

MIDWESTERN VASCULAR 2023
48th Annual Meeting
September 7-9, 2023
Renaissance / The Depot
Minneapolis, MN

2023 PRELIMINARY PROGRAM

As of 8/7/23

THURSDAY, SEPTEMBER 7, 2023

6:00 – 6:00 PM	Registration Hours
7:30 – 9:00 AM	INDUSTRY APPRECIATION BREAKFAST
7:00 – 11:45 AM	SIMULATION ASSESSMENT COURSE
9:15 – 11:00AM	MVSS EXECUTIVE COUNCIL MEETING
11:30 – 12:20 PM	INDUSTRY SPONSORED LUNCH SYMPOSIUM
12:30 PM	WELCOME/INTRODUCTORY REMARKS Jeffrey Jim, MD, President

12:35 – 1:45 PM	SCIENTIFIC SESSION 1 Moderators: Jeffrey Jim, Lindsey Korepta, Humraaz Samra
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12:35	1. † Implications And Late Outcomes Of Persistent Type II Endoleaks After Endovascular Aneurysm Repair <i>Sebastian Cifuentes, MD, Diego VS Rodrigues, MD, Armin Tabiei, Nolan C. Cirillo-Penn, MD, Bernardo C. Mendes, Jill J. Colglazier, MD, Fahad Shuja, Manju Kalra, MD, Robert Vierkant, Randall R. DeMartino, MD</i> <i>Mayo Clinic, Rochester, MN</i>
12:45	2. † Preoperative Proteinuria Independently Predicts Mortality After Fenestrated Endovascular Aneurysm Repair <i>Shernaz S. Dossabhoy, MD, Andrea T. Fisher, MD, Tara I. Chang, MD, Jordan R. Stern, MD, Jason T. Lee, MD *</i> <i>Stanford University, Stanford, CA</i>
12:55	3. Objective Assessment Of Physician Work In Infra-inguinal Arterial Bypass Surgery <i>Matthew J. Blecha, MD¹, Trissa Babrowski, MD², Ashley Penton, MD¹, Cindy Cruz Alvarez³, Michael Parker, MD¹, Matthew DeJong, MD¹, Matthew Sideman, MD⁴</i> <i>¹Loyola University Chicago, Maywood, IL, ²University of Chicago Medical Center, Chicago, IL, ³Loyola University Chicago, Stritch School of Medicine, Maywood, IL, ⁴University of Texas Health Science Center at San Antonio, San Antonio, TX</i>
1:05	4. † Association Between Socioeconomic Deprivation And Ruptured Abdominal Aortic Aneurysms <i>Victoria S. Wu¹, Francis Caputo, MD², Jon Quatromoni, MD², Lee Kirksey, MD², Sean P. Lyden, MD², Jarrad W. Rowse, MD²</i> <i>¹Case Western Reserve University School of Medicine, Cleveland, OH, ²Cleveland Clinic Foundation, Cleveland, OH</i>
1:15	5. Comparative Outcomes Of Bent Knee Early Ambulation After Below-knee Amputation <i>Troy D. Decker, PA-C, MPAS, Elliot Stephenson, MD, Nedaa Skeik, MD, Senthil N. Jayarajan, MD, Jesse Manunga, MD</i> <i>Allina Health Minneapolis Heart Institute/Abbott Northwestern, Minneapolis, MN</i>

§ = Guthrie Award
◇ = Pfeifer Venous Award
† = Szilagyi Award

1:25 **6. ◇**
Predisposing Anatomy For Thoracic Outlet Syndrome And Functional Outcomes After Supraclavicular Thoracic Outlet Decompression In Athletes
David Jiang, MD¹, Seth Sankary¹, Omar Morcos, MD², Benjamin Lind, MD², Cheong J. Lee, MD²
¹University of Chicago, Chicago, IL, ²Northshore University Healthsystem, Chicago, IL

1:35 **7. ◇**
A Cadaveric Study Evaluating Intraluminal Abnormalities Of The Left Common Iliac Vein
Celeste M. Murtha¹, Grace E. Thiel¹, Morgan L. McBride¹, Anthony B. Olinger, PhD¹, Richard D. Coats, MD²
¹Kansas City University, Kansas City, MO, ²Kansas City Vascular and General Surgery, Overland Park, KS

