

MIDWESTERN VASCULAR 2022
47th Annual Meeting
September 15-17, 2022
JW Marriott & DeVos Place
Grand Rapids, MI

2022 PRELIMINARY PROGRAM
(As of 9/06/22)

THURSDAY, SEPTEMBER 15, 2022

6:00 – 6:00 PM	Registration Hours
7:00 – 8:30 AM	INDUSTRY APPRECIATION BREAKFAST <i>(JW Marriott – Invite only)</i>
7:00 – 11:30 AM	SIMULATION ASSESSMENT COURSE <i>(DeVos Place)</i>
8:45 – 11:15 AM	MVSS EXECUTIVE COUNCIL MEETING <i>(JW Marriott)</i>
11:30 – 12:20 PM	INDUSTRY SPONSORED LUNCH SYMPOSIUM <i>(DeVos Place)</i>
12:30 PM	WELCOME/INTRODUCTORY REMARKS Raghu Motaganahalli, MD, President

12:30 – 1:40 PM **SCIENTIFIC SESSION 1**

Moderators: Raghu Motaganahalli, MD; Loren Masterson, MD & Nolan Cirillo-Penn, MD *(Candidate)*

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|-------|-----|--|
| 12:30 | +1. | Evaluation of the Artegraft Conduit for Lower Extremity Revascularization: Retrospective Analysis of Outcomes When Used in the Situation of No Available Autologous Saphenous Vein for Conduit in Lower Extremity Bypass Procedures
<i>David A. Shanberg, MD, Karl Stark, MD, Scott Kujath, MD, Ingrid Hsiung, MD</i>
<i>Midwest Aortic & Vascular Institute (MAVI), Kansas City, MO</i> |
| 12:40 | +2. | Association of Frailty Score and Surgical Site Infection After Lower Extremity Revascularization
<i>Andrew Edsall, MD, Andrew Borgert, PhD, Alec Fitzsimmons, MPH, Irina Shakhnovich, MD</i>
<i>Department of Surgery, Gundersen Health System, La Crosse, WI</i> |
| 12:50 | +3. | Wound Complications Following Venous-arterial Ecmo Decannulation is Associated with Covid-19 Infection and Ipsilateral Dual Cannulation
<i>Aditya Safaya, MD, Sung Yang, MD, Joseph Giglia, MD, Jose Oyama Moura Leite, MD, PhD</i>
<i>University of Cincinnati, Cincinnati, OH</i> |
| 1:00 | +4. | Impact of Care Fragmentation After Major Lower Extremity Amputation
<i>Urie R. Braedon¹, Taylor Laskowski¹, Michele Richard, MD², Nikita Tihonov, MD², Daniel Katz, MD²,
Walter J. McCarthy, MD², Alexandre d'Audiffret, MD², Sungho Lim, MD³</i>
<i>¹Rush Medical College, Chicago, IL, ²Rush University Medical Center, Chicago, IL,
³Cardiovascular and Thoracic Surgery, Rush University Medical Center, Chicago, IL</i> |

- 1:10 †5. **Combined Antiplatelet and Novel Oral Anticoagulant Therapy is Increasingly Utilized But Associated with Worse Limb Outcomes and Equivalent Survival Compared to Antiplatelet And Warfarin and Antiplatelet Therapy Alone After Suprainguinal Bypass for Peripheral Artery Disease**
 Syed MR Zaidi, MD¹, Mojahid Ali, MD¹, Kristin Delfino, PhD², Sharon Kim, PhD², Tian Zhang, MD¹, Douglas Hood, MD¹, William P. Robinson, MD¹
¹Division of Vascular Surgery, Department of Surgery, Southern Illinois University School of Medicine, Springfield, IL, ²Center for Clinical Research, Southern Illinois University School of Medicine, Springfield, IL
- 1:20 †6. **Comparative Analysis of Outcomes of Endovascular Aortic Repair and Aortobifemoral Bypass For Aortoiliac Occlusive Disease**
 Benjamin Liu, BS, Chase Schlesselman, MPH, BS, Todd R. Vogel, MD, Jonathan Bath, MD
¹University of Missouri, Columbia, MO
- 1:30 †7. **Utilization of Preoperative Vein Mapping in Patients Undergoing Infra-inguinal Bypass is Associated with Increased Use of Venous Conduits**
 Abdul Kader Natour, MD¹, Alexander D. Shepard, MD¹, Timothy Nypaver, MD¹, Robert Cuff, MD², Nicholas J. Mouawad, MD³, Mark Mattos, MD⁴, Peter Henke, MD⁵, Loay Kabbani, MD¹
¹Henry for d Health System, Detroit, MI, ²Spectrum Health Butterworth Hospital, Grand Rapids, MI, USA, ³McLaren Health Care System, Bay City, MI, ⁴McLaren Health Care System, Flint, MI, ⁵University of Michigan Health, Ann Arbor, MI

