

M Northwestern Medicine
Feinberg School of Medicine

NorthwesternMedicine@ is the shared vision that joins Northwestern Memorial HealthCare and Northwestern University Feinberg School of Medicine in a collaborative effort to transform medicine through quality healthcare, academic excellence and scientific discovery.

Office of Continuing Medical Education
Feinberg School of Medicine
240 E. Huron, Suite 1-200
Chicago, IL 60611-3008



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Chicago, Illinois

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43rd Annual Northwestern Vascular Symposium

DECEMBER 6-8, 2018

InterContinental Chicago
Chicago, Illinois

SPONSORED BY:

M 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

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:

- List current treatment recommendations for extra-cranial carotid and supra-aortic trunk arterial occlusive disease
- Describe the expected outcomes of lower extremity revascularization for arterial occlusive disease following open surgical and endovascular techniques
- Discuss new information about the treatment of lower extremity venous disease
- Evaluate the limitations of EVAR
- Demonstrate the treatment options for visceral and renal artery aneurysmal and occlusive disease
- Discuss the growing application of TEVAR for thoracic aortic pathology
- Relay information about the latest developments in treatment of thoracoabdominal aortic aneurysm disease
- Evaluate new developments in the management of complex venous disease
- Recall information on the latest in treatment of upper extremity vascular disease and hemodialysis access
- Demonstrate the clinical application of the course contents through the panel and case study discussions

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 reservation department at the InterContinental Hotel (800-628-2112) and identify yourself as a participant of the 43rd Annual Northwestern Vascular Symposium in order to receive the special group rate.

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. Please identify yourself as a registrant of 43rd Annual Northwestern Vascular Symposium to receive the reduced room rate. Room reservations made after November 5, 2018 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 21.25 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 November 26, 2018.

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 DISCLOSURE

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 our website at: www.cme.northwestern.edu. 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 DIRECTORS

Mark K. Eskandari, MD
William H. Pearce, MD

SPEAKERS

Sarah (Sadie) Bazur-Leidy, MPH
American College of Surgeons

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University of South Florida College
of Medicine

Thomas C. Bower, MD
Mayo Clinic College of Medicine

Venita Chandra, MD
Stanford University School of Medicine

Kristofer Charlton-Ouw, MD
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University of Iowa College of Medicine

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University of Virginia Medical School

Timothy M. Sullivan, MD
Minneapolis Heart Institute

Tadaki M. Tomita, MD
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University of Missouri

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Hospital of the University of
Pennsylvania

Fred Weaver, MD, MMM
University of Southern California Keck
School of Medicine

PROGRAM DESCRIPTION 2018

Welcome to our 43rd Annual Northwestern Vascular Symposium. This two and a half day course provides 21.25 category 1 continuing medical education (CME) credits, 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. 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 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.

In addition to the CME and MOC credits, registration for the meeting includes a daily continental breakfast, lunch, refreshments, and the hardcover textbook. We look forward to having you join us in Chicago during this festive time of year.

AGENDA

THURSDAY, DECEMBER 6, 2018

- 7:00 a.m. **Registration and Continental Breakfast**
- 7:30 a.m. **Welcome and Introduction**
Mark K. Eskandari, MD
- 7:35 a.m. **SVS History Working Group Update**
Walter J. McCarthy III, MD

■ Abdominal Aortic Diseases

- MODERATOR: Mark K. Eskandari, MD
- 8:00 a.m. **Aortic Neck Dilation After EVAR Is Influenced By Device Type**
Jason T. Lee, MD
- 8:15 a.m. **Insights From The GREAT Registry**
Ross Milner, MD
- 8:30 a.m. **Repair Of Ruptured AAA After Cardiac Arrest: Is It Indicated?**
R. Clement Darling III, MD
- 8:45 a.m. **Iliac Branched Stent Grafting Techniques, Outcomes, And Limitations**
Heron E. Rodriguez, MD
- 9:00 a.m. **Key Steps To Successful Open Complex Abdominal Aortic Surgery**
Kenneth J. Cherry Jr., MD
- 9:15 a.m. **Panel Discussion**
- 9:45 a.m. **Refreshment Break and Exhibits**