1:45 – 2:15 PM COFFEE BREAK (Visit Exhibits)

2:15 – 3:25 PM	SCIENTIFIC SESSION 2 Moderators: Trissa Babrowski, Simon Fraser, David Laczynski
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2:15 **8. §**
The Histone Methyltransferase Whsc1 Regulates Tgfb-driven Macrophage To Myofibroblast Transition During Normal Wound Healing
Kevin Mangum, MD, Amrita Joshi, PhD, Asuman Erturk, Purba Mazumder, Emily Barrett, MD, Sonya Wolf, PhD, Andrea Obi, MD, Steven Kunkel, PhD, Frank Davis, MD, Katherine Gallagher, MD
University of Michigan, Ann Arbor, MI

2:25 **9. §**
Vasculogenic Mesodermal Cells Derived From Induced Pluripotent Stem Cells Improve Limb Perfusion And Decrease Necrosis In Murine Models Of Hindlimb Ischemia
Humraaz Samra, MD¹, Michael Ingram, MD¹, Theresa Doiron BS¹, Leni Moldovan, PhD¹, Chang-Hyung Gil, PhD¹, David Mann, MD², Matthew George, MD², Mervin Yoder, MD², Steven Miller, PhD¹, Michael Murphy, MD¹
¹Indiana University, Indianapolis, IN, ²Vascugen Inc.

2:35 **10. †**
The Effects Of Sex-specific Differences On Long-term Outcomes Following Endovascular Aneurysm Repair
Emanuela C. Peshel, MD, Diane Studzinski, Matthew Laskovy, DO, Rose E. Callahan, Graham W. Long, MD, O. William Brown, MD
William Beaumont University Hospital, Royal Oak, MI

2:45 **11. †**
Trends In Hospitalization Of Patients Undergoing Endovascular Treatment Of Thoracoabdominal Aortic Aneurysms
Diego VS Rodrigues, MD¹, Jesse Chait, MD¹, Nolan C. Cirillo-Penn, MD¹, Randall R. DeMartino, MD¹, Robert A. Vierkant¹, Gustavo S. Oderich, MD², Bernardo C. Mendes, MD¹
¹Mayo Clinic, Rochester, MN, ²University of Texas, Houston, TX

2:55 **12.**
5-year Quality Of Life Follow-up After Diagnosis Of Acute Iliofemoral DVT
Nicholas Schaper, Tyler Arismendi, Charles Marquardt, MD, Matthew Smeds, MD, Saideep Bose, MD
Saint Louis University School of Medicine, St. Louis, MO

3:05 **13. †**
The Use Of Artificial Intelligence Technology In The Detection And Treatment Of Pulmonary Embolism At A Tertiary Referral Center
Jacob Shapiro¹, Adam Reichard¹, Saba Chowdhry², Angela Fellner¹, Mark Broering¹, Brian Kuhn¹, Aaron Kulwicki¹, Matthew Recht¹, Patrick Muck¹, Christopher Hayner¹
¹TriHealth, Cincinnati, OH, ²Viz.ai, San Francisco, CA

† Szilagyi Award, § Guthrie Award, ◇ Pfeifer Award

3:15 **14. †**
Slowly Moving The Needle Away From Fistula First
Hani Ghandour, MD¹, Rym El Khoury, MD², Chad E. Jacobs, MD¹, John V. White, MD¹, Lewis B. Schwartz, MD¹
¹Advocate Lutheran General Hospital, Chicago, IL, ²University of California San Francisco, San Francisco, CA

3:25 – 3:45 PM COFFEE BREAK (Visit Exhibits)

3:45 – 4:00pm VISTING PROFESSOR

Prevention, Prognosis, Prediction, and Precision Care for Vascular Surgery: Development of a BioBank

Jason Lee, MD

Chief, Division of Vascular Surgery
Professor of Surgery
Stanford Health Care
Palo Alto, CA

4:00– 5:30 PM	NEW HORIZONS IN VASCULAR SURGERY SESSION 1: UPDATES & CONTROVERSIES <i>Moderators: Pegge Halandras, Bernardo Mendes, Kirran Bakhshi</i>
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4:00pm

DEBATE: BEST CLI - Endo-first is Dead: The Return of the Surgical Bypass

Robert Beaulieu, MD – University of Michigan

4:10pm

DEBATE: BEST CLI - Endo-first is Still the Best

Paul Crisostomo, MD - Loyola University Medical Center

4:20pm

Transfemoral Carotid Stenting: Mentioned Only to be Condemned or Still Useful?