1:40 – 2:00 PM **COFFEE BREAK (Visit Exhibits)**

2:00 – 3:10 PM **SCIENTIFIC SESSION 2**

Moderators: Bernadette Aulivola, MD; Irina Shakhnovich, MD & Ashley Penton, MD (Candidate)

- 2:00 †8. **Erector Spinae Block Reduces Opioid Use After Transaxillary First Rib Resection**
 Alex Marrone, MD, R James Valentine, MD, James Flaherty, MD¹, Amy B. Reed, MD
 University of Minnesota, Minneapolis, MN
- 2:10 †9. **Regional Variation in Patient Selection, Practice Patterns and Outcomes Based on Techniques for Carotid Artery Revascularization in the Vascular Quality Initiative**
 Hanaa Dakour Aridi, MD¹, Punit Vyas¹, Marc Schermerhorn², Mahmoud Malas, MD³, Vikram Kayshap, MD⁴, Raghu Motaganahalli, MD¹
¹Indiana University School of Medicine, Indianapolis, IN, ²Beth Israel Deaconess Medical Center, Boston, MA, ³University of California San Diego, San Diego, CA, ⁴University Hospitals Cleveland Medical Center, Cleveland, OH
- 2:20 †10. **Risk Factors for Lower Extremity Vascular Complications in Patients on Venous-arterial Extracorporeal Membrane Oxygenation**
 Chesney Siems, MD, R. James Valentine, MD, Julie Duke, MD, Melissa Brunsvold, MD, Amy B. Reed, MD
 University of Minnesota, Minneapolis, MN
- 2:30 †11. **Re-vascularization of Left Subclavian Artery May Not Influence the Incidence of Spinal Cord Injury After Endovascular Repair of Acute Type B Aortic Dissection**
 Abdul Kader Natour, MD, Alexander D. Shepard, MD, Mitchell Weaver, MD, Andy Peshkepija, MD, Timothy Nypaver, MD, Loay Kabbani, MD.
 Henry for d Health System, Detroit, MI

- 2:40 †12. **Incidence and Risk Factors for Interval Aortic Events During Staged Fenestrated-Branched Endovascular Aortic Repair**
Nolan C. Cirillo-Penn, MD¹, Emanuel R. Tenorio, MD², Luis C. Cajas, MD¹, Mario D'Oria, MD³, Bernardo C. Mendes, MD¹, Gustavo S. Oderich, MD², Randall R. DeMartino, MD¹
¹Mayo Clinic, Rochester, MN, ²University of Texas Health Science Center at Houston, Houston, TX, ³Trieste University Hospital ASUIGI, Trieste, Italy
- 2:50 13. **Genetic Risk Score Can Supplement Current Guidelines to Identify Patients at Elevated Risk for Abdominal Aortic Aneurysms**
David Jiang, MD¹, Zhuqing Shi, PhD², Jun Wei, PhD², Siqun L. Zhang, PhD², Brian Helfand, MD², Benjamin Lind, MD², William Yoon, MD², Omar Morcos, MD², Cheong J. Lee, MD², Jianfeng Xu, MD²
¹Surgery, University of Chicago Medicine, Chicago, IL, ²NorthShore University HealthSystem, Evanston, IL
- 3:00 14. **High Incidence of Type-2 Endoleak and Low Associated Adverse Events in the Vascular Quality Initiative Linked to Medicare Claims**
Neel A. Mansukhani, MD¹, Kellie R. Brown, MD¹, Xinyan Zheng², Jialin Mao, PhD², Philip P. Goodney, MD³, Andrew W. Hoel, MD⁴
¹Medical College of Wisconsin, Milwaukee, WI, ²Weill Cornell Medical College, New York, NY, ³Dartmouth-Hitchcock Medical Center, Lebanon, NH, ⁴Northwestern University, Chicago, IL

3:10 – 3:30 PM

COFFEE BREAK (Visit Exhibits)

3:30– 5:00 PM

NEW HORIZONS IN VASCULAR SURGERY SESSION 1

Moderators: John Rectenwald, MD, Neel Mansukhani, MD & Nathan Kugler, MD

(Candidate)

3:30pm

Is Atherectomy Ever Indicated?

