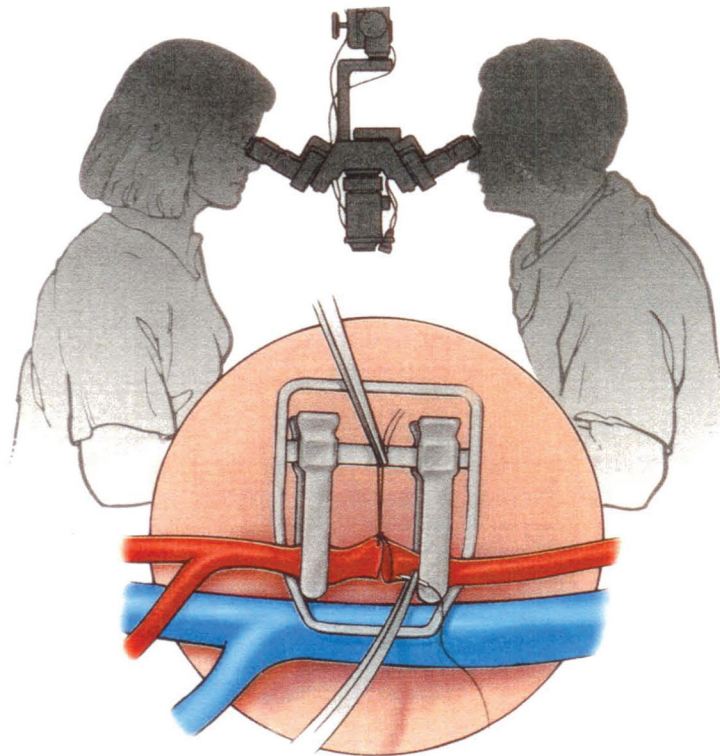




Microsurgery Training Courses

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Cleveland Clinic
Cleveland, Ohio



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 8:30am to 5:00pm Monday through Friday at the discretion of the Department of Plastic Surgery. All application forms will be followed up by a phone call and confirmed by mail. The microsurgery laboratory accommodates a maximum of five 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 a Zeiss microscope and one-on-one instruction.

Basic Microsurgery Course:

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

Course objectives:

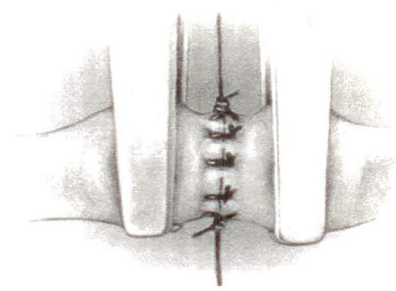
As a result of attending this course, participants will be trained in vessel dissection, varying microsurgical techniques, arterial and venous end-to-end and end-to side anastomosis, and preparation and placement of vascular grafts.

Techniques:

Arterial Anastomoses: End-to-End
End-to-Side
Arterial Graft

Venous Anastomoses: End-to-End
End-to-Side
Venous Graft

Combination: Arterial and Venous Bypass
A-V Shunts



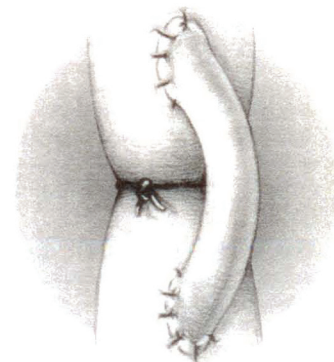
Advanced Microsurgery Course:

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 revascularize cutaneous, muscular and composite free tissue transfers; practice limb replantation.

Techniques:

Advanced
Arterial Anastomoses: End-in-End (sleeve)
Arterial Bypass
Venous Bypass
A-V Shunts

Free Tissue Transfer: Cutaneous Flap
Muscle Flap
Rat Hind Limb Replantation



Microsurgery Training Courses

Specialty-Oriented Microsurgery Course:

This course can be tailored for individual participants with other structures of interest, such as 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
Vasopididystomy

Neurosurgery: Epineural End-to-End Nerve Anastomosis
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 Course in Experimental Models:

This is 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
Rat Cremaster Muscle Flap Preparation
Laryngeal Transplantation
Sciatic Nerve Coaptation
Free Tissue Transfer



Microsurgery Training Courses

General Information

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

Local: 216-445-8115 or 216-445-2405

Toll Free: 1-800-223-2273 ext. 52405

Fax: 216-444-9419

Cleveland Clinic
Over 75 Years of Excellence in
CONTINUING MEDICAL EDUCATION

Cancellation Policy

If you are unable to attend or need to cancel the course, please notify the CME office immediately at 216-448-0777. A full refund will be issued if you inform the CCF 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 Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center 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 Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify Jennifer Mulé at 216-445-8115 at least two weeks prior to the activity.