Vikram Kashyap, MD - Case Western University

4:30pm

Radial Artery Access for Peripheral Endoluminal Therapy: The New Standard of Care?

Victor Weiss, MD - University of Wisconsin School of Medicine

4:40pm

Atypical Claudication: Causes and Treatments

Katherine Gallagher, MD - University of Michigan

4:50pm

Paclitaxel Coated Balloons for Femoropopliteal Artery Lesions: Verboten or Treatment of Choice?

Saideep Bose, MD - St. Louis University

5:00pm

ATTRACT Trial: Fact or Fiction for Prevention of Severe PTS?

Katherine Holzem, MD - Washington University School of Medicine

5:10pm - Panel Discussion

5:15 – 6:45 PM

WELCOME RECEPTION

FRIDAY, SEPTEMBER 8, 2023

7:15 AM – 5:00 PM

Registration Hours

7:15 – 8:00 AM

CONTINENTAL BREAKFAST/VISIT EXHIBITS

8:00 – 9:30 AM

SCIENTIFIC SESSION 3

Moderators: Bernadette Aulivola, Ayman Ahmed Robert Weiss

- 8:00 **15. †**
Natural History Of Superior Mesenteric Artery In-stent Restenosis.
Ahmed A. Sorour, MD, Hassan Dehaini, MD, Khaled Alnahhal, MD, James Bena, Ali Khalifeh, MD, Jarrad W. Rowse, MD, Jon G. Quatromoni, MD, Francis J. Caputo, MD, Sean P. Lyden, Levester Kirksey, MD
Cleveland Clinic, Cleveland, OH
- 8:10 **16. †**
5 Year Data From The GREAT Registry: A Comparison Of Outcomes For Bell Bottom, Iliac Branch Endoprosthesis, And Coil & Cover Approaches
Angela Giese, MD¹, Jan Heyligers, MD², Ross Milner, MD¹
¹University of Chicago Medicine, Chicago, IL, ²Elisabeth TweeSteden Hospital, Tilburg, Netherlands
- 8:20 **17. †**
Comparative Evaluation Of Transcutaneous Oxygen Tension Versus Ankle Brachial Index As Predictors Of Need For Below-knee Amputation Revision
Drew J. Braet, MD, Kian Pourak, Luciano Delbono, MD, Chloe Powell, Margaret E. Smith, MD, David Schechtman, MD, Andrea T. Obi, MD, Dawn M. Coleman, MD, Matthew A. Corriere, MD
University of Michigan, Ann Arbor, MI
- 8:30 **18. †**
Five-Year Outcomes Following Transcarotid Revascularization
Mackenzie K. Madison, MD¹, Rohan Basu, MD¹, Hanaa Dakour-Aridi, MD¹, Keisin Wang, MD², Ashley Gutwein, MD¹, Alok Gupta, MD¹, Andres Fajardo, MD¹, Raghu L. Motaganahalli, MD¹
¹Indiana University, Indianapolis, IN, ²The University of Texas Health Science Center at Houston McGovern School of Medicine, Houston, TX
- 8:40 **19. †**
Retrograde Open Mesenteric Stenting Is Associated With Superior Outcomes For Acute Mesenteric Ischemia
Maraya Camazine, MD¹, Chase Schlesselman², Vishwa Bhayani², Jonathan Bath², Iris Zachary, PhD², Todd R. Vogel²
¹University of Arkansas for Medical Sciences, Little Rock, AR, ²University of Missouri Hospitals & Clinics, Columbia, MO
- 8:50 **20. †**
Relation Of Pannus Size To Postoperative Wound Infection After Femoral Endarterectomy
Kirran Bakhshi, MD¹, Samuel Vercimak, MD², Tahlia Weis, MD¹, Shameem Kunhammed, MD¹, Ayman Ahmed, MD¹
¹Marshfield Clinic, Marshfield, WI, ²MercyHealth, WI
- 9:00 **21. †**
Frailty Screening For Determination Of Hemodialysis Access Placement
Shannon M. McDonnell, Shaya Nikfar, Pegge M. Halandras, MD
¹Loyola University Medical Center, Maywood, IL

