PURPOSE AND CONTENT
The purpose of this meeting is to provide state of the art clinical research and vascular biology knowledge relating to vascular disease, with a special emphasis on surgical and endovascular therapy. The program will include presentations of original research by investigators interested in vascular disease. A portion of the program is dedicated to question and answer interaction between the presenters and the audience.

EDUCATIONAL OBJECTIVES
At the end of this activity, participants will be able to:

1) Improve the delivery of care to vascular patients by applying the latest advances in diagnosis and treatment of symptomatic venous disease, especially in older populations.
2) Explain who benefits the most from dialysis access salvage techniques.
3) Apply new techniques in the correct setting for the treatment of lower extremity PAD.
4) Identify risk factors for endograft failure and how to avoid them.
5) Describe the use and importance of being appropriately trained in open and endo techniques.
6) Discuss which patients and their risk factors may contribute poor outcomes after EVAR.
7) Recognize the benefits of various approaches to TOS.
8) Apply techniques to optimize outcomes after treatment for aortoiliac occlusive disease.

CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

Accreditation
This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American College of Surgeons and Midwestern Vascular Surgical Society. The American College of Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

AMA PRA Category 1 Credits™ - Annual Meeting
The American College of Surgeons designates this live activity for a maximum of 16.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Of the AMA PRA Category 1 Credits™ listed above, a maximum of 13.75 credits meet the requirements for Self-Assessment.
THURSDAY, SEPTEMBER 7, 2017

12:45 PM  INTRODUCTORY REMARKS  
Sean P. Lyden, President

1:00 PM – 3:00 PM  SESSION I
Moderators:

1:00 †1. Survival After AAA Repair is Affected by Socioeconomic Status  
Ziad Al Adas, MD, Alexander Shepard, MD, Timothy J. Nypaver, MD, Mitchell Weaver, MD, Praveen Balraj, MD, Jordan Huang, Rob Harriz, MD, Loay Kabbani, MD  
From: Henry Ford Health System, Detroit, MI

1:10 ◊2. Primary Stenting is Not Necessary in Benign Central Venous Stenosis  
Lynsey E. Rangel, MD1, Sean P. Lyden, MD2, Daniel G. Clair, MD3  
From: 1Vascular Surgery, Cleveland Clinic, Cleveland, OH, 2Cleveland Clinic, Cleveland, OH, 3University of South Carolina and the Palmetto Health-USC Medical Group, Columbia, SC

1:20 §3. Calf Muscle Oxygen Saturation and Ground Reaction Forces During Walking in Patients with Peripheral Arterial Disease  
Hernan Hernandez, MD1, Molly Schieber2, Holly K. DeSpiegelaere, RN3, Katyarina E. Brunette, PhD4, Kyung-Soo Kim, PhD5, Constance Mietus6, Sarah Baker2, Sara Myers, PhD2, George P. Casale, PhD4, Iraklis Pipinos, MD4  
From: 1Department of Surgery, University of Nebraska Medical Center, Omaha, NE 2University of Nebraska Omaha, Omaha, NE, 3Veterans' Affairs Nebraska-Western Iowa Healthcare Systems, Omaha, NE, 4University of Nebraska Medical Center, Omaha, NE

1:30 †4. Lower Extremity Ischemia, an Ominous Complication after Elective EVAR  
Richa Kalsi1, Connor P. Oates1, Sarah Olson, RN1, Charles B. Drucker, MD1 Donald G. Harris, MD1, Alexander D. Shepard, MD2, Robert S. Crawford, MD1, Shahab S. Tousravakohi, MD1  
From: 1University of Maryland School of Medicine, Baltimore, MD, 2Henry Ford Hospital, Detroit, MI

1:40 †5. Delineating the Durability Outcome Differences After Saphenous Ablation with Laser Versus Radiofrequency  
William Yoon, MD, Max Drescher, Paul Crisostomo, MD, Pegge Halandras, MD, Bernadette Aulivola, MD, RVT, RPVI  
From: Vascular Surgery and Endovascular Therapy, Loyola University Medical Center, Maywood, IL
1:50 §6. Osteopontin is Elevated in AAA and May Drive Disease Progression
Shihuan Keisin Wang, MD, Linden Green, PhD, Praveen Kusumanchi, PhD, Andres Fajardo, MD, Raghu Motaganahalli, MD, Michael Murphy, MD