Irina Shakhnovich, MD

Gundersen Health, La Crosse, WI

3:38pm

DEBATE: Asymptomatic High-Grade Carotid Stenosis Needs Surgery

Loay Kabbani, MD

Henry Ford Hospital, Detroit, MI

3:46pm

DEBATE: Leave My Neck Alone, Medical Management is Best for Asymptomatic Carotid Stenosis

Joseph Hart, MD

Medical College of Wisconsin, Milwaukee, WI

3:54pm

Should Uncomplicated EVAR Patients Be Discharged Day-of Surgery?

John Maijub, MD

Indiana University School of Medicine, Indianapolis, IN

4:02pm

DEBATE: Venous TOS: Transaxillary is the only Way to Go

Ashley Vavra, MD
Northwestern University, Chicago, IL

4:10pm

DEBATE: Venous TOS: Transaxillary is Dangerous and Shouldn't be Done

Naveen Balasundaram, MD
Balarath Corporation, Columbia, MO

4:18pm

Is This the Right Time to Open an OBL?

Robert Molnar, MD
Michigan Vascular Center, Flint, MI

4:26pm

Disparities in Vascular Disease Management

Vincent Rowe, MD
Keck Medicine of USC, Los Angeles, CA

4:41pm – Panel Discussion

5:00 – 6:30 PM WELCOME RECEPTION
5:30 – 6:30 PM POSTER COMPETITION SESSION

FRIDAY, SEPTEMBER 16, 2022

7:00 AM – 5:00 PM Registration Hours
7:00 – 8:00 AM CONTINENTAL BREAKFAST/VISIT EXHIBITS

8:00 – 9:30 AM SCIENTIFIC SESSION 3

Moderators: Joe Haurani, MD; Jill Colglazier, MD & David Lacznski, MD (Candidate)

- 8:00 §15. **Diminished Jarid1c Activity Alters Diabetic Wound Plasmacytoid Dendritic Cells and Impairs Tissue Repair**
Christopher O. Audu, MD, PhD, Sonya J. Wolf, PhD, William J. Melvin, MD, Amrita D. Joshi, PhD, Emily C. Barrett, MD, Kevin D. Mangum MD, PhD, Sriganesh B. Sharma, MD, PhD, Andrea T. Obi, MD, Katherine A. Gallagher, MD
University of Michigan, Ann Arbor, MI

- 8:10 ◇16. **Systematized Hybrid-based Paraclavicular Thoracic Outlet Decompression with Endovascular Reconstruction on ly for Venous Thoracic Outlet Syndrome Yields Excellent Results and Long-term Freedom from Anticoagulation**
Angela Miciura, MD, Jarred Napier, MD, Abdulhameed Aziz, MD
St. Joseph Mercy Health Ann Arbor, Ypsilanti, MI

† Szilagyi Award, § Guthrie Award, ◇ Pfeifer Award

- 8:20 §17. **Preventing Aortic Aneurysm Initiation and Expansion By Inducing Immune Tolerance to Aortic Specific Antigens Embedded in Biodegradable Poly(lactide-co-glycolide) Nanoparticles**
Michael D. Ingram, MD, Humraaz Samra, MD, Katherin Leckie, MD, Justin King, MD, Theresa Doiron, RMA, Leni Moldovan, PhD, Lili Zhang, Chang-Hyun Gil, PhD, Steven Miller, PhD, Michael P. Murphy, MD
Indiana University, Indianapolis, IN
- 8:30 ◇18. **Surgical Treatment Outcomes for Axillary-subclavian Vein Thrombosis Due to Venous Thoracic Outlet Syndrome**
Esmaeel Reza Dadashzadeh, MD, J. Westley Ohman, MD, Pavan Kavali, MD, Karen Henderson, RN, Danita Goestenkors, RMA, Robert Thompson, MD
Washington University, St. Louis, MO
- 8:40 ◇19. **Outcomes of A Single-center Experience in Eliminating Routine Postoperative Duplex Ultrasound Following Endovenous Ablation**
Erik Woodhouse, DNP, Paul DiMusto, MD
University of Wisconsin Hospitals & Clinics, Madison, WI
- 8:50 §20. **IFN β Regulates Abdominal Aortic Aneurysm formation by Modulating Expression of the Histone Methyltransferase SETDB2**
Kevin D. Mangum MD, PhD, Christopher O. Audu MD, PhD, Emily Barrett, MD, Amrita Joshi, PhD, Andrea T. Obi, MD, Johann Gudjonsson MD, PhD, Bethany Moore, PhD, Frank M. Davis, MD, Katherine Gallagher, MD
University of Michigan, Ann Arbor, MI
- 9:00 ◇21. **Initial Outcomes in Iliofemoral Stenting in Acute Vs Chronic Deep Venous Thrombosis**
L. Graham Rucker, MD, Brent Robertson, MD, Adam Reichard, MD, Emily Austin, MD, Patrick Muck, MD, Mark Broering, MD, Aaron Kulwicki, MD, Brian Kuhn, MD, Angie Fellner, PhD, Matthew Recht, MD
TriHealth, Cincinnati, OH
- 9:10 22. **Evaluating the Use of Glass, Wifi and Mac Scores As Predictors of Limb Salvage Success in Patients Receiving Free Tissue Transfer for Chronic Lower Extremity Wounds**
Hayden Schott, BS, Sarah Chiang, BS, MPH, Rachel Skladman, MD, MPH, Gayan De Silva, MD, Patrick Geraghty, MD, John Felder, MD
Washington University in St. Louis, St. Louis, MO
- 9:20 23. **Healthcare Disparities Involved in Establishing Functional Hemodialysis Vascular Access**
Shannon McDonnell, Jonah Frueh, Pegge Halandras, MD
Loyola University Medical Center, Maywood, IL