† Szilagyi Award, § Guthrie Award, ◇ Pfeifer Award

9:10 **22. †**
Outcomes Of Icast Bridging Stents In Zenith Fenestrated Endografts - A Single Center Experience
Ryan Wahidi, Nathan Droz, MD, Momodou Jammeh, MD, Zachary Wanken, MD, Westley Ohman, MD, Luis Sanchez, MD
Washington University School of Medicine, St. Louis, MO

9:20 **23. †**
Ultrasound Assessment Of Internal Carotid Stenosis Pre- And Post-endarterectomy Of Contralateral Near-occluded Carotid
Vaishnavi Aradhyula¹, Lauren Workman¹, Todd E. Russell, MD^{1,2}, Gregory Kasper, MD², Brett Aplin, MD², Fedor Lurie, MD^{2,3}
¹University of Toledo College of Medicine, Toledo, OH, ²ProMedica Toledo Hospital, Toledo, OH, ³University of Michigan, Ann Arbor, MI

9:30 – 9:50 AM COFFEE BREAK (Visit Exhibits)

9:50 – 10:40 AM	SCIENTIFIC SESSION 4 Moderators: Jill Colglazier, Kristine Orion, Hannah Dakour Aridi
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9:50 **24.**
Reducing Aneurysm Sac Growth And Secondary Interventions Following Endovascular Abdominal Aortic Aneurysm Repair By Preoperative Coil Embolization Of The Inferior Mesenteric Artery And Lumbar Arteries
David K. Chew, MD¹, Maianh T. Tran, DO², Ryan A. Schmelter, DO², Jan Franko, MD²
¹Mercy One Iowa Heart Center, West Des Moines, IA, ²Mercy One Medical Center, Des Moines, IA

10:00 **25.**
Single-center Experience With Complex Abdominal And Thoracoabdominal Aortic Aneurysm Treated By Open Or Endovascular Repair Using Fenestrated And Branch Endografts
Jesse Manunga, MD¹, Mansoo Cho², Christopher Pedersen, MD¹, Larissa Stanberry, PhD²
¹Vascular and Endovascular Surgery, Minneapolis Heart Institute at Abbott Northwestern Hospital, Minneapolis, MN, ²Minneapolis Heart Institute Foundation, Minneapolis, MN

10:10 **26.**
Post-implantation Syndrome Following Endovascular Aortic Repair For Abdominal Aortic Aneurysms
Shaminy Manoranjithan¹, Mario D'Oria, MD², Caryn Scoville¹, Todd R. Vogel, MD¹, Steven Cheung, MD¹, Cristiano Calvagna, MD², Sandro Lepidi, MD², Jonathan Bath, MD¹
¹University of Missouri, Columbia, MO, ²University of Trieste, Trieste, Italy

10:20 **27.**
Characterization Of Long-term Survival In Medicare Patients Undergoing Arteriovenous Hemodialysis Access
Matthew R. Smeds, MD¹, Thomas W. Cheng², Elizabeth G. King², Michael S. Williams, MD¹, Alik Farber, MD², Jeffrey J. Siracuse, MD²
¹Saint Louis University, Saint Louis, MO, ²Boston University School of Medicine, Boston, MA

10:30 **28.**
Intact Three-dimensional Molecular Imaging Of Human Tibial Calcification
Arya Asoudegi, Praveen Krishnamoorthy, PhD, Mohamed A. Zayed, MD, PhD, Katherine Holzem, MD, PhD
Washington University in St. Louis School of Medicine, St. Louis, MO

10:40 – 11:00 AM PRESENTATION OF RESEARCH AWARDS

2022 MVSS Diversity in Vascular Surgery Medical Student Research Scholarship

Willa Li, University of Chicago Pritzker School of Medicine

"A Computational Fluid Dynamics Model of Seal Zone Stability in Endovascular Aneurysm Repair"

