

VESS

Vascular & Endovascular Surgery Society

NEWSLETTER

Volume 16 • Issue 2 • Fall 2024



President's Corner by Misty Humphries, MD



This is one of my favorite times of the year. There is a crisp chill in the night air, mixed with the sun's glorious warmth during the day, and a chance to switch over to cozy sweaters and slippers. As much as Spring is associated with new things, I find fall is also. New partners are learning all the fun there can be as faculty surgeons compared to being trainees. For VESS, the fall is when applications are reviewed for the Travel, Medtronic Resident Research, and Boston Scientific Early Career Investigator Awards. This year, the Grants and Scholarship Committee, chaired by **Sam Tyagi**, have been hard at work reviewing these applications. The science VESS members are leading at their institutions is outstanding, and I am excited for us to announce the winners of these awards at the Winter Meeting in February.

Speaking of the Winter Meeting! Have you booked your travel to Breckenridge? **Bjorn Suckow**, chair of the Winter Program Committee, and his team have put together an exceptional program highlighting the work of young surgeons worldwide. The meeting will start on Thursday, February 6th. During the morning on Thursday, **Adam Doyle**, **Reshma Brambhatt**, **Genevieve Hayek**, and **Gabriela Velazquez** assembled sessions for Vascular Trainees, General Surgery Residents, Medical Students, and Early Career Faculty. I recall participating in the Vascular Trainee's session as a fellow and having hands-on experience in the vascular technology forum. Even now, as a faculty member, I love to volunteer for the tech forum to inspire trainees to step outside of their comfort zone and learn how to use new devices, which they can add to their toolboxes as they start their careers. In addition to our members' research, we will have an update on the AHA PAD guidelines by **Luke Brewster**, who represented the VESS on the writing committee.

President's Corner continued page 3

Call for Leadership Volunteers

The Vascular and Endovascular Surgery Society continues to grow and be THE Society for Early Career Vascular Surgeon. The Executive Council is pleased to announce an open Call for Volunteers to serve on one or more of the many VESS Committees. Both nominations of other members and self-nominations are invited. Active members in good standing are eligible to serve as are Candidate Members. Though not required, including a brief paragraph indicating why you would like to serve may be helpful to the Nominating Committee and Executive Council members who will consider all appointments.

Unless otherwise indicated, most terms begin following the annual winter meeting of each year with most committee business being conducted by conference call. In many instances, committee members rotate up to chair during their final year. Committee chairs and Society representatives are invited to attend the Executive Council meetings twice annually during the Annual Meeting in the winter and the spring meeting held at VAM.

Call for Leadership Volunteers continued page 2



Call for Leadership Volunteers

To volunteer visit the **VESS website**
(www.vesurgery.org/about/officers-committees)
by **Monday, January 13, 2025.**

The following committees have openings for nominations:

SPRING PROGRAM COMMITTEE

Committee members work collaboratively with the SVS Program Committee to select abstracts for the VESS spring meeting in conjunction with VAM. Term begins following the 2024 Spring Meeting

ANNUAL (WINTER) PROGRAM COMMITTEE

Committee members review and select abstracts for the Annual Meeting and assist in the development of the scientific program.

COMMUNICATIONS: WEBSITE/SOCIAL MEDIA SUB-COMMITTEE

Reviews existing website, suggest changes and updates and new ideas.

COMMUNICATIONS: NEWSLETTER SUB-COMMITTEE

Develop, write and review content for three issues of the VESS Newsletter annually.

DIVERSITY, EQUITY & INCLUSION COMMITTEE

The purpose of this committee is to identify and promote ways to address minority issues in vascular surgery and encourage women and minorities to actively participate in the Society and its committees. It is also responsible for fostering the VESS Mentor Program each year.

FUNDRAISING COMMITTEE

Research and implement comprehensive fundraising campaigns to support Society initiatives. Assist in the fundraising for the annual winter meeting. Help to identify industry with an interest in vascular surgery that may want to support the Society in some way.

GRANTS AND AWARDS COMMITTEE

Review applications and select winners for awards (Travel, Resident Research and Early Career Investigator). Also review any requests to survey the VESS membership and submit recommendation to the Executive Council.

MEMBERSHIP DEVELOPMENT COMMITTEE

Assist with member recruitment strategy when necessary. Review list of applicants and present nominations for membership to the Executive Council for review before final vote during the Annual Business Meeting.

BYLAWS COMMITTEE

Review the by-laws from time-to-time as directed by the Council and make recommendations regarding amendments. Assist with the development of official policies & procedures for Society business.

VASCULAR TRAINEE EDUCATION COMMITTEE

Develop programs (i.e. Fellows Program, General Surgery Resident Program) and address issues of vascular trainees.

STUDENT EDUCATION COMMITTEE

Develop program and address issues for medical students interested in a vascular surgery career. Work with the VESS VSIG.

49th Annual Meeting

Vascular & Endovascular Surgery Society 2025

FEBRUARY 6-9, 2025 | BEAVER RUN RESORT | BRECKENRIDGE, CO

REGISTRATION INFORMATION

Registration is now open!

Go to the Annual Winter Meeting link in the drop down list under the Meetings Tab on the Society's website (www.vesurgery.org). Scroll down to the Registration tab in the Blue Menu Bar.

The Deadline for Early Bird Registration is **Sunday, December 29, 2024**. Online Registration will close on **Sunday, January 26, 2025**. After this date, you will be able to register onsite.

Included in your registration fee are all scientific sessions, as well as any industry sponsored sessions, the Thursday Vascular Technology Forum, Welcome Reception and access to the Exhibit Hall.