9:30 – 9:45 AM COFFEE BREAK (Visit Exhibits)

9:45 – 10:45 AM	SCIENTIFIC SESSION 4
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Moderators: Nicolas Mouawad, MD; Lindsay Korepta, MD & Hanna Dakour-Aridi (Candidate)

- 9:45 **24. The Role of the Lumbar Arteries in Aneurysm Sac Growth and Secondary Interventions Following Endovascular Aneurysm Repair (EVAR) for Infrarenal Abdominal Aortic Aneurysms (AAA)**
*Ryan Schmelter, DO¹, Maianh Tran, DO¹, Justin Song, BA², Jan Franko, MD¹, David Chew, MD^{1,3},
¹MercyOne Medical Center, Des Moines, IA, ²Des Moines University College of Osteopathic Medicine, Des Moines, IA, ³Iowa Heart Center, Des Moines, IA*
- 9:55 **25. Adverse Events Following Tevar Correlated to Novel Shape Metric**
*Kameel Khabaz, BS¹, Sanjeev Dhara, MD¹, Julius Kim, BS¹, Seth Sankary, MD¹, Cheong J. Lee, MD²,
Ross Milner, MD¹, Luka Pocivavsek, MD¹
¹University of Chicago, Chicago, IL, ²NorthShore University HealthSystem, Chicago, IL*
- 10:05 **26. Factors Causing Lower Extremity Ischemia Requiring Intervention Following Elective Endovascular Aneurysm Repair**
*Naveen Balasundaram, MBBS, FSVS¹, Vishruth Thaghalli Sunil Kumar, BS¹, Sadvika Ramji, MBBS²,
Lucy Sheahan, MD³, Catherine Gloss, MD¹, Todd R. Vogel, MD¹
¹University of Missouri, Columbia, MO, ²Cleveland Clinic Foundation, Cleveland, OH,
³University of California San Diego, San Diego, CA*
- 10:15 **27. Effect of Preservation of Antegrade Hypogastric Flow on Development of Claudication Following Aortoiliac Aneurysm Repair**
*Kyla Megan Bennett, MD¹, Landon Hurley, PhD², Jon S. Matsumura, MD¹, Tassos C. Kyriakides, PhD³,
Julie A. Freischlag, MD⁴
¹University of Wisconsin Madison, Madison, WI, ²Department of Veterans Affairs Medical Center, West Haven, CT, , ³West Haven VA Medical Center, West Haven, CT, ⁴Dean Wake Forest School of Medicine, Wake for est, NC*
- 10:25 **28. Incidence, Re-intervention and Survival Associated with Type Ii Endoleak After Elective Evar in the Vascular Quality Initiative**
*Randall DeMartino, MD¹, Dan Neal, MS², Matthew Breite, MD¹, Bernardo Mendes, MD¹,
David H. Stone, MD³, Jill Colglazier, MD¹, Salvatore Scali, MD²
¹Mayo Clinic, Rochester, MN, ²University of Florida, Gainesville, FL, ³Dartmouth-Hitchcock Medical Center, Lebanon, NH*
- 10:35 **29. POSTER COMPETITION WINNER PRESENTATION**
- 10:45 – 10:55 AM PRESENTATION OF RESEARCH AWARDS**
- 10:55 – 11:10 AM INTRODUCTION OF THE PRESIDENT**
Jeffrey Jim, MD MVSS President-elect
- 11:10 – 12:00 PM PRESIDENTIAL ADDRESS**
"Fabric of Vascular Surgery: Power of Passion and Perseverance"
Raghu Motaganahalli, MD
- 12:15 – 1:30 PM MVSS BUSINESS MEETING**

