



40th Annual Northwestern Vascular Symposium

DECEMBER 10-12, 2015

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 stroke prevention, 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 40th 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 40th Annual Northwestern Vascular Symposium to receive the reduced room rate. Room reservations made after November 9, 2015 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 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 24, 2015.

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: nums-cme@northwestern.edu or visit our website at www.cme.northwestern.edu.

FACULTY

PROGRAM DIRECTORS

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

SPEAKERS

Mark Adelman, MD
NYU Langone Medical Center
Thomas Bower, MD
Mayo Clinic College of Medicine
Mark Bowyer, MD
Uniformed Services University
Rabih Chaer, MD, MS
University of Pittsburgh Medical Center
David Chang, MD
University of Chicago
Kenneth Cherry, MD
University of Virginia
Matthew Corriere, MD, MS
Wake Forest University School of Medicine
Robert Crawford, MD
University of Maryland
Michael Dake, MD
Stanford University School of Medicine
Richard Dean, MD
Wake Forest University School of Medicine
Brian DeRubertis, MD
David Geffen School of Medicine @ UCLA
Tina Desai, MD
Stanford University School of Medicine
Gregory Dumanian, MD
Northwestern University Feinberg School of Medicine
Michael Englesbe, MD
University of Michigan Health Systems
Mark Eskandari, MD
Northwestern University Feinberg School of Medicine
Ronald Fairman, MD
Hospital of The University of Pennsylvania
Mark Farber, MD
University of North Carolina

Peter Faries, MD
Icahn School of Medicine at Mount Sinai
Ripal Gandhi, MD
Miami Cardiac & Vascular Institute
David Gillespie, MD
SouthCoast Healthcare System
Marc Glickman, MD
Eastern Virginia Medical School
Roger Gregory, MD
Eastern Virginia Medical School
Karen Ho, MD
Northwestern University Feinberg School of Medicine
Andrew Hoel, MD
Northwestern University Feinberg School of Medicine
G. Chad Hughes, MD
Duke University Medical Center
Karl Illig, MD
University of South Florida Morsani College of Medicine
William Jordan, Jr., MD
University of Alabama @ Birmingham
Melina Kibbe, MD
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Christopher Kwolek, MD
Massachusetts General Hospital
Peter Lawrence, MD
David Geffen School of Medicine @ UCLA
Jeffrey Lawson, MD, PhD
Duke University Medical Center
Timothy Liem, MD
Oregon Health Services University
S. Chris Malaisrie, MD
Northwestern University Feinberg School of Medicine
Jon Matsumura, MD
University of Wisconsin School of Medicine
Walter McCarthy, Jr., MD, PhD
Rush University Medical Center
Mary McDermott, MD
Northwestern University Feinberg School of Medicine
Matthew Mell, MD, MS
Stanford University School of Medicine
Samuel Money, MD, MBA
Mayo Clinic

Satish Muluk, MD
Allegheny Health Network
David Nahrwold, MD
Northwestern University Feinberg School of Medicine
Christopher Owens, MD, MS
University of California @ San Francisco
C. Keith Ozaki, MD
Harvard Medical School
Juan Parodi, MD
University of Buenos Aires
William Pearce, MD
Northwestern University Feinberg School of Medicine
Bruce Perler, MD, MBA
Johns Hopkins University
Caron Rockman, MD
NYU Langone Medical Center
Heron Rodriguez, MD
Northwestern University Feinberg School of Medicine
Thom Rooke, MD
Mayo Clinic College of Medicine
Hazim Safi, MD
University of Texas @ Houston Medical School
Luis Sanchez, MD
Washington University School of Medicine
Cynthia Shortell, MD
Duke University Medical Center
Jean Starr, MD
Ohio State University Wexner Medical Center
Frank Veith, MD
New York University and The Cleveland Clinic
Robert Vogelzang, MD
Northwestern University Feinberg School of Medicine
Haimanot Wasse, MD, MPH
Northwestern University Feinberg School of Medicine
Fred Weaver, MD, MMM
Keck School of Medicine University of Southern California
John White, MD
University of Illinois College of Medicine
James S.T. Yao, MD, PhD
Northwestern University Feinberg School of Medicine

PROGRAM DESCRIPTION

Welcome to our 40th 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 10, 2015

- 7:00 a.m. Registration and Continental Breakfast
- 7:30 a.m. **Welcome and Introduction**
Mark K. Eskandari, MD
- 7:35 a.m. **40th Anniversary Of The Northwestern Vascular Symposium**
James S.T. Yao, MD, PhD
- 7:45 a.m. **Perspectives From The First Northwestern Vascular Fellow**
Richard Dean, MD