† Szilagyi Award, § Guthrie Award, ◇ Pfeifer Award

- 11:00 – 11:15 AM** **INTRODUCTION OF THE PRESIDENT**
Bernadette Aulivola, MD President-elect
- 11:15 – 12:00 PM** **PRESIDENTIAL ADDRESS**
Jeffrey Jim, MD
- 12:15 – 1:30 PM** **INDUSTRY SPONSORED LUNCH SYMPOSIUM** *(For Non-members)*
- 12:15 – 1:30 PM** **MVSS BUSINESS MEETING**

1:30 – 2:30 PM	SCIENTIFIC SESSION 5 (Case Presentations) Moderators: J. Westley Ohman, Kyla Bennett, Christopher Pedersen
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- 1:30 **29.**
Unusual Case Of Exertional Leg Pain: Dorsalis Pedis Artery Entrapment Syndrome From Hypertrophied Ehl Muscle Belly
Ethan Moore, Max V. Wohlauer, MD, Mary K. Jesse, MD, Jason Stoneback, MD
University of Colorado Anschutz Medical Campus, Aurora, CO
- 1:35 **30.**
Renal Artery Aneurysm Repair With Balloon Assisted Coil Embolization
Dongjin Suh, MD, Crystal Rodriguez, MD, Adeola T. Odugbesi, MD
University of Iowa Hospitals and Clinics, Iowa City, IA
- 1:40 **31.**
Inferior Mesenteric Artery Aneurysm Resection And Reimplantation
Jacob D. Hughes, MD, Amit Jain, MD
¹University of Cincinnati, Cincinnati, OH
- 1:45 **32.**
Atypical Claudication With High Intensity Exercise From Redundant Common Iliac Artery
Ashley J. Williamson, MD, Courtney E. Morgan
University of Wisconsin, Madison, WI
- 1:50 **33.**
Acetabular And Pelvic Fracture Repair Complicated By Phlegmasia Cerulea Dolens: A Report Of Limb Salvage With Open Thrombectomy And A Modified Palma Procedure
Melissa Hetrick, DO, Graham Long, MD
Corewell Health William Beaumont University Hospital, Royal Oak, MI
- 1:55 **34.**
Superficial Temporal Artery Aneurysm: A Rare Case Of An Enlarging Pre-auricular Mass
Troy K. Tyler, DO, Michael K. Deiparine, MD, Travis Ogogor, DO
Midwest Aortic & Vascular Institute, North Kansas City, MO
- 2:00 **35.**
Massive Portal Vein Aneurysm
Kirran Bakhshi, MD, Shameem Kunhammed, MD
Marshfield Clinic, Marshfield, WI

- 2:05 **36.**
An Unconventional TCAR Via Left-sided Carotid Axillary Bypass- Finding Alternative Routes To Carotid Revascularization In A Patient With Occlusion Of The Common Carotid Artery.
Sarah Katchen, MD, Jonathan Velasco, MD, Julie Gilkeson, MD, Alyssa Bonta, MD, Muhammad T. Rishi, MD
Kettering Health, Kettering, OH
- 2:10 **37.**
Portal Vein Aneurysm: Case Report
Shoaib Shafique, MD, Kate Dell
Franciscan Health, Lafayette, IN
- 2:15 **38.**
Concurrent Pulmonary Embolism And Acute Limb Ischemia Requiring Pulmonary Mechanical Thrombectomy And Initiation Of Thrombolysis At Index Operation
Elisabeth L. Tracey, MD, G. Matthew Longo, MD, Jason R. Cook, MD, PhD
University of Nebraska Medical Center, Omaha, NE
- 2:20 **39.**
Development Of Severe Right Buttock Claudication In A Patient With High Grade Right Internal Iliac Artery Stenosis After Fenestrated Endovascular Aortic Aneurysm Repair, Successfully Treated With Balloon Expandable Stenting
Andrew Edsall, MD, Irina Shakhnovich, MD, Luke O. Pesonen, MD, Luke O. Pesonen, MD
Gundersen Health System, La Crosse, WI
- 2:25 **40.**
From A Dog's Mouth To A Patient's Aorta
Celeste M. Murtha¹, Hans H. Moosa, MD², Richard D. Coats, MD³
¹*Kansas City University, Kansas City, MO, ²Memorial Heart and Vascular Center for Excellence, Belleville, IL, ³Kansas City Vascular and General Surgery, Overland Park, KS*