Moderators: Nicholas Osborne, MD; Tamer Boules, MD & Maxim Shaydakov, MD (Candidate)

- 1:30 **30. Popliteal Vein Compression Syndrome: A Rare Pathologic Entity**
Daniel Delgadillo, MD¹, Michelle L. Shu, BS², NavYash Gupta, MD¹
¹Cedars-Sinai Medical Center, Los Angeles, CA, ²UCLA David Geffen School of Medicine, Los Angeles, CA
- 1:35 **31. Open Bypass for Rapid Expansion of Saccular Left Common Carotid Artery Aneurysm in Takayasu's Arteritis Patient**
Janice Nam, BA¹, Lindsey Korepta, MD², Kala Zorn, MD², Jeffrey Schwartz, MD³
¹Loyola University Chicago Stritch School of Medicine, Maywood, IL, ²Loyola University Medical Center Division of Vascular Surgery, Maywood, IL, ³Loyola University Medical Center Division of Cardiothoracic Surgery, Maywood, IL
- 1:40 **32. Using an Iliac Branch Endoprosthesis to Salvage a Kidney Transplant in A Symptomatic Aortic Aneurysm**
Loay Aljaberi, MD, Jose Oyama Moura Leite, MD, Sung Yang, MD
University of Cincinnati Medical Center, Cincinnati, OH
- 1:45 **33. Coil Embolization of Persistent Type1 Endoleak**
Shahriar Alizadegan MD,FACS.
Vascular Surgery, Medical College of Wisconsin, Milwaukee, WI.
- 1:50 **34. Management of Intra-luminal IVC Tumor Extending Into the Heart**
Kristie Yu, MD, Aditya Safaya, MD, Amit Jain, MD
University of Cincinnati, Cincinnati, OH
- 1:55 **35. Angioinvasive Aspergillosis: A Rare Case of Aortic Graft Infection Causing Thromboembolism**
Ashley Penton, MD, Janice Nam, BA, Muhammad Saggagh, MD, Bernadette Aulivola, MD
Loyola University Medical Center, Maywood, IL
- 2:00 **36. Treatment of an Extracranial Carotid Artery Aneurysm with Flow Diverter Stents and Coil Embolization**
Abdur Jamal, MD, Brian Wheatley, MD
Vascular Surgery, Carle Health, Urbana, IL
- 2:05 **37. Aspiration Thrombectomy of Bilateral DVT in Management of IVC Atresia: A Case Report**
Kimberly Corbitt, DO, Jennifer Baker, MD
Vascular, Michigan Vascular Center/MSU, Flint, MI
- 2:10 **38. Gluteal and Thigh Compartment Syndrome After Open Abdominal Aortic Aneurysm Repair**
Alim Habib, BS¹, Matthew George, MD², Michael Go, MD², Kristine Orion, MD²
¹College of Medicine, the Ohio State University, Columbus, OH, ²The Ohio State University Wexner Medical Center, Columbus, OH

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

2:30 – 4:45 PM MEDICAL STUDENT PROGRAM

2:45 – 4:15 PM

NEW HORIZONS IN VASCULAR SURGERY SESSION 2

Moderators: Pegge Halandras, MD, Julie Duke, MD & Humraaz Samra, MD (Candidate)

2:45pm

DEBATE: IVL in the Femoral-popliteal Segment is Standard of Care

Trissa Babrowski, MD

University of Chicago, Chicago, IL

2:53pm

DEBATE: IVL in the Femoral-popliteal Segment is Wasteful

Mel Sharafuddin, MD

University of Iowa, Iowa City, IA

3:01pm

The No-option CLI Patient: Sympathectomy, Spinal Cord Stimulators, Etc

William Yoon, MD

Northshore University HealthSystem, Skokie, IL

3:09pm

Dialysis Access: Percutaneous AVF

Kyla Bennett, MD

University of Wisconsin-Madison, School of Medicine and Public Health, Madison, WI