HOTEL INFORMATION

HEADQUARTER HOTEL

Beaver Run Resort

620 Village Rd.
Breckenridge, CO 80424.

VESS has secured discounted room rates over the dates of the meeting. We have been told the block is close to selling out and the discounted rates may not be available. See below for overflow housing at two nearby hotels.

OVERFLOW HOTELS

VESS has secured discounted rates at the following hotels:
Reservation Cut-off Date is **Monday, January 6, 2025**.

Go to vesurgery.org/meetings/winter/#hotel-info for online booking

Residence Inn

(2.5 city blocks away - 10 min walk or shuttle/bus service)
600 S Ridge St, Breckenridge, CO 80424
(970) 453-1181
\$325.00++/night - * 3 night minimum stay required.
To make a reservation you can book online.

Village at Breckenridge

535 South Park Avenue, Breckenridge, CO 80424
(970) 453-2000
\$339.00++/night
To make reservations call 855-948-0690. Be sure to let them know you are booking in the VESS – Overflow Housing Feb 2025 and/or Group Code BBRVES25. Or book online.

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On Friday be sure to attend the special session in Artificial Intelligence which will showcase some abstracts and invited speakers. The afternoon special session will feature a number of Case Reports & Experts speaking to their Worst Cases. These tend to be great fun and generate thoughtful discussion about how to get oneself out of trouble, which is not hard to find in vascular surgery. Saturday, there will also be a session on Vascular Trauma led by **Mel Sharafuddin**, with **Erica Mitchell** as the invited speaker. I am keeping all the details of the dinner secret, so you will have to show up to experience all the fun. A second Case Report Session is scheduled for Saturday afternoon.

Finally, with advice from EC members last year, the Vascular Research Consortium has been working to develop the resident research fellowship. This 2-year program will provide partial funding for trainees to explore and develop ground-breaking research. We are so excited to have industry partners to help support this and an infrastructure to support research success.

I look forward to seeing you all soon, and happy holidays.

Misty D. Humphries, MD

UC Davis, Sacramento, CA

VESS 2025 Annual Meeting Preliminary Program

Thursday, February 6, 2025

7:00 am	Registration
7:00 am	Continental Breakfast
7:30 am – 12:00 pm	VASCULAR FELLOW PROGRAM
7:30 am – 12:00 pm	GENERAL SURGERY RESIDENT PROGRAM
7:30 am – 12:00 pm	STUDENT PROGRAM
7:30 am – 12:00 pm	EARLY CAREER FACULTY PROGRAM
12:00 pm – 1:00 pm	Lunch Break / Industry Sponsored Symposium BSCI
1:00 pm - 4:00 pm	VASCULAR TECHNOLOGY FORUM

4:15 pm – 6:15 pm **SCIENTIFIC SESSION I**

4:15 pm – 4:27 pm	Use Of A Wireless Pressure Sensor To Prevent Temporal Losses In Sub-bandage Pressure During Compression Therapy <i>Molly Calkins¹, Zachary Verzwylt², Salvatore Scali², Benjamin Jacobs², Scott Berceli², Scott Robinson³</i> ¹ Tufts Medical Center, Boston, MA; ² University of Florida, Gainesville, FL; ³ Maine Health, Portland, ME
4:27 pm – 4:39 pm	Expression Of The Peroxisome Proliferators-activated Receptors (ppars) In Ex Vivo Aortic Aneurysm Tissue And Its Association With Arterial Remodeling And Inflammatory Gene Expression <i>Carlos A Hinojosa, Javier E. Anaya-Ayala, Ivan Torre-Villalvazo, Gabriela Aleman, Brenda J. Galicia-Vega, Jacqueline Mejia-Cervantes, Ingrid A. Landero-Aguilar, Brenda Marquina-Castillo</i> <i>Instituto Nacional de Ciencias Medicas y Nutricion Salvador Zubiran, Mexico City, Mexico</i>
4:39 pm – 4:51 pm	Paravisceral Transaortic Endarterectomy: A Case Series At A Quaternary Care Center <i>Sayed Pairawan, Alexander Shepard, Mitchell Weaver, Andi Peshkepja, Kevin Onofrey, Yasaman Kavousi, Timothy Nypaver, Loay Kabbani</i> <i>Henry Ford Health, Detroit, MI</i>
4:51 pm – 5:03 pm	Operative Considerations And Long-term Outcomes Of Resection Of Primary Inferior Vena Cava Leiomyosarcoma With Or Without Caval Reconstruction <i>Hamza Hanif, Ross M. Clark, Bridget Fahy, Muhammad A. Rana, Itzhak Nir</i> <i>University of New Mexico, Albuquerque, NM</i>
5:03 pm – 5:11 pm	Bypass Versus Endovascular Therapy In Chronic Limb Threatening Ischemia With Tissue Loss Requiring Infra-popliteal Interventions <i>Randall A Bloch¹, Alex Lin¹, Elisa Caron¹, Scott G Prushik¹, Katie E Shean¹, Marc L Schermerhorn², Mark F Conrad¹</i> ¹ St. Elizabeth's Medical Center, Boston, MA; ² Beth Israel Deaconess Medical Center, Boston, MA
5:11 pm – 5:19 pm	Medical Centers With Vascular Surgery Training Programs Are More Likely To Utilize Autologous Vein And Vein Mapping <i>Hassan Chamseddine, Loay Kabbani, Timothy Nypaver, Mitchell Weaver, Tamer Boules, Alexander Shepard</i> <i>Henry Ford Hospital, Detroit, MI</i>
5:19 pm – 5:27 pm	Factors Associated With Limb Occlusion In The Long-term After Endovascular Aortic Repair <i>Jayne Raven Rice¹, Grace Wang¹, Olamide Alabi², Naveen Balasundaram¹</i> ¹ University of Pennsylvania, Philadelphia, PA; ² Emory University School of Medicine, Atlanta, GA
5:27 pm – 5:39 pm	Long Term Outcomes Of The WavelinQ Device For Minimally Invasive AVF Creation <i>Elizabeth M D'sa¹, Gavin Christy¹, David P Ebertz¹, Mark Zemela², Alejandro C Alvarez¹, Matthew R Smeds¹</i> ¹ Saint Louis University School of Medicine, Saint Louis, MO; ² Cooper University Health Care, Camden, NJ
5:39 pm – 5:51 pm	5-year Outcomes After Fenestrated Evar In Octogenarians <i>Rohan Basu, Joshua Davis, Mackenzie Madison, Hanaa Dakour-Aridi, Ashley Gutwein, John Majjub, Andres Fajardo</i> <i>Indiana University, Indianapolis, IN</i>
5:51 pm – 6:03 pm	Amputation Recovery In The Unhoused Population <i>Rylie O'Meara, Thomas Quigley, Akshita Gorantla, Pegge Halandras</i> <i>Loyola University Medical Center, Maywood, IL</i>
6:03 pm – 6:15 pm	Open Aortic Repair Demonstrates Better Long-term Survival Than Endovascular Aortic Repair Regardless Of Frailty <i>Zach M Feldman¹, Xinyan Zheng², Jialin Mao³, Brandon J Sumpio¹, Brandon Gaston¹, Nikolaos Zacharias¹, Sunita D Srivastava¹, Phil P Goodney⁴, Matthew J Eagleton¹, Abhisekh Mohapatra¹</i> ¹ Massachusetts General Hospital, Boston, MA; ² Weill Cornell Medical College, New York, NY; ³ Weill Cornell Medicine, New York, NY; ⁴ Dartmouth-Hitchcock Medical Center, Lebanon, NH
6:15 – 6:25 pm	AHA PAD Guidelines Update Luke Brewster, MD
6:30 – 7:45	WELCOME RECEPTION All attendees, guests & exhibitors are welcome.