From: Division of Vascular Surgery, IU School of Medicine, Indianapolis, IN

2:00 †7. Association of Postoperative Glycemic Control and Outcomes after Abdominal Aortic Aneurysm Repair
Yauhen A. Tarbunou, MD, Jamie B. Smith, Robin L. Kruse, PhD, Todd R. Vogel, MD

From: University of Missouri Hospitals & Clinics, Columbia, MO

2:10 †8. Success of Retrograde Tibial Artery Approach in Lower Extremity Revascularization in Office Based Setting
Samuel H. Lai, Jordan B. Fenlon, Benjamin B. Roush, Daniel Johnston, MD, John Munn, MD, Mark Rummel, MD, Syed Alam, MD, Krishna M. Jain, MD

From: Western Michigan University Homer Stryker M.D. School of Medicine, Kalamazoo, MI

2:20 †9. Outcomes of Ruptured Abdominal Aortic Aneurysm Following Adoption of Endovascular Aortic Repair
Andrew J. Soo Hoo, MD, Kellie R. Brown, MD, Brian D. Lewis, MD, Michael J. Malinowski, MD, Max V. Wohlauer, MD, Cheong J. Lee, MD, Gary R. Seabrook, MD, Peter J. Rossi, MD

From: Medical College of Wisconsin, Milwaukee, WI

2:30 †10. Development of a Non-Contrast Gated Aortic Computer Tomography Protocol for Aortic Screening and Surveillance
Yifei Sun, MD, Ashish Singal, PhD, Clarence Ojo, MD, Susan Shafii, MD, Michael Rosenberg, MD, Ngoneh Jallow, PhD, Selma El-Hag, MD, Stacy Carda, RN2, Rumi Faizer, MD

From: Vascular Surgery, University of Minnesota, Minneapolis, MN

2:40 †11. Two-Year Evaluation of Fenestrated and Parallel Branch Endografts for the Treatment of Juxtrarenal, Suprarenal and Thoracoabdominal Aneurysms at a Single Institution
Mohsen Bannazadeh, MD, James F. McKinsey, MD

From: Vascular Surgery, Mount Sinai Medical Center, New York, NY

2:50 †12. Two-year Amputation Rates Superior for Autogenous versus Non-Autogenous Femoral-to-Infraopliteal Bypasses
Katherine M. Holzem, Senthil N. Jayarajan, MD, Jeffrey Jim, MD

From: Washington University School of Medicine, Saint Louis, MO

Q&A

3:00 PM – 3:30 PM REFRESHMENT BREAK - VISIT EXHIBITS
3:30 PM – 5:30 PM
NEW HORIZONS IN VASCULAR SURGERY SESSION I

3:30 PM – 4:30 PM
PERIPHERAL SESSION
Proposed Moderators: Donald L. Jacobs, Patrick J. Geraghty

Debate I: Approaches to Complex Aortoiliac Disease

PRO: Aortobifemoral Bypass Remains the Gold Standard
Gary Seabrook, MD
Medical College of Wisconsin
Milwaukee, WI

CON: Endovascular Reconstruction Has Made Aortofemoral Bypass an Historical Operation
Raghu L. Motaganahalli, MD
Indiana University School of Medicine
Indianapolis, IN

Debate discussion (5 min)

Debate II: Drug Elution in Peripheral Artery Disease

Drug Eluting Therapy Should Be Used in All Lower Extremity Interventions (10 min)
Michael R. Go, MD
The Ohio State University Medical Center
Columbus, OH

Drug Eluting Therapy Should Be Used Selectively in Lower Extremity Interventions
Trissa Babrowski, MD
Assistant Professor of Surgery
Department of Surgery
Vascular Surgery
University of Chicago Medicine
Chicago, IL

Debate discussion (5 min)

Endovascular Management of Common Femoral Artery Disease
Todd R. Vogel, MD, MPH
Associate Professor of Surgery
Chief of Vascular and Endovascular Surgery
University of Missouri Hospitals and Clinics
Columbia, MO
4:30 PM – 5:30 PM  
VENOUS SESSION  
Proposed Moderators: Kellie R. Brown, Thomas W. Wakefield

