes and one-on-one instruction.

Basic Microsurgery Course

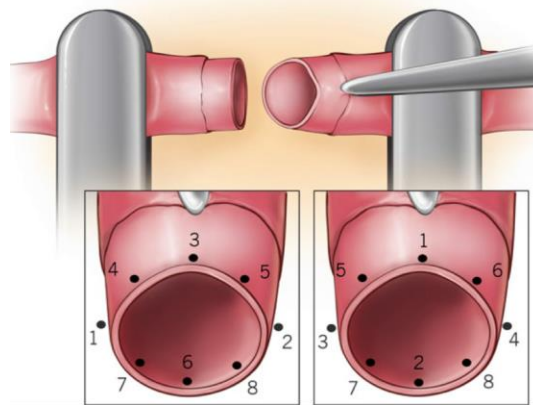
The **Basic Course** will introduce the use of an operating microscope, microinstruments and microsuture.

Course objectives:

As a result of attending this course, participants will acquire skills for microsurgical dissection under operating microscope, will be trained in vessel dissection, various microsurgical techniques, including arterial and venous end-to-end and end-to-side anastomoses, and preparation and placement of vascular grafts.

Basic Course 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



Advanced Microsurgery Course

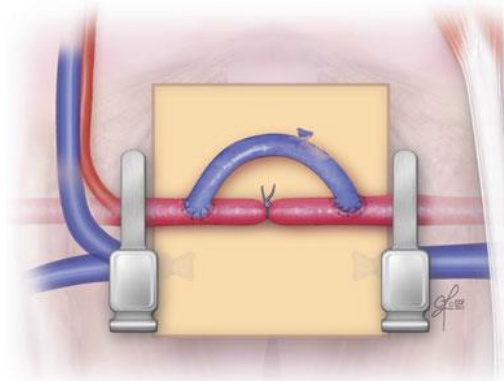
The **Advanced Course** is offered to individuals who have completed the Basic Microsurgery Course.

Course objectives:

As a result of attendance, the participants will be able to raise, release and re-vascularize cutaneous, muscular and composite free tissue transfers and practice limb replantation. In addition teaching of advanced microvascular techniques (e.g. bypass or a-v shunts) will be available.

Advanced Course Techniques:

- End-in-end (sleeve) anastomosis
- Arterial bypass
- Venous bypass
- A-V shunts
- Free groin flap
- Hind limb replantation
- Lymph node flap



Microsurgery Training Courses

Specialty-Oriented Microsurgery Course

The **Specialty-Oriented Course** is tailored for individual participants with interest of applying microsurgical techniques to nerves, fallopian tubes, and vas deferens. After 3 days of acquiring microsurgical skills by performing end-to-end anastomoses, trainees will then be able to practice their requested model of interest.

Course Objectives:

As a result of attending this course, participants will be able to become familiar with microsurgical techniques related to the fields of their particular interest such as: urology, neurosurgery, gynecology, and otolaryngology.

Specialties and Techniques:

Urology:

- Vasovasostomy
- Vasoepididymostomy

Neurosurgery:

- Epineural end-to-end nerve repair
- Fascicular end-to-end suturing
- End-to-side nerve repair
- Conventional nerve grafting
- Vascularized nerve grafting
- Arterial and venous anastomosis in the brain region on request

OB/GYN:

- Fallopian tube anastomosis

ENT:

- Dissection and anastomosis of nerves and vessels in the laryngeal region on request



Advanced Courses in Experimental Models

The **Advanced Course** offer a novel approach to introduce sophisticated experimental models as a part of microsurgical and research training. The participants of this course will have individual tutorials and presentations on requested experimental models. The validity of models for experimental design as well as pitfalls and success prerequisites will be discussed with participants on daily basis.

Available Experimental Models:

- Rat hind-limb replantation rat
- Hind-limb transplantation
- Face transplantation
- Laryngeal transplantation
- Free tissue transfer
- Rat cremaster muscle flap preparation



Microsurgery Training Courses

General Information

For further information about the Microsurgery Courses, call the following numbers:

Phone: (312) 996-2578

Fax: (312) 413-8775

Cancellation Policy

If you are unable to attend or need to cancel the course, please notify our office immediately at (312) 996-2578. A full refund will be issued if you inform UIC within two weeks prior to the course date. If you cancel after this time, a \$400.00 cancellation fee will be deducted from your refund to cover non-refundable materials. Written notification of your cancellation is required in order to process your refund.

Accreditation Statement

The University of Illinois at Chicago Office for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Illinois at Chicago Office for Continuing Education 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 University of Illinois at Chicago Office for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please contact our office (312) 996-2578 at least one month prior to the activity.

Location

The Microsurgery Research Laboratory is located at: Molecular Biology Research Building (MBRB) 900 South Ashland Avenue, Room 3356 Chicago, Illinois 60607

Parking

Parking is available in the Paulina Street Parking Lot for \$13 per day. The parking lot is located across the street from the MBRB on Marshfield Avenue.

Accommodations

Chicago Marriott at Medical District/UIC

625 S. Ashland Avenue

Chicago, IL 60607

Phone: (312) 491-1234

UIC Guest Housing

1933 West Polk Street, Chicago, IL 60612

Phone: (312) 355-6317



Microsurgery Training Courses

Course Application Form | Microsurgery Five Day Training Courses

Registration & Course Materials Fee:	\$2,000.00
<input type="checkbox"/> Basic Microsurgery Training Course	
<input type="checkbox"/> Advanced Microsurgery Training Course	
<input type="checkbox"/> Specialty-Oriented Microsurgery Course	
Area of Interest _____	
<input type="checkbox"/> Experimental Models Course	
Model of Interest _____	

Desired dates for attending the course:
1st choice:
2nd choice:
3rd choice:

Course registration will be confirmed by a personal phone call and followed up by email.

Full Name _____

Address _____

City/State/Zip _____ Country _____

Email _____

Home Phone _____ Office Phone _____

Specialty _____

Make checks payable in US dollars to: The University of Illinois at Chicago

**Mail to: The University of Illinois at Chicago
 Microsurgery Course
 C/O Department of Orthopaedics
 900 South Ashland Avenue, 3356 MBRB
 Chicago, IL 60607**

APPLICATION FORMS MAY BE DUPLICATED.