44th Annual Northwestern Vascular Symposium

DECEMBER 12-14, 2019
InterContinental Chicago
Chicago, Illinois
TARGET AUDIENCE
Healthcare professionals who detect, diagnose, manage and treat vascular diseases, including but not limited to aneurysms, stroke prevention, peripheral vascular disease, venous disease and blood flow issues.

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 at hospitals
12. Evaluate the best practices for percutaneous arterial access

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
For hotel reservations, please contact the InterContinental Chicago at (800) 628-2112 and identify yourself as a participant of the 44th Annual Northwestern Vascular Symposium. A block of rooms has been reserved at the InterContinental Chicago for a special rate of $169 (plus tax) for single or double occupancy in the Grand Tower. Participants are responsible for making their own hotel reservations. Guests may make their hotel reservations either by using the Booking link or contacting the Reservation center.

Booking Link: https://bit.ly/2HVrgrT
- Link automatically populates the peak contracted. Guests can click "change search" to modify their arrival/departure date.
- If guests do not need to modify their dates, they can click directly on 'select room' and then 'select rate' which will be the contracted rate


Room reservations made after November 11, 2019 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 21 AMA PRA Category 1 Credits™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

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. No refunds will be granted after December 2, 2019.
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 significant relationships with commercial companies prior to the symposium. The course syllabus will identify any significant relationships.

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 either the CME website at www.cme.northwestern.edu or the Vascular Symposium website at https://www.surgery.northwestern.edu/divisions/vascular/education/vascular-symposium.html. 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

PROGRAM DIRECTOR
Mark K. Eskandari, MD

SPEAKERS
Edward J. Arous, MD, MPH
University of Massachusetts Medical School
Enrico Ascher, MD
New York University School of Medicine
NYU Langone Hospital
Bernadette Auliovla, MD
Stritch School of Medicine
Loyola University
Neal R. Barshes, MD, MPH
Baylor College of Medicine
Adam W. Beck, MD
University of Alabama at Birmingham
Benjamin S. Brooke, MD, PhD
University of Utah School of Medicine
Kellie R. Brown, MD
Medical College of Wisconsin
Daniel G. Clair, MD
School of Medicine
University of South Carolina
Anthony J. Comerota, MD
Inova Heart and Vascular Institute
Paul DiMuzio, MD, MBA
Thomas Jefferson University
Matthew J. Eagleton, MD
Harvard Medical School
Thomas L. Forbes, MD
University of Toronto
Manuel Garcia Toca, MD
The Ohio State University
Michael R. Go, MD
Wexner Medical Center
The Ohio State University
Mounir J. Haurani, MD
Wexner Medical Center
The Ohio State University
Peter K. Henke, MD
University of Michigan
Karen J. Ho, MD
Feinberg School of Medicine
Northwestern University
Andrew W. Hoel, MD
Feinberg School of Medicine
Northwestern University
Eugene M. Langan, III, MD
University of South Carolina
School of Medicine – Greenville
Peter F. Lawrence, MD
David Geffen School of Medicine
at UCLA
Byung-Boong (BB) Lee, MD, PhD
George Washington University
Cheong Jun Lee, MD
University of Chicago
Pritzker School of Medicine
Joseph V. Lombardi, MD
Cooper Medical School
of Rowan University
Sean P. Lyden, MD
The Cleveland Clinic
Robyn A. Maciata, MD
George Washington University
Thomas M. Maldonado, MD
NYU Langone Medical Center
Natalie A. Marks, MD
NYU School of Medicine
Walter J. McCarthy, MD
Rush Medical College
Rush University Medical Center
Ross Milner, MD
University of Chicago Medicine
J. Gregory Modrall, MD
University of Texas Southwestern Medical Center
Samuel R. Money, MD, MBA
Mayo Clinic
Gustavo S. Oderich, MD
Mayo Clinic
Oscar L. Ojeda, MD
Catholic University of Ecuador
Marc C. Passman, MD
University of Alabama at Birmingham
Eric K. Peden, MD
Houston Methodist DeBakey Heart & Vascular Center
Bruce A. Perler, MD, MBA
The Johns Hopkins Hospital
Eina Quiroga, MD
University of Washington
Elizabeth V. Ratchford, MD
Johns Hopkins University
School of Medicine
Scott Resnick, MD
Feinberg School of Medicine
Northwestern University
Heron E. Rodriguez, MD
Feinberg School of Medicine
Northwestern University
Payam Salehi, MD, PhD
Tufts University Medical Center
Russell H. Samson, MD
Florida State University Medical School
Luis A. Sanchez, MD
Washington University School of Medicine in St. Louis
Rajabrate Sarkar, MD, PhD
University of Maryland Medical Center
Salvatore T. Scali, MD
University of Florida
College of Medicine
Jeffrey J. Siracuse, MD
Boston University
School of Medicine
Oren K. Steinmetz, MD
McGill University
Montreal, Quebec, Canada
Timothy M. Sullivan, MD
Minneapolis Heart Institute
Tadaki M. Tomita, MD
Feinberg School of Medicine
Northwestern University
Gilbert R. Upchurch, Jr., MD
University of Florida
Ashley K. Vavra, MD
Feinberg School of Medicine
Northwestern University
Frank J. Veith, MD
The Cleveland Clinic
Lenox College of Medicine
New York University Medical Center
Robert Vogelzang, MD
Feinberg School of Medicine
Northwestern University
This two-and-a-half-day course provides Category 1 continuing medical education (CME) credits, American Board of Surgery Maintenance of Certification (MOC) credits and a hardcover textbook authored by the participating faculty. We have brought together 50 national experts in their respective fields of vascular care who have contributed an up-to-date written chapter that accompanies their corresponding 15-minute presentation. Speakers are selected 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 long-standing tradition of our program has been the inclusion of several short case presentations given by the Northwestern faculty during the continental breakfast on Friday and Saturday mornings. We recognize the educational value of this interactive experience and invite the audience to participate along with our panelists.
Complex Arterial and Venous Diseases