■ Thoracic/Thoracoabdominal Diseases

- MODERATOR: Andrew W. Hoel, MD
- 10:00 a.m. **Recommendations For Medical Versus Interventional Treatment Of Penetrating Aortic Ulcers**
Benjamin M. Jackson, MD
- 10:15 a.m. **Remodeling Of Abdominal Aortic Branch Perfusion After TEVAR For Complicated Type B Aortic Dissections**
Fred A. Weaver, MD, MMM
- 10:30 a.m. **Percutaneous Septotomy Or Septectomy For Complicated Type B Aortic Dissections: Techniques And Outcomes**
Juan C. Parodi, MD, PhD
- 10:45 a.m. **New Type A Dissection After Acute Type B Dissection**
Kristofer M. Charlton-Ouw, MD
- 11:00 a.m. **Open Repair Of Chronic Type B Dissection**
Anthony Estrera, MD
- 11:15 a.m. **Panel Discussion**
- 11:45 a.m. **Refreshment Break and Exhibits**
- 12:00 p.m. **Luncheon**

■ Complex Arterial And Venous Diseases

MODERATOR: Ashley K. Vavra, MD

- 1:30 p.m. **Technical Tips And Outcomes Of Obturator Canal Bypass**
Joseph S. Giglia, MD
- 1:45 p.m. **Endovascular Therapies In Pediatric Arterial Trauma**
Jayer Chung, MD, MSc
- 2:00 p.m. **Management Of Access Complications For ECMO And Temporary Ventricular Assist Devices**
Ashley K. Vavra, MD
- 2:15 p.m. **Interventional Therapies For Pulmonary Embolism**
Scott A. Resnick, MD
- 2:30 p.m. **Open Pulmonary Embolectomy: When Is It Indicated And How Is It Done?**
S. Chris Malaisrie, MD
- 2:45 p.m. **Pelvic Congestion Syndrome And Ovarian Vein Thrombosis: Natural History And Treatment Outcomes**
Rafael D. Malgor, MD
- 3:00 p.m. **Panel Discussion**
- 3:15 p.m. **Refreshment Break and Exhibits**

■ Visceral And Renal Artery Disease

MODERATOR: Tadaki M. Tomita, MD

- 3:30 p.m. **Prevention Of Renal Dysfunction After Mechanical Thrombectomy**
Vikram S. Kashyap, MD
- 3:45 p.m. **Durability Of Celiac Artery Stent Grafts After Fenestrated Aortic Stent Graft Repair**
Andrew W. Hoel, MD
- 4:00 p.m. **When Is Pre-emptive Inferior Mesenteric Artery Embolization Indicated In Conjunction With EVAR?**
Timothy M. Sullivan, MD
- 4:15 p.m. **Nutcracker Syndrome: Endovascular And Open Options**
Thomas S. Maldonado, MD
- 4:30 p.m. **How To Do A Visceral Aortic Endarterectomy For Occlusive Disease**
Thomas C. Bower, MD
- 4:45 p.m. **Panel Discussion**
- 5:15 p.m. **Adjourn**

FRIDAY, DECEMBER 7, 2018

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. **Femoral Vein Transposition For Dialysis Access**
Alik Farber, MD
- 8:15 a.m. **Outcomes Of Proximal Radial-Cephalic Arteriovenous Fistulas**
C. Keith Ozaki, MD
- 8:30 a.m. **Cephalic Vein Transposition For Cephalic Arch Stenosis**
Ellen D. Dillavou, MD
- 8:45 a.m. **Bovine Carotid Artery Xenografts For Dialysis Access**
Matthew J. Dougherty, MD
- 9:00 a.m. **Repeated Percutaneous Interventions For AVF/AVG: When To Quit?**
William P. Robinson, MD
- 9:15 a.m. **Panel Discussion**
- 9:45 a.m. **Refreshment Break and Exhibits**

