ANNUAL MEETING

The Annual Meeting of the Vascular and Endovascular Surgery Society (VESS) brings together internationally recognized, fellowship-trained vascular surgeons. The VESS remains the only national vascular organization devoted to young vascular surgeons and trainees.

The VESS provides the premiere forum to promote the field of vascular and endovascular surgery through education, advocacy and leadership. The objective of this comprehensive Annual Meeting is to provide those attending with the knowledge of current thinking in effective clinical management of vascular disorders and insight into the future directions from critical analysis of investigative findings.

The program consists of standard papers, rapid fire papers and case reports to review challenging clinical issues.

DATES & LOCATION

The 45th Annual Meeting of the Vascular and Endovascular Surgery Society will be held January 21-24, 2021 at the Sun Valley Resort in Sun Valley, ID – a convenient 14-miles from Friedman Memorial Airport (SUN).

TARGET AUDIENCE

The Society uniquely serves the young, fellowship-trained vascular surgeon. The Annual Meeting attracts vascular surgeons, fellows, residents, medical students and allied health professionals from across the country and abroad.

LEARNING OBJECTIVES

This activity is designed for vascular surgeons and associated health care workers involved in the management of patients with vascular disease. Upon completion of this course, attendees should be able to:

• Understand the risks of stent graft oversizing during TEVAR
• Evaluate impact of tibial bypass conduit type on long term patency
• Quantify the charges of creating and maintaining hemodialysis access
• Review pharmacologic management of iliac vein stent placement
• Evaluate trends in reimbursement for femoropopliteal atherectomy and appropriateness of care
• Assess effects if symptom type and time of symptom onset on outcomes following carotid endarterectomy
• Review feasibility of virtual examinations for vascular surgery trainees
• Understand contemporary outcomes after infected aortic graft resection
• Evaluate outcomes of selective versus routine spinal drain use for fenestrated EVAR

CME CREDITS

CME credit will be provided for this educational activity. The final number will be posted on the VESS website (www.vesurgery.org) once approved.
REGISTRATION

2021 ANNUAL MEETING

In order to follow social distancing and other safety guidelines, we are limited to 168 in-person attendees. That is the maximum number of seating the ballrooms will allow.

Registration options include:

**REGISTER TO ATTEND IN-PERSON:**
- In-person registration is on a first-come, first-serve basis. You will be put on a waitlist once this option is full. Should a spot open up, we will notify you ASAP.

**REGISTER TO ATTEND VIRTUALLY:**
- We will broadcast all presentations via livestream in real-time during the conference dates. You will be able to ask speakers questions and access all resources from speakers and exhibitors online.
- Should you wish to take advantage of our group discount hotel rates at Sun Valley Resort and on ski lift tickets, but not attend in-person sessions, you can register to attend the meeting virtually and tune into presentations from your hotel room. Note: Virtual attendees will not be able to attend any in-person events, including meals.

Register online for either of these event options at www.vesurgery.org. **All registrations must be completed by Friday, January 8, 2021.**

**REGISTRATION FOR THE LIVE/IN-PERSON MEETING**

<table>
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<th>CATEGORY</th>
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<th>REGISTRATION DEADLINE: 12/19/20 - 01/8/21</th>
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*Letter of verification from institution required. Letter must be emailed to vess@administrare.com

**REGISTRATION FOR ONLINE/VIRTUAL MEETING**

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**PRESIDENT’S DINNER TICKET**

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**CANCELLATION POLICY**

We are committed to providing you with a safe, valuable and fun experience at our meeting. Due to the limited number of in-person registrations and possible sell out situation, we regret the VESS will be unable to refund your registration fee if you cancel your registration. If VESS needs to cancel the meeting for any reason, we will refund your registration fee, but you will be responsible for any travel-related costs incurred (flight & hotel deposits, etc.).
HOTEL INFORMATION

LODGING
The VESS has secured group discounted room rates at both the Sun Valley Lodge and the Sun Valley Inn.

SUN VALLEY LODGE: The legendary Sun Valley Lodge has been reborn. Guests are presented with an entirely new experience with 108 new and much larger guestrooms, a 20,000 square foot destination spa, a world-class fitness center and yoga studio, a glass enclosed outdoor pool and pool café, and all new re-imagined and re-appointed restaurants, lounges, lobbies and event space.