Location

The Microsurgery Laboratory is located in the Laboratory Medicine building, Room L1-612.

Parking

Parking is available in the 100th Street Visitor's Parking Garage #2 for a charge of \$10 per day. The garage will be open Sunday from 6:30 am – 9:30 pm, Monday through Saturday from 6:00 am – 10:30 pm.

Hotels

InterContinental Hotel

9801 Carnegie Avenue | Cleveland, OH 44106

Phone: 216-707-4100 or 877-707-8999

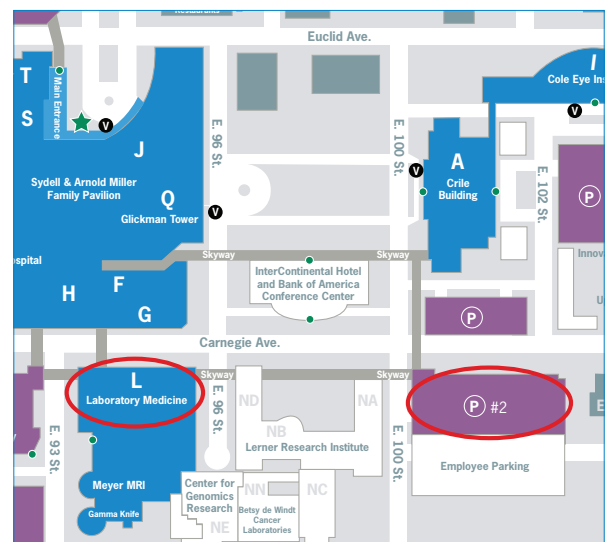
Fax: 216-707-4101

Cleveland Clinic Guest House

216-707-4000

Ground Transportation

Taxi service is available from Cleveland Hopkins International Airport to the InterContinental Hotel and Bank of America Conference Center for an approximate fee of \$35. As an alternative, take the rapid transit train from the airport to the Terminal Tower in downtown Cleveland and from there take a taxi to the InterContinental Hotel and Bank of America Conference Center or Cleveland Clinic Guest House.



Microsurgery Training Courses

Course Application Form | Microsurgery Five Day Training Courses Course # 020073

Registration & Course Materials Fee: \$2,000.00	Desired dates for attending the course:
<input type="checkbox"/> Basic Microsurgery Training Course	1st choice
<input type="checkbox"/> Advanced Microsurgery Training Course	2nd choice
<input type="checkbox"/> Specialty-Oriented Microsurgery Course	3rd choice
Area of Interest _____	
<input type="checkbox"/> Experimental Models Course	
Model of Interest _____	

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 _____

For credit card payees only - in order to expedite your registration, please fax form to: The Cleveland Clinic Educational Foundation. Once faxed, please do not mail original form. Fax Number: 216-444-0401
<input type="checkbox"/> Visa <input type="checkbox"/> Mastercard <input type="checkbox"/> American Express <input type="checkbox"/> Discover
Card Number _____ Expiration Date _____
Signature (not valid without signature) _____

Make checks payable in US dollars to: The Cleveland Clinic Educational Foundation
Mail to: The Cleveland Clinic Educational Foundation
P.O. Box 931653
Cleveland, Ohio 44193-1082, USA
APPLICATION FORMS MAY BE DUPLICATED.

Hotels - For those needing overnight accommodations, there are several hotels in the vicinity:		
Cleveland Clinic InterContinental Suite Hotel 9801 Carnegie Avenue Cleveland, Ohio 44106 216-707-4100		
Cleveland Clinic Guest House 9601 Euclid Avenue Cleveland, Ohio 1-877-707-8999	Renaissance Cleveland Hotel 24 Public Square Cleveland, Ohio 216-696-5600	Holiday Inn Lakeside City Center 1111 Lakeside Avenue Cleveland, Ohio 216-241-5100
Marriott Key Center 127 Public Square Cleveland, Ohio 216-696-9200	Hampton Inn 1460 E. 9th Street Cleveland, Ohio 216-241-6600	Sheraton City Centre 777 St. Clair Avenue Cleveland, Ohio 216-771-7600