2:30 – 3:00 PM COFFEE BREAK (Visit Exhibits)

2:45 – 5:15 PM MEDICAL STUDENT HANDS ON SKILLS PROGRAM

3:00 – 3:15pm MVSS PRESIDENTIAL GUEST SPEAKER

I Want You To Do My Job:

Advances and Setbacks in the Ongoing Effort to Recruit Future Vascular Surgeons

Malachi Sheahan, III, MD

Claude C. Craighead Jr., Professor and Chair
 Division of Vascular and Endovascular Surgery
 Louisiana State University Health Sciences Center
 New Orleans, LA

3:15 – 4:15 PM	NEW HORIZONS IN VASCULAR SURGERY SESSION 2: VENOUS Moderators: John Rectenwald, Ashley Gutwein, Alexandra Marrone
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3:15pm

DEBATE: Endoscopic Harvest of Vein for Bypass - It's Back Baby!

James Ebaugh, MD - Iowa Heart Center

3:25pm

DEBATE: Endoscopic Harvest of Vein for Bypass - It's for Cardiac Surgeons

Ashley Vavra, MD - Northwestern University

3:35pm

Management of Cephalic Arch Venous Stenosis - Endo or Open?

Kyla Bennett, MD - University of Wisconsin School of Medicine

3:45pm

IVC Filters - Still a Useful Tool in the Prevention of PE or Just the Attorney's Best Friend?

Michael Go, MD - The Ohio State University

3:55pm

Do All IVC Filters Have to be Removed?

Judith Lin, MD - Michigan State University

4:05pm - Panel Discussion

4:15 – 5:00 PM INDUSTRY SPONSORED SYMPOSIUM

5:00 – 6:00 PM POSTER SESSION COMPETITION / RECEPTION

SATURDAY, SEPTEMBER 8, 2023

7:00 AM – 12:00 PM Registration Hours

7:30 – 8:15 PM INDUSTRY SPONSORED BREAKFAST SYMPOSIUM

**8:30 – 9:30 AM NEW HORIZONS IN VASCULAR SURGERY SESSION 3
Moderators: Todd Vogel, Abby Rothstein, Michael Parker**

8:30am

DEBATE: Preoperative Treatment of Endoleaks During EVAR is Standard of Care

David Chew, MD - Iowa Heart Center

8:40am

DEBATE: Preoperative Treatment of Endoleaks During EVAR is a Waste of Money and Time

Cheong Lee, MD - Northshore University Health Systems

8:50am

Management of Pelvic Congestion Syndrome

Lindsey Korepta, MD - Loyola University Medical Center

9:00am

DEBATE: New Percutaneous Thrombectomy Devices: A Better Mouse Trap?