Debate I: The Approach to Calf Venous Incompetence

**Treating Perforator Incompetence is Most Important**  
Judith C. Lin, MD  
Medical Director, Clinical Vascular Lab and Henry Ford Vein Center  
Henry Ford Health System/Associate Professor of Surgery  
Wayne State University School of Medicine  
Detroit, MI

**Treating the Small Saphenous Vein is Most Important** (10 min)  
Kellie R. Brown, MD  
Professor of Surgery, Division of Vascular Surgery  
The Medical College of Wisconsin  
Chief of Surgery, Division of Vascular Surgery  
Zablocki VA Medical Center  
Milwaukee, WI

Debate discussion (5 min)

**Leg Pain and Venous Incompetence: Which Patients Benefit from Venous Ablation?**  
Sandra C. Carr, MD  
UnityPoint Health  
Meriter Heart & Vascular Institute  
Madison, WI

**Current Approach to Patients with Pulmonary Embolism (Angiovac, EKOS, Indigo): What is the Evidence?**  
Patrick E. Muck, MD RVT  
Chief of Vascular Surgery  
Program Director Vascular Fellowship 
& Integrated Residency  
Good Samaritan Hospital  
Cincinnati, OH

**Contemporary Open Venous Surgery**  
Anthony J. Comerota, MD  
Adjunct Professor of Surgery  
University of Michigan  
Ann Arbor, MI

Panel Discussion (10 min)

5:30 PM  
ADJOURN
5:30 PM – 6:45 PM  RECEIPTION IN EXHIBIT HALL

5:45 PM - 6:45 PM  POSTER SESSION (Ballroom Foyer)

FRIDAY, SEPTEMBER 8, 2017

7:30 AM – 8:00 AM  CONTINENTAL BREAKFAST WITH EXHIBITORS

8:00 AM – 9:35 AM  SESSION II
  Moderators:

8:00  †13.  Effect of Dialysis Catheters on AVG
  David Laczynski, BS, Adel Barkat, MD, Adrienne Cobb, MD, Paul Crisostomo, MD,
  Bernadette Aulivola, MD, Pegge Halandras, MD
  From: Vascular and Endovascular Therapy, Loyola University Medical Center, Maywood, IL

8:10  †14.  Long-term Outcomes of Surgical, Endovascular and Hybrid Treatment of Aortoiliac
  Occlusive Disease in Patients Younger Than 60 Years Old
  Swati Chaparala, MD, Manju Kalra, MD, Alessandra Puggioni, MD, Thomas C. Bower, MD,
  Audra A. Duncan, MD, Gustavo S. Oderich, MD, Haraldur Bjarnason, MD, Sanjay Misra, MD,
  Courtney N. Day, Peter Gloviczki, MD
  From: Mayo Clinic, Rochester, MN

8:20  †15.  Direct Admission to a Vascular Referral Center Improves Outcomes for Patients with
  Acute Vascular Disease
  Donald Harris, MD, Sarah Olson, MPH, Richa Kalsi, Charles Drucker, MD, Ali Khalifeh, MD,
  Shahab Tousavandkohi, MD, Rajabrata Sarkar, MD, Robert Crawford, MD
  From: Surgery, University of Maryland Medical Center, Baltimore, MD

  Sponsored by: Jon S. Matsumura, MD

8:30  †16.  Cerebrovascular Injuries Are Commonly Found in Acute Type B Aortic Dissections and
  Are Associated with Blood Pressure Derangements and Poor Outcome
  Ziad Al Adas, MD, Daniel Miller, MD, Mitchell Weaver, MD, Alexander Shepard, MD,
  Timothy J. Nypaver, MD, Khaled Nour, MD, Praveen Balraj, MD, Loay Kabbani, MD
  From: Henry Ford Health System, Detroit, MI

8:40  †17.  Success of Atherectomy in Lower Extremity Ischemia Performed in Office Based Lab
  Benjamin Burtcher Roush, Jordan Bruce Fenlon, Samuel Hsien Lai, Krishna M. Jain, MD,
  John Munn, MD, Daniel Johnston, MD, Mark Rummel, MD, Syed Alam, MD
  From: Surgery, Homer Stryker M.D. Western Michigan University School of Medicine,
  Kalamazoo, MI
8:50  †18.  Comparison of Vascular Operative Experience Between Traditional Vascular Fellowship and Vascular Integrated Residency Graduates
John G. Maijub, MD, Senthil N. Jayarajan, MD, Jeffrey Jim, MD
From: Section of Vascular Surgery, Department of Surgery, Washington University in St. Louis School of Medicine, St. Louis, MO

