

**MIDWESTERN VASCULAR 2019**  
**43<sup>rd</sup> Annual Meeting**  
**September 12-14, 2019**  
**Chicago, IL**

**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) Apply different surgical techniques for hemodialysis access creation and maintenance for patients suffering from end stage renal disease.
- 2) Discuss the rationale for use of different revascularization techniques for patients with carotid occlusive disease.
- 3) Explain which patients can benefit from superficial and deep venous interventions.
- 4) Describe the optimal treatment for patients with challenging abdominal aortic anatomy.
- 5) Recognize the role advanced practice providers can play in a vascular surgery clinical practice.
- 6) Identify the treatment options for patients presenting with aortic arch aneurysms and aortic dissections.
- 7) Describe the latest data on treatment outcomes for patients with peripheral arterial disease.

**ACCREDITATION STATEMENT**

This activity has been approved for *AMA PRA Category 1 Credit™* by Indiana University School of Medicine.

MIDWESTERN VASCULAR 2019  
43<sup>rd</sup> Annual Meeting  
September 12-14, 2019  
Chicago, IL

2019 PRELIMINARY PROGRAM  
(8-5-19)

THURSDAY, SEPTEMBER 12, 2019

12:45 PM                      **INTRODUCTORY REMARKS**  
Jean E. Starr, MD, President

12:45 PM – 3:00 PM        **SESSION I**  
**Moderators:** Jean E. Starr and Mark A. Mattos

12:50 PM        †1.        **Paclitaxel Coated Balloons and Stents Do Not Increase Mortality**

**Ravi N. Ambani**, Alexander H. King, Saideep Bose, Jones P. Thomas, Carolyn Chang, Dominic Ng, Virginia L. Wong, Karem C. Harth, Vikram S. Kashyap, Norman H. Kumins  
**From:** University Hospitals Cleveland Medical Center, Cleveland, OH

1:00 PM            †2.        **Outcomes of Fenestrated and Branched Endovascular Aortic Repair in Patients with Solitary Kidney**

**Keouna Pather**<sup>1</sup>, Emanuel R. Tenorio<sup>2</sup>, Jussi M. Kärkkäinen<sup>1</sup>, Bernardo C. Mendes<sup>1</sup>, Randall R. DeMartino<sup>1</sup>, Thanila A. Macedo<sup>1</sup>, Peter Gloviczki<sup>1</sup>, Gustavo S. Oderich  
**From:** <sup>1</sup>Mayo Clinic, Rochester, MN, <sup>2</sup>Advanced Endovascular Aortic Research Program, Mayo Clinic, Rochester, MN

1:10 PM            §3.        **Palmitate-TLR4 Signaling Regulates Epigenetic Modifications in Macrophages and Impairs Diabetic Wound Healing**

**Frank M. Davis, MD**, Aaron denDekker, Andrew Kimball, Amrita Joshi, Anna Boniakowski, Steven Kunkel, Katherine Gallagher  
**From:** Vascular Surgery, University of Michigan, Ann Arbor, MI

1:20 PM            †4.        **Retinal Artery Occlusion Does Not Portend an Increased Risk of Stroke**

**David J. Laczynski**<sup>1</sup>, Sean P. Lyden<sup>1</sup>, Joshua Gallop<sup>2</sup>, James Bena<sup>1</sup>, Francis J. Caputo<sup>1</sup>  
**From:** <sup>1</sup>Cleveland Clinic Foundation, <sup>2</sup>Cleveland Clinic Lerner College of Medicine, Cleveland, OH

1:30 PM            †5.        **Female Gender Increases Risk of Stroke and Complication After CEA and CAS**  
**Steven Goicoechea**, Martin Walsh, Michael Sault, Carlos Bechara, MD, Pegge Halandras, Bernadette Aulivola, Paul Crisostomo  
**From:** Vascular Surgery, Loyola University, Maywood, IL

