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:
• Provide 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
• Provide 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
• Provide information about the latest developments in treatment of thoracoabdominal aortic aneurysm disease
• Evaluate new developments in the management of complex venous disease
• Provide 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 InterContinental Chicago at (800) 628-2112 and identify yourself as a participant of the 41st 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 Main Building or $209 (plus tax) for single or double occupancy in the Historic Tower. Participants are responsible for making their own hotel reservations. Please identify yourself as a registrant of 41st Annual Northwestern Vascular Symposium to receive the reduced room rate. Room reservations made after November 9, 2016 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 21.5 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 23, 2016.

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 and whether a faculty member will be discussing off-label usage.

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
Adam W. Beck, MD
University of Florida College of Medicine
Frank Caputo, MD
Cooper Medical School of Rowan University
Mark Conrad, MD
Harvard Medical School
Matthew A. Corriere, MD
Wake Forest University
Mark K. Henke, MD
University of Michigan
Karen Ho, MD
Northwestern University Feinberg School of Medicine
Andrew W. Hoei, MD
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Rush University Medical Center
Albeir Y. Mousa, MD
West Virginia University
Naim Nassiri, MD
Rutgers Robert Wood Johnson Medical School
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Tufts University School of Medicine
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Rush University Medical Center
Scott Resnick, MD
Northwestern University Feinberg School of Medicine
Heron E. Rodriguez, MD
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David H. Stone, MD
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Michael C. Stoner, MD
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Matthew P. Sweet, MD
University of Washington
Robert W. Thompson, MD
Washington University Medical School
Tadaki M. Tomita, MD
Northwestern University Feinberg School of Medicine
Gilbert Upchurch, Jr., MD
University of Virginia Health System
R. James Valentine, MD
Vanderbilt University School of Medicine
Virginia Wong, MD
Case Western Reserve University
Christopher K. Zarins, MD
Stanford University School of Medicine
Wei Zhou, MD
Stanford University School of Medicine
Peter Gloviczki, MD
Mayo Clinic
Eric S. Hager, MD
University of Pittsburgh Medical Center

Karen Ho, MD
Northwestern University Feinberg School of Medicine

Rory Fujitani, MD
University of California - Irvine
Hugh Gelabert, MD
UCLA Medical Center
Patrick Geraghty, MD
Washington University Medical School

Paul DiMuzio, MD
Thomas Jefferson University
Matthew J. Dougherty, MD
University of Pennsylvania
John A. Elefteriades, MD
Yale University School of Medicine

David Fox, MD
 Hofstra North Shore-LIJ School of Medicine

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Northwestern University Feinberg School of Medicine

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Matthew A. Corriere, MD
Wake Forest University

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

FACULTY
PROGRAM DESCRIPTION

Welcome to our 41st Annual Northwestern Vascular Symposium. This two and a half day course provides category 1 continuing medical education (CME) credits and a hardcover textbook authored by the participating faculty. We have brought together over 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 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 8, 2016

7:00 a.m.  Registration and Continental Breakfast
7:40 a.m.  Welcome and Introduction
Mark K. Eskandari, MD
7:45 a.m.  Past, Present, and Future of SVS Interview Program
Walter J. McCarthy III, MD

Cerebrovascular And Supra-Aortic Trunk Disease
Moderator: Mark K. Eskandari, MD
8:00 a.m.  Timing of Carotid Interventions After Acute Stroke
R. Clement Darling III, MD
8:15 a.m.  Embolic Protection Devices for TEVAR and TAVR
Francis J. Caputo, MD
8:30 a.m.  Spontaneous Re-Canalization of Occluded Extra-Cranial Internal Carotid Lesions
Babak S. Jahromi, MD, PhD
8:45 a.m.  Cognitive Effects of Asymptomatic Extra-Cranial Carotid Stenosis and Carotid Interventions
Wei Zhou, MD
9:00 a.m.  Variation in Carotid Criteria for CEA
Andres Schanzer, MD
9:15 a.m.  Panel Discussion
9:45 a.m.  Refreshment Break and Exhibits