9:00  †19.  Gait is Improved, But Not Restored in Peripheral Artery Disease Following Revascularization
Molly N. Schieber1,2, Sara A. Myers, PhD1,3, Jason Johanning, MD3,2, Ben Senderling1, Sarah Baker1: Hernan Hernandez, MD4,2, Iraklis I. Pipinos, MD4,2
From: 1Department of Biomechanics, University of Nebraska at Omaha, Omaha, NE, 2University of Nebraska Medical Center, Omaha, NE, 3Omaha Veterans’ Affairs Medical Center, Omaha, NE, 4Omaha Veterans’ Affairs Medical Center, Omaha, NE

9:10  †20.  Decreasing Incidence of Fatal Ruptured Aortic Aneurysms in the United States
Halah H. Abdulameer, MD1, Ross Milner, MD2, Sadeer Al Kindi, MD3
From: 1Vascular Surgery, The University of Chicago Medicine, Chicago, IL, 2The University of Chicago Medicine, Chicago, IL, 3University Hospitals Cleveland Medical Center, Cleveland, OH

9:20  ◊21.  Clinical outcomes after Varicose Vein Procedures in Octogenarians within the Vascular Quality Initiative Varicose Vein Registry (VQI VVR)
Danielle C. Sutzko, MD, Andrew S. Kimball, MD, Margaret E. Smith, MD, Andrea T. Obi, MD, Thomas W. Wakefield, MD, Nicholas H. Osborne, MD
From: University of Michigan, Ann Arbor, MI

Q & A

9:35 AM  REFRESHMENT BREAK - VISIT EXHIBITS

10:05 AM – 11:00 AM  SESSION III
Moderators:

10:05  †22.  Pre-operative Ankle-Brachial Index Stratification for Patients with Peripheral Arterial Disease
Yifei Sun, MD1, Ashish Singal, PhD2; Rumi Faizer, MD2; Alan Hirsch, MD2; Cheong Jun Lee, MD3; Selma El Hag, MD2; Eric Weinhandl, PhD2
From: 1Vascular Surgery, University of Minnesota, Minneapolis, MN, 2University of Minnesota, Minneapolis, MN, 3Medical College of Wisconsin, Milwaukee, WI

Anahita Dua, MD1, Christina Rao2, Sapan S. Desai, MD2
From: 1Department of Surgery, Medical College of Wisconsin, Brookfield, WI, 2Northwest Community Hospital, IL
10:25  Implementation of Ruptured Aorta Centers of Excellence (RACE) Algorithm Decreases Hospital Length of Stay
Ravishankar Hasanadka, MD, Kevin Caldwell, Douglas Hood, MD, Tiffany Whitaker, RN, Georgia Mueller-Luckey
From: Southern Illinois University, Springfield, IL

10:35  Minimally Invasive Infrainguinal Bypass Provides Short Length of Stay, Prompt Return to Baseline Mobility, and Low Incidence of SSI
Aela Vely, MD, Farwa Batool, MD, Rhami Khorfan, MD, Miles W. Jackson, MD, Michael J. Heidenreich, MD, Abdulhameed Aziz, MD
From: St. Joseph Mercy Health System, Ypsilanti, MI

10:45  Timing of Hospital-Acquired Venous Thromboembolism (VTE) and its Relationship with VTE Prevention Measures in Immobile Patients
Hao Pham, MD, Todd Russell, MD, Andrew Seiwert, MD, Gregory Kasper, MD, Fedor Lurie, MD
From: Jobst Vascular Institute, ProMedica Toledo Hospital, Toledo, OH

10:55  Contemporary Results for Open Repair of Pararenal Aortic Aneurysms are Comparable to the Pre-fenestrated Endograft Era
James A. Davis, MD, Manju Kalra, Audra Duncan2, Gustavo Oderich, Randall DeMartino, William S. Harmsen, Sasha Halasz, Thomas Bower
From: Mayo Clinic, Rochester, MN