SUN VALLEY INN: The Sun Valley Inn opened its doors in 1937 and is still where to stay if you’re looking for a welcoming and stylish place to lay your head. Now boasting a full convention center, the Inn has gracious European-inspired décor with the finest fabrics, carpeting and wall coverings. Guests can head to the Ram restaurant for a gourmet bite and sip on a cocktail in the lounge, while the Village Station offers family-friendly food and fun. An exercise room adjoins the outdoor pool.

Reservations must be made by 5:00 pm (Eastern) on Friday, December 18, 2020 to guarantee the group rate and can be made by contacting the Sun Valley Resort guest reservation at line 800-786-8259. After this deadline, or if the VESS block of rooms sells out prior to the above mentioned deadline, availability and rates cannot be guaranteed. Please mention the VESS 2021 Annual Meeting to ensure the discounted rate.

We strongly recommend making your reservations as early as possible. We anticipate selling out of our discounted rooms early.

Check-in time is 4:00pm. Check-out time is 11:00am. Guests arriving before 4:00 pm will be accommodated as rooms become available.

ROOM TYPE - ALL ROOMS ARE RUN OF HOUSE

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<tr>
<td>Inn - Two Queen Beds</td>
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Group rates will be honored three days prior and three days following the VESS meeting based on availability.

CANCELLATION POLICY
Individual attendees who cancel more than thirty days prior to arrival will receive a deposit refund, less a $25 processing fee. Individual attendees who cancel within thirty days of arrival will forfeit the entire deposit.
TRAVEL INFORMATION

SUN VALLEY, IDAHO
Nestled in the spectacular Rocky Mountains of central Idaho, most of the action takes place around the Sun Valley Resort and its two mountains: Bald Mountain, ideal for expert skiers or snowboarders looking for steep, challenging runs, and Dollar Mountain, with gentle slopes that are perfect for beginners. Off the slopes, more winter fun awaits. Try dog sledding through miles of white powder or spend an afternoon ice fishing in the Big Wood River. Warm up at the Ketchum/Sun Valley Heritage and Ski Museum which features an exhibit on the history of skiing and information about Ernest Hemingway’s time in Sun Valley.

AIRPORT
Sun Valley is served by Hailey’s Friedman Memorial Airport (SUN). It’s located 14-miles from the resort and is easily accessible from the gateway cities of San Francisco (SFO), Seattle (SEA), Los Angeles (LAX), Salt Lake City (SLC), Denver (DEN), and Chicago (ORD).

AIRPORT SHUTTLE SERVICE
Sun Valley Resort offers courtesy transportation for guests staying at the resort from/to Friedman Memorial Airport and the Sun Valley Resort. For more information contact Bell Service (208) 622-2122 or email svshuttle@sunvalley.com. Reservations must be made to guarantee a seat upon arrival.

TRANSPORTATION AROUND SUN VALLEY
Part of the adventure of Sun Valley is getting around. You won’t need your car, because it’s just a short stroll to just about anything you could want to see, do or eat. Or you could hop on the Mountain Rides complimentary bus service for transportation throughout the Wood River Valley, including round trips from the Village to both Dollar and Bald mountains and to the towns of Ketchum and Elkhorn Springs.
Thursday, January 21, 2021

7:00 am  Continental Breakfast

7:25 am – 12:30 pm  VASCULAR FELLOW PROGRAM
Moderator: Joanelle Lugo, MD

7:25 am – 12:30 pm  STUDENT PROGRAM
Moderator: John Rectenwald, MD

12:30 pm – 1:30 pm  Fellows/Students Lunch

1:30 pm – 3:30 pm  TECHNOLOGY FORUM – DIDACTIC & HANDS-ON
Moderator: Jordan Stern, MD

