



47th Annual Northwestern Vascular Symposium

DECEMBER 7-9, 2023

InterContinental Chicago
Chicago, Illinois

SPONSORED BY:

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Feinberg School of Medicine

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Division of Vascular Surgery and

The Office of Continuing Medical Education

PROGRAM INFORMATION

TARGET AUDIENCE

Vascular surgeons, radiologists, cardiac surgeons, cardiologists and general surgeons who treat vascular disease. Also, current trainees in these disciplines and advanced practice providers in these areas of study.

EDUCATIONAL OBJECTIVES:

At the conclusion of the Northwestern Vascular Symposium, participants will be able to:

1. Discuss new information about treatment of lower extremity venous disease
2. Evaluate limitations of EVAR
3. Demonstrate treatment options for visceral and renal artery aneurysm and occlusive disease
4. Evaluate new developments in management of complex venous disease
5. Relay information about latest development in treatment of thoracoabdominal aortic aneurysm disease
6. List current treatment recommendations for extra-cranial carotid and supra-aortic trunk arterial occlusive disease
7. Discuss the growing application of TEVAR for thoracic aortic pathology
8. Recall information on the latest in treatment of upper extremity vascular disease
9. Describe expected outcomes of lower extremity revascularization for arterial occlusive disease following open surgical and endovascular techniques
10. Discuss new trends in dialysis access surgery
11. Describe the role and importance of vascular surgery medicine in comprehensive clinical care
12. Evaluate the best practices for quality care
13. Review changes to new and upcoming procedural and outpatient coding and billing

CONFERENCE LOCATION

The program will be held at the InterContinental Chicago, 505 N. Michigan Avenue, Chicago, Illinois. Please contact the hotel directly at (312) 944-4100 for directions and parking information.

HOTEL ACCOMMODATIONS

A block of rooms has been reserved at the InterContinental Chicago for a special rate of \$179 (plus tax) for single or double occupancy in the Main Building. Participants are responsible for making their own hotel reservations. Guests may register online by accessing the following link: [Annual Northwestern Vascular Symposium](#). Otherwise, guests can call 1(800) 327-0200 or use the block code NAW to receive the reduced room rate. Room reservations made after November 22, 2023 are subject to availability at regular hotel rates.

Chicago is a popular vacation and convention destination. We recommend that you make your reservations as soon as possible in order to guarantee accommodations.

ACCREDITATION STATEMENT

The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CREDIT DESIGNATION

The Northwestern University Feinberg School of Medicine designates this live activity for a maximum of 18 *AMA PRA Category 1 Credits™*. Physicians should claim only credit commensurate with the extent of their participation in the activity.

AMERICAN BOARD OF SURGERY CONTINUOUS CERTIFICATION AND SELF-ASSESSMENT PROGRAMS

Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to earn credit toward the CME and Self-Assessment requirements of the American Board of Surgery's Continuous Certification program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABS credit.

REFUNDS

Cancellations must be made in writing to the Office of Continuing Medical Education. The paid registration fee, minus a \$50 administrative charge, will be refunded.

SPECIAL NEEDS

The Feinberg School of Medicine fully intends to comply with the legal requirements of the American with Disabilities Act. If any participant of this conference is in need of accommodation, please indicate those needs on the registration form or submit written requests to the Office of CME at least one month prior to the conference date.

FACULTY DISCLOSURES

Speakers are required to disclose any relevant financial relationships with commercial ACCME-defined ineligible companies prior to the symposium. The course syllabus will identify any relevant financial relationships. All relevant financial relationships will be mitigated prior to the start of the activity

ADDITIONAL INFORMATION

Contact the Office of Continuing Medical Education, Northwestern University Feinberg School of Medicine, phone: 312-503-8533, fax: 312-503-4531, e-mail: cme@northwestern.edu or visit our website at <https://northwestern.cloud-cme.com/vascular23>. Please note: Credit card payments cannot be accepted for phone, postal mail or for on-site registrations. If you plan to register on-site, please bring a check made payable to "Northwestern University".

