

48th Annual Northwestern Vascular Symposium

DECEMBER 12-14, 2024

InterContinental Chicago
Chicago, Illinois

SPONSORED BY:

 **Northwestern Medicine**
Feinberg School of Medicine

Northwestern University
Feinberg School of Medicine
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. Review of limitations of EVAR
3. Review of current treatment options for visceral and renal artery aneurysm and occlusive disease
4. Present 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. **Individual Call-In:** Reservation may be made by individuals directly with Hotel Reservations Department by calling 312-321-8895 before the **cut-off date, Wednesday, November 20, 2024**. Attendees should identify themselves as guests or participants in the Northwestern Vascular Symposium in order to receive the special group rates. **Online Booking:** <https://book.passkey.com/go/68c80de1>

Attendees may begin online registration May 6, 2024. **Guests must cancel their reservations 72 hours prior to arrival or the first night's room and tax will be charged.**

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 18.75 *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.

REQUESTING ACCOMMODATIONS

Northwestern University is committed to providing reasonable accommodations for all events and programs. Accommodations such as sign language interpreters, accessible seating, and presentation materials in alternate formats are provided upon request. Please contact Sara Minton at sminton@nm.org by November 15, 2024. Every reasonable effort will be made to implement accommodations in an effective and timely manner.

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/vascular2024>. 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

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Gabriel A. Wallace, MD
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Karen Woo, MD, PhD
David Geffen School of Medicine
UCLA
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Wei Zhou, MD
University of Arizona
College of Medicine
Tucson, AZ

PROGRAM DESCRIPTION 2024

Welcome to the 48th 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 48th year of the meeting.

AGENDA

THURSDAY, DECEMBER 12, 2024

- 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. **Outcomes Of Total Aortic Arch Replacement Using A Frozen Elephant Trunk**
Anthony Estrera, MD
- 8:15 a.m. **Endovascular Repair Of Aortic Arch Aneurysms And Dissections**
Bradley S. Taylor, MD, MPH
- 8:30 a.m. **Outcomes Of Physician-Modified Fenestrated-Branched Endovascular Repair Of Post-Dissection Complex Aortic Aneurysms**
Sugku M. Han, MD, MS
- 8:45 a.m. **Benefits Of Locoregional Anesthesia For Elective EVAR**
Michael C. Stoner, MD
- 9:00 a.m. **Does Preservation Of Antegrade Hypogastric Flow Make A Difference Following Open Aorto-Iliac Aneurysm Repair?**
Kyla M. Bennett, MD
- 9:15 a.m. **Panel Discussion**
Panelists: Drs. Estrera, Taylor, Han, Stoner and Bennett
- 9:30 a.m. **Refreshment Break and Exhibits**
- **Aortic Diseases II**
Moderator: Tadaki M. Tomita, MD
- 10:00 a.m. **Value Of Overhead Arm Support During Complex EVAR/TEVAR**
Kirsten Dansey, MD, MPH
- 10:15 a.m. **Transposition Of Anomalous Left Vertebral To Carotid Artery For TEVAR: Techniques And Outcomes**
Gregory A. Magee, MD, MSc
- 10:30 a.m. **Retrograde Type A Dissection After TEVAR: Incidence And Preventative Techniques**
Kent Mackenzie, MD
- 10:45 a.m. **Endovascular Considerations For End Organ Ischemia In Acute Type A Dissections**
Kendal Endicott, MD
- 11:00 a.m. **CT Fusion, FORS, And Radiation Reduction Strategies In Complex Aortic Practice**
Javairiah Fatima, MD
- 11:15 a.m. **Long-Term Management Of The Thoracic Aorta Distal To A Frozen Elephant Trunk**
Neel A. Mansukhani, MD
- 11:30 a.m. **Panel Discussion**
Panelists: Drs. Dansey, Magee, Mackenzie, Endicott, Fatima and Mansukhani
- 12:00 p.m. **Luncheon: Camelot Room**