4:00 pm – 6:00 pm  SCIENTIFIC SESSION

4:00 pm – 4:15 pm
1  Stent Graft Oversizing is Associated with an Increased Risk of Long Term Left Ventricular Wall Thickening in Young Patients Following TEVAR
Marissa C. Kuo, Richard A. Meena, Christopher R. Ramos, Jaime Benarroch-Gampel, Bradley G. Leshnower, Yazen Duwayri, William D. Jordan, Jr., Ravi R. Rajani - Emory University School of Medicine, Atlanta, GA

4:15 pm – 4:30 pm
2  The Intraoperative Vascular Assist: Essential to Urgent Surgical Care
Cassandra Soto¹, Sally Tarabey¹, Charles Hamilton¹, Michael A. Ciaramella¹, Alexander Malanowski¹, Saum Rahimi², William Beckerman¹ - ¹Robert Wood Johnson Medical School, Rutgers University, New Brunswick, NJ; ²Robert Wood Johnson University Hospital, New Brunswick, NJ

4:30 pm – 4:45 pm
3  Popliteal Vein External Banding for Treatment of Chronic Venous Insufficiency
Shayna Brathwaite, Ravi Rajani - Emory University, Atlanta, GA

4:45 pm – 5:00 pm
4  Impact of Tibial Bypass Conduit on Long-Term Patency and Survival in the Vascular Quality Initiative
Varun Dalmia, Matthew Carnevale, Patricia Friedmann, Jeffrey Indes, Evan Lipsitz, John Futchko, Issam Koleilat - Albert Einstein College of Medicine, Bronx, NY

5 (RF)  Management and Outcomes after Upper Versus Lower Extremity Vascular Trauma
Lindsay Gallo, LeslieAnn S. Kao, Christopher R. Ramos, Ravi R. Rajani, Jaime Benarroch-Gampel - Emory University, Atlanta, GA

5:00 pm – 5:10 pm
5  The Intraoperative Vascular Assist: Essential to Urgent Surgical Care
Cassandra Soto¹, Sally Tarabey¹, Charles Hamilton¹, Michael A. Ciaramella¹, Alexander Malanowski¹, Saum Rahimi², William Beckerman¹ - ¹Robert Wood Johnson Medical School, Rutgers University, New Brunswick, NJ; ²Robert Wood Johnson University Hospital, New Brunswick, NJ

5:10 pm – 5:20 pm
6  Quantifying the Charges of Creating and Maintaining Hemodialysis Access in an All-Payer Rate-Controlled Health System
Rebecca Sorber¹, Joseph K. Canner¹, Christopher J. Abularrage¹, Paula K. Shireman², Dorry L. Segev¹, James H. Black, III¹, Karen Woo¹, Caitlin W. Hicks¹ - ¹Johns Hopkins School of Medicine, Baltimore, MD; "University of Texas Health San Antonio Long School of Medicine & The South Texas Veterans Health Care System, San Antonio, TX; "UCLA School of Medicine, Los Angeles, CA

5:20 pm – 5:30 pm
7  Redo Hemodialysis Access in Elderly Patients has Acceptable Outcomes with Similar Patenty of Arteriovenous Fistulas as Compared to Grafts
M. Libby Weaver¹, Courtenay M. Holscher¹, Rebecca A. Sorber², Thomas Reifsnyder¹ - ¹University of Florida, Gainesville, FL; "The Johns Hopkins University School of Medicine, Baltimore, MD; "Johns Hopkins Bayview Medical Center, Baltimore, MD
Adjunctive False Lumen Intervention for Aortic Dissection is Safe but Offers Unclear Benefit

Rae S. Rokosh, Neal Cayne, Jeffrey J. Siracuse, Virendra Patel, Thomas Maldonado, Caron Rockman, Michael E. Barfield, Glenn Jacobowitz, Karan Garg - NYU Langone Health, New York, NY; "Boston Medical Center, Boston, MA; Columbia University Irving Medical Center, New York, NY

Trends in Pharmacologic Management for Iliac Venous Stent Placement

Daniel Veyg, Mustafa Alam, Windsor Ting - NYIT College of Osteopathic Medicine, Glen Head, NY; Icahn School of Medicine at Mount Sinai, New York, NY

Medicare Reimbursement Trends 2012 - 2017 for Femoral Popliteal Arterectomy and Stenting: High Reimbursement Amount Possibly Incentivizing Inappropriate Medical Provider Care?

