

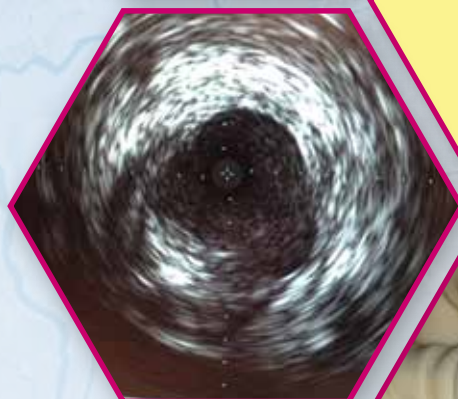
Masters' Approach to Critical Limb Ischemia (MAC Symposium)

April 17 – 19, 2016

InterContinental Hotel
9801 Carnegie Ave
Cleveland, OH



FEATURING:
Hands-On
Ultrasound Stations
Cadaveric Lab
Live Case
Demonstrations
Simulation Lab



Limited Space, Register Now!

ccfcme.org/16CriticalLimb

Join us at the Cleveland Clinic Masters' Approach to Critical Limb Ischemia Symposium

By Attending, You Will Be Able To:

- Summarize the current knowledge of the epidemiology and evaluation of critical limb ischemia (CLI) and wound assessment
- Describe the current state of perfusion assessment and non-invasive imaging in CLI
- Identify current and future medical treatments for CLI and describe their most appropriate uses in clinical practice
- List and select appropriate surgical and endovascular options for management of patients with CLI
- Critically assess options for chronic total occlusions including those of the superficial femoral artery and tibial vessels
- Perform successful tibio pedal access using ultrasound and fluoroscopic guidance
- Describe a cost-effective approach to lower extremity revascularization and wound care

Who Should Attend?

Physicians, nurses, physician assistants, and health care professionals in vascular surgery, podiatry, interventional cardiology, interventional radiology, internists, endocrinologists, and wound care specialists who are involved in the care of patients with critical limb ischemia.

Heart & Vascular Institute Cleveland Clinic

Symposium Director

Mehdi H. Shishehbor, DO, MPH, PhD

Director, Endovascular Services
Interventional Cardiology and
Vascular Medicine
Cardiovascular Medicine

Co-Directors

Heather Gornik, MD

Medical Director, Non-Invasive
Vascular Laboratory
Vascular Medicine

Lee Kirksey, MD

Vascular Surgery

Michael Maier, DPM

Director, Lower-Extremity Wound Clinic
Podiatry

Guest Faculty

Gary Ansel, MD

OhioHealth
Columbus, OH

Bruce Gray, DO

Vascular Health Alliance
Greenville, SC

Michael R. Jaff, DO

Massachusetts General Vascular Center
Boston, MA

John R. Laird, MD

University of California, Davis
Sacramento, CA

Robert A. Lookstein, MD

The Mount Sinai Hospital
New York, NY

Marco Manzi, MD

Abano Terme General Hospital
Abano Terme, Italy

Carlos Mena, MD

Medical Director, Vascular Medicine
Yale School of Medicine
New Haven, CT

Miguel Montero-Baker, MD

University of Arizona
Tucson, AZ

Jihad Mustapha, MD

Metro Health Medical Group
Wyoming, MI

Sahil Parikh, MD

Case Western Reserve University School
of Medicine
Cleveland, OH

Kenneth Rosenfield, MD

Massachusetts General Hospital
Boston, MA

Andrej Schmidt, MD, PhD

University Clinic of Leipzig
Leipzig, Germany

Craig Walker, MD

Cardiovascular Institute of the South
Houma, LA

Thomas Zeller, MD, PhD

Herz Zentrum Heart Center
Bad Krozingen, Germany



Cleveland Clinic Faculty

Christopher Bajzer, MD
Cardiovascular Medicine

John Bartholomew, MD
Vascular Medicine

Georgeanne Botek, DPM
Podiatry

Christi Cavaliere, MD
Plastic Surgery

Daniel Clair, MD
Vascular Surgery

Kristin Englund, MD
Infectious Disease

Phillip Erwin, MD, PhD
Cardiovascular Medicine

Natalie Evans, MD
Vascular Medicine

Gina Hild, DPM
Podiatry

Karunakaravel Karuppasamy, MBBS
Diagnostic Radiology

Sean Lyden, MD
Vascular Surgery

Federico Parodi, MD
Vascular Surgery

Christopher Smolock, MD
Vascular Surgery

Alexandra Villa-Forte, MD
Rheumatologic and Immunologic
Disease

Agenda – Sunday, April 17

6:45 am Registration/Continental Breakfast/Visit Exhibits

Hands-On Arterial Ultrasound Workshop

8:00 am – 5:30 pm

4 sessions (1.5 hours each) are available.