■ Cerebrovascular And Supra-Aortic Trunk Disease

Moderator: Mark K. Eskandari, MD

- 8:00 a.m. **Prevalence Of Carotid Stenosis Varies By Race**
Caron B. Rockman, MD
- 8:15 a.m. **Recommendations For Carotid Treatment Among The Elderly**
Bruce A. Perler, MD, MBA
- 8:30 a.m. **Impact Of Intraoperative Shunting On Early Neurologic Outcomes After CEA**
Cynthia K. Shortell, MD
- 8:45 a.m. **Outcomes Of CAS For Restenosis And Radiation Induced Stenosis**
Peter L. Faries, MD
- 9:00 a.m. **Intrathoracic Subclavian Artery Aneurysm Repair**
G. Chad Hughes, 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 (Brief video introduction of Dr. Parodi)

- 10:00 a.m. **25 years Of EVAR: Looking Into The Future Of AAA Repair**
Juan C. Parodi, MD
- 10:15 a.m. **Evolution, Current Status, And Future Of IVC Filters**
Robert Vogelzang, MD
- 10:30 a.m. **Mentorship And The Generational Divide In Surgery**
Melina R. Kibbe, MD
- 10:45 a.m. **What Makes Vascular Surgeons Unique?**
Samuel R. Money, MD, MBA

11:00 a.m. **Interpreting Randomized Controlled Trials Of Vascular Treatments: Why They Can Be Misleading**

Frank J. Veith, MD

11:15 a.m. **Panel Discussion**

11:45 a.m. Exhibits

12:00 p.m. Luncheon

■ Vascular Access

Moderator: Karen J. Ho, MD

1:30 p.m. **Preoperative Planning For Hemodialysis Access**

Karl A. Illig, MD

1:45 p.m. **Basilic Vein Transposition: Review Of Different Techniques**

Marc H. Glickman, MD

2:00 p.m. **Dialysis Vascular Access And Transvenous Cardiac Devices**

Haimanot Wasse, MD, MPH

2:15 p.m. **Management Of Infected AV Grafts**

C. Keith Ozaki, MD

2:30 p.m. **Bioengineered Vascular Access Grafts**

Jeffrey H. Lawson, MD, PhD

2:45 p.m. **Panel Discussion**

3:15 p.m. Refreshment Break and Exhibits

■ Lower Extremity Venous Disease

Moderator: Melina R. Kibbe, MD

3:30 p.m. **Endovenous Ablation Of The Saphenous Vein And Perforators For Prevention And Healing Of Venous Ulcers**

Mark A. Adelman, MD

3:45 p.m. **Practical Techniques For Endovascular Treatment Of May-Thurner's Syndrome**

Brian G. DeRubertis, MD

4:00 p.m. **Diagnosis And Treatment Of Pelvic Congestion Syndrome**

David L. Gillespie, MD

4:15 p.m. **Contemporary Treatment For Nutcracker Syndrome**

John V. White, MD

4:30 p.m. **A Different Way To Look At Varicose Veins**

Thom W. Rooke, MD

4:45 p.m. **Panel Discussion**

5:15 p.m. Adjourn

FRIDAY, DECEMBER 11, 2015

6:45 a.m. Continental Breakfast

7:00 a.m. **Case Presentations**

7:30 a.m. **Historical Events Of SVS Based On The Interview Program: Administrative And Management Issues**

Walter J. McCarthy, Jr., MD, PhD

7:40 a.m. **Historical Events Of SVS Based On The Interview Program: Innovations In Vascular Surgery**

Roger T. Gregory, MD

7:50 a.m. **The American College of Surgeons Makes History Come Alive**

David Nahrwold, MD

■ Lower Extremity Arterial Disease

Moderator: Walter J. McCarthy, Jr., MD, PhD

8:00 a.m. **Home-Based Exercise For PAD: Prescribing A Successful Regimen**

Mary McGrae McDermott, MD

8:15 a.m. **Diagnosis And Management Of In-Stent Stenosis In The Lower Extremity**

Karen J. Ho, MD

8:30 a.m. **Endoscopic Versus Open Saphenectomy For Lower Extremity Bypass**

Rabih A. Chaer, MD, MS

8:45 a.m. **Hemodynamic Adaptation Of Vein Grafts And Treatment Of Vein Graft Failure**