Matthew Hafner, Bassel Bashjwais, Joel Crawford - Saint Barnabas Medical Center, Livingston, NJ; SUNY Upstate, Syracuse, NY; Sutter Medical Foundation, Roseville, CA

Racial and Regional Disparities in the Utilization of Preventative Care Strategies Among Patients with Peripheral Artery Disease and Diabetes

Mark Anthony Eid, Kunal Mehta, Jonathan Aaron Barnes, Zachary Wanken, Barbara Gladders, Andrea M. Austin, Mark A. Creager, Marc P. Bonaca, Mark W. Feinberg, David H. Stone, Philip P. Goodney - Dartmouth-Hitchcock Medical Center

High Mortality and Venous Thromboembolism Risk Following Major Penetrating Abdominal Venous Injuries

Maha H. Haqqani, Scott R. Levin, Jeffrey A. Kalish, Alik Farber, Tejal S. Brahmbhatt, Aaron P. Richman, Jeffrey J. Siracuse, Douglas W. Jones - Boston Medical Center, Boston University School of Medicine, Boston, MA; University of Massachusetts Medical Center, Worcester, MA

Effect of Symptom Type and Time from Symptom Onset on Outcomes Following Carotid Endarterectomy

Jinny Lu Beth, Chun Li, Livia de Guerre, Kirsten Dansey, Ruby Lo, Fahad Shuja, Marc Schermerhorn - Israel Deaconess Medical Center, Boston, MA; Brown University, Providence, RI; Mayo Clinic, Rochester, MN

Feasibility of Virtual Examinations for Vascular Surgery Trainees

Mark Zemela, Brigitte Smith, Rafael Majgor, Matthew R. Smeds - Saint Louis University, St. Louis, MO; University of Utah, Salt Lake City, UT; University of Colorado, Aurora, CO

Effects of Statin and Antiplatelet Therapy on Mortality Rates in Abdominal Aortic Aneurysm Patients

Hunter S. Boudreau, Juliet Blakeslee-Carter, Novak Zdenek, Emily L. Spangler, Adam W. Beck - University of Alabama at Birmingham, Birmingham, AL
SCIENTIFIC PROGRAM

8:20 am – 8:30 am
16 (RF)
Benefits of Acute Normovolemic Hemodilution in Open Aortic Aneurysm Repair
Nathan Droz¹, Christopher Vo¹, Katherinne Morrow¹, Behzad Farivar¹, Francis Caputo¹, Sean Lyden¹, Jia Lin¹, Christopher Smolock¹ - ¹Cleveland Clinic, Cleveland, OH; ²Case Western Reserve University School of Medicine, Cleveland, OH

8:30 am – 8:45 am
17
Outcomes of Carotid Endarterectomy and Carotid Artery Stenting in Functionally Dependent and Independent Patients
Ahsan Zil-E-Ali¹, Victoria Kusztos², Faisal Aziz¹ - ¹Penn State College of Medicine, Hershey, PA; ²Albert Einstein College of Medicine, New York, NY

8:45 am – 9:00 am
18
Initial Post-Operative Visit Absenteeism is Associated with Worse Amputation-Free Survival after Tibial Angioplasty
Anthony N. Grieff, Sapna Syal, William E. Beckerman, Justin Ady, ShihYau Huang - Rutgers Robert Wood Johnson, New Brunswick, NJ

9:15 am – 10:30 am
Industry Symposium – TBA

10:30 am – 12:30 pm
ROUND TABLE SESSION
Women in Vascular Surgery
Moderator: Jeannie Ruddy, MD

1:00 pm – 3:00 pm
ROUND TABLE SESSION
Case Presentation Session

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

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

4:00 pm – 4:15 pm
19
Underutilization of Palliative Care for Patients with Advanced Peripheral Arterial Disease
Mimmie Kwong, Eleanor E. Curtis, Matthew W. Mell - U.C. Davis, Sacramento, CA