This concurrent workshop session will allow attendees to gain valuable hands-on instruction and training with a live model. Register for your preferred time slot. Times are on a first-come, first-served basis. Space is limited.

7:30 am Introduction
Mehdi H. Shishehbor, DO, PhD

CLI EPIDEMIOLOGY AND WOUND ASSESSMENT

Chairs: Michael R. Jaff, DO, and Michael Maier, DPM

7:45 am Epidemiology and Prognosis
Michael R. Jaff, DO

8:00 am The ABCs of Lower Extremity Wound Assessment
Michael Maier, DPM

8:10 am Clinical Diagnosis of Wound Types
Gina Hild, DPM

8:20 am Understanding Your Patients' Feet
Georgeanne Botek, DPM

8:30 am Unusual Vascular Causes of Lower Extremity Wounds
John Bartholomew, MD

8:40 am Vasculitis as the Cause of Lower Extremity Wounds
Alexandra Villa-Forte, MD

8:50 am How to Identify an Infected Lower Extremity Wound
Kristin Englund, MD

9:00 am Perfusion Assessment in CLI
Mehdi H. Shishehbor, DO, PhD

9:10 am Non-Invasive Assessment of CLI (Ultrasound, CT, MR)
Karunakaravel Karuppasamy, MBBS

9:20 am Case-based Discussion: CLI Assessment
Chair: Mehdi H. Shishehbor, DO, PhD
John Bartholomew, MD
Georgeanne Botek, DPM
Heather Gornik, MD
Gina Hild, DPM
Michael R. Jaff, DO
Michael Maier, DPM

10:00 am Refreshment Break/Visit Exhibits

BEST APPROACH

Chairs: Jihad Mustapha, MD, and John R. Laird, MD

10:25 am Clinical Application of the Angiosome Concept
Jihad Mustapha, MD

10:35 am How Do I Decide Between Endo or Open?
Daniel Clair, MD

10:45 am Who is an Ideal Endovascular Patient?
Bruce Gray, DO

10:55 am Cost-Effective Approaches to Lower Extremity Revascularization
Sean Lyden, MD

11:05 am Live Case Demonstration

Operator:

Mehdi H. Shishehbor, DO, PhD

Moderator: Michael R. Jaff, MD

Panel: Bruce Gray, DO

John R. Laird, MD

Sean Lyden, MD

Marco Manzi, MD

Jihad Mustapha, MD

Thomas Zeller, MD, PhD

12:30 pm Lunch Break

ACCESS

Chairs: Craig Walker, MD, and Andrej Schmidt, MD, PhD

1:30 pm Choosing the Right Access
John R. Laird, MD

1:40 pm Safety and Efficacy of Retrograde Access
Thomas Zeller, MD, PhD

1:50 pm Tibiopodal Access – Ultrasound Guided
Jihad Mustapha, MD

2:00 pm Tibiopodal Access – Fluoroscopic Guided
Andrej Schmidt, MD, PhD

2:10 pm Extreme Access
Marco Manzi, MD

2:20 pm Current Devices for Tibiopodal Access
Miguel Montero-Baker, MD

2:30 pm Case-based Discussion: Tibiopodal Access

Chair: Mehdi H. Shishehbor, DO, PhD

Marco Manzi, MD

Miguel Montero-Baker, MD

Jihad Mustapha, MD

Andrej Schmidt, MD, PhD

Thomas Zeller, MD, PhD

3:00 pm Refreshment Break/Visit Exhibits



Sunday, April 17 continued

3:15 pm

Live Case Demonstration
Operator:
Mehdi H. Shishehbor, DO, PhD
Moderator: Craig Walker, MD
Panel: Phillip Erwin, MD, PhD
Miguel Montero-Baker, MD
Marco Manzi, MD
Jihad Mustapha, MD
Andrej Schmidt, MD, PhD
Thomas Zeller, MD, PhD

MEDICAL THERAPY FOR CLI

Chair: Heather Gornik, MD

4:30 pm

Guideline Recommendations
Heather Gornik, MD

4:40 pm

What is the Right Anti-Platelet Therapy Regimen for CLI?
Michael R. Jaff, DO

4:50 pm

Vorapaxar for CLI
Michael R. Jaff, DO

5:00 pm

Novel Anticoagulants for CLI
Natalie Evans, MD

5:10 pm

Case-based Discussion: CLI Medical Therapy
Chair: Michael R. Jaff, DO
Natalie Evans, MD
Heather Gornik, MD

5:30 pm

Adjourn

Agenda – Monday, April 18

7:00 am

Registration/Continental Breakfast/ Visit Exhibits

Hands-On Ultrasound Guided Tibiopedal Access Cadaveric Lab

8:00 am – 5:00 pm

4 sessions (2 hours each) are available.