Moderator: Tadaki M. Tomita, MD

1:30 p.m. Systematic Review of Venous Aneurysms by Anatomic Location
Thomas M. Maldonado, MD

1:45 p.m. Understanding How To Diagnose and Treat Pelvic Venous Insufficiency
Michael Go, MD

2:00 p.m. Limb-Sparing Surgery with Vascular Reconstruction for Malignant Lower Extremity Soft Tissue Sarcoma
Oren K. Steinmetz, MD

2:15 p.m. Managing Vascular Emergencies Due to IV Drug Abuse
Elina Quiroga, MD

2:30 p.m. Contemporary Management of Extremity Arteriovenous Malformations
Robert Vogelzang, MD

2:45 p.m. Panel Discussion

3:15 p.m. Refreshment Break and Exhibits

Visceral And Renal Artery Disease

Moderator: Heron E. Rodriguez, MD

3:30 p.m. Open Retrograde SMA Stenting: How to Make It Go Smoothly
Ross Milner, MD

3:45 p.m. Late Visceral Artery Patency after Fenestrated Aortic Stent Grafting
Matthew J. Eagleton, MD

4:00 p.m. Renal Artery Fibromuscular Dysplasia: When and How to Intervene
Scott Resnick, MD

4:15 p.m. Is Stenting for Atherosclerotic Renal Artery Stenosis Ever Indicated?
J. Gregory Modrall, MD

4:30 p.m. Splenic Artery Embolization Techniques
Daniel G. Clair, MD

4:45 p.m. Panel Discussion

5:15 p.m. Adjourn

FRIDAY, DECEMBER 13, 2019

Moderator: Mark K. Eskandari, MD

7:00 a.m. Case Presentations and Continental Breakfast

Vascular Access

Moderator: Karen J. Ho, MD

8:00 a.m. Percutaneous Arteriovenous Fistula Creation
Eric K. Peden, MD

8:15 a.m. Impact of Implantable Cardiac Devices on Arteriovenous Fistula and Graft Patency
Manuel Garcia-Toca, MD

8:30 a.m. Clinical Effectiveness of Open Thrombectomy for Occluded Arteriovenous Fistulas Versus Grafts
Benjamin S. Brooke, MD, PhD

8:45 a.m. One-Stage Versus Two-Stage Basilic Vein Transposition
Ashley K. Vavra, MD

9:00 a.m. Right Atrial Vein Bypass for Permanent AV Access in Patients with Central Vein Occlusion
Robyn A. Macsata, MD

9:15 a.m. Panel Discussion

9:45 a.m. Refreshment Break and Exhibits

Current Issues In Vascular Surgery

Moderator: Mark K. Eskandari, MD

10:00 a.m. Objectives of the SVS Practice Guidelines: How To best Utilize Them
Peter F. Lawrence, MD

10:15 a.m. How to address the impending shortage of vascular surgeons in the united states
Edward J. Arous, MD, MPH

10:30 a.m. AI and Machine Learning for Vascular Surgery
Eugene M. Langan III, MD

10:45 a.m. How to Avoid a Lawsuit: “Never Events” in Vascular Surgery
Russell Samson, MD