Friday, February 7, 2025

6:00 am – 7:00 am Continental Breakfast in the Exhibit Hall

6:00 am – 9:30 am Registration

7:00 am – 9:04 am SCIENTIFIC SESSION II

7:00 am – 7:12 am **Projected Survival Benefit Of Fenestrated Endovascular Aneurysm Repair Versus Conservative Management For Complex Abdominal Aortic Aneurysms In Patients With Limited Expected Survival**

*Hataka R Minami, Erin K Greenleaf, Besma J Nejm, Neal R Barshes
Baylor College of Medicine, Houston, TX*

7:12 am – 7:24 am **Smoking Cessation Adjuncts Are Cost Effective Prior To Elective Revascularization**

*Hasan Nassereldine, Katherine M. Reitz, Mikayla N. Lowenkamp, Michael C. Madigan, Rabih A. Chaer, Edith Tzeng, Kenneth J. Smith, Natalie D. Sridharan
UPMC, Pittsburgh, PA*

7:24 am – 7:36 am **Two Year Results In Forty Patients With The Venovalue For Deep Venous Insufficiency**

*Matthew R Smeds¹, Marc Glickman², David Dexter³, Eric Hager⁴, Cassius Iyad Ochoa Chaar⁵
¹Saint Louis University, St. Louis, MO; ²EnVeno Medical Corporation, Irvine, CA; ³Sentara Vascular Specialists, Norfolk, VA; ⁴University of Pittsburgh School of Medicine, Pittsburgh, PA; ⁵Yale University, New Haven, CT*

7:36 am – 7:48 am **Radiation Reduction Strategies In Endovascular Repair Of Complex Thoracoabdominal Aneurysms**

*Yash Pandya, Muhammad Mazroua, Michel Makaroun, Nathan Liang
UPMC, Pittsburgh, PA*

7:48 am – 7:56 am **Preliminary Results Of Utilizing Cine Angiography As An Alternative Modality During Visceral Vessel Cannulation To Reduce Radiation Exposure During F/BEVAR's**

*Nikunj N Donde, Bret R Akins, Misty Humphries, Steven Maximus
University of California, Davis, Sacramento, CA*

7:56 am – 8:04 am **Beyond Race and Geography: Exploring Factors in Non-Traumatic Lower Extremity Amputations Through a Single Institution Analysis**

*Hanaa Aridi, Mackenzie Madison, Rohan Basu, Mohineesh Kumar, Andrew A. Gonzalez, Greg Westin, Raghu Motaganahalli, Michael P. Murphy
Indiana University, Indianapolis, IN*

8:04 am – 8:12 am **Outcomes Of Interventions To Salvage The Jailed Profunda Femoris In CLTI**

*Mark G Davies¹, Joseph P Hart²
¹Ascension Health, Waco, TX; ²Medical College of Wisconsin, Milwaukee, WI*

8:12 am – 8:24 am **Robotic Median Arcuate Ligament Release May Offer Superior Symptom Improvement To Laparoscopic Release**

*Kayla Fay, Jennifer Stableford, Jesse Columbo, David Stone, David Finley
Dartmouth Hitchcock Medical Center, Lebanon, NH*