4:15 pm – 4:30 pm
20
The Fundamentals of Vascular Surgery: When Do Vascular Trainees Achieve Basic Open Surgical Competency?
Malachi Sheahan¹, Alykhan Lalani¹, Jason Lee¹, Murray Shames³, David Rigberg³, Bryan Cass¹, Claudie Sheahan¹, Jean Bismuth⁵ - ¹Louisiana State University Health Sciences Center, New Orleans, LA; ³Stanford University, Stanford, CA; ⁵University of South Florida, Tampa, FL; ¹University of California Los Angeles School of Medicine, Los Angeles, CA; ²Houston Methodist Hospital, Houston, TX

4:30 pm – 4:345 pm
21
A Reappraisal of CT Angiography Derived Duplex Ultrasound Velocity Criteria with a Comparison to Digital Subtraction Angiography in Patients with Carotid Artery Stenosis
Christian Dohring, Joshua T. Geiger, Adam J Doyle - University of Rochester Medical Center, Rochester, NY

4:45 pm – 5:00 pm
22
Outcomes of Arterial Grafts for the Reconstruction of Military Lower Extremity Arterial Injuries
Robert B. Laverty⁶, Anne O’Shea⁴, Thomas J. Walters², David S. Kauvar¹ - ¹Brooke Army Medical Center, JBSA Fort Sam Houston, TX; ²US Army Institute of Surgical Research, JBSA Fort Sam Houston, TX

5:00 pm – 5:10 pm
23 (RF)
Patients with Chronic Limb Threatening Ischemia Prioritize Mobility over Pain, Support Systems, Wounds, or Mental Health
Bjoern Suckow¹, Sarah Bessen¹, Dorothy Hebb¹, Glyn Elwyn, David Stone¹, Jesse Columbo¹, Philip Goodney¹ - ¹Dartmouth-Hitchcock Lebanon, NH; ²Dartmouth Institute for Health Policy & Clinical Practice, Lebanon, NH
5:10 pm – 5:20 pm
The Impact of Comorbid Depression on Mortality and Amputation Risk in Patients with Chronic Limb Threatening Ischemia
Tara Zielke1, Michael Wesolowski2, Melissa D’Andrea1, Bernadette Aulivola3 - 1Loyola Stritch School of Medicine, Maywood, IL; 2Loyola University of Chicago Health Sciences, Maywood, IL; 3Loyola University Medical Center, Maywood, IL

5:20 pm – 5:30 pm
Risk Analysis Index: When is the Patient Too Frail to Undergo a Carotid Artery Endarterectomy?
Sally Boyd1, Kedar S. Lavingia2, Wayne Tse3, Michael Amendola2 - 1Virginia Commonwealth University, Richmond, VA; 2Central Virginia VA Health Care System, Richmond, VA

5:30 pm – 5:45 pm
Predictors of Adherence to Antihypertensive Therapy Among Patients Treated for Acute Type-B Aortic Dissections
Benjamin S. Brooke, Claire L. Griffin, Jason P. Glotzbach, Shardool Patel, Larry W. Kraiss - University of Utah, Salt Lake City, UT

5:45 pm – 6:00 pm
Contemporary Outcomes after Partial Resection of Infected Aortic Grafts
Matthew R. Janko1, Karen Woo2, Jayer Chung3, Vikram S. Kashyap1, Peter F. Lawrence4, Jonathan Bath5, Matthew R. Smeds - 1University Hospitals Cleveland Medical Center/Case Western Reserve University, Cleveland, OH; 2University of California Los Angeles, Los Angeles, CA; 3Baylor College of Medicine, Houston, TX; 4MU Heath Care/University of Missouri, Columbia, MO; 5SLUCare Physician Group/St. Louis University, St. Louis, MO

6:00 pm – 6:30 pm
Contemporary Rates of Inferior Vena Cava Filter Thrombosis and Risk Factors
Ryan King, Mathew Wooster, Ravi Veeraswamy, Elizabeth Genovese - Medical University of South Carolina, Charleston, SC

Saturday, January 23, 2021
6:00 am – 7:00 am
Continental Breakfast

6:00 pm – 6:30 pm
VESS MEMBER BUSINESS MEETING

6:00 pm
Industry Symposium – TBA
SCIENTIFIC PROGRAM

8:10 am – 8:20 am 33 (RF) Analysis of Medicare Payments for Pre-Operative Imaging Prior to Carotid Endarterectomy Nathan Itoga, Krishna Martinez-Singh, John Harris, Jason Lee, Laurence Baker, Manuel Garcia-Toca - Stanford University, Stanford, CA