† Szilagyi Award, § Guthrie Award, ◇ Pfeifer Award

- 1:40 PM**      § 6.      **The MicroRna Cluster of Mir-15a,-27a,and-92a Are Associated with Diminished II-10 Levels and Decreased Frequency and Immune Suppressor Function of Type-1 Regulatory T Cells in Patients with Abdominal Aortic Aneurysms**
- Justin R. King, MD**, Linden A. Green, Katherin Leckie, Keisin S. Wang, Praveen Kusumanchi, John G. Maijub, Andres Fajardo, Raghu L. Motaganahalli, Michael P. Murphy  
**From:** Division of Vascular Surgery, IU School of Medicine, Indianapolis, IN
- 1:50 PM**      ◇ 7.      **False-Negative Upper Extremity Ultrasound in the Initial Evaluation of Patients with Suspected Subclavian Vein Thrombosis Due to Thoracic Outlet Syndrome (Paget-Schroetter Syndrome)**
- Evan R. Brownie**, Ahmmad A. Abuirqeba, J Westley Ohman, Brian G. Rubin, Robert W. Thompson  
**From:** Washington University School of Medicine
- 2:00 PM**      †8.      **The Effect of Abdominal Aortic Aneurysm Size on Endoleak, Secondary Intervention and Overall Survival following Endovascular Aortic Aneurysm Repair**
- Benjamin Ferrel**<sup>1</sup>, Shiv Patel<sup>1</sup>, Antonio Castillo<sup>2</sup>, Jan Franko<sup>1</sup>, David Chew<sup>1</sup>  
**From:** <sup>1</sup>MercyOne Medical Center, Des Moines, IA, <sup>2</sup>Des Moines University, Des Moines, IA
- 2:10 PM**      §9.      **Allogeneic Mesenchymal Stem Cells Induce Regulatory T-Cells and Suppress Aneurysm Inflammation: Interim Results of the Phase I ARREST Trial**
- Katherin Leckie**, Linden L. Green, Justin R. King, Keisin S. Wang, MD, Raghu L. Motaganahalli, Andres Fajardo, Michael P. Murphy, John G. Maijub  
**From:** Division of Vascular Surgery, IU School of Medicine, Indianapolis, IN
- 2:20 PM**      †10.      **Lower Limb Malperfusion in Acute Type-A Dissection**
- Ali Rteil**, Alexander Shepard, Timothy Nypaver, Mitchell Weaver, Farah Mohammad, Hasan Nemeh, Themistokles Chamogeorgakis, Loay Kabbani  
**From:** Henry Ford Health System, Detroit, MI
- 2:30 PM**      †11.      **Type 2 Endoleak with an Enlarging Aortic Sac Predisposes to Development of Type 1a Endoleak**
- Christine L. Eden**, Graham W. Long, Matthew Major, Diane Studzinski, O. William Brown  
**From:** Beaumont Hospital, Royal Oak, MI
- 2:40 PM**      § 12.      **Computational Analysis of Seal Zone Preservation and Migration Resistance with Endoanchors**
- Luka Pocivavsek**, Erin Abbott, Sanjeev Dhara, Trissa Babrowski, Ross Milner  
**From:** The University of Chicago, Chicago, IL
- 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 – 4:30 PM - Session 1A – Updates in Vascular Surgery**

**Moderators:** Peter J. Rossi and Andrea T. Obi

**What's coming for TEVAR and Delivery in Zones 0, 1 & 2**

**Bernardo C. Mendes, MD**

Vascular Surgery  
Gonda Vascular Center  
Mayo Clinic  
Rochester, MN

**Endovascular Management of All Type B Dissections – Is it Finally Standard of Care?**

**Trissa A. Babrowski, MD**

Assistant Professor of Surgery  
University of Chicago Medicine  
Chicago, IL

**Juxtarenal Aneurysm Debate – What Repair is Best for Our Patients?**

**Endo – No Doubt FEVAR & Endoanchors are Best!**

**Carlos Bechara, MD**

Vascular Surgery and Endovascular Therapy  
Associate Professor  
Program Director, Vascular Surgery Fellowship  
Loyola University Medical Center, Stritch School of Medicine  
Maywood, IL

**Open – Open of course, Durability should be our Goal!**

**Paul D. DiMusto, MD**

Assistant Professor  
Division of Vascular Surgery  
University of Wisconsin School of Medicine and Public Health  
Madison, WI