8:24 am – 8:36 am **Outcomes Of Median Arcuate Ligament Release And Celiac Plexus Neurolysis In 72 Patients With Median Arcuate Ligament Syndrome**

*David Grafton Kirk, Hannah Barone, Benjamin Starnes
University of Washington, Seattle, WA*

8:36 am – 8:48 am **Glp-1 Receptor Agonists Associated With Improved Survival After Infrainguinal Bypass In Diabetic Patients**

*Elonay Yehualashet, Muhammad S Mazroua, Marissa C Jarosinski, Nathan L Liang, Michael C Madigan, Rabih A Chaer, Natalie D Sridharan
University of Pittsburgh Medical Center, Pittsburgh, PA*

8:48 am – 8:56 am **Comparison Of Surgical Approaches And Prediction Of Symptom Improvement For Neurogenic Thoracic Outlet Syndrome**

*Drew J Braet¹, Rija Awan², Thomas Basala¹, Alex Jog¹, Christopher Johnson-Harwitz¹, Justin Rodriguez¹, Amina Tanweer¹, Chandu Vemuri², Robert J Beaulieu²
¹University of Michigan, Ann Arbor, MI; ²University of Michigan, Ann Arbor, MI*

8:56 am – 9:04 am **Predictive Patient Factors Impacting Lower Extremity Dialysis Patency: A Tool To Guide Decision Making For Creation Of New Av Access**

*David P Ebertz¹, Gavin Christy¹, Saideep Bose¹, Jeffrey Siracuse², Matthew R Smeds¹
¹St Louis University, St Louis, MO; ²Boston University Chobanian & Avedisian School of Medicine, Boston, MA*

9:15 am – 10:15 am SPECIAL SESSION: ARTIFICIAL INTELLIGENCE

SS1: Natural Language Processing to Identify Abdominal Aortic Aneurysm Diameter In The VA System

*Garrett Healy¹, Clay Quintz²,
¹University of Colorado School of Medicine, Aurora, CO; ²Rocky Mountain Regional Veterans Affairs, Aurora, CO*

SS2: Comparative Performance of Clinician and Computational Approaches in Forecasting Adverse Outcomes In Intermittent Claudication

Bharadhwaj Ravindhran, Joseph Cutteridge, Sean Pymer, Jonathon Prosser, Arthur Lim, Murad Hemadneh, Shahani Nazir, Abduraheem Mohamed, Ross Lathan, Brian Frederick Johnson, George Smith, Daniel Carradice, Ian C Chetter Hull York Medical School, Hull, United Kingdom

3 Invited Talks TBA

1:00 pm – 3:00 pm CASE REPORTS & EXPERTS WORST CASES SESSION

CR1: Distal Brachial And Radial Artery Muscular Entrapment In An Athlete

Branson Taheri, Shawn Fortin, Alex Ebinger, Fraser Leversedge, Max Wohlauer University of Colorado, Aurora, CO

CR2: Axillary Artery Pseudoaneurysm Repair In A Neonate

*Alexandra Gobble, Kyongune B Lee
Ohio State University, Columbus, OH*

CR3: Near Complete Amputation—Worth Salvage?

*Chinmayee Potti, Benjamin Lee Kyongjune
The Ohio State University, Columbus, OH*

CR4: Unique Repair Of A Mycotic Extent IV TAAA Using Visceral Branching Technique

*Seyed S Pairawan, Alexander D Shepard, Loay Kabbani, Andi Peshkepja
Henry Ford Health, Detroit, MI*

CR5: Idiopathic Aortorenal Junction To Renal Vein Arteriovenous Fistula Managed With Fenestrated Endograft And Renal Artery Stenting

*Max Murray-Ramcharan, Amarseen Mikael, Aaron Dank, Nakul Rao, S. Christopher Frontario, Thomas Bernik
Englewood Health, Englewood, NJ*

CR6: A Novel Approach To Middle Aortic Syndrome

*Tej Amit Sura, Michael Sabarese, Vincent Narvaez, Luis Rodriguez Cartegena, Gregg Landis
Zucker School of Medicine at Hofstra/Northwell, New Hyde Park, NY*

+(3 Invited Worst Cases)

3:00 pm – 4:00 pm Coffee/Snacks – Visit Exhibitors

4:00 pm – 6:00 pm SCIENTIFIC SESSION III

4:00 pm – 4:12 pm **Distal Extent Of Dissection Increases Risk Of Malperfusion Syndromes And Need For Reoperation In Patients With Acute Type B Aortic Dissection**
*Michelle N Manesh¹, Helen A Potter², Alexander D DiBartolomeo¹, Sukgu M Han¹, Alyssa J Pyun¹, Niema Pahlevan¹, Gregory A Magee¹
¹University of Southern California, Los Angeles, CA; ²University of Buffalo, Buffalo, NY*

4:12 pm – 4:24 pm **Outcomes Of Surgical Decompression For Popliteal Artery Entrapment Syndrome**
*Armin Tabiei, Jill J. Colglazier, Manju Kalra, Fahad Shuja, Todd E. Rasmussen, Randall R. DeMartino
Mayo Clinic, Rochester, MN*

4:24 pm – 4:36 pm **More Than One In Four Patients Undergo Peripheral Vascular Intervention For Claudication Without Any Preoperative Testing In The Outpatient Setting**
*Terrence C Tsou¹, Chen Dun¹, Midori White¹, Katherine M McDermott¹, Yuan-Haw A Wu¹, Jeffrey J. Siracuse², James H. Black, III¹, Martin A. Makary¹, Caitlin W. Hicks¹
¹Johns Hopkins School of Medicine, Baltimore, MD; ²Boston Medical Center, Boston, MA*