8:20 am – 8:30 am 34 (RF) Acute Thrombotic Event from Covid-19 Infection: Short-Term Follow-Up Christopher M. Faries, Ajit Rao, Nicole Ilonzo, Songhon Hwang, Prakash Krishnan, Serdar Farhan, Windsor Ting, John Lantis, Michael L. Marin, Peter L. Faries – Icahn School of Medicine at Mount Sinai, New York, NY

8:30 am – 9:00 am AWARD SESSION
Update from 2020 Winner(s)
- Travel Award – Postponed Until 2021
- Resident Research Award – Christopher Audu
- Early Career Faculty Award – TBA

2021 Award Winners
- VESS Travel Award
- VESS/Medtronic Resident Research Award
- VESS Early Career Faculty Research Award

9:00 am – 9:10 am Introduction of the President Jason Lee, MD

9:10 am – 9:55 am PRESIDENTIAL ADDRESS Matthew Corriere, MD

10:00 am – 12:00 pm ROUND TABLE SESSION Top 10 Pieces of Advice from an Academic and Private Practice Physician

1:00 pm – 3:00 pm ROUND TABLE SESSION Case Presentations

3:00 pm – 4:00 pm Coffee/Snacks

SCIENTIFIC SESSION V

4:00 pm – 6:00 pm 35 Long-Term Durability of Superficial Femoral Vein AV Fistula for Dialysis Access Tanner Kim2, Kristine C. Orion1, Anthony Rizzo1, Jonathan Cardella2, Anthony Rizzo3, Timur Sarac1 - 1Ohio State University Wexner Medical Center, Columbus, OH; 2Yale University School of Medicine, New Haven, CT; 3Cleveland Clinic, Columbus, OH

4:15 pm – 4:30 pm 36 Vascular Surgery Program Director Work Hours and Compensation Do Not Align with ACGME Proposed Requirements Murray Shames1, Kapland Owens1, William Robinson2, Amy Reed3; Jason Lee4, William Jordan5, Malachi Sheahan6 - 1University of South Florida, Tampa, FL; 2East Carolina University, Greenville, NC; 3University of Minnesota, Minneapolis, MN; 4Stanford University, Stanford, CA; 5Emory University School of Medicine, Atlanta, GA; 6Louisiana State University Health Sciences Center, New Orleans, LA

4:30 pm – 4:45 pm 37 Laser In Situ Fenestration for Revascularization in Thoracic Endovascular Aortic Arch Repair: A Single Center Analysis Elizabeth Evans, Ravikumar Veeraswamy, Sanford Zeigler, Mathew Wooster - Medical University of South Carolina, Charleston, SC
<table>
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| 4:45 pm – 5:00 pm | 38  
**Closure Device Use for Common Femoral Artery Antegrade Access is Higher Risk than Retrograde Access**  
Joel L. Ramirez¹, Eric J.T. Smith¹, Devin S. Zarkowsky², Jose Lopez³, Caitlin W. Hicks³, Peter A. Schneider¹, Michael S. Conte¹, James C. Iannuzzi¹ - ¹University of California, San Francisco, San Francisco, CA; ²University of Colorado, Aurora, CO; ³Johns Hopkins Hospital, Baltimore, MD |
| 5:00 pm – 5:10 pm | 39 (RF)  
**Risk Factors and Management of Steal Syndrome after Hemodialysis Access Creation**  
Shin-Rong Lee¹, Alan Dardik¹, Jeffrey Siracuse², Cassius Ochoa Chaar³ - ¹Yale University School of Medicine, New Haven, CT; ²Boston University School of Medicine, Boston, MA |
| 5:10 pm – 5:20 pm | 40 (RF)  
**Adjunctive SuperiorMesenteric/Portal Venous Reconstruction in the Treatment of Borderline Resectable Pancreatic Adenocarcinoma**  
William Duong, Roy Fujitani, Steven Tohmasi, Cyrus Farzaneh, Nii-Kabu Kabutey, Shelley Maithel, Carlos Donayre, Zeljka Jutric, David Imagawa - University of California, Irvine, Orange, CA |
| 5:20 pm – 5:30 pm | 41 (RF)  
**The 2014 U.S. Preventive Services Task Force Abdominal Aortic Aneurysm Screening Guidelines Negligibly Impacted Repair Rates in Male Never-Smokers and Female Smokers**  
Scott R. Levin¹, Alik Farber¹, Philip P. Goodney¹, Marc L. Schermerhorn¹, Mohammad H², Eslami³, Katharine L. McGinigle⁴, Julia Raifman⁵, Jeffrey J. Siracuse⁶ - ¹Boston University, Boston, MA; ²Boston University School of Public Health, Boston, MA |
| 5:30 pm – 5:45 pm | 42  
**A Single Center 8-Year Experience of Segmental Arterial Mediolysis Management**  
Arvind Srinivasan, Ayokunle Olowofela, Brian Lewis, Peter Rossi, Neel Mansukhani - Medical College of Wisconsin, Milwaukee, WI |
| 5:45 pm – 6:00 pm | 43  
**Unique Failure Modes and Complications of Iliac Branch Devices**  
Jordan R. Stern, Kenneth Tran, Ming Li, Jason T. Lee - Stanford University, Stanford, CA |