**Explanting Endografts – Tips, Tricks & Results** Francis Caputo

**Francis Caputo, MD**

Department Vascular Surgery  
Clinical Staff, Program Director  
Cleveland Clinic  
Cleveland, OH

**4:30 – 5:30 PM - Session 1B Venous Controversies**

**Moderators:** Robert F. Cuff and Andrew W. Hoel

**Your 32-Year-old Niece has a Left Iliofemoral DVT? – This Is What I Would Recommend**

**Judith C. Lin, MD, MBA, RVT, RPVI**

Senior Staff Surgeon, Director of Henry Ford Vein Center  
Division of Vascular Surgery, Henry Ford Health System  
Professor of Surgery, Wayne State University School of Medicine  
Detroit, MI

**Thrombus Extraction instead of Thrombus Dissolution for DVT & PE– Do these Devices Really Work?**

**Matthew Recht, MD**

Vascular Surgery  
TriHealth/Good Samaritan  
Cincinnati, OH

**What's new in Iliac Venous Stenting and is the Wallstent Obsolete?**

**Christopher J. Goltz, MD**

Vascular Surgery  
Michigan Vascular Center  
Flint, MI

**IVC Filter Removal for all? How I my approach my IVC filter Patients**

**Ashley K. Vavra, MD**

Assistant Professor of Surgery  
Northwestern Medicine  
Feinberg School of Medicine  
Chicago, IL

**Saphenous Reflux- Above the Knee, Below the Knee and Superficial Saphenous Veins – How I Use Non-Tumescent Non-Thermal Options**

**Jennifer J. Watson, MD, RPVI**

Assistant Professor of Surgery  
Michigan State University, College of Human Medicine  
Division of Vascular Surgery  
Frederik Meijer Heart and Vascular Institute of Spectrum Health  
Grand Rapids, MI

**5:30 PM – 6:45 PM**

**RECEPTION IN EXHIBIT HALL**

**5:45 PM - 6:45 PM**

**POSTER SESSION (Ballroom Foyer)**

**7:30 AM – 8:00 AM**

**CONTINENTAL BREAKFAST WITH EXHIBITORS**

**8:00 AM – 9:30 AM**

**SESSION II**

**Moderators:** Francis Caputo and Jill J. Coglazier

**8:00 AM**

**13.**

**Revisiting Endovascular Repair for Ruptured Abdominal Aortic Aneurysms**

**Samer Alharthi**, Mohanad Baldawi, Chandan Das, Alexander Wiesnewski, Marcus Adair, Stephen Markowiak, Mohamed Osman, Munier Nazzal

**From:** University of Toledo, Toledo, OH

**8:10 AM**

**14.**

**Impact of Hospitalist Co-management on Outcomes in the Vascular Surgery Inpatient Population**

**Kaavya Adam**, Laurel Gordon, Carlos Bechara, Paul Crisostomo, Pegge Halandras, Michael C. Sault, Bernadette Aulivola

**From:** Division of Vascular Surgery, Loyola University Medical Center, Maywood, IL

**8:20 AM**

**15.**

**Enhanced Dialysis Access Patency Using Machine Learning**

**Sapan S. Desai**

**From:** Surgery, Northwest Community Healthcare, Chicago, IL

**8:30 AM**

**16.**

**Physician Reimbursement for Vascular Surgery Procedures and Vascular Laboratory Studies Before and After the Affordable Care Act**

**Mounir J. Haurani**, Daisy Chou, , Patrick S. Vaccaro, Timur P. Sarac, Bhagwan Satiani

**From:** The Ohio State University Wexner Medical Center, Columbus, OH

**8:40 AM**

**17.**

**Fasting Prior to Duplex Ultrasound Scan of Abdominal Aorta Is Unnecessary: Comparison of the Results of a Pilot Randomized Blind Study and a Retrospective Cohort**