11:05  Supraclavicular Versus Transaxillary First Rib Resection for Thoracic Outlet Obstruction: A Single Institution Experience
MAEN ABOUL HOSN, Justin Walpole, Rachael Nicholson, Neelima Katragunta, Timothy Kresowik, Melhem Sharafuddin, William J. Sharp, Luigi Pascarella
From: Vascular Surgery, University of Iowa Hospital and Clinics, Iowa City, IA

11:15 AM – 12:10 PM  PRESIDENTIAL ADDRESS
Sean P. Lyden, MD
2016-2017 MVSS President
Introduced by: Mark A. Mattos, MD

12:10 PM  AWARDS PRESENTATIONS

12:15 PM - 1:30 PM  MEMBER BUSINESS LUNCHEON (Members Only)
1:30 PM – 2:00 PM  
Rapid Fire Session I  
Moderators:

RF1  
Hybrid Retrograde Endovascular Repair of a Rapidly Expanding Chronic SMA Dissection  
Christopher J. Smolock, MD, Paul Bishop, F. Ezequiel Parodi, MD  
From: Vascular Surgery, The Cleveland Clinic, Cleveland, OH

RF2  
Splenic Artery to Superior Mesenteric Artery Transposition in Chronic Mesenteric Ischemia  
Shoaib Shafique, MD  
From: CorVasc MDs, Lafayette, IN

RF3  
A Novel Endovascular Approach for Management of Traumatic Arteriovenous Fistulas  
Joseph Herrmann, DO\textsuperscript{1}, Keisin Wang, MD\textsuperscript{2}, O. David Adamolekun, DO\textsuperscript{1}, A. George Akingba, MD\textsuperscript{1}  
From: \textsuperscript{1}Wayne State University, Detroit, MI, \textsuperscript{2}Indiana University, IN

RF4  
Panelled Saphenous Vein Graft Repair of An Iliac Artery Injury in A Contaminated Abdomen: Late Complication of Aneurysmal Degeneration Illustrating the Need for Continued Surveillance  
Thomas H. Schwarcz, MD\textsuperscript{1}, Timothy J. Nypaver, MD\textsuperscript{2}  
From: \textsuperscript{1}Lexington Surgeons, Lexington, KY, \textsuperscript{2}Henry Ford Hospital, Detroit, MI

RF5  
“Chimney Patch” Balloon Occlusion Technique for Transplantation to Heavily Calcified Vessels  
Ryan Helmick, MD\textsuperscript{1}, Nosratollah Nezakatgoo, MD\textsuperscript{1}, Charles Mesh, MD\textsuperscript{2}, Leah Hendrick, MD\textsuperscript{3}, Jason Vanatta, MD\textsuperscript{1}  
From: \textsuperscript{1}University of Tennessee, Methodist Transplant Institute, Memphis, TN, \textsuperscript{2}Cincinnati, OH, \textsuperscript{3}University of Tennessee, Department of Surgery, Memphis, TN

RF6  
Persistent Hypoglossal Artery and Proatlantal Intersegmental Artery, Case report and Review  
Shoaib Shafique, MD  
From: Vascular Surgery, St Vincent Medical Group, Indianapolis, IN
2:00 PM – 5:30 PM    NEW HORIZONS IN VASCULAR SURGERY SESSION II

2:00 PM – 3:30 PM    DIALYSIS SESSION
Proposed Moderators: Peter K. Henke, Timothy J. Nypayer

Debate I:  Complex Central Venous Occlusions in Dialysis Access Patients

**Surgical Central Venous Reconstruction is Best**
Joseph S. Giglia, MD
University of Cincinnati
Cincinnati, OH

**Endovascular Approaches and Hero Catheters Are All We Need**
Lee Kirksey, MD
Cleveland Clinic Foundation
Cleveland, OH

Debate discussion (5 min)

**Contemporary Approaches to Dialysis Access Related Steal Syndrome**
Nicholas Osborne, MD
University of Michigan
Vascular Surgery
Ann Arbor, MI

**Techniques for Salvaging the Functioning but Inaccessible Fistula in the Obese**
Hosam El Sayed, MD
The Ohio State University Medical Center
Columbus, OH

**Approach to the Immature AVF**
Georges Haddad, MD
Henry Ford Hospital
Detroit, MI

**Endovascular AVF Creation**
Todd Berland, MD
NYU Langone Medical Center
New York, NY

Panel discussion (20 min)