Current Issues In Vascular Surgery
Moderator: William H. Pearce, MD
10:00 a.m.  Readmissions In Vascular Surgery
Karen J. Ho, MD
10:15 a.m.  Improving Operating Room Efficiency
Franklin Dexter, MD, PhD
10:30 a.m.  Operative Vascular Experience: Traditional Versus Integrated Pathways
Paul DiMuzio, MD
10:45 a.m.  Vascular Quality Initiative (VQI): What Does It Mean to the Practicing Vascular Surgeon?
Larry W. Kraiss, MD
11:00 a.m.  Radiation Exposure During Endovascular Procedures: Methods to Protect Patients, Physicians, and Hospital Personnel  
Melissa L. Kirkwood, MD

11:15 a.m.  Panel Discussion

11:45 a.m.  Refreshment Break and Exhibits

12:00 p.m.  Luncheon

Vascular Access
Moderator: Karen J. Ho, MD

1:30 p.m.  Impact of Anastomotic Angles on Vascular Access  
Alan Dardik, MD, PhD

1:45 p.m.  Interrupted Versus Continuous Suturing Techniques for Arteriovenous Access  
Karl A. Illig, MD

2:00 p.m.  What To Do With Patent Arteriovenous Fistulas After Successful Renal Transplantation  
David Fox, MD

2:15 p.m.  HeRO Grafts in Patients with Central Vein Occlusions: When and How to Incorporate Them in Your Practice  
Virginia L. Wong, MD

2:30 p.m.  Dialysis Access Coding: New and Upcoming Changes  
Matthew J. Sideman, MD

2:45 p.m.  Panel Discussion

3:15 p.m.  Refreshment Break and Exhibits

Lower Extremity Venous Disease
Moderator: Tadaki M. Tomita, MD

3:30 p.m.  Incidence of DVTs After Vascular Surgery  
Amy B. Reed, MD

3:45 p.m.  Treatment Algorithm for Acute Iliofemoral DVTs  
Peter K. Henke MD

4:00 p.m.  Sequential Versus Concomitant Phlebectomy for Varicose Veins Treated With Venous Ablation  
Hugh A. Gelabert, MD

4:15 p.m.  Recurrence of Varicose Veins After Endovenous Ablation  
Thomas F. O’Donnell, Jr., MD

4:30 p.m.  Factors Influencing Perforator Vein Closure Rates After Endovenous Interventions  
Eric S. Hager, MD

4:45 p.m.  Panel Discussion

5:15 p.m.  Adjourn

FRIDAY, DECEMBER 9, 2016

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

Lower Extremity Arterial Disease
Moderator: Karen J. Ho, MD

8:00 a.m.  How You’ll Intervene on Legs in Three Years: Biodegradable Scaffolds and Next Generation Drug Delivery  
Patrick J. Geraghty, MD

8:15 a.m.  Common Femoral Artery Endarterectomy: Its Current Role in a Vascular Practice  
Richard F. Neville, MD

8:30 a.m.  Low Energy Knee Dislocation and Vascular Injury  
Timothy J. Nypaver, MD

8:45 a.m.  Computed Tomography-Based Evaluation of Venous Conduit for Bypass Surgery  
Matthew A. Corriere, MD

9:00 a.m.  External Iliac Artery Endofibrosis  
Sherene Shalhub, MD

9:15 a.m.  Panel Discussion

9:45 a.m.  Refreshment Break and Exhibits

Visceral And Renal Artery Disease
Moderator: Mark K. Eskandari, MD

10:00 a.m.  Chronic Mesenteric Ischemia in the Obese Patients  
Tadaki M. Tomita, MD

10:15 a.m.  Ruptured Splenic Artery Aneurysms in Pregnant Women  
R. James Valentine, MD

10:30 a.m.  Stent Graft Repair of Splenic Artery Aneurysms: Technical Tips  
Randall R. DeMartino, MD