**Jihad Abbas**, Julie Mason, Todd Russell, Gregory Kasper, David Paolini, Robin Acino, Fedor Lurie

**From:** Jobst Vascular Institute, Toledo, OH

**8:50 AM**

**†18.**

**The Duration of Blood Flow Reversal During Transcarotid Artery Revascularization (TCAR) Does Not Affect Outcomes**

**Alexander H. King**<sup>1</sup>, Norman H. Kumins<sup>1</sup>, Jae S. Cho<sup>1</sup>, Jeffrey Jim<sup>2</sup>, Raghu L. Motaganahalli<sup>3</sup>, Jeffrey M. Applie<sup>4</sup>, Mazin I. Foteh<sup>4</sup>, Vikram S. Kashyap<sup>1</sup>

**From:** <sup>1</sup>University Hospitals Cleveland Medical Center, Cleveland, OH, <sup>2</sup>Washington University, St. Louis, MO, <sup>3</sup>Indiana University, Indianapolis, IN, <sup>4</sup>Cardiothoracic and Vascular Surgeons, Austin, TX

- 9:00 AM**      **19.      Impact of Renal Function on Early and Late Survival After Endovascular Thoracoabdominal And Pararenal Aortic Aneurysm Repair**
- Luis C. Cajas-Monson**, Mario D'Oria, Emanuel Ramos Tenorio, Bernardo Mendes, Gustavo Oderich, , Randall DeMartino,  
**From:** Mayo Clinic, Rochester, MN
- 9:10 AM**      **†20.      Outcomes of ChEVAR and FEVAR Using VIABAHN VBX and Atrium iCAST Stents**
- Emma C. Clark**, Ross Milner,  
**From:** Section of Vascular Surgery and Endovascular Therapy, The University of Chicago Medicine, Chicago, IL
- 9:30 AM – 10:00 AM**                      **REFRESHMENT BREAK - VISIT EXHIBITS**
- 10:00 AM – 10:40 AM**                      **SESSION III**  
**Moderators:** Kellie R. Brown and Paul DiMusto
- 10:00 AM**      **21.      Outcome Comparison of Zone 1 to Zone 3 Thoracic Endovascular Aortic Repair (TEVAR) Performed Outside Versus Inside 2-cm Proximal Landing Zone Recommendation**
- William Yoon**, , Matthew Mell  
**From:** Vascular Surgery, University of California Davis Medical Center, Sacramento, CA
- 10:10 AM**      **22.      From the PORTRAIT Registry: Health Status and Level of Disease in Patients Presenting with Claudication**
- Todd R. Vogel**<sup>1</sup>, Robin L. Kruse<sup>1</sup>, Jonathan Bath, <sup>1</sup>, Jingyan Wang<sup>2</sup>, Kim G. Smolderen<sup>2</sup>  
**From:** <sup>1</sup>University of Missouri Hospitals & Clinics, Columbia, MO, <sup>2</sup>University of Missouri-Kansas City, Kansas City, MO
- 10:20 AM**      **23.      Pre-emptive TEVAR is Unnecessary in Extended Type A (DeBakey Type I) Aortic Dissections**
- Amy B. Reed**, , Michael Rosenberg, , Patrick Self, , Rumi Faizer, , R. James Valentine  
**From:** Minnesota Health Fairview, University of Minnesota, Minneapolis, MN
- 10:30 AM**      **24.      Histologic and Morphologic Character of Pediatric Renal Artery Occlusive Disease**
- Dawn M. Coleman**, Amer Heider, David Gordon, Santhi K. Ganesh, Jonathan L. Eliason, James C. Stanley  
**From:** University of Michigan, Ann Arbor, MI
- 10:40 AM – 10:45 AM**                      **POSTER COMPETITION WINNER PRESENTATION AND AWARD**  
**Introduced and Presented by:** *Kellie R. Brown, MD, President-Elect*