11:00 a.m. Industry Partnerships in Vascular Surgery: How and Why?
Bruce A. Perler, MD, MBA

11:15 a.m. Key Steps to Maintain Our Identity as Vascular Surgeons
Frank J. Veith, MD

11:30 a.m. Panel Discussion

11:45 a.m. Refreshment Break and Exhibits

Moderator: Andrew W. Hoel, MD

12:00 p.m. Case Presentations and Luncheon
Lower Extremity Venous Disease

Moderator: Ashley K. Vavra, MD

1:30 p.m. Stent Patency Among Patients with Advanced Chronic Venous Disease and Non-Thrombotic Iliac Vein Lesions
Enrico Ascher, MD

1:45 p.m. Are Tibial Vein Clots Important?
Anthony J. Comerota, MD

2:00 p.m. What is the Role of Follow-Up Venous Duplex Ultrasound After an Acute Lower Extremity DVT?
Mounir J. Haurani, MD

2:15 p.m. Treating Saphenous Vein Reflux: What are the Options?
Marc C. Passman, MD

2:30 p.m. Is Compression Needed After Ablation?
Kellie R. Brown, MD

2:45 p.m. Panel Discussion

3:15 p.m. Refreshment Break and Exhibits

Lower Extremity Arterial Disease

Moderator: Tadaki M. Tomita, MD

3:30 p.m. Optimal Medical Management of Peripheral Artery Disease
Elizabeth V. Ratchford, MD

3:45 p.m. Benefits of Routine Ultrasound-Guided Arterial Access for Peripheral Interventions
Cheong Jun Lee, MD

4:00 p.m. Retrograde Popliteal Access for Occlusive Disease: Technical Tips and Outcomes
Jeffrey J. Siracuse, MD

4:15 p.m. Negative Pressure Therapy for Prevention of Incisional Complication
Paul DiMuzio, MD

4:30 p.m. Does Distal Vein Patch Use for Infragenicular Prosthetic Bypass Make a Difference?
Neal R. Barshes, MD, MPH

4:45 p.m. Status of Drug-Eluting Balloon Angioplasty For SFA Lesions: Are There Unintended Long-Term Risks of Mortality?
Thomas L. Forbes, MD

5:00 p.m. Panel Discussion

5:15 p.m. Adjourn

Saturday, December 14, 2019

Moderator: Heron E. Rodriguez, MD

7:00 a.m. Case Presentations and Continental Breakfast

Upper Extremity Diseases

Moderator: Andrew W. Hoel, MD

8:00 a.m. Surgical Management of Venous Thoracic Outlet Syndrome
Rajabatra Sarkar, MD, PhD

8:15 a.m. Recommendations for Managing Takayasu’s Lesions
Byung-Boong Lee, MD

8:30 a.m. Techniques for Successful Axillary Conduits When Using Mechanical Circulatory Devices
Payam Salehi, MD, PhD

8:45 a.m. Radial Artery Access for Peripheral Interventions: Feasibility and Limitations
Heron E. Rodriguez, MD

9:00 a.m. Brachial Sheath Hematoma: Prevention, Diagnosis, and Treatment
Bernadette Aulivola, MD

9:15 a.m. Panel Discussion

9:45 p.m. Refreshment Break and Exhibits

Cerebrovascular and Supra-Aortic Trunk Disease

Moderator: Mark K. Eskandari, MD

10:00 a.m. Incidence and Management of Extracranial Carotid Aneurysms
Samuel R. Money, MD, MBA

10:15 a.m. Is There Good Evidence for Routine Use of Carotid Patches?
Karen J. Ho, MD

10:30 a.m. Diagnosis and Management of Internal Carotid Artery “String Sign”: When To Intervene?
Natalie A. Marks, MD

10:45 a.m. Techniques for Improving Outcomes of Large Carotid Body Tumor Resection
Oscar L. Ojeda, MD

11:00 a.m. Mini-Incision CEA: Results and Technique
Timothy M. Sullivan, MD

11:15 a.m. Panel Discussion

12:00 p.m. Closing Comments
Mark K. Eskandari, MD
Physicians ........................ $ 850.00  
Residents, Fellows, Nurses .......... $ 575.00

How to Register
On-Line:  
Go to [www.cme.northwestern.edu/conferences](http://www.cme.northwestern.edu/conferences).

Or Mail with check to: 
Northwestern University Feinberg School  
Office of Continuing Medical Education  
420 E. Superior St., Ste. 9-900  
Chicago, IL 60611-3008  
Phone: 312-503-8533

Please make your check payable to Northwestern University.  
(Residents and Fellows must enclose letters from their Chiefs of Service)

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