



41st Annual Northwestern Vascular Symposium

DECEMBER 8-10, 2016

InterContinental Chicago
Chicago, Illinois

SPONSORED BY:

NORTHWESTERN UNIVERSITY



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:

- 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 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

Alan Dardik, MD, PhD
Yale University School of Medicine

R. Clement Darling, III, MD
The Vascular Group

Randall de Martino, MD
Mayo Clinic

Franklin Dexter, MD, PhD
University of Iowa

Paul DiMuzio, MD
Thomas Jefferson University

Matthew J. Dougherty, MD
University of Pennsylvania

John A. Eleftheriades, MD
Yale University School of Medicine

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

Roy Fujitani, MD
University of California - Irvine

Hugh Gelabert, MD
UCLA Medical Center

Patrick Geraghty, MD
Washington University Medical School

Peter Glaviczi, MD
Mayo Clinic

Eric S. Hager, MD
University of Pittsburgh Medical Center

Peter K. Henke, MD
University of Michigan

Karen Ho, MD
Northwestern University Feinberg School of Medicine

Andrew W. Hoel, MD
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University of Utah School of Medicine

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Rush University Medical Center

Albeir Y. Mousa, MD
West Virginia University

Naïem Nassiri, MD
Rutgers Robert Wood Johnson Medical School

Richard F. Neville, MD
George Washington University

Timothy Nypaver, MD
Wayne State University School of Medicine

Thomas F. O'Donnell, MD
Tufts University School of Medicine

Amy B. Reed, MD
Rush University Medical Center

Scott Resnick, MD
Northwestern University Feinberg School of Medicine

Heron E. Rodriguez, MD
Northwestern University Feinberg School of Medicine

Salvatore Scali, MD
University of Florida College of Medicine

Andres Schanzer, MD
University of Massachusetts Medical School

Sherene Shalhub, MD
University of Washington

Matthew Sideman, MD
University of Texas Health Science Center @ San Antonio

W. Charles Sternbergh, III, MD
Ochsner Clinic - New Orleans

David H. Stone, MD
Dartmouth-Hitchcock Medical Center

Michael C. Stoner, MD
University of Rochester Medical Center

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

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: Bioresorbable 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**
Naïem 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. Scali, MD
- 4:45 p.m. **Panel Discussion**
- 5:15 p.m. Adjourn

SATURDAY, DECEMBER 10, 2016

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

■ 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 Khoynzeshad, 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



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