Tadaki Tomita, MD - Northwestern University

9:10am

DEBATE: Open Thrombectomy is Best

Joseph Hart, MD - Medical College of Wisconsin

9:20am - Panel Discussion

9:30 – 9:40am POSTER SESSION WINNER PRESENTATION

9:45 – 10:30 AM HONORARY GUEST LECTURE

Julie Ann Freischlag, MD, FACS, FRCSEd (Hon), DFSVS, MAMSE

Chief Executive Officer, Atrium Health Wake Forest Baptist

Chief Academic Officer, Advocate Health

Executive Vice President for Health Affairs, Wake Forest University

Medical Center Boulevard, Winston-Salem

10:30 – 10:45 COFFEE BREAK

10:45 - 11:45 PM	SCIENTIFIC SESSION 6 (Rapid Fire) Moderators: Loay Kabbani, Eanas Yassa, Tiffany Nguyen
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- 10:45 **41.**
Outcomes Of Arterial Bypass Using The Human Acellular Vessel (HAV) In Patients With Chronic Limb Threatening Ischemia
Sebastian Cifuentes, MD, Indrani Sen, MD, Fahad Shuja, MD, Bernardo C. Mendes, MD, Jill J. Colglazier, MD, Melinda Schaller, MD, Manju Kalra, MD, Jonathan Morrison, MD, Randall R. DeMartino, MD, Todd E. Rasmussen, MD
Mayo Clinic, Rochester, MN
- 10:50 **42.**
Autologous Bone Marrow Cell Therapy Reduces Opioid Dependence In Patients With Critical Limb Threatening Ischemia
Mackenzie Madison, MD, Justin L. Couetil, Katherin L. Leckie, MD, Hanaa Dakour-Aridi, MD, Humraaz S. Samra, MD, Kristen Wanczyk, RN, Raghu L. Motaganahalli, MD, Michael P. Murphy, MD
Indiana University, Indianapolis, IN
- 10:55 **43.**
Adherence To Reporting Standards For Endovascular Treatment Of Chronic Lower Extremity Peripheral Artery Disease- A Bibliographic Analysis
Neal Modi, Zachary Timmer, Aberdeen Taylor, Saideep Bose, MD, Angela Spencer, Matthew R. Smeds, MD
Saint Louis University School of Medicine, St. Louis, MO
- 11:00 **44.**
A Framework For Characterizing Delays In Urgent Peripheral Arterial Disease (PAD) Interventions
Andrew Pan Huang, MD, Peter Henke, MD, Chandu Vemuri, MD
University of Michigan, Ann Arbor, MI
- 11:05 **45.**
Index And Readmission Outcomes Pertaining To Anti-coagulated Patients Following Endovascular Aortic Repair (EVAR): A Nationwide Database Analysis
Matthew Leverich, Ahmed Abdelwahab, MD, Munier Nazzal, MD, Gang Ren, PhD, Mohamed Osman, MD
University of Toledo College of Medicine and Life Sciences, Toledo, OH

- 11:10 **46.**
Midterm Outcomes And Complication Rate Between Retroperitoneal And Transperitoneal Open Aortic Aneurysm Repair In Females.
 Ahmed A. Sorour, MD¹, Betemariam Sharew², Casey Kuka², James Bena², Ali Khalifeh, MD², Jon G. Quatromoni, MD², Jarrad W. Rowse, MD², Levester Kirksey, MD², Sean P. Lyden, MD², Francis J. Caputo, MD².
¹Department of Vascular Surgery, Heart Vascular and Thoracic Institute, Cleveland Clinic, Cleveland, OH, ²Cleveland Clinic, Cleveland, OH
- 11:15 **47.**
Routine Use Of Foley Catheters During Endovascular Aortic Repair Is Not Necessary
 Avital Simone, MD¹, Mathew Blecha, MD², Carlos F. Bechara, MD², Michael C. Sault, MD²
¹University of California at Irvine, Maywood, IL, ²Loyola University Chicago, Maywood, IL
- 11:20 **48.**
Use Of Inverted Limb In Conjunction With Zenith Fenestrated Stent Graft For Rescue Of Failed Previous Endovascular Repairs.
 Jesse Manunga, MD^{1,2}, Larissa I. Stanberry, PhD², Nedaa Skeik, MD², Muhammad Ali Rana, MD³
¹Minneapolis Heart Institute at Abbott Northwestern Hospital, Minneapolis, MN, ²Minneapolis Heart Institute Foundation, Minneapolis, MN, ³University of New Mexico, Albuquerque, NM
- 11:25 **49.**
Initial Analysis Of Computer-Aided Thrombectomy In The Management Of Proximal Acute Lower Extremity Deep Venous Thrombosis
 Joshua Nassir Hernandez, MD¹, Adam Reichard, MD¹, Mark Broering, MD¹, Brian Kuhn, MD¹, Aaron Kulwicki, MD¹, Matthew Recht, MD¹, Patrick Muck, MD¹, Audrey Muck²
¹Good Samaritan Hospital, Cincinnati, OH, ²Penumbra, San Francisco, CA
- 11:30 **50.**
Reporting And Analysis Of Race In Vascular Surgery Research
 Nalani A. Wakinekona, BA¹, Micah J. Rubin, BA², Margaret Reilly, MD², Bethany Canales, MPH³, Rodney Sparapani, PhD³, Mitchell Dyer, MD¹, Neel A. Mansukhani, MD^{1,2}
¹Medical College of Wisconsin, Milwaukee, WI, ²Northwestern University, Feinberg School of Medicine, Chicago, IL, ³Div. of Biostatistics, Institute for Health & Equity, Medical College of Wisconsin, Milwaukee, WI
- 11:35 **51.**
Video-Based Self-Assessment Is An Effective Method Of Open Surgical Education For Vascular Surgery Trainees
 Scot Stanulis, MD, Nicole Roberts, PhD, Tian Zhang, MD, William Robinson, MD, Khalil Qato, MD
 Southern Illinois University, Springfield, IL
- 11:40 **52.**
An Evaluation Of Patients Admitted With COVID-19 Requiring Upper Extremity Vascular Revascularization
 Maraya Camazine, MD, Vishwa Bhayani, Chase Schlesselman, Jonathan Bath, MD, Iris Zachary, PhD, Todd R. Vogel
 University of Missouri Hospitals & Clinics, Columbia, MO
- 11:45 **53.**
Single-center Experience With Jeti Hydrodynamic Thrombectomy System For Arterial Occlusions Of The Extremities
 Kaitlyn Dobesh, MD, JD¹, Chaitu Dandu², Alexandra Yorks², Kevin Onofrey, MD¹, Mitchell Weaver, MD¹, Timothy Nypaver, MD¹, Loay Kabbani, MD¹
¹Henry Ford Health, Detroit, MI, ²Wayne State University School of Medicine, Detroit, MI