3:30 PM – 4:00 PM    REFRESHMENT BREAK – VISIT EXHIBITS

§ Guthrie Award
◊ Pfeifer Award
† Szilagyi Award
CURRENT ISSUES IN COMMUNITY PRACTICE
Proposed Moderators: Joseph R. Schneider, M. Ashraf Mansour

4:00 PM – 5:30 PM

**MACRA/MIPS Implications**
Gary Wainer, DO
Medical Director
Northwestern Medicine Physician Partners
Oak Brook, IL

**How Should You Make the Revenue Cycle Work for You**
Bhagwan Satiani, MD
The Ohio State University Medical Center
Columbus, OH

**Single Specialty in House Coding and Billing Model**
Kevin D. Nolan, MD
Vascular Surgery
Southfield, MI

**In House Coding and Outsourced Billing and Collections**
Robert F. Cuff, MD
Spectrum Health Medical Group
Vascular Surgery
Grand Rapids, MI

**Coding and Billing in the Ambulatory Setting, When, How and How Much?**
Gregory C. Kasper, MD
President & CMO
Jobst Vascular Institute
ProMedica Toledo Hospital
Toledo, OH

Panel Discussion (10 min)

5:30 PM

ADJOURN – Evening Free
SATURDAY, SEPTEMBER 9, 2017

7:30 AM – 8:00 AM  CONTINENTAL BREAKFAST

8:00 AM – 8:15 AM  2017 MVSS TRAVELING FELLOW

Woosup M. Park, MD
Cleveland Clinic Foundation
Cleveland, OH

8:15 AM – 9:45 AM  NEW HORIZONS IN VASCULAR SURGERY SESSION III

AORTIC SESSION
Proposed Moderators: Ross Milner, Matthew J. Eagleton

Debate: Contemporary Management of Type II Endoleaks

PRO: All Persistent Type II Endoleaks Should Be Treated
Jeffrey Jim, MD
Washington University School of Medicine
St. Louis, MO

CON: Most Persistent Type II Endoleaks are Benign and Can Be Monitored without Aggressive Intervention
Melhem Sharafuddin, MD
University of Iowa College of Medicine
Iowa City, IA

Debate Discussion (5 min)

Emerging Technology for Complex Aneurysm Treatment
Patrick W. Kelly, MD
Sanford Clinic Vascular Associates
Sioux Falls, SD

How Do We Train Future Surgeons to Perform Open Aneurysm Repair in the Current Era?
Dawn E. Coleman, MD
University of Michigan, Frankel Cardiovascular Center
Ann Arbor, MI

Failure Modes of Current EVAR Grafts and Management of EVAR Complications; Coiling, Relining, Explants, Etc.
Jon S. Matsumura, MD
University of Wisconsin, Madison PH
Madison, WI

Panel Discussion (20 min)
9:45 – 10:15 AM  
RAPID FIRE SESSION II  
Moderators:

RF7  
Gregory Kasper, MD, John Fish, MD, Jihad Abbass, MD, Babatunde Oriowo, MD, Fedor Lurie, MD  
From: Jobst Vascular Institute, ProMedica Toledo Hospital, Toledo, OH

RF8  
Hybrid Approach to the Treatment of Thoracoabdominal Aortic Degeneration in a Marfan’s Patient  
Thomas J. Desmarais, MD, Jeffrey Jim, MD  
From: Washington University in St Louis, St Louis, MO

RF9  
Experience after implementation of an Acute Cardiovascular Emergency Protocol (ACEP)  
L. Graham Rucker, Ghaleb Darwazeh, MD, Ahmet Kilic, MD, Raymond Magorien, MD, Rita Johnson, RN, Michael R. Go, MD  
From: The Ohio State University Wexner Medical Center, Columbus, OH

RF10  
Distal Migration of a Vascular Occlusion Plug in an Aberrant Right Subclavian Artery Resulting in Recurrent Dysphagia Following Use in Repair of Dysphagia Lusoria  
Andrew J. Soo Hoo, MD¹, Chris K. Rokkas, MD², Peter J. Rossi, MD²  
From: Vascular Surgery, Medical College of Wisconsin, Milwaukee, WI