This concurrent cadaveric lab will allow attendees to gain valuable hands-on instruction and training in an actual lab environment. Register for your preferred time slot. Times are on a first-come, first-served basis. Space is limited.

7:30 am

Endovascular Approach for Almost All CLI Cases
Craig Walker, MD

CROSSING CTOs

Chairs: Sean Lyden, MD, and Craig Walker, MD

7:45 am

My Approach to Crossing SFA Occlusions
Bruce Gray, DO

8:00 am

CTO Devices for SFA Occlusion
Christopher Bajzer, MD

8:10 am

Re-entry in the SFA
Phillip Erwin, MD

8:20 am

Economics of CTO Devices
Sean Lyden, MD

8:30 am

Wire Selection for Below Knee CTOs
Craig Walker, MD

8:40 am

CTO Devices for Below Knee
Gary Ansel, MD

8:50 am

Technical Approach for Crossing CTOs – Italian Approach
Marco Manzi, MD

9:00 am

Technical Approach for Crossing CTOs – German Approach
Andrej Schmidt, MD, PhD

9:10 am

Ultrasound Guided Approach to Crossing and CTO Cap Analysis
Jihad Mustapha, MD

9:20 am

Refreshment Break/Visit Exhibits

SFA TREATMENT

Chairs: Lee Kirksey, MD, and Thomas Zeller, MD, PhD

9:50 am

Angioplasty vs Nitinol Stent Alone
Sahil Parikh, MD

10:00 am

Drug Eluting Stents
Gary Ansel, MD

10:10 am

Covered Stents
Federico Parodi, MD

10:20 am

Interwoven Stents
Andrej Schmidt, MD, PhD

10:30 am

Drug Coated Balloons
Kenneth Rosenfield, MD

10:40 am

Live Case Demonstration
Operator: Mehdi H. Shishehbor, DO, PhD
Moderator: Andrej Schmidt, MD, PhD
Panel: Bruce Gray, DO
Sean Lyden, MD
Sahil Parikh, MD
Federico Parodi, MD
Kenneth Rosenfield, MD
Thomas Zeller, MD, PhD

12:00 pm

Lunch Break

ATHERECTOMY

Chairs: Kenneth Rosenfield, MD, and Miguel Montero-Baker, MD

1:00 pm

Rotational
Sahil Parikh, MD

1:10 pm

Laser
Kenneth Rosenfield, MD

1:20 pm

Directional
Thomas Zeller, MD, PhD

1:30 pm

Front Cutting
Miguel Montero-Baker, MD

1:40 pm

My Approach to Atherectomy Devices
Carlos Mena, MD

1:50 pm

Case-based Discussion: Atherectomy
Chair: Miguel Montero-Baker, MD
Phillip Erwin, MD, PhD
Carlos Mena, MD
Sahil Parikh, MD
Kenneth Rosenfield, MD
Thomas Zeller, MD, PhD

2:30 pm

Refreshment Break/ Visit Exhibits

2:50 pm

Live Case Demonstration
Operator:
Mehdi H. Shishehbor, DO, PhD
Moderator: Carlos Mena, MD
Panel: Bruce Gray, DO
Robert A. Lookstein, MD
Marco Manzi, MD
Miguel Montero-Baker, MD
Andrej Schmidt, MD, PhD
Christopher Smolock, MD
Thomas Zeller, MD, PhD

THINGS YOU NEED TO KNOW

Chairs: Bruce Gray, DO, and Andrej Schmidt, MD, PhD

4:15 pm

How to Gain Re-Entry below the Knee CART, Reverse CART, Parallel Balloon
Andrej Schmidt, MD, PhD

4:25 pm

Hybrid Approach to CLI
Lee Kirksey, MD

4:35 pm

Embolic Protection Devices
Robert A. Lookstein, MD

4:45 pm

Crossing Tibial Vessel Using Collaterals
Gary Ansel, MD

4:55 pm

Digital and Pedal Access – Italian Approach
Marco Manzi, MD

5:05 pm

Tibiopedal Access – German Approach
Andrej Schmidt, MD, PhD

5:15 pm

Extreme Surgical Options for Lower Extremity Revascularization
Christopher Smolock, MD