4:36 pm – 4:48 pm **Survival Benefit Of Deceased Donor Kidney Transplantation Among Patients With Peripheral Artery Disease**
*Li Ting Tan¹, Amber B Kernodle², Sile Yu¹, Katherine McDermott¹, Midori White¹, Courtenay M Holscher³, Ying Wei Lum¹, Dorry Segev⁴, Allan B Massie⁴, Elizabeth A King¹, James H Black, III¹, Caitlin W Hicks¹
¹Johns Hopkins University, Baltimore, MD; ²Brigham and Women's Hospital, Boston, MA; ³Johns Hopkins Bayview Medical Center, Baltimore, MD; ⁴NYU Grossman School of Medicine, New York, NY*

4:48 pm – 4:56 pm **Emergency Management Of Arteriovenous Fistulas And Graft Bleeds**
*Andrea Alonso¹, Sula Frausto², James Blum¹, Ijeoma Okafor¹, Khuaten Maaneb de Macedo¹, Alik Farber¹, Elizabeth King¹, Elissa M Schechter-Perkins¹, Brian J Yun¹, Jeffrey J Siracuse¹
¹Boston University, Boston, MA; ²Perelman School of Medicine, Philadelphia, PA*

4:56 pm – 5:04 pm **Comparison Of Carotid Endarterectomy And Transcarotid Artery Revascularization In High Cervical Lesions**
*Ezra Y Koh¹, Hanaa Dakour-Aridi², Mackenzie Madison², Arash Keyhani¹, Kourosh Keyhani¹, Raghu Motaganahalli², Andres Fajardo², Keisin Wang¹
¹UT Houston, Houston, TX; ²Indiana University, Indianapolis, IN*



5:04 pm – 5:12 pm	Analysis Of Small Abdominal Aortic Aneurysms With The Radiotracer Technetium-99m- 6-hydrazinylnicotinoyl -c-c-chemokine Receptor-2 Ligand (^{99m}Tc-hynic-ccr2-l) With Single-photon Emission Computed Tomography (SPECT) <i>Carlos A Hinojosa¹, Javier E. Anaya-Ayala¹, Brenda J Galicia-Vega¹, Eleazar Ignacio-Alvarez¹, Jacqueline Mejia-Cervantes¹, Ingrid A. Landero-Aguilar¹, Gillermina Ferro-Flores², Brenda Gibbens-Bandala²</i> ¹ Instituto Nacional de Ciencias Medicas y Nutricion Salvador Zubiran, Mexico; ² Instituto Nacional de Investigaciones Nucleares, Mexico, Mexico
5:12 pm – 5:24 pm	Early Experiences In Robotic-Assisted Laparoscopic Inferior Vena Cava Filter Removal: Case Series <i>Jacob B Watson, Charudatta Bavare, Koyal Ansingkar, Alan B Lumsden</i> Houston Methodist Hospital, Houston, TX
5:24 pm – 5:36 pm	Comparison Of In-person And Virtual Integrated Vascular Surgery Residency Interviews From Applicant Perspective <i>Arash Fereydooni, Andrea Fisher, Lucy Yang, Jaosn T Lee, Elizabeth L George, Michael D Sgroi, Venita Chandra</i> Stanford, Stanford, CA
5:36 pm – 5:48 pm	Arm Vein Is Superior To Polytetrafluoroethylene In Infrainguinal Bypass To The Tibial Vessels <i>Hassan Chamseddine¹, Alexander Shepard¹, Mohamad Chahrour², Timothy Nypaver¹, Mitchell Weaver¹, Yasaman Kavousi¹, Kevin Onofrey¹, Tamer Boules¹, Jamal J. Hoballah³, Loay Kabbani¹</i> ¹ Henry Ford Hospital, Detroit, MI; ² Iowa Hospitals and Clinics, Iowa, IA; ³ American University of Beirut Medical Center, Beirut, Lebanon
5:48 pm – 6:00 pm	Recanalization In Large Diameter Saphenous Veins After Thermal Ablation: A Restrospective Review Of Vascular Quality Initiative Data <i>Vivek Anand Pisharody, Jonathan Gunasti, Ines Garcia, Ravi R Rajani, Christopher R Ramos, Manuel Garcia-Toca, Jaime Benarroch-Gampel</i> Emory University, Atlanta, GA
6:00 pm	VESS MEMBER BUSINESS MEETING

Saturday, February 8, 2025

6:00 am – 7:00 am	Continental Breakfast in the Exhibit Hall
6:00 am – 9:30 am	Registration