† Szilagyi Award, § Guthrie Award, ◇ Pfeifer Award

- 10:50 AM – 11:50 AM**                    **PRESIDENTIAL ADDRESS**  
**Jean E. Starr, MD, 2018-2019 MVSS President**  
*Introduced by: Kellie R. Brown, MD*
- 11:50 AM – 12:00 PM**                    **AWARD PRESENTATIONS**
- 12:15 PM - 1:15 PM**                    **MEMBER BUSINESS LUNCHEON (*Members Only*)**
- 1:30 PM – 2:30 PM**                    **SESSION IV**  
**Moderators:** Ross Milner and Jeffrey Jim
- 1:30 PM**            **25.    *Open Endoaneurysmorrhaphy of 9 cm Ruptured Popliteal Aneurysm 7 Years After Initial Repair***
- Joyce Lu,<sup>1,2</sup> Robert Cuff<sup>1,2</sup>, Christopher Chambers<sup>1,2</sup>.**  
***From:*** <sup>1</sup>Spectrum Health, Grand Rapids, MI, <sup>2</sup>Michigan State University College of Human Medicine, MI
- 1:35 PM**            **26.    *Staged Radio-Radial Fistula Creation for Hemodialysis Access: A Novel Alternative***
- Zachary Lawrence, Sitaram V. Chivukula, Erin Farlow, Richard Keen, Neha Sheng**  
***From:*** Department of Surgery, John H. Stroger Hospital of Cook County, Chicago, IL
- 1:40 PM**            **27.    *Endovascular Therapy for Spontaneous Ilio-iliac Av Fistula Due to Iliac Aneurysm Rupture with Multi Organ Dysfunction.***
- Muhammad Tipu Rishi, Andi Peshkepija, Justin King, Keisin Wang, John Majjub, Alok Gupta, Andres Fajardo, Raghu L. Motaganahalli**  
***From:*** Surgery, Indiana University School of Medicine, Indianapolis, IN
- 1:45 PM**            **28.    *A Novel Way to Fenestrate a Type B Dissection Flap Using Endovascular Electrocautery***
- Loay Kabbani, Marvin Eng, Judith Lin, Dylan McLaughlin, Scott Bendix**  
***From:*** Vascular Surgery, Henry Ford Hospital, Detroit, MI
- 1:50 PM**            **29.    *Renovascular Hypertension Secondary to Renal Artery Compression By Diaphragmatic Crura***
- Aleem K. Mirza, Michael L. Kendrick, Thomas C. Bower, Randall R. DeMartino**  
***From:*** Vascular and Endovascular Surgery, Mayo Clinic Rochester, Rochester, MN
- 1:55 PM**            **30.    *Endovascular Salvage of Thrombosed Thoracic Aortic Stent Graft Presenting as Sudden Onset Heart Failure***
- Sarah EB Strot, Eanas S. Yassa, Justin M. Simmons, Robert F. Cuff, M Ashraf Mansour**  
***From:*** Division of Vascular Surgery, Spectrum Health/Michigan State University, Grand Rapids, MI

† Szilagyi Award, § Guthrie Award, ◇ Pfeifer Award



- 2:00 PM**      **31.    A Contemporary Reassessment of the Vascular Surgery Workforce Predicts a Shortage in Available Services for the Next 20 Years**
- Michael R. Go**, Wendelyn M. Oslock, Heena P. Santry, David P. Way, Holly E. Baselice, Robert M. Tamer, K C. Kent, Thomas E. Williams, Bhagwan Satiani  
**From:** Surgery, The Ohio State University, Columbus, OH
- 2:10 PM**      **32.    Comparison of Vascular Surgery Operative Exposure for 0+5 versus 5+2 Training Paradigms**
- Kristin Schafer**, Eric Goldschmidt, Heitham Albeshri, Munier Nazzal, Mohamed Osman  
**From:** University of Toledo College of Medicine, Toledo, OH
- 2:20 PM**      **33.    Vascular Surgery in Ethiopia: Result of Twinning Partnership in developing Vascular Care**
- Girma Tefera**<sup>2</sup>, Nebyou S. Abebe<sup>1</sup>, Yoseph Z. Semma<sup>2</sup>, Ferron Getachew<sup>3</sup>, Jon Matsumura<sup>2</sup>,  
**From:** <sup>1</sup>Addis Ababa University, Addis Ababa, Ethiopia, <sup>2</sup>University of Wisconsin, Madison, WI, <sup>3</sup>Addis Ababa University, Addis Ababa, Ethiopia