■ Complex Arterial And Venous Diseases

- Moderator: Anand Brahmandam, MBBS*
- 1:30 p.m. **"Crescent Sign": What Does It Really Mean?**
Benjamin M. Jackson, MD
- 1:45 p.m. **Technical Tips For Endovascular Repair Of Iliac Artery Aneurysms**
Darren B. Schneider, MD
- 2:00 p.m. **Novel Technique To Fenestrate An Aortic Dissection Flap Using Electrocautery**
Loay Kabbani, MD
- 2:15 p.m. **Technical Tips For Renal Transposition To Treat Nutcracker Syndrome**
Audra Duncan, MD
- 2:30 p.m. **Gondal Vein Transposition For Nutcracker Syndrome**
Cynthia K. Shortell, MD
- 2:45 p.m. **Panel Discussion**
Panelists: Drs. Jackson, Schneider, Kabbani, Duncan and Shortell
- 3:00 p.m. **Refreshment Break and Exhibits**

■ Vascular Access

- Moderator: Gabriel A. Wallace, MD*
- 3:30 p.m. **Individualized End-Stage Kidney Disease Life Plan**
Karen Woo, MD, PhD
- 3:45 p.m. **Management Of Access-Related Hand Ischemia**
Thomas S. Huber, MD, PhD
- 4:00 p.m. **Outcomes Of Peritoneal Dialysis Catheter Configurations And Pelvic Fixation**
Eric S. Hager, MD
- 4:15 p.m. **Ellipsys AVF: Techniques And Outcomes**
Elina Quiroga, MD, MPH
- 4:30 p.m. **WavelinQ AVF: Techniques And Outcomes**
Paul B. Kreienberg, MD
- 4:45 p.m. **Panel Discussion**
Panelists: Drs. Woo, Huber, Hager, Quiroga and Kreienberg
- 5:00 p.m. **Adjourn**

FRIDAY, DECEMBER 13, 2024

- 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. **Enhancing Vascular Surgery Training And Care Through Multi-Media Platforms And AI**
Alan B. Lumsden, MD
- 8:15 a.m. **Feasibility And Evaluation Of Vascular Surgery Simulation Training**
Mark A. Mattos, MD
- 8:30 a.m. **Importance Of The SVS Foundation**
Michael Dalsing, MD
- 8:45 a.m. **Shared Decision-Making For Older Adults Considering Major Surgery**
Peter Angelos, MD, PhD
- 9:00 a.m. **Strategic Value Of Community Network Hospitals Within The Health System**
Hasan B. Alam, MBBS
- 9:15 a.m. **Panel Discussion**
Panelists: Drs. Lumsden, Mattos, Dalsing, Angelos and Alam
- 9:45 a.m. **Refreshment Break and Exhibits**
- **Extremity Diseases I**
Moderator: George E. Havelka, MD
- 10:00 a.m. **Utility Of Intravascular Ultrasound For Lower Extremity Endovascular Interventions**
Anand Brahmandam, MBBS
- 10:15 a.m. **Evaluation And Management Of Popliteal Entrapment**
Courtney E. Morgan, MD
- 10:30 a.m. **Obturator Bypass: Indications, Techniques, And Outcomes**
Steven D. Abramowitz, MD
- 10:45 a.m. **Principles For Prevention And Treatment Of Diabetic Foot Ulcers**
Katherine A. Gallagher, MD
- 11:00 a.m. **Diabetic Foot-Pain-Depression Cycle**
David G. Armstrong, DPM, PhD
- 11:15 a.m. **Panel Discussion**
Panelists: Drs. Brahmandam, Morgan, Abramowitz, Gallagher 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

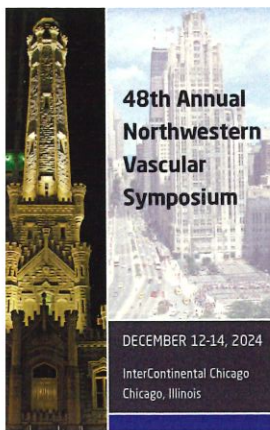
- Moderator: Karen J. Ho, MD*
- 1:30 p.m. **Work-Up And Management Of Fibromuscular Dysplasia**
Natalia Fendrikova-Mahlay, MD
- 1:45 p.m. **Isolated Visceral And Extra-Cranial Cerebrovascular Arterial Dissections: Treatment Althorithm**
Aditya Sharma, MD
- 2:00 p.m. **Non-Invasive Imaging For Vascular Regenerative Medicine**
Bin Jiang, PhD
- 2:15 p.m. **Clinical Value Of 4D Flow MRI For Type B Aortic Dissections**
Bradley D. Allen, MD, MS
- 2:30 p.m. **Assessing Frailty In Vascular Surgery Patients**
Shipra Arya, MD
- 2:45 p.m. **Utility Of Bilateral Temporal Artery Biopsy To Diagnose Giant Cell Arteritis**
Jennifer Stableford, MD
- 3:00 p.m. **Panel Discussion**
Panelists: Drs. Fendrikova-Mahlay, Sharma, Jiang, Allen, Arya and Stableford
- 3:15 p.m. **Refreshment Break and Exhibits**