Christopher D. Owens, MD, MS

9:00 a.m. **Indications For Treatment Of Isolated Degenerative Femoral Aneurysms**

Peter F. Lawrence, 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. **Isolated Acute Visceral Artery Dissection: Treatment Recommendations**

Heron E. Rodriguez, MD

10:15 a.m. **One Versus Two Vessel Mesenteric Artery Bypass For Chronic Mesenteric Ischemia**

Thomas C. Bower, MD

10:30 a.m. **Inferior Pancreatico-Duodenal Artery Aneurysms: Etiology And Treatment**

Ronald M. Fairman, MD

10:45 a.m. **How To Approach Aortic Aneurysms With A Horseshoe Kidney**

Satish Muluk, MD

11:00 a.m. **Ex-Vivo Renal Artery Reconstruction**

Fred A. Weaver, MD, MMM

11:15 a.m. **Panel Discussion**

11:45 a.m. Refreshment Break and Exhibits

12:00 p.m. Luncheon

12:15 p.m. **Case Presentations**

■ Upper Extremity Diseases

Moderator: Heron E. Rodriguez, MD

1:30 p.m. **Incidence And Treatment Of Central Venous Catheter-Associated Upper Extremity DVT**
Timothy K. Liem, MD

1:45 p.m. **Surgical Management Of Lymphedema**
David W. Chang, MD

2:00 p.m. **Catheter-Directed Thrombolysis For Acute Finger Ischemia**
Matthew A. Corriere, MD, MS

2:15 p.m. **Techniques For Forearm Fasciotomy**
Gregory A. Dumanian, MD

2:30 p.m. **Upper Extremity Trauma And The ASSET Course**
Mark W. Bowyer, 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. **Outcomes After Interfacility Transfer For Ruptured Aneurysms**
Matthew W. Mell, MD, MS

3:45 p.m. **Aortic Aneurysms In Abdominal Organ Transplant Recipients**
Michael J. Englesbe, MD

4:00 p.m. **Complications Of Indwelling Retrievable Versus Permanent IVC Filters**
Tina R. Desai, MD

4:15 p.m. **Endovascular Techniques And Outcomes For Acute Pulmonary Embolism**
Christopher J. Kwolek, MD

4:30 p.m. **Status Of Robotic-Assisted Endovascular Procedures**
Ripal Gandhi, MD

4:45 p.m. **Panel Discussion**

5:15 p.m. Adjourn

SATURDAY, DECEMBER 12, 2015

6:45 a.m. Continental Breakfast

7:00 a.m. **Case Presentations**

■ Abdominal Aortic Diseases

Moderator: Andrew W. Hoel, MD

8:00 a.m. **Abdominal Aortic Aneurysms In Women**
Jean E. Starr, MD

8:15 a.m. **Techniques For Open Repair Of Inflammatory Aortic Aneurysms**
Kenneth J. Cherry, MD

8:30 a.m. **Utility Of IVUS For EVAR And TEVAR**
William D. Jordan, Jr., MD

8:45 a.m. **Streamlining EVAR For Ruptured Aortic Aneurysms**
Jon S. Matsumura, MD

9:00 a.m. **Benefits And Pitfalls Of Upper Extremity Access For Fenestrated EVAR**
Luis A. Sanchez, MD

9:15 a.m. **Panel Discussion**

9:45 a.m. Refreshment Break and Exhibits

■ Thoracic/Thoracoabdominal Diseases

Moderator: S. Chris Malaisrie, MD

10:00 a.m. **Categorizing Acute Thoracic Aortic Dissections: DISSECT**
Michael D. Dake, MD

10:15 a.m. **Treatment Strategies For Acute Thoracic Aortic Dissections**
Mark A. Farber, MD

10:30 a.m. **Carotid-Subclavian Bypass Versus Transposition After TEVAR**
Andrew W. Hoel, MD

10:45 a.m. **Patient Selection and Repair Timing For Blunt Thoracic Aortic Injuries**
Robert S. Crawford, MD

11:00 a.m. **Open Repair Of Adult Aortic Coarctation**
Hazim J. Safi, 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 TYPE OR PRINT

Last Name _____ ☐ MD
_____ ☐ RN
_____ ☐ Other _____

First Name _____

Address _____

City _____ State _____ Zip _____

Daytime Phone _____

Fax _____

E-mail (required) _____

(Your registration confirmation will be e-mailed.)

Specialty _____



Please indicate any special needs _____

Are you a Northwestern University Feinberg School of Medicine Alumni?

Yes

No



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