**Sunday, January 24, 2021**

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<td>6:00 am – 7:00 am</td>
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<td>7:00 am – 9:00 am</td>
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| 7:00 am – 7:15 am | 44  
**Selective vs. Routine Spinal Drain Use for Fenestrated/ Branched Endovascular Aortic Repair (F-BEVAR)**  
Carla Scott, David Timaran, Fatemeh Malekpour, Marc Salhanick, Marilisa Soto Gonzalez, Mirza Baig, Carlos Timaran - University of Texas Southwestern Medical Center, Dallas, TX |
| 7:15 am – 7:30 am | 45  
**Development of a Convolutional Neural Network to Detect Infrarenal Abdominal Aortic Aneurysms**  
Justin Camar, Andrew Pop, Mathew Shedd, Brandon Dobrowsky, Cole Knox, Roger Tomihama, Sharon C Kiang - Loma Linda University School of Medicine, Loma Linda, CA |
Hybrid and Total Endovascular Approaches to Tandem Carotid Artery Have Similar Short- and Long-Term Outcomes
Charles Decarlo¹, Adam Tanious¹, Laura T. Boitano¹, Jahan Mohebali¹, David H. Stone², W. Darrin Clouse³, Mark F. Conrad¹ - ¹Massachusetts General Hospital, Boston, MA; ²Dartmouth-Hitchcock Medical Center, Lebanon, NH; ³University of Virginia, Charlottesville, VA

Progression of Changes in Vascular Surgery Practices During the Novel Corona Virus SARS-CoV-2 Pandemic
Matthew R. Smeds¹, Faisal Aziz², Jonathan Bath³ - ¹Saint Louis University, St. Louis, MO; ²Pennsylvania State University, Hershey, PA; ³University of Missouri, Columbia, MO

Surgeon Volume and Established Hospital Peri-Operative Mortality Rate Together Predict Superior Outcomes after Open AAA Repair
Joshua Geiger, Fergal Fleming, Michael Stoner, Adam Doyle - University of Rochester Medical Center, Rochester, NY

Ultrasound Screening of Abdominal Aortic Aneurysm by Junior Medical Officers in Australian Rural Hospital Setting: A Pilot Study
Mei Ping Melody Koo - St Vincent’s Hospital Melbourne, Victoria, Fitzroy, Victoria, Australia

Can Machine Learning Models Predict Failure of Maturation of Arteriovenous Fistula?
Siavash Bolourani, Amit Rao, Avinash Garlapati, Jeffrey Silpe, Firas Mussa, Gregg Landis, Yana Etkin - Donald and Barbara Zucker School of Medicine at Hofstra/ Northwell, New Hyde Park, NY