**2:30 PM – 3:30 PM**

**NEW HORIZONS IN VASCULAR SURGERY SESSION II**

**Hemodialysis Updates**

**Moderators:** Nicholas Osborne

**Arteriovenous fistula vs. Arteriovenous Graft vs. Alternatives – How I decide for my Hemodialysis Patients**

**Robert F. Cuff, MD, FSVS RPVI CHSE**

Assistant Professor of Surgery, MSU-CHM  
 Division of Vascular Surgery, SHMG  
 Program Director, Integrated Vascular Surgery Residency and Vascular Surgery Fellowship  
 Spectrum Health Medical Group  
 Grand Rapids, MI

**Percutaneous AVF Creation – It’s Here**

**John G. Maijub, MD**

Assistant Professor of Surgery  
 Indiana University School of Medicine  
 Indianapolis, IN

**Alternative AV access ( HERO, lower extremity AVF) – Technical Tips & How to Help Our Patients**

**Mounir J. Haurani, MD**

Associate Professor of Surgery  
 The Ohio State University Wexner Medical Center  
 Division of Vascular Diseases and Surgery  
 Columbus, OH

## **Steal Syndrome - This is What I Do**

### **Elliott J. Stephenson, MD**

Vascular and Endovascular Surgeon  
Minneapolis Heart Institute® at Abbott  
Northwestern Hospital  
Minneapolis, MN

## **Detection and Management of Central Venous Stenosis – 8 minutes**

### **Loay S. Kabbani, MD**

Vascular Surgery Fellowship, Program Director  
Henry Ford Health System  
Detroit, MI

**3:30 PM – 4:00 PM**

## **REFRESHMENT BREAK – VISIT EXHIBITS**

**4:00 PM – 5:00 PM**

## **CONTEMPORARY ISSUES IN VASCULAR SURGERY**

**Moderators:** Joseph R. Schneider and David Chew

### **Justifying Hiring and Advanced Practitioners to Your Hospital or Group**

#### **Joseph R. Schneider, MD, Ph.D, RVT, RPVI**

Vascular Surgery and Interventional Radiology Partners/VSIR  
Northwestern Medicine  
Professor of Surgery, Northwestern University Medical School  
Winfield, IL

### **Creating Your Own Advanced Practitioner Job**

#### **Patricia Brown MSN, FNP-BC, CVRN-BC**

Nurse Practitioner  
Vascular Surgery and Interventional Radiology Partners/VSIR  
Northwestern Medicine Central DuPage Hospital  
Winfield, IL

### **APP to Be, or Not to Be. Integrating APPs into the Outpatient Practice**

#### **John H. Fish, III MD, FSVM, FACP, RPVI**

Director Vascular Medicine, ProMedica Jobst Vascular Institute  
Clinical Assistant Professor, UT Department of Surgery  
2109 Hughes Drive  
Toledo, Ohio

### **The Journey to Hiring Nine Advanced Practitioners**

#### **Brian D. Lewis, MD**

Professor of Surgery and Radiology  
Division of Vascular and Endovascular Surgery  
Medical College of Wisconsin  
Milwaukee, WI

† Szilagy Award, § Guthrie Award, ◇ Pfeifer Award

## **SATURDAY, SEPTEMBER 14, 2019**

**8:00 AM – 9:30 AM**

### **NEW HORIZONS IN VASCULAR SURGERY SESSION III**

#### **Controversies in Vascular Surgery**

Patrick Muck and Mark Eskandari

#### **Current Trends & Concerns in Vascular Training – A Update from the APDVS**

##### **Amy B Reed, MD, RPVI**

Professor and Chief, Vascular and Endovascular Surgery  
University of Minnesota  
Director, Fairview Vascular Services  
President, Association of Program Directors in Vascular Surgery  
Minneapolis MN

#### **Drug Eluting Peripheral Artery Treatment and Mortality Rates – A Real Concern?**

##### **Nicholas H. Osborne, MD, MS, RPVI**

Assistant Professor of Surgery  
Associate Program Director, Vascular Surgery  
University of Michigan  
Ann Arbor, MI