■ Lower Extremity Venous Disease

MODERATOR: Heron E. Rodriguez, MD

- 10:00 a.m. **Interpreting The Results Of The ATTRACT Trial**
Kush Desai, MD
- 10:15 a.m. **Indications For Iliocaval Stenting For Chronic Venous Disease**
Brian G. DeRubertis, MD
- 10:30 a.m. **Retrieval Of Fractured Filters**
Hector Ferral, MD
- 10:45 a.m. **Venous Mapping In Anticipation Of Ablation: Markers Precluding A Successful Outcome**
Tadaki M. Tomita, MD
- 11:00 a.m. **Technical "Pearls" Of Cosmetic Sclerotherapy**
M. Ashraf Mansour, MD, MBA
- 11:15 a.m. **Key Components Of Pulmonary Embolism Response Teams (PERT)**
Michael R. Jaff, DO
- 11:30 **Panel Discussion**
- 11:45 a.m. **Refreshment Break and Exhibits**

MODERATOR: Heron E. Rodriguez, MD

- 12:00 p.m. **Case Presentations and Luncheon**

■ Current Issues In Vascular Surgery

MODERATOR: Mark K. Eskandari, MD

- 1:30 p.m. **American College Of Surgeons And Global Health Programs**
Sarah Bazur-Leidy, MPH
- 1:45 p.m. **Perceived And Actual Benefits Of A Cardiovascular Center**
K. Craig Kent, MD
- 2:00 p.m. **Vascular Low Frequency Disease Consortium: Overview Of Completed Projects**
Peter F. Lawrence, MD
- 2:15 p.m. **Tools Needed To Enhanced NIH-Funded Vascular Surgeons**
Peter K. Henke, MD
- 2:30 p.m. **Importance Of Leadership And Mentorship In Surgery**
Omaida C. Velazquez, MD
- 2:45 p.m. **Panel Discussion**
- 3:15 p.m. **Refreshment Break and Exhibits**

■ Lower Extremity Arterial Disease

MODERATOR: Ashley K. Vavra, MD

- 3:30 p.m. **Exercise Training For Intermittent Claudication**
Mary M. McDermott, MD
- 3:45 p.m. **Postoperative Hyperglycemia and Adverse Outcomes in Patients Undergoing Vascular Surgery**
Todd R. Vogel, MD, MPH
- 4:00 p.m. **Updates In Guidelines And Therapies For Hyperlipidemia In PAD Patients**
Karen J. Ho, MD
- 4:15 p.m. **Principles And Applications Of Carbon Dioxide Angiography**
Mel J. Sharafuddin, MD
- 4:30 p.m. **Incidence And Prevention Of Distal Embolization During Lower Extremity Arterial Interventions**
Timur P. Sarac, MD
- 4:45 p.m. **Vacuum-Assisted Thrombectomy For Acute Limb Ischemia**
James F. Benenati, MD
- 5:00 p.m. **Panel Discussion**
- 5:15 p.m. **Adjourn**

SATURDAY, DECEMBER 8, 2018

MODERATOR: Andrew W. Hoel, MD

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

■ Upper Extremity Diseases

MODERATOR: Tadaki M. Tomita, MD

- 8:00 a.m. **Upper Extremity Fibromuscular Dysplasia**
Aditya M. Sharma, MD
- 8:15 a.m. **Natural History And Outcomes Of Catheter-Associated Upper Extremity DVT In Critically Ill Patients**
Dawn M. Coleman, MD
- 8:30 a.m. **Technique And Safety Of Upper Extremity Access During Endovascular Aortic Aneurysm Repair**
Darren B. Schneider, MD
- 8:45 a.m. **Technical Tips For Forearm Fasciotomy**
Jason Ko, MD
- 9:00 a.m. **The Clinical Impact Of A Wound Care Center On A Vascular Surgical Practice, Limb Salvage, And Beyond**
Venita Chandra, 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. **CEA In The Hyper-Acute Phase After Neurologic Symptoms**
Mohammed H. Eslami, MD
- 10:15 a.m. **Prevention, Identification, And Management Of Hyperperfusion Syndrome After CEA**
Grace J. Wang, MD
- 10:30 a.m. **Contralateral Perioperative Stroke After CEA**
W. Darrin Clouse, MD
- 10:45 a.m. **Transcarotid Stenting: Results and Technical Tips**
Rasesh M. Shah, MD
- 11:00 a.m. **Techniques To Reduce The Risk Of Stroke and Death Following Carotid Artery Stenting**
Mahmoud B. Malas, 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

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(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”.

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Are you a Northwestern University Feinberg School of Medicine Alumni?

Yes

No