11:50 AM

ADJOURN

GROUP 1

P1

Morbidity And Mortality Of Common Femoral Endarterectomy: Not Just A Benign Groin Operation?

Michael J. Chaney, MD¹, Gaurang Joshi, MD², Jose Cataneo Serrato, MD², Mohammed Rashid², Abraham Jacobs², Rym El Khoury, MD³, Chad Jacobs, MD², John White, MD², Lewis Schwartz, MD²

¹Western Michigan University, Kalamazoo, MI, ²Advocate Lutheran General Hospital, Des Plaines, IL, ³University of California San Francisco, San Francisco, CA

P2

Novel Application Of Iliac Branch Devices In Treatment Of Non-aortoiliac Aneurysmal Pathologies

Venkata Vineeth Vaddavalli¹, Bhavna Girdhani¹, S Keisin Wang, MD², Hanaa Dakour-Aridi, MD³, Katherin Leckie, MD³, Joel S. Corvera, MD³, Andres Fajardo, MD³, Raghu L. Motaganahalli, MD³.

¹Post Graduate Institute of Medical Education and Research, Chandigarh, India, ²University of Texas Health Science Center, Houston, TX, ³Indiana University School of Medicine, Indianapolis, IN

P3

Comparative Outcomes Of Endovascular Interventions For Isolated Popliteal Artery And Superficial Femoral Artery Atherosclerotic Disease

Armin Tabiei, Sebastian Cifuentes, MD, Randall R. DeMartino, MD, Manju Kalra, MD, Jill J. Colglazier, MD, Bernardo C. Mendes, MD, Todd E. Rasmussen, MD, Robert A. Vierkant, Fahad Shuja, MD

Mayo Clinic, Rochester, MN

P4

Treatment Modalities And Patient Outcomes Before And After The Moratorium Of Paclitaxel For Endovascular Treatment Of Peripheral Arterial Disease

Sebastian Cifuentes, MD, Armin Tabiei, Randall R. DeMartino, MD, Jill J. Colglazier, MD, Bernardo C. Mendes, MD, Todd E. Rasmussen, MD, Manju Kalra, MD, Sanjay Misra, MD, Robert Vierkant, Shuja Fahad, MD

¹Mayo Clinic, Rochester, MN

P5

Challenging Hybrid Revascularization With Superficial Femoral Artery Endarterectomy And Endovascular Stent In Patients At High Risk For Groin Complications

Shannon M. McDonnell, Jonathan H. Lin, MD, Carlos F. Bechara, MD

¹Loyola University Medical Center, Maywood, I

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