#### **Transfemoral Carotid Artery Stenting (TFCAS)- Is it Dead and What Does the VQI Show Us?**

##### **Mel Sharafuddin, MD**

Vascular Surgery  
University of Iowa Hospitals & Clinics  
Iowa City, IA

#### **Carotids, Calcification and TCAR – How I Approach These Patients**

##### **Brian A. Kuhn, MD**

Vascular Surgery  
TriHealth Good Samaritan  
Cincinnati, OH

#### **TCAR For Standard Risk Patients? Is It Time for A Standard Risk Trial?**

##### **Peter J. Rossi, MD**

Associate Professor and Chief  
Division of Vascular and Endovascular Surgery  
Medical College of Wisconsin  
Milwaukee, WI

## **Covered Stents or Open Surgery for Mesenteric Ischemia – How I Choose**

### **Pegge Halandras, MD**

Vascular Surgery and Endovascular Therapy  
Associate Professor  
Loyola University Medical Center, Stritch School of Medicine  
Maywood, IL

## **DOACs & Reversal Agents - Are VKAs Obsolete?**

### **Andrea T. Obi, MD**

Assistant Professor  
Vascular Surgery, Surgery  
Michigan Medicine Vascular Surgery Clinic  
Cardiovascular Center  
Ann Arbor, MI

**9:30 AM – 9:45 AM**

## **TRAVELING FELLOWSHIP PRESENTATION/AWARD**

### **Mounir J. Haurani, MD**

Associate Professor of Surgery  
The Ohio State University Wexner Medical Center  
Division of Vascular Diseases and Surgery  
Columbus, OH

***Introduced by: Kellie R. Brown, MD***

**9:45 AM – 10:45 AM**

## **HONORARY GUEST LECTURE**

**“Physician Leadership: American Medicine’s Missing Commodity”**

### **Spence M. Taylor, MD**

President, Prisma Health—Upstate  
Professor of Surgery  
USC School of Medicine Greenville  
Greenville, SC

***Introduced by: Kellie R. Brown, MD***

**10:45 AM – 11:00 AM**

## **REFRESHMENT BREAK**

11:00 AM – 12:10 PM

**SESSION V**

**Moderators:** Paul Crisostomo and Trissa A. Babrowski

- 11:00 AM 34. **Racial Disparities Exist in Amputation Outcomes Associated with Critical Limb Ischemia**
- Melissa D 'Andrea**, Tia Sutton, Valerie Takyi, Carlos Bechara, Paul Crisostomo, Pegge Halandras, Michael C. Soult, Bernadette Aulivola  
**From:** Division of Vascular Surgery, Loyola University Medical Center, Maywood, IL
- 11:05 AM 35. **Transcarotid Artery Revascularization is Anatomically Feasible in the Majority of Patients Eligible for Carotid Artery Stenting**
- Ravi N. Ambani**, Alexander H. King, Jones P. Thomas, Vikram S. Kashyap, Norman H. Kumins  
**From:** University Hospitals Cleveland Medical Center, Cleveland, OH
- 11:10 AM 36. **The Association of Plaque Morphology using Optical Coherence Tomography and Crossing Chronic Total Occlusions of the SFA**
- Jacob W. Hartwig<sup>1</sup>, Drew J. Braet<sup>1</sup>, Jonathan Bath<sup>1</sup>, John F. Tann<sup>1</sup>, David Garay<sup>2</sup>, Jamie B. Smith<sup>1</sup>, **Todd R. Vogel**<sup>1</sup>  
**From:** <sup>1</sup>University of Missouri Hospitals & Clinics, Columbia, MO, <sup>2</sup>Avinger Inc., Redwood City, CA
- 11:15 AM 37. **Daytime Operation Predicts Discharge Disposition in Open Repair of Ruptured Thoracoabdominal Aortic Aneurysms**
- Alexander D. Leung**, Charles W. Acher, Paul DiMusto  
**From:** University of Wisconsin Hospital and Clinics, Madison, WI
- 11:20 AM 38. **Every Day Counts: Understanding the Implication of Prolonged Length of Stay On Hospital Payments Following Carotid Endarterectomy**
- Nicholas H. Osborne**<sup>1</sup>, Danielle Sutzko<sup>2</sup>, Elizabeth Andraska<sup>3</sup>, Peter K. Henke<sup>2</sup>  
**From:** <sup>123</sup>Surgery, University of Michigan, Ann Arbor, MI
- 11:25 AM 39. **Impact of Targeted Sclerotherapy in Management of Refractory Venous Ulcer**
- Samer Alharthi**, Mohanad Baldawi, Karen Bauer, Alexandria Ford, Ahmadiyah Siddiq, Heitham Albeshri, Weikai Qu, Mohamed Osman, Munier Nazzal  
**From:** University of Toledo, Toledo, OH
- 11:30 AM 40. **Gender-related Differences in Aortic Dissection in Marfan Syndrome**
- Jason R. Cook**, Matthew A. Henn, Tarun Ramayya, MD, Rahul Handa, MD, Puja Kachroo, Alan C. Braverman, J Westley Ohman  
**From:** Washington University, Saint Louis, MO