5:25 pm

Future of Endovascular Therapy
Moderator: Mehdi H. Shishehbor, DO, PhD
Panel: Gary Ansel, MD
Robert A. Lookstein, MD
Kenneth Rosenfield, MD
Craig Walker, MD

6:25 pm

Adjourn

Agenda – Tuesday, April 19

7:30 am **Registration/Continental Breakfast/
Visit Exhibits**

FOLLOW UP AND WOUND CARE

Chairs: *Christi Cavaliere, MD, and Heather Gornik, MD*

- 8:15 am** **The ABCs of Lower Extremity Wound Care**
Michael Maier, DPM
- 8:25 am** **Amputation – Functional Versus Anatomical**
Gina Hild, DPM
- 8:35 am** **Prevention of Ulcer Recurrence,
Podiatry Perspective**
Georgianne Botek, DPM
- 8:45 am** **Mixed Arterial and Venous Disease –
How to Approach**
Natalie Evans, MD
- 8:55 am** **Extreme Surgical Options for Wound Repair**
Christi Cavaliere, MD
- 9:05 am** **Case-based Discussion: CLI Team Approach**
Chair: *Mehdi H. Shishehbor, DO, PhD*
Panel: *Georgianne Botek, DPM*
Christi Cavaliere, MD
Natalie Evans, MD
Gina Hild, DPM
Robert A. Lookstein, MD

POST INTERVENTION EVALUATION

Chairs: *Phillip Erwin, MD, PhD, and Heather Gornik, MD*

- 9:30 am** **Post Intervention Testing (ABI, Ultrasound)**
Heather Gornik, MD
- 9:40 am** **My Algorithm for Post Intervention Testing**
Sahil Parikh, MD
- 9:50 am** **Refreshment Break/Visit Exhibits**
- 10:10 am** **Case-based Discussion:
Putting It All Together**
Chairs: *Bruce Gray, DO, and*
Mehdi H. Shishehbor, DO, PhD
Panel: *Christopher Bajzer, MD*
Lee Kirksey, MD
Phillip Erwin, MD, PhD
Sean Lyden, MD
Sahil Parikh, MD
Christopher Smolock, MD
- 11:55 am** **Closing Remarks**
Mehdi H. Shishehbor, DO, PhD
- 12:00 pm** **Adjourn**

General Information

Information

For further information about registration, cancellation, faculty disclosure, and the Americans with Disabilities Act, contact the Cleveland Clinic Center for Continuing Education.

Local: 216.444.9990

Website: ccfme.org/16CriticalLimb

Hotel Accommodations

A limited block of rooms has been reserved at the InterContinental Hotel and InterContinental Suites Hotel only until March 16, 2016, 5:00 pm ET.

To make your reservations, contact the hotel and identify yourself as an attendee for the Cleveland Clinic Critical Limb Ischemia Symposium for special rates:

- InterContinental Hotel and Bank of America Conference Center (Main Hotel):**
855.765.8709
\$179 plus tax (online code CGA)
- InterContinental Suites Hotel:**
855.268.0352
\$159 plus tax (online code CGG)

Accreditation

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 20.5 *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.

Fees

Fee includes: Daily continental breakfast, refreshment breaks, and electronic syllabus in PDF form.

	On or Before Feb 17	After Feb 17
Physician	\$450	\$550
Nurse/Non-Physician	\$200	\$300
Resident*/Fellow*	\$200	\$300
*Letter from program director is required to receive the discounted fee. If letter is not received two weeks prior to the activity, the full physician fee will be charged.		

Concurrent Ultrasound and Cadaveric workshops are included in your registration fee. Register online for your preferred session time. Space is limited space, first-come, first-served.

For complete registration and cancellation information, visit www.ccfme.org/16CriticalLimb

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The Cleveland Clinic Foundation
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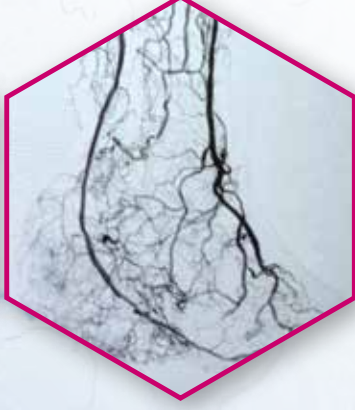


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9801 Carnegie Ave
Cleveland, OH**

Why attend?

- Comprehensive review of epidemiology, pathology, diagnosis, and treatment of critical limb ischemia
- Hands-on arterial ultrasound workshops and ultrasound guided tibiopedal access cadaveric lab
- Engaging case-based discussions on assessment, best technical approaches, medical therapy, and athrectomy



Limited Space, Register Now! ccfcme.org/16CriticalLimb