7:00 am – 9:00 am SCIENTIFIC SESSION IV

7:00 am – 7:12 am	Expanding Access To Vascular Imaging: Preliminary Results From The Development Of A Remote Surveillance Device <i>Sean A Perez¹, Muyang Lin¹, Sai Zhou¹, Destiny Frederic², Erik Kistler¹, Andrew Barleben¹, Mahmoud Malas¹, Sheng Xu², Elsie Ross¹</i> ¹ University of California San Diego Health, La Jolla, CA; ² University of California San Diego School of Medicine, La Jolla, CA
7:12 am – 7:24 am	Salvage Of Failing Abdominal Aortic Aneurysm Repairs With Fenestrated Endovascular Aortic Repair <i>Rohan Basu, Joshua Davis, Mackenzie Madison, Hanaa Dakour-Aridi, Ashley Gutwein, John Majjub, Andres Fajardo</i> Indiana University, Indianapolis, IN
7:24 am – 7:36 am	Transradial Approach In Malfunctioning Arteriovenous Access <i>Agastya Vaidya¹, Rahman Sayed¹, Rithva Ramesh¹, Ashley Choi¹, Neil Patel¹, Jeffrey Indes², Evan Lipsitz¹, Paul Lajos¹</i> ¹ Albert Einstein College of Medicine, Bronx, NY; ² Lahey Hospital & Medical Center, Burlington, MA
7:36 am – 7:48 am	Outcomes Of Zone 0 Tevar And Hybrid Arch Repair Compared To Open Aortic Arch Replacement <i>John J Kanitra¹, John B Eisenga¹, Kyle A. McCullough², William P Shutze³, Mazin I Foteh³, William T. Brinkman³</i> ¹ Baylor University Medical Center, Dallas, TX; ² Baylor Scott and White Research Institute, Plano, TX; ³ Baylor Scott & White The Heart Hospital - Plano, Plano, TX
7:48 am – 7:56 am	Transaxillary First Rib Resection In Adolescent Patients With Thoracic Outlet Syndrome <i>Jyi Cheng Ng¹, Li Ting Tan², Courtenay Holscher², Caitlin W Hicks², Ying Wei Lum²</i> ¹ Mayo Clinic, Rochester, MN; ² Johns Hopkins University School of Medicine, Baltimore, MD
7:56 am – 8:04 am	Routine Postoperative Serum Laboratory Tests After Endovascular Aneurysm Repair <i>Baqir J Kedwai, Ferda Tan, Irina Kanzafarova, Karina Newhall, Doran Mix, Michael Stoner, Grayson Pitcher</i> University of Rochester Medical Center, Rochester, NY
8:04 am – 8:12 am	Access To Care And The Impact On Outcomes In Acute Limb Ischemia Patients <i>Micaella R Zubkov, Zhixin Lun, Donald L Jacobs, Mark Nehler, Jeniann Yi</i> University of Colorado, Denver, CO
8:15 am – 9:00 am	AWARD SESSION (7 min presentations)



9:00 am – 9:15 am **Introduction of the President**
Ravi Rajani, MD

9:15 am – 10:00 am **PRESIDENTIAL ADDRESS**
Misty Humphries, MD

10:30 am – 12:30 pm **ROUND TABLE DISCUSSION: VASCULAR TRAUMA**
Moderator: **MelSharafuddin, MD**

(10:30-11:00) **Invited Speaker**
Erica Leith-Mitchell, MD

(11:00-11:10) **Vascular Trauma Nightmare Case**
Mel Sharafuddin, MD

(11:10-11:30) **Featured Abstracts:**

Covered Endovascular Repair of The Aortic Bifurcation In The Setting Of Blunt Abdominal Injury Resulting In Polytrauma Micaela Cuneo¹, Christian Goei¹, Kevin Kniery², Marlin W Causey²

¹Brooke Army Medical Center, Ft Sam Houston, TX; ²Brooke Army Medical Center, Ft Sam Houston, TX

Is Anticoagulation for Thoracic Endovascular Repair Safe In Patients With Concomitant Traumatic Brain Injury And Blunt Thoracic Aortic Injury? Victor

Andujo¹, Benjamin Chou², Eni Nako¹, Samantha Durbin¹, Scott Mcloud¹, Phillip Jenkins¹, Siran Abtin¹, Cherrie Abraham¹, Gregory Moneta¹, Julie Doberne¹, Martin Schreiber¹

¹Oregon Health & Science University, Portland, OR; ²University of Oklahoma, Oklahoma City, OK

(11:30-12:30) Open Floor Interactive Q/A

1:00 pm – 3:00 pm **CASE REPORTS & WORST CASE SESSION**

CR7 Replaced Right Hepatic Artery Pseudoaneurysm Presenting With Gastrointestinal Bleed: Management Strategies

Chason Farnell¹, Benjamin Chou¹, Joshua Gierman¹, Benjamin Greif¹, Michael Li²

¹University of Oklahoma, Oklahoma City, OK; ²University of Oklahoma College of Medicine, Oklahoma City, OK

CR8 Intussusception Of An Ileo-mesenteric Bypass Graft Causing An Enteric Fistula

Nicolas A Stafforini, Janice Nam, Blake Murphy, Rebecca Sorber, John Scott, Erika Bisgaard, Niten Singh
University of Washington, Seattle, WA;

CR9 Giant Splenic Aneurysm Repair With A Staged Hybrid Approach

Blaz Podgorsek, Kourosh Keyhani, Akiko Tanaka, Keisin Wang, Arash Keyhani
UTHealth Houston, HOUSTON, TX

CR10 Left Subclavian Artery Mycotic Pseudoaneurysm Following First Rib Osteomyelitis: Diagnosis And Management Strategies

Kristina Scott, William P Browne, Benjamin Greif, Joshua Gierman, Benjamin Chou
University of Oklahoma Health Sciences Center, Oklahoma City, OK

CR11 Robotic Assisted Laparoscopic Ligation Of Inferior Mesenteric And Lumbar Arteries For Treatment Of Type 2 Endoleak

Charudatta B Bavare, Jacob Watson, Rahul Ghosh, Matthew Kenny, Alan B Lumsden
Houston Methodist Hospital, Houston, TX

CR12 Deep Venous Arterialization As A Treatment For Embolic Acute Limb Ischemia
Alejandra Rodriguez, Antonio Solano, Sofia Babool, Suyue M Zhang, Michael C Siah
University of Texas Southwestern Medical Center, Dallas, TX