- 11:35 AM 41. **The Level of Persistent False Lumen Perfusion is Associated with Increased Aortic Size after TEVAR in Patients with TBAD**
- Ali Rteil**, Loay Kabbani, Jeffrey Nadig, Rohit Shenoy Ranjal, Richard Linchangco, Mitchell Weaver, Timothy Nypaver, Alexander Shepard  
*From:* Henry Ford Health System, Detroit, MI
- 11:40 AM 42. **Long-Term Outcomes and Interventions of Postoperative Type 1a Endoleaks Following Elective EVAR**
- Matthew Major**, Graham Long, Christine Eden, Diane Studzinski, O William Brown  
*From:* Beaumont Health, Royal Oak, MI
- 11:45 AM 43. **Autologous Stem Cell Combination Intra-Arterial Infusion and Intra-Muscular Injection Shows Physiologic Benefit in Patients with Non-Reconstructable Critical Limb Ischemia**
- Karl R. Stark**<sup>1,2</sup>, Scott W. Kujath<sup>1,2</sup>, Robert R. Carter<sup>1,2</sup>, Paul T. Sudhakar<sup>1</sup>  
*From:* <sup>1</sup>Midwest Aortic & Vascular Institute, P.C., North Kansas City, MO, <sup>2</sup>University of Missouri- Kansas City School of Medicine, Kansas City, MO
- 11:50 AM 44. **Assessing the Validity of Published Data on Percutaneous Transluminal Angioplasty as a Benchmark for Infrainguinal Endovascular Procedures**
- Phillip Key**, Mekala Neelakantan, Krishna Jain, MD, Mireya Diaz, Elizabeth Lorbeer  
*From:* Western Michigan Homer Stryker M.D. School of Medicine, Kalamazoo, MI
- 11:55 AM 45. **Low Albumin Predicts Poor Outcome Following Lower Extremity Procedures For Peripheral Arterial Disease**
- Jonathan Bath**, Jamie B. Smith, Robin L. Kruse, Todd R. Vogel  
*From:* Vascular Surgery, University of Missouri, Columbia, MO
- 12:00 PM 46. **Impact of Post Hospital Syndrome on Outcomes of Elective Endovascular Repair of Abdominal Aortic Aneurysm**
- Sungho Lim**, Abdul Q. Alarhayem, Behzad Farivar, Sean P. Lyden, David Hardy  
*From:* Vascular Surgery, Cleveland Clinic, Cleveland, OH
- 12:05 PM 47. **Outcomes After Carotid Artery Stenting in Patients with Normal Neck Anatomy And Hostile Neck Anatomy Are Comparable**
- Zaynab Amin**<sup>1</sup>, Daisy Chou<sup>1</sup>, Sarthak Gulati<sup>1</sup>, Emma C. Clark<sup>2</sup>, Jean E. Starr<sup>1</sup>  
*From:* <sup>1</sup>The Ohio State University Wexner Medical Center, Columbus, OH, <sup>2</sup>University of Chicago, Chicago, IL
- 12:10 PM **ADJOURN**