Impact of Vessel Size on Midterm Outcomes after Percutaneous Transluminal Angioplasty for Isolated De Novo Superficial Femoral Artery Disease
Heepeel Chang¹, Caron B. Rockman¹, Glenn R. Jacobowitz¹, Neal S. Cayne¹, Virenda I. Patel³, Karan Garg¹ - ¹New York University, New York, NY; ³New York Presbyterian/Columbia University Medical Center, New York, NY

Aortic Neck Dilatation Following Endovascular Repair of Thoracic Aortic Aneurysm
Patricia Yau¹, Patricia Friedmann², Jeffrey Indes¹, Evan Lipsitz¹, Hasan Aldailami¹ - ¹Montefiore Medical Center, Bronx, NY; ²Albert Einstein College of Medicine, Bronx, NY

Follow the Vascular and Endovascular Surgery Society (VESS) on:
TECHNOLOGY FORUM

2021 TECH EXCHANGE

The 2021 Vascular Technology Forum will focus on broad vascular pathology and will showcase some of the best that industry has to offer! In addition to highlighting aortic endografts, peripheral and embolization technology and the latest in venous care, we will also be showcasing current and advanced capabilities in medical imaging. The emphasis of this program is for industry to provide insight into current and up-and-coming technology, as well as what treating physicians may see in the near future as it relates to developments in the pipeline. It will also provide opportunity for an intensive, hands-on experience in a small group format that provides a granular experience for the participating physicians.

DATE: Thursday, January 21, 2021
TIME: 12:30 pm - 3:30 pm

Note: This program is not eligible for CME credits.

COVID-19 PRECAUTIONS

We understand that a degree of uncertainty exists around traveling and attending in-person events because of COVID-19. We are closely monitoring the situation and working with Sun Valley Resort to ensure the safety of everyone attending. On-site precautions will include:

- **Mask Mandate** - All attendees are required to wear masks during presentations and while in common areas at the resort.
- **Social Distancing** - We have reserved enough space within the resort to allow attendees to maintain social distancing. This includes broadcasting presentations into multiple meeting rooms and allocating certain times for groups to attend meals and the exhibit hall.
- **Sanitizing Stations** - The resort has multiple hand sanitizing stations throughout the property, and we'll have additional stations set up within our meeting space.
- **Temperature Checks** - VESS staff will check attendees’ temperature as you enter the meeting space before sessions start each day.
- **Contactless Experience** - We will provide registration packets upon check-in to the resort. We will not hand out any materials throughout the conference.
- **Resort Catering Will Serve All Meals to Attendees** - The Sun Valley Resort is following food safety state and federal guidelines.

**RELEASE OF LIABILITY:** By attending the VESS Annual Meeting in-person, you are aware of the possibility of being exposed to/and or contracting COVID-19 and agree to accept this risk and fully release VESS from any claims, injuries or expenses resulting from attendance.
On behalf of our meeting attendees, special discounted rates for ski tickets have been secured through Sun Valley Resort. Tickets must be reserved in advance. There is no guarantee that discounted tickets will be available after the January 10 deadline.

If you plan to begin skiing before Thursday, January 21, please be sure to indicate this on the registration questionnaire. Arrangements will be made to have your lift tickets available in advance.

Sun Valley has a kids ski free program. Kids (12 and under) receive a free lift ticket with a parent lift ticket purchase. This offer is limited to one child per paying parent. Just purchase your adult ticket and add a child ticket. Example: If you register for a 3-day adult ticket, along with a 3-day child ticket, the child ticket is free. Please indicate the child’s age on the form.

If your child plans to ski alone, purchase their ticket in the adult ticket section (our discount pricing is the same for every age group). If you select the free child ticket without a matching adult ticket, the resort will charge you and collect payment before issuing the ski ticket.

### TICKET PRICING

**ADULT LIFT TICKETS (13+)**

<table>
<thead>
<tr>
<th></th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>1 DAY LIFT TICKET</td>
<td>$95</td>
</tr>
<tr>
<td>2 OUT OF 3 DAY LIFT TICKET</td>
<td>$180</td>
</tr>
<tr>
<td>3 OUT OF 5 DAY LIFT TICKET</td>
<td>$264</