3:17pm

Tibial/Pedal Intervention: How I Do It

William Robinson, MD

Southern Illinois University School of Medicine, Springfield, IL

3:25pm

Role of Hyperbaric Oxygen Therapy in 2022

Joseph Durham, MD

University of Chicago, Chicago, IL

3:33pm

Alternative Access: Radial, Axillary, Pedal, Transcaval

Courtney Morgan, MD

University of Wisconsin School of Medicine and Public Health, Madison, WI

3:41pm

Acute Limb Ischemia: Open, Lytics, Endo Suction, etc

Nathan Kugler, MD

Medical College of Wisconsin, Milwaukee, WI

3:49pm – Panel Discussion

4:15 – 5:15 PM

INDUSTRY SPONSORED SYMPOSIUM

SATURDAY, SEPTEMBER 17, 2022

7:00 AM – 12:00 PM Registration Hours

7:30 – 8:20 PM

INDUSTRY SPONSORED BREAKFAST SYMPOSIUM

8:30 – 9:30 AM

NEW HORIZONS IN VASCULAR SURGERY SESSION 3

Moderators: Joseph Karam, Natalie Weger, DO & Vamsi Potluri, MD (Candidate)

8:30am

Beyond ATTRACT - What Do We Do for Iliofemoral DVT?

Christopher Goltz, MD

Michigan Vascular Center, Flint, MI

8:38am

Beyond ATTRACT - What Do We Do for Femoral-popliteal DVT?

Julie Duke, MD

University of Minnesota, Minneapolis, MN

8:46am

Suction Thrombectomy for Endocarditis: Techniques and Outcomes

Sarah White, MD

Medical College of Wisconsin, Madison, WI

8:55am

Percutaneous Management of Large PE

Nicolas Mouawad, MD

McLaren Bay Region, Bay City, MI

9:03am

DEBATE: All Patients with Symptomatic Left Iliac Vein Compression Should be Stented

Adam Reichard, MD

TriHealth Vascular, Cincinnati, OH

9:11am

DEBATE: Stenting the Left Iliac Vein is Ridiculous

Michael Soult, MD

Loyola University Stritch School of Medicine, Maywood, IL

9:19am – Panel Discussion

9:30 – 10:45 AM

HONORARY GUEST LECTURE

Appropriateness in Vascular Care: When Good Results are not Enough

Peter F. Lawrence, MD

UCLA / Gonda Vascular Surgery

Los Angeles, CA

Introduced by: Jeffrey Jim, MD

10:45 – 11:00

COFFEE BREAK

Moderators: Jeffrey Jim, MD; Ross Milner, MD & Christopher Audu, MD (Candidate)

- 11:00 **39. Utilizing Micro-ct Imaging to Define Collagen Remodeling in Non-native Tissue Geometries**
Tanvi Subramanian, MD¹, Vandana Sampathkumar, PhD², Narayanan Kasthuri, MD, PhD², Luka Pocivavsek, MD, PhD¹;
¹Dept of Surgery, University of Chicago, Chicago IL; ²Dept of Neurobiology, University of Chicago, Chicago IL
- 11:05 **40. Is There a Role for Major Lower Extremity Amputation in Nonagenarians?**
Sarah Zaza, M¹, Kyla Bennett, MD
Department of Vascular Surgery, University of Wisconsin Hospital and Clinics, Madison, WI
- 11:10 **41. A Novel Risk Calculator to Identify Patients At Risk of Contrast Associated Acute Kidney Injury After Endovascular Abdominal Aortic Aneurysm Repair**
Drew J. Braet, MD, Jeremy Albright, PhD, Nicholas H. Osborne, MD, Peter K. Henke, MD
University of Michigan, Ann Arbor, MI
- 11:15 **42. Outcomes in Partial and Complete Explantation of Aortic Endografts for Endoleak**
Richard T. Rogers, MD, Jill J. Colglazier, MD, Mohammad Khasawneh, MD,
Randall R. DeMartino, MD, Fahad Shuja, MD, Bernardo C. Mendes, MD, Thomas C. Bower, MD,
Manju Kalra, MD.
Mayo Clinic, Division of Vascular and Endovascular Surgery, Rochester, MN
- 11:20 **43. Performance of the Emergency Surgery Score (ESS) for Non-elective Aortoiliac Endovascular Reconstructions**
*Naveen Balasundaram, MD, **Shubham Kanake, BS**, Riley Burgon, MD, Ankita Nallani, MD,*
Shahed Tish, MD, Todd R. Vogel, MD
University of Missouri, Columbia, MO
- 11:25 **44. Development and Initial Validation of A Modern Hemodynamics Laboratory**
Alan P. Sawchuk, MD¹, John Talamantes², Weichen Hong², Raghu Motaganahalli, MD¹,
Huidan Yu, PhD²
¹Indiana University, Indianapolis, IN, ²Indiana University Purdue University Indianapolis, Indianapolis, IN
- 11:30 **45. Extravascular Access Artery Closure Following Percutaneous Peripheral Intervention**
Rohan Kulangara, MD¹, Philip Bystrom, MD¹, Mitchell Piel², Michael Chaney², Rym El Khoury, MD³,
Chad Jacobs, MD¹, John V. White, MD¹, Lewis B. Schwartz, MD¹
¹Lutheran General Hospital, Advocate Healthcare, Park Ridge, IL, ²Rosalind Franklin University Chicago Medical School, Chicago, IL, ³University of California San Francisco, San Francisco, CA
- 11:35 **46. Impact of Preoperative Hemoglobina1c in Patients Undergoing Open Distal Vascular Procedures**
Abdul Kader Natour, MD¹, Alexander D. Shepard, MD¹, Mitchell Weaver, MD¹,
Timothy Nypaver, MD¹, Peter Henke, MD², Loay Kabbani, MD¹
¹Henry for d Health System, Detroit, MI, ²University of Michigan Health, Ann Arbor, MI