RF11  
Revascularization for Failed Carotid Artery Stenting in a Patient with a Rare Vertebral Artery Anomaly  
Simpledeep Banipal, MD, Jaiyeola Adeyemi, MD, Mohamad O. Hadied, Yevgenity Rits, MD, Jeffrey Rubin, MD  
From: Wayne State University/Detroit Medical Center, Detroit, MI

RF 12  
Endovascular Repair of Rupture Thoracic Aortic Aneurysm in a Patient with Right-sided Aortic Arch  
Yifei Sun, MD, Rumi Faizer, MD, Susan M Shafii, MD  
From: Vascular Surgery, University of Minnesota, Minneapolis, MN

10:15 AM – 10:30 AM  
REFRESHMENT BREAK
10:30 AM – 11:30 AM  HONORARY GUEST LECTURE
"Vascular Trauma at Crossroads - Wartime Advances and Monumental Challenges"

Todd E. Rasmussen, MD, FACS
Colonel USAF MC
Harris B Shumacker, Jr. Professor of Surgery
Associate Dean for Research
F. Edward Hébert School of Medicine
Uniformed Services University
Bethesda, Maryland

11:30 AM – 1:00 PM  SESSION IV
Moderators:

11:30  29.  Arterial Reconstructions for Pediatric Splanchnic Artery Occlusive Disease
Dawn M. Coleman, MD, Jonathan L. Eliason, MD, James C. Stanley, MD
From: Department of Surgery, University of Michigan, Ann Arbor, MI

11:40  30.  Pre- and Post-Transcarotid Artery Revascularization Characteristics of Common
Carotid Artery: A Post -hoc analysis of ROADSTER-1 Trial
Raghu L. Motaganahalli, MD¹, Michael Jaff, DO², Christopher J. Kwoleck, MD²,
Sumaira MacDonald, MD³, Richard Rudey, PhD¹, Richard P. Cambria, MD²
From: ¹Surgery, Indiana University School of Medicine, Indianapolis, IN,
²Massachusetts General Hospital, Boston, MA, ³SilkRoad Medical Inc, Sunnyvale, CA

11:50  31.  Socioeconomic Disparities and Outcomes after Carotid Revascularization
Todd R. Vogel¹, Viktor Y. Dombrovskiy, PhD², Ryan J. Kim, MD³, Robin L. Kruse, PhD³
From: ¹Division of Vascular Surgery, University of Missouri Hospitals & Clinics,
Columbia, MO, ²Rutgers-Robert Wood Johnson Medical School, New Brunswick, NJ,
³University of Missouri Hospitals & Clinics, Columbia, MO

12:00  32.  Sarcopenia as A Predictor of Mortality After Endovascular Aneurysm Repair
Brian T. Cheng, Michael C. Soult, MD, Irene B. Helenowski, PhD, Heron E. Rodriguez,
MD, Mark K. Eskandari, MD, Andrew W. Hoel, MD
From: Northwestern University, Chicago, IL
12:10  33. Laparoscopic Aortobifemoral Bypass in the United States
Jonathan Bath, MD, Maham Rahimi, Jose Oyama, Willythssa Pierre-Louis, Joseph Giglia
From: University of Cincinnati, Cincinnati, OH

12:20  34. Transition from Current Accuracy Measures in the Vascular Lab Will Be Required For Future Accreditation and Payment Models
Mounir J. Haurani, M, Dennis Kise, Patrick S. Vaccaro, MD, Bhagwan Satiani, MD
From: Vascular Diseases and Surgery, The Ohio State University, Columbus, OH

12:30  35. A Single Institution Experience with Ruptured Aortic Aneurysms
Ryan Deets, MD, Paolo Goffredo, MD, Maen Aboul Hosn, MD, Luigi Pascarella, MD
From: University of Iowa Hospitals and Clinics, Iowa City, IA

12:40  36. Natural History of the Proximal Aorta in Patients with Descending Thoracic Aortic Disease
Paul D. DiMusto, MD1, Paul C. Tang, MD1, Nilto De Oliveira, MD1, Brooks Rademacher, MD1, Jennifer Philips, MD1, Shahab A. Akhter, MD2, Charles W. Acher, MD1
From: 1University of Wisconsin, Madison, WI, 2East Carolina Heart Institute, Greenville, NC

12:50 PM  Q & A

1:00 PM  ADJOURN