3 Invited Worst Case Talks

3:00 pm Registration Re-Opens

3:00 pm – 4:00 pm Coffee/Snacks – Last Chance to Visit Exhibitors

4:00 pm – 6:00 pm **SCIENTIFIC SESSION V**

4:00 pm – 4:12 pm **Toe Brachial Indices Are An Accurate Peripheral Artery Disease Screening Tool In Vascular Deserts**
Carolina Aparicio¹, Caitlin Hicks², Clara Gomez-Sanchez³, Aaron Zaldana¹, Tomas Alamin³, Leigh Ann O'Banion¹
¹University of California San Francisco, Fresno Campus, Fresno, CA; ²Johns Hopkins University, Baltimore, MD; ³University of California San Francisco, San Francisco, CA

4:12 pm – 4:24 pm **Hospital And Program Support Staff Affect Educational Experience And Wellbeing Of Trainees**
Margaret A. Reilly¹, Christina L. Cui², Eric B. Pillado¹, Ruoqia D. Li³, Joshua S. Eng⁴, Leanne E. Grafmuller⁵, Kathryn L DiLosa⁶, Allan M Conway⁷, Guillermo A Escobar⁸, Palma M. Shaw⁹, Yue-Yung Hu¹, Karl Y Bilimoria⁴, Malachi G. Sheahan¹⁰, Dawn M. Coleman²
¹Northwestern University, Chicago, IL; ²Duke University, Raleigh, NC; ³Loyola University, Chicago, IL; ⁴Indiana University, Indianapolis, IN; ⁵University of Rochester, Rochester, NY; ⁶University of California Davis Health, Sacramento, CA; ⁷University of California San Francisco, San Francisco, CA; ⁸Emory University, Atlanta, GA; ⁹SUNY Upstate Medical University, Syracuse, NY; ¹⁰Louisiana State University, New Orleans, LA

4:24 pm – 4:36 pm **Impact Of Preoperative Ldl Level On Lower Extremity Revascularization Outcomes**
Warren J Carter, Uma Alappan, Ashwin Chetty, Nicholas Wells, Dana Alameddine, Martin D Slade, Stephen Possick, Cassius Iyad Ochoa Char
Yale School of Medicine, New Haven, CT

4:36 pm – 4:48 pm **Multi-institutional Study Of Outcomes From Portal Vein Reconstruction During Pancreatic Cancer Surgery**
Suma Gondi¹, Madeleine McSpadden¹, Chase Schlesselman², Michael Williams², Kristen Dougherty², Kyla M Bennett³, Leah M Gober³, Jonathan Bath¹
¹University of Missouri, Columbia, MO; ²St. Louis University, St. Louis, MO; ³University of Wisconsin, Madison, WI

4:48 pm – 4:56 pm **Risk Factors And Consequences Of Bleeding Complications After Transcarotid Artery Revascularization In The Vascular Quality Initiative**
Christina L Cui, Laura B Pride, Young Kim
Duke University, Durham, NC

4:56 pm – 5:04 pm **Left Subclavian Artery Revascularization In TEVAR Has Increased Since FDA Approval Of The Gore Thoracic Branch Endoprosthesis**
Y.H. Andrew Wu¹, Chen Dun¹, Midori White¹, Terrence Tsou¹, Katherine McDermott¹, Sara Zettervall², Sukgu Han³, Andres Schanzer⁴, James H. Black, III¹, Caitlin W. Hicks¹
¹Johns Hopkins Hospital, Baltimore, MD; ²University of Washington, Seattle, WA; ³Keck Medical Center of University of Southern California, Los Angeles, CA; ⁴University of Massachusetts Chan Medical School, Worcester, MA

5:04 pm – 5:12 pm **Antithrombotic Therapy In Patients With Atrial Fibrillation Undergoing Peripheral Vascular Interventions**
Shreef Said, Dana Alameddine, Edouard Aboian, David Strosberg, Britt Tonnessen, Jonathan Cardella, Raul J Guzman, Cassius Iyad Ochoa Char
Yale University, School of Medicine, New Haven, CT

5:12 pm – 5:24 pm **Stent Diameter, Not Sex, Is Predictive Of Reintervention After Common Iliac Artery Stenting**
Mikayla N Lowenkamp¹, Katherine M Reitz¹, Natalie Sridharan¹, Mohammad Eslami², Michael C Madigan¹
¹UPMC, Pittsburgh, PA; ²Charleston Area Medical Center, Charleston, WV

5:24 pm – 5:36 pm **Impact Of Antiplatelet And Anticoagulation Therapy On Hemodialysis Reliable Outflow (HERO) Graft Patency**
Christina L Cui¹, Tristen T Chun¹, Charles Y. Kim¹, Ellen D Dillavou², Mitchell W Cox³, Kevin W Southerland¹, Young Kim¹
¹Duke University Medical Center, Durham, NC; ²WakeMed Health System, Raleigh, NC; ³University of Texas, Medical Branch, Galveston, TX

5:36 pm – 5:48 pm **The Two-decade Experience Of Onco-vascular Reconstruction In Patients With Retroperitoneal Sarcoma**
Anita Zahiri¹, Arash Fereydooni¹, Emily Eshraghian¹, Milan Ho², Daniel Delitto³, Byrne Lee³, George Poultsides³, Jeffrey Norton³, E. John Harris¹, Elizabeth Leigh George¹
¹Division of Vascular and Endovascular Surgery, Stanford University School of Medicine, Palo Alto, CA; ²UT Southwestern Medical School, Dallas, TX; ³Section of Surgical Oncology, Stanford School of Medicine, Palo Alto, CA