FACULTY

COURSE DIRECTOR:

Mark K. Eskandari, MD

SPEAKERS & MODERATORS

Oliver O. Alami, MD

Stanford University
Palo Alto, CA

David G. Armstrong, MD, PhD

Keck School of Medicine @ University of
Southern California
Los Angeles, CA

Donald T. Baril, MD

Cedars-Sinai Medical Center
Los Angeles, CA

William E. Beckerman, MD

Rutgers Robert Wood Johnson Medical School
New Brunswick, NJ

Michael Belkin, MD

Brigham and Women's Hospital
Harvard Medical School
Boston, MA

Daniel J. Bertges, MD

University of Vermont Medical Center
Burlington, VT

Elizabeth L. Chou, MD

Cedars-Sinai Medical Center
Los Angeles, CA

Timothy W. Churchill, MD

Massachusetts General Hospital
Boston, MA

Matthew A. Corriere, MD, MS

University of Michigan
Ann Arbor, MI

R. Clement Darling III, MD

Albany Medical College
Albany, NY

Kush R. Desai, MD

Northwestern University
Feinberg School of Medicine
Chicago, IL

Bart Dolmatch, MD

The Palo Alto Medical Foundation
Mountain View, CA

Sharif Ellozy, MD

Weill Cornell Medicine
New York, NY

Eric D. Endean, MD

University of Kentucky College of Medicine
Lexington, KY

Peter L. Faries, MD

Icahn School of Medicine @ Mount Sinai
New York, NY

Hugh A. Gelabert, MD

David Geffen UCLA School of Medicine
Los Angeles, CA

George E. Havelka, MD

Northwestern University
Feinberg School of Medicine
Chicago, IL

Karen J. Ho, MD

Northwestern University
Feinberg School of Medicine
Chicago, IL

Andrew W. Hoel, MD

Northwestern University
Feinberg School of Medicine
Chicago, IL

Misty D. Humphries, MD

University of California Davis Health
Sacramento, CA

Jeffrey E. Indes, MD

Montefiore Medical Center
Albert Einstein College of Medicine
Bronx, NY

Sumanas W. Jordan, MD, PhD

Northwestern University
Feinberg School of Medicine
Chicago, IL

Melina R. Kibbe, MD

University of Virginia
School of Medicine
Charlottesville, VA

Anne Kurse, MSN

Northwestern Medicine
Chicago, IL

Joseph V. Lombardi, MD, MBA

Cooper Health
Camden, NJ

Sean P. Lyden, MD

Cleveland Clinic
Cleveland, OH

Kimberly T. Malka, MD, PhD

Tufts University School of Medicine
Southern Maine Healthcare
Portland, ME

Neel A. Mansukhani, MD, MS

Northwestern University
Feinberg School of Medicine
Chicago, IL

Rebecca Marmor, MD, MAS

Johns Hopkins University
Baltimore, MD

Mary M. McDermott, MD

Northwestern University
Feinberg School of Medicine
Chicago, IL

Katharine L. McGinley, MD, MPH

University of North Carolina @ Chapel Hill
Chapel Hill, NC

Christopher Mehta, MD

Northwestern University
Feinberg School of Medicine
Chicago, IL

Matthew T. Menard, MD

Harvard Medical School
Boston, MA

Aleem K. Mirza, MD

McGovern Medical School
University of Texas Health Houston
Houston, TX

Randy D. Moore, MD

Cumming School of Medicine
University of Calgary
Calgary, Alberta CANADA

Leigh Ann O'Banion, MD

University of California
San Francisco-Fresno
Fresno, CA

Peter R. Nelson, MD, MS

University of Oklahoma
OU-TU School of Community Medicine
Tulsa, OK

C. Keith Osaki, MD

Harvard Medical School
Boston, MA

Siddharth K. Prakash, MD, PhD

University of Texas Health - Houston
Houston, TX

Monica Rho, MD

Northwestern University
Feinberg School of Medicine
Chicago, IL

Caron Rockman, MD

NYU Grossman School of Medicine
NYU Langone
New York, NY

Heron E. Rodriguez, MD

Northwestern University
Feinberg School of Medicine
Chicago, IL

Kimberly Rohan, MS, ANP-BC

Elmhurst - Edwards Hematology
Northwestern Medicine
Naperville, IL

Carrie Rooy, COTA/L

Hanger Clinics
Chicago, IL

Vincent L. Rowe, MD

David Geffen School of Medicine @ UCLA
Los Angeles, CA

Luis A. Sanchez, MD

Washington University School of Medicine
St. Louis, MO

Salvatore T. Scali, MD

University of Florida College of Medicine
Gainesville, FL

Jeffrey J. Siracuse, MD, MBA

Boston Medical Center
Boston University
Boston, MA

Christopher J. Smolock, MD

Icahn School of Medicine @ Mount Sinai
New York, NY

Tadaki M. Tomita, MD

Northwestern University
Feinberg School of Medicine
Chicago, IL

Ashley Vavra, MD

Northwestern University
Feinberg School of Medicine
Chicago, IL

Alyssa M. Vela, PhD

Northwestern University
Feinberg School of Medicine
Chicago, IL

Gabriela Velazquez, MD

Wake Forest University School of Medicine
Winston Salem, NC

Todd R. Vogel, MD, MPH

University of Missouri
Columbia, MO

Grace J. Wang, MD

Hospital of the University of Pennsylvania
Philadelphia, PA

Beth Whippo, MSN, RN-BC

Northwestern Memorial Hospital
Chicago, IL

Bo Yang, MD, PhD

University of Michigan
Ann Arbor, MI

PROGRAM DESCRIPTION 2023

Welcome to the 47th Annual Northwestern Vascular Symposium. This 2.5 day course provides category 1 continuing medical education (CME) credits, maintenance of certification (MOC) credits, and a hardcover textbook authored by the invited faculty. We have brought together over 50 experts in their respective fields of vascular care who have contributed an up-to-date written chapter that accompanies their corresponding 15-minute presentation. As has been the tradition, we have selected speakers based on recent peer-reviewed publications, national societal presentations, and/or recognized leaders in their discipline. The program provides a comprehensive analysis of the current management of vascular disease as it relates to treatment of extracranial cerebrovascular and supra-aortic trunk disease, new approaches to lower extremity arterial and venous problems, recent cutting-edge developments in open and endovascular approaches to treat aortic and visceral arterial disease, as well as novel techniques for hemodialysis access, complex venous problems, upper extremity disorders. Concluding each session, a 30-minute panel discussion will occur allowing the audience ample time to ask more in-depth questions of the experts.

A longstanding tradition of our program has been the inclusion of several short case presentations given by the Northwestern Vascular Surgery trainees during the continental breakfast on Friday and Saturday mornings. We recognize the educational value of these case-based discussions and invite the audience to participate along with our expert panelists.

In addition to the CME and MOC credits, registration for the meeting includes a daily continental breakfast, lunch, refreshments, the hardcover textbook, and access to a PDF version of the textbook.

The Northwestern Vascular Surgery Team is excited to have you join us in Chicago around the holiday season and celebrate our 47th year of the meeting.

AGENDA

THURSDAY, DECEMBER 7, 2023

7:00 a.m. **Registration and Continental Breakfast**

7:50 a.m. **Welcome and Introduction**
Mark K. Eskandari, MD

■ Aortic Diseases I

Moderator: Mark K. Eskandari, MD

8:00 a.m. **Designing An Emergency EVAR Protocol For Ruptured Aneurysms**
Randy Moore, MD, MSc

8:15 a.m. **Management Of Isolated Common Iliac Artery Aneurysms**
Christopher J. Smolock, MD

8:30 a.m. **Enhanced Recovery Pathway For Open Aortic Surgery**
Katharine L. McGinagle, MD, MPH

8:45 a.m. **Comprehensive Review Of Options For Managing Persistent Type II Endoleaks With Sac Expansion**
Neel A. Mansukhani, MD, MS

9:00 a.m. **Value Of Fenestrated And Branched Aortic Stent Grafting To Salvage Failed EVAR**
Kimberly T. Malka, MD, PhD

9:15 a.m. **Panel Discussion**
Panelists: Drs. Moore, Smolock, McGinagle, Mansukhani and Malka

9:30 a.m. **Refreshment Break and Exhibits**

■ Aortic Diseases II

Moderator: Andrew W. Hoel, MD

10:00 a.m. **Connection Between Long-Term Exercise And Ascending Aortic Enlargement**
Timothy W. Churchill, MD

10:15 a.m. **Special Considerations For Pre-Emptive Treatment Of Visceral Malperfusion Associated With Acute Type A Dissection Prior To Central Repair**
Bo Yang, MD, PhD

10:30 a.m. **Open And Hybrid Approaches To Aortic Arch Reconstruction**
Christopher K. Mehta, MD

10:45 a.m. **Advances In Total Aortic Arch Endovascular Repair**
Aleem K. Mirza, MD

11:00 a.m. **Failure Modes Of TEVAR Devices**
Elizabeth L. Chou, MD

11:15 a.m. **Building A Comprehensive Aortic Program That Supports Long-Term Follow-up**
Beth Whippo, MSN

11:30 a.m. **Panel Discussion**
Panelists: Drs. Churchill, Yang, Mehta, Mirza, Chou, and Whippo

12:00 p.m. **Luncheon: Camelot Room**

■ Complex Arterial And Venous Diseases

Moderator: George E. Havelka, MD

- 1:30 p.m. **Retrograde Type A Dissection After TEVAR: Real World Analysis**
Grace J. Wang, MD
- 1:45 p.m. **Ischemia-Reperfusion After Open Mesenteric Bypass For Chronic Mesenteric Ischemia**
Salvatore T. Scali, MD
- 2:00 p.m. **Incidence And Management Of Peripheral Venous Aneurysms**
Donald T. Baril, MD
- 2:15 p.m. **Preferred Anticoagulant Treatment For Distal DVT**
Jeffrey E. Indes, MD
- 2:30 p.m. **Targeted Antibiotic Therapy For Osteomyelitis**
Anne Kurze, MSN,
- 2:45 p.m. **Panel Discussion**
Panelists: Drs. Wang, Scali, Baril Indes and Kurze
- 3:00 p.m. **Refreshment Break and Exhibits**

■ Vascular Access

Moderator: Ashley K. Vavra, MD

- 3:30 p.m. **From Fistula First To Patient First: Shifting Considerations In AV Access Creation**
Rebecca Marmor, MD
- 3:45 p.m. **Current Status Of Percutaneous Arteriovenous Fistula Devices**
Peter R. Nelson, MD, MS
- 4:00 p.m. **Arteriovenous Fistula Banding: Does It work?**
C. Keith Ozaki, MD
- 4:15 p.m. **The "Inside-Out" Technique: What Is It And How To Do It?**
Eric D. Endean, MD
- 4:30 p.m. **Summary Of The Arteriovenous Access Covered Stent Clinical Trials**
Bart Dolmatch, MD
- 4:45 p.m. **Panel Discussion**
Panelists: Drs. Marmor, Nelson, Ozaki, Endean and Dolmatch
- 5:00 p.m. **Adjourn**

FRIDAY, DECEMBER 8, 2023

Moderator: Heron E. Rodriguez, MD

- 7:00 a.m. **Trainee Case Presentations and Continental Breakfast**

■ Current Issues In Vascular Surgery

Moderator: Mark K. Eskandari, MD

- 8:00 a.m. **Putting Out "Fires" In The Operating Room- One Role of Vascular Surgeons**
Michael Belkin, MD
- 8:15 a.m. **"Vascular X-Factor"**
Joseph V. Lombardi, MD, MBA
- 8:30 a.m. **Applying Simulation Based Mastery Learning To Vascular Surgery Skills Training**
Tadaki M. Tomita, MD
- 8:45 a.m. **Types And Value Of Virtual Platform Learning Modalities**
William E. Beckerman, MD
- 9:00 a.m. **The "Audible Bleeding" Podcast**
Sharif Ellozy, MD
- 9:15 a.m. **Tips To Minimize Occupational Pain And Increase Your Surgical Longevity**
Monica Rho, MD
- 9:30 a.m. **Panel Discussion**
Panelists: Drs. Belkin, Lombardi, Tomita, Beckerman, Ellozy and Rho
- 9:45 a.m. **Refreshment Break and Exhibits**

■ Extremity Diseases I

Moderator: Karen J. Ho, MD

- 10:00 a.m. **Understanding Patient-Reported Claudication Treatment Goals**
Matthew A. Corriere, MD, MS
- 10:15 a.m. **Percutaneous Endovascular Femoropopliteal Bypass—DETOUR Trial**
Sean P. Lyden, MD
- 10:30 a.m. **Developing A Successful Enhanced Recovery Pathway For Lower Extremity Bypass**
Ashley K. Vavra, MD, MS
- 10:45 a.m. **Benefit Of Prophylactic Closed-Incision Negative Pressure Wound Therapy For Groin Wounds**
Daniel J. Bertges, MD
- 11:00 a.m. **Important Steps For Treatment And Surgical Management Of Diabetic Foot Ulcers: Your Wifi Settings**
David G. Armstrong, DPM, PhD
- 11:15 a.m. **Panel Discussion**
Panelists: Drs. Corriere, Lyden, Vavra, Bertges and Armstrong
- 11:30 a.m. **Refreshment Break and Exhibits**
Moderator: Heron E. Rodriguez, MD
- 12:00 p.m. **Trainee Case Presentations and Box Lunch**

■ Vascular Medicine

Moderator: Andrew W. Hoel, MD

- 1:30 p.m. **Home-Based Walking Exercise For Claudication**
Mary M. McDermott, MD
- 1:45 p.m. **App-Based Exercise Program For Claudication**
Oliver O. Aalami, MD
- 2:00 p.m. **Exercise Limitations In Patients With Aortic Diseases**
Siddharth K. Prakash, MD, PhD
- 2:15 p.m. **Chronic Opioid Use In Patients With Peripheral Arterial Disease Undergoing Revascularization**
Gabriela Velazquez-Ramirez, MD
- 2:30 p.m. **Successful Smoking Cessation Strategies**
Kimberly Rohan, MS, ANP-BC
- 2:45 p.m. **Anxiety And Depression Among Patients With Cardiovascular Disease**
Alyssa M. Vela, PhD
- 3:00 p.m. **Panel Discussion**
Panelists: Drs. McDermott, Aalami, Prakash, Velazquez-Ramirez, Rohan, Vela
- 3:15 p.m. **Refreshment Break and Exhibits**

■ Extremity Diseases II

Moderator: Neel A. Mansukhani, MD

- 3:30 p.m. **Preparing Amputees For Prosthetic Use**
Carrie Rooy, COTA/L Clinical Care Coordinator
- 3:45 p.m. **Factors Associated With Major Limb Loss After Open Transmetatarsal Amputation**
Vincent L. Rowe, MD
- 4:00 p.m. **Benefits Of Target Muscle Reinnervation During Major Lower Limb Amputation**
Sumanas W. Jordan, MD, PhD
- 4:15 p.m. **Role Of Endovascular Therapy For Arterial Thoracic Outlet Disorders**
Hugh A. Gelabert, MD
- 4:30 p.m. **Single Session Thrombolysis/Thrombectomy For Acute Upper Extremity Venous TOS**
Kush R. Desai, MD
- 4:45 p.m. **Panel Discussion**
Panelists: Drs. Roy, Rowe, Jordan, Gelabert and Desai
- 5:00 p.m. **Adjourn**

SATURDAY, DECEMBER 9, 2023

Moderator: Ashley K. Vavra, MD

- 7:00 a.m. **Trainee Case Presentations and Continental Breakfast**

■ Care Delivery And Vascular Practice

Moderator: Tadaki M. Tomita, MD

- 8:00 a.m. **What Have We Learned From BEST-CLI?**
Matthew T. Menard, MD
- 8:15 a.m. **Multidisciplinary Care After Major Limb Amputation**
Leigh A. O'Banion, MD
- 8:30 a.m. **Value Of The JVS Online Journal Club**
Misty D. Humphries, MD
- 8:45 a.m. **Pathways To Develop Practicing Surgeons Into Hospital And Medical School Leaders**
Melina R. Kibbe, MD
- 9:00 a.m. **Panel Discussion**
Panelists: Drs. Menard, O'Banion, Humphries and Kibbe
- 9:30 a.m. **Refreshment Break and Exhibits**

■ Cerebrovascular Disease

Moderator: Mark K. Eskandari, MD

- 10:00 a.m. **Implantable Carotid Sinus Stimulator For Heart Failure And Refractory Hypertension**
Luis A. Sanchez, MD
- 10:15 a.m. **Remote History Of A Neurologic Event May Be A Marker For Increased Risk Among Asymptomatic Carotid Patients**
Peter L. Faries, MD
- 10:30 a.m. **Outcomes And Role Of Shunting During CEA For Symptomatic Patients**
Jeffrey J. Siracuse, MD, MBA
- 10:45 a.m. **Understanding The Hazards And Benefits Of Carotid Interventions For Women**
Caron Rockman, MD
- 11:00 a.m. **Role Of Adjunctive Neuromonitoring With TCAR:**
Todd R. Vogel, MD, MPH
- 11:15 a.m. **Carotid Endarterectomy Closure: Primary, Eversion, Or Patch?**
R. Clement Darling III, MD
- 11:30 a.m. **Panel Discussion**
Panelists: Drs. Sanchez, Faries, Siracuse, Rockman, Vogel and Darling
- 12:00 p.m. **Closing Comments**
Mark K. Eskandari, MD



- ☐ Physicians\$ 850.00
- ☐ Residents, Fellows, Nurses\$ 500.00

How to Register

Online: Go to: <https://northwestern.cloud-cme.com/vascular23>

Or Mail with Check to:
Northwestern University
Feinberg School of Medicine
Division of Vascular Surgery
Attn: Marsha Blunt
676 N. Saint Clair St., Ste. 650, Arkes Pavilion
Chicago, IL 60611
Marsha.blunt@nm.org

Please make your check payable to Northwestern University.

The registration fee includes: 3 continental breakfasts, 2 lunches, refreshment breaks, and a course textbook. **Please note:** Credit card payments cannot be accepted for phone, postal mail, or for on-site registrations. If you plan to register on-site, please bring a check made payable to "Northwestern University".

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Are you a Northwestern University Feinberg School of Medicine Alumni? ☐ Yes ☐ No

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Northwestern University
Division of Vascular Surgery
676 N. Saint Clair Street, Arkes 650
Chicago, IL 60611