- 11:40 **47. Renal Recovery in Patients with Type B Aortic Dissections Who Underwent Aortic Stent Placement: A Retrospective Review**
Jake Nicholson, DO, Christina Maria Supino, DO, Eanas Yassa, MD
Spectrum Health/MSU, Grand Rapids, MI
- 11:45 **48. Percutaneous Endovascular Fistula Creation: A Viable Option in on e Center's Experience**
Puneet S. Bhatti, DO, Monica Ramaswamy, MD, Michael Perry, MD, Donna Bednarski, CNP,
Yevgeniy Rits, MD, Maciej Uzieblo, MD
Wayne State University/ Detroit Medical Center, Detroit, MI
- 11:50 **49. Incidence of Intracranial Aneurysms in Marfan Syndrome**
David J. Laczynski, MD, Siwei Dong, DO, Vidyasagar Kalahasti, MD, Levester Kirksey, MD,
Jarrad W. Rowse, MD, Jon G. Quatromoni, MD, Sean P. Lyden, MD, Christopher J. Smolock, MD,
Francis J. Caputo, MD
Cleveland Clinic Foundation, Cleveland, OH
- 11:55 **50. Interacting with Best Practice Advisory (bpa) Notifications in Epic Significantly Improves Screening Rates for Abdominal Aortic Aneurysms**
Amin Mohamed Ahmed, MD, Saideep Bose, MD, Matthew Breeden, MD, Matthew Smeds, MD
Saint Louis University, St. Louis, MO
- 12:00 **51. Disparity in Telemedicine Utilization By Vascular Surgery Patients**
Alexandre Christophe d'Audiffret, MD
University Medical Center, Chicago, IL
- 12:05 PM ADJOURN**

2022 SCIENTIFIC POSTER COMPETITION SESSION

GROUP #1

P1
Multidisciplinary Approach to Renal Cell Tumors with Inferior Vena Caval and Right Atrial Extension

Joel R. Hlavaty, MD, Mark Broering, MD, Brian Kuhn, MD, Aaron Kulwicki, MD, Matthew Recht, MD, Patrick Muck, MD
Good Samaritan TriHealth, Cincinnati, OH

P2
Extracranial Internal Carotid Artery Aneurysm - Case Reports

Shoaib Shafique, MD, Kate Dell, DNP
Ascension St Vincent, Indianapolis, IN

P3
Comparing PTFE and Cryo-Preserved Saphenous Vein Performance for Below the Knee Infrainguinal Bypass.

Richard Longfei Li, Jacob Gasienica, Zachary Osborne, MD, Brian Wheatley, MD, Brian Beeman, MD
Carle Illinois College of Medicine, Urbana, IL

P4
Multidisciplinary Hybrid Management of Uterine Leiomyoma with Multiple Arteriovenous Fistulae Causing A High Output Cardiac State in the Setting of Reed Syndrome

Bianca Kenyon, MD, Jesse Chait, DO, Andrew Stockland, Jamie Bakkum-Gamez, Jill Colglazier, MD
Mayo Clinic, Rochester, MN

† Szilagyi Award, § Guthrie Award, ◇ Pfeifer Award

P5

Symptomatic Carotid Stenosis Due to A Myxoma

Abdur Jamal, MD¹, Christopher Vetter, MD², Nikolaos Karagiorgos, MD³.

¹Vascular Surgery, Carle Foundation Hospital, Champaign, IL, ²Carle Foundation Hospital, Champaign, IL, ³Christie Clinic Vein and Vascular Center, Champaign, IL

P6

Symptomatic and Asymptomatic Carotid Interventions By Surgical Discipline and Effect on Surgical Trainee Volume

Lindsey Korepta, MD¹, Brandon Nguyen², Janice Nam², Carlos Bechara, MD¹, Michael Schneck, MD¹

¹Loyola University Medical Center, Maywood, IL, ²Loyola University Chicago Stritch School of Medicine, Maywood, IL

P7

Utility of Mynxgrip for Complex Vascular Access Cases

Callie Hamai, Shubham Kanake, Isaiah Chandr¹, Todd R. Vogel, Jonathan Bath, Naveen Balasundaram

¹University of Missouri, Columbia, MO

P8

Protein S Deficiency Causing An Unusual Case of Upper Extremity Acute Limb Ischemia

David A. Shanberg, MD, Scott Kujath, MD.

Midwest Aortic & Vascular Institute (MAVI), Kansas City, MO

P9

Massive Deep Vein Thrombosis Due to Agenesis of Inferior Vena Cava

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GROUP #2

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Endovascular Treatment of A Delayed Presentation Post-traumatic Anterior Tibial Artery Pseudoaneurysm in A Pediatric Patient

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Spontaneous Thrombosis of A Large Gastroduodenal Artery Aneurysm Causing Extrinsic Compression of the Extrahepatic Bile Duct

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P12

Glomus Vagale Tumor Involving Carotid Artery Case Report and Review

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P13

Chronic Mesenteric Ischemia, Renovascular Hypertension and Claudication Secondary to Coral Reef Aortic Plaque

Ahmad Abdelrazek, Thomas Bower, MD, Jill J. Colglazier, MD

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Delays to Surgery Increase Mortality and Limb Loss in Patients with Acute Limb Ischemia Treated with Open Thrombectomy

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Hybrid Management of Critical Limb Ischemia with Bioengineered Conduit

Peter B. Anderson, MD, Indrani Sen, Todd E. Rasmussen
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P16

Late Presentation of Iatrogenic Popliteal Artery Injury Following Total Knee Arthroplasty

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Endovascular Repair of Internal Iliac Artery Injury During Outpatient Discectomy

Matthew P. Anderson, Sarah E. Severance, Ashley R. Gutwein, Gregory Westin, Alok Gupta, John G. Majjub
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GROUP #3

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Endovascular Management of Partially Constrained Thoracic Endograft

Peter Anderson, MD, Bianca Kenyon, MD, Randall De Martino, MD
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P19

Congenital Absence of the Right Iliac System with Aneurysmal Degeneration of A Collateral Lumbar Artery: Diagnosis and Treatment

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Open and Endovascular Repair of Complex Aortic, Iliac and Femoral Anastomotic Aneurysms

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Percutaneous Endovascular Aneurysm Repair is Non-inferior to Open Based on National Data

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Ex-vivo Renal Artery Aneurysm Repair and Kidney Autotransplantation for Symptomatic Aneurysm

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The Impact of Physician Dependent Perioperative Variables on Long Term Survival Following EVAR

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Real-world Experience with Zenith TX-D Thoracic Dissection Stent System

Carolyn R. Postol, DO, Kush Sharma, MD, Eanas Yassa, MD

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Abdominal Aortic Aneurysm in Patient with Horseshoe Kidney

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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) Practice vascular surgery with a new knowledge base surrounding diversity, equity, and inclusivity issues with providers and their patients.
- 2) Identify important medical risk factors and their management for patients with peripheral artery disease and understand the impact of Covid-19 on PAD.
- 3) Describe the optimal treatment for patients with challenging abdominal aortic anatomy and understand how to treat patients most effectively with acute aortic syndromes.
- 4) Improve the delivery of care to patients by applying the latest advances in diagnosis and treatment of peripheral arterial disease, especially those with critical limb ischemia.
- 5) Recognize factors that influence the cost, value, and outcomes of carotid artery procedures.
- 6) Explain which patients can benefit from superficial and deep venous interventions.
- 7) Describe optimal techniques for the success and durability of dialysis access procedures.

ACCREDITATION STATEMENT

Pending