10:45 a.m.  Vascular Reconstruction in Conjunction with Pancreatic Resection  
Roy M. Fujitani, MD

11:00 a.m.  Hepatic Artery Stenting After Liver Transplantation  
W. Charles Sternbergh, III, MD

11:15 a.m.  Natural History of Splanchnic Artery Aneurysms and Outcomes After Operative Intervention  
Mark F. Conrad, MD

11:30 a.m.  Panel Discussion

12:00 p.m.  Case Presentations and Luncheon
Upper Extremity Diseases
Moderator: Heron E. Rodriguez, MD
1:30 p.m. Management of Upper Extremity Arterial Civilian Trauma
Michael C. Stoner, MD
1:45 p.m. Neurogenic and Vascular Quadrilateral Space Syndromes: New Classification and Management
Peter Gloviczki, MD
2:00 p.m. Management of Congenital Peripheral Arteriovenous Malformations
Naiem Nassiri, MD
2:15 p.m. Surgical Approaches to Thoracic Outlet Syndrome: Supraclavicular Versus Transaxillary
Robert W. Thompson, MD
2:30 p.m. Aneurysms and Dissections in Patients with FMD
Daniella Kadian-Dodov, MD
2:45 p.m. Panel Discussion
3:15 p.m. Refreshment Break and Exhibits

Complex Arterial And Venous Diseases
Moderator: William H. Pearce, MD
3:30 p.m. Management of Acute Arterial Injuries After Total Hip and Knee Arthroplasty
Matthew J. Dougherty, MD
3:45 p.m. Endovascular Solutions for Chronic Aorto-iliac Artery Occlusive Disease
Thomas S. Maldonado, MD
4:00 p.m. Endovascular Solutions to Central Vein Occlusions
Scott Resnick, MD
4:15 p.m. Endovascular Treatment of Aortic Pathology in Patients with Marfan Syndrome
Adam W. Beck, MD
4:30 p.m. Effects of Preoperative Beta Blockers on Vascular Surgery Patients
Salvatore T. Scalisi, MD
4:45 p.m. Panel Discussion
5:15 p.m. Adjourn

Abdominal Aortic Diseases
Moderator: Andrew W. Hoel, MD
8:00 a.m. Aortic Neck Enlargement After EVAR: Balloon-Expandable Versus Self-Expanding Stent Grafts
Christopher K. Zarins, MD
8:15 a.m. Genetic Impact of Aortic Aneurysms
John A. Elefteriades, MD
8:30 a.m. Impact of Severe COPD on AAA Repair
David H. Stone, MD
8:45 a.m. Management of Internal Iliac Artery Aneurysms
Heron E. Rodriguez, MD
9:00 a.m. PEVAR: Predictors of Failure
Albeir Y. Mousa, MD
9:15 a.m. Panel Discussion
9:45 a.m. Refreshment Break and Exhibits

Thoracic/Thoracoabdominal Diseases
Moderator: Mark K. Eskandari, MD
10:00 a.m. EVAR In High Risk Patients
Andrew W. Hoel, MD
10:15 a.m. Is TEVAR for Type A Dissections Feasible?
Ali Khoynezhad, MD, PhD
10:30 a.m. Surveillance Algorithm for Medically Managed Penetrating Aortic Ulcers, Intramural Hematomas, and Dissections
Gilbert R. Upchurch, Jr., MD
10:45 a.m. Computational Fluid Dynamic Studies to Predict Aneurysmal Degeneration After Thoracic Dissection
Benjamin M. Jackson, MD
11:00 a.m. Top 10 Technical Tips for Fenestrated Stent Grafting
Matthew P. Sweet, 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
Or Mail with check to
Northwestern University
Feinberg School
Office of Continuing Medical Education
240 E. Huron, Suite 1-200
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

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Are you a Northwestern University Feinberg School of Medicine Alumni?    Yes    No
41st Annual Northwestern Vascular Symposium

DECEMBER 8-10, 2016
InterContinental Chicago
Chicago, Illinois