■ Extremity Diseases II

- Moderator: Neel A. Mansukhani, MD*
- 3:30 p.m. **Comparison Of Primary Bypass And Bypass After Failed Endo: Are Bridges Burned?**
Alik Farber, MD, MBA
- 3:45 p.m. **Overview Of Distal Vein Patch/Cuff Configurations For Infragenicular Prosthetic Bypass**
Neal Barshes, MD, MPH
- 4:00 p.m. **Influence Of Sociodemographic Factors On Amputation Among Patients With Vascular Disease**
Tadaki M. Tomita, MD
- 4:15 p.m. **Improving Outcomes Of SFA Stenting By Adhering To A Surveillance Duplex Schedule**
Michael Shih, MD
- 4:30 p.m. **Evaluation Of The Patient With Chronic Pelvic Pain For Vascular Causes**
Bernadette Aulivola, MD
- 4:45 p.m. **Panel Discussion**
Panelists: Drs. Farber, Barshes, Tomita, Shih and Aulivola
- 5:00 p.m. **Adjourn**

SATURDAY, DECEMBER 14, 2024

- Moderator: Ashley K. Vavra, MD*
- 7:00 a.m. **Trainee Case Presentations and Continental Breakfast**
- **Care Delivery And Vascular Practice**
Moderator: Andrew Hoel, MD
- 8:00 a.m. **Risk Factors For Rupture Of AAA Below Practice Guidelines**
Jordan R. Stern, MD
- 8:15 a.m. **Applications Of Artificial Intelligence In Vascular Surgery**
Nathan L. Liang, MD, MS
- 8:30 a.m. **GLASS (Global Limb Anatomic Staging System): How To Incorporate It Into Your Practice**
Michael S. Conte, MD
- 8:45 a.m. **Developing A Successful Limb Evaluation And Amputation Program**
Anahita Dua, MD, MBA, MSC
- 9:00 a.m. **Health Literacy, PAD-Specific Knowledge, And Activation Among Patients With PAD**
Karen J. Ho, MD
- 9:15 a.m. **Important Coding Updates**
Matthew J. Sideman, MD
- 9:30 a.m. **Panel Discussion**
Panelists: Drs. Stern, Liang, Conte, Dua, Ho and Sideman
- 9:45 a.m. **Refreshment Break and Exhibits**
- **Cerebrovascular Disease**
Moderator: Mark K. Eskandari, MD
- 10:00 a.m. **Diagnosis And Management Of Carotid Webs**
Clayton J. Brinster, MD
- 10:15 a.m. **Concomitant Ipsilateral CEA And Stenting For Tandem Lesions: Tips And Outcomes**
Christopher J. Smolock, MD
- 10:30 a.m. **Does Age Impact Cognitive Changes After Carotid Intervention?**
Wei Zhou, MD
- 10:45 a.m. **Top Five Complications Of TCAR: How To Avoid Them**
Thomas S. Maldonado, MD
- 11:00 a.m. **Carotid Lesion Length As A Predictor Of Stroke After TCAR**
Nathan Aranson, MD
- 11:15 a.m. **Panel Discussion**
- 11:30 a.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/vascular2024>

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".

PLEASE TYPE OR PRINT

Last Name _____ MD
 RN
 Other _____

First Name _____

Address _____

City _____ State _____ Zip _____

Daytime Phone _____

Fax _____

Email (required) _____

(Your registration confirmation will be emailed.)

Specialty _____



Please indicate any accommodation requests

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

Will you be claiming MOC? Yes No

ABS Diplomate ID:

Birthdate (month/year only):

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