5:48 pm – 5:56 pm **Localization Of Noncompressible Torso Hemorrhage Using Minimally Invasive Endovascular Techniques To Detect Battlefield Relevant Injuries In Swine (sus Scrofa): A Pilot Study**
Micaela Cuneo¹, Ashley Flinn Patterson¹, Anna Rogalska², Maria Navarro¹, Christian Goei¹, Theodore Hart³, Jason Rall⁴, Marlin W Causey³
¹Brooke Army Medical Center, Ft Sam Houston, TX; ²University of Texas Health Science Center San Antonio, San Antonio, TX; ³Brooke Army Medical Center, Ft Sam Houston, TX; ⁴59th Medical Wing, Lackland Air Force Base, TX

5:56 pm – 6:04 pm **Inflammatory Cytokine And Chemokine Changes Following Mesenteric Revascularization: A Pilot Study**
Brett Salomon¹, Tiffany Johnson², Ryan Taylor², Mitchell Goldman², Deidra Mountain², Michael R Buckley²
¹Massachusetts General Hospital, Boston, MA; ²University of Tennessee Medical Center Knoxville, Knoxville, TN;

7:00 pm – 10:00 pm **PRESIDENT'S DINNER**

VESS 5th Annual Virtual Residency Fair



Dr. Genevieve Hayek
Washington University
St. Louis, St. Louis, MO

On Tuesday, September 26, 2024, the VESS hosted its 5th Annual Virtual Residency Fair. This event was established to facilitate communication between medical students, program directors, faculty and residents from around the country during the pandemic. Feedback from medical students was overwhelmingly positive.

The VESS thanks the 140 medical students who registered for the event. You are the future of our specialty! We also acknowledge the program coordinators, program directors, and surgeons representing 35 residency programs around the country for your generosity of time and unwavering commitment to student education. Thank you!

The event was kicked off with a welcome from the chairwoman of the medical student education committee, **Genevieve Hayek, MD**, and **Misty Humphries, MD**, current VESS president. The information session featured 3 panel discussions that included moderators and residents from various training programs across the country, and generated a lot of meaningful discussion for the participants. Medical students were able to ask questions to the panelists regarding the topics of the application process, how to prepare for a virtual interview and making a Rank List and Matching. After this Q&A session, students were able to take time to visit many of the incredible programs who participated in the event.

Trainee Corner



Dr. Paul Rothenberg
PGY IV General Surgery Resident
West Virginia University

The field of vascular surgery continues to evolve rapidly with ever expanding endovascular technologies. Researching and understanding patient outcomes data identifies areas for improvement in the quality of vascular care provided to patients. As surgical trainees, our experiences in quality improvement and research varies. The Vascular Quality Initiative (VQI) recognized a need for trainees interested in vascular surgery quality improvement research and established the VQI Fellow-in-Training (FIT) program, a formal mentored training program in quality improvement.

I spent the 2023-2024 academic year as the West Virginia University Medicine Heart and Vascular Institute (HVI) inaugural research fellow. My time was spent working closely with HVI faculty on both qualitative and quantitative research. I also underwent formal research training, obtaining a Master's degree in Clinical and Translational Science. This program focused on the process of conducting research, formalizing many concepts I had learned along the way.

Concurrently, I was granted the opportunity to join the FIT program for 2023-2024, which enhanced my research endeavors. The program consisted of monthly meetings with lectures on various topics related to quality improvement and large data base research. The remainder of the time was spent discussing individual projects using the VQI database. Sometimes research can be isolating, yet hearing from my peers and sharing challenges brought our group together. The shared advice among our group was invaluable to me and provided insights on how to handle challenges along the way.

My year culminated in my attendance at VQI at the Society for Vascular Surgery's Vascular Annual Meeting 2024 in Chicago, Illinois. There, I learned how the entire VQI database runs. I developed a deeper appreciation for how data is captured, inputted into the database and the sheer amount of personnel and time it takes to abstract the data into the database. Many of the presentations focused on improving length of stay and patient follow-up. Listening to these presentations underscored the importance that QI teams understand the data, implement change, and sustain process improvement. That cemented that QI cannot happen in a vacuum. Moving forward, I foresee incorporating quality improvement research into my surgical training and practice. The VQI FIT program was a great foundation in both knowledge and mentorship for my vascular surgical career.



Looking for a Mentor? Look No Further!

VESS Mentorship Program Facilitates Career Development for Young Surgeons

MENTORSHIP PROGRAM OVERVIEW

Mentorship is one of the most important tools for professional development and has been linked to greater productivity, career advancement, and professional satisfaction. The VESS Mentorship Program aims to promote career and leadership development for early career vascular surgeons. All active members of the VESS within 10 years of training or candidate members in their last year of training are encouraged to apply.



Through a one-year young surgeon/leader match, the program will pair early career vascular surgeons with mentors who are more experienced colleagues, to provide young surgeons with opportunities to further develop leadership skills and obtain guidance for achieving specific career goals. This program also will foster engagement in the Vascular and Endovascular Surgery Society (VESS).

For more information and to submit an application, Visit our website: www.vesurgery.org/resources/find-a-mentor

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1. Meipatay BP, Quril K, Anwar T, et al. A systematic review of covered balloon-expandable stents for treating aortic/occlusive disease. J Vasc Surg. 2020;72(4):1473-1486.e2. doi: 10.1016/j.jvs.2020.01.084. Epub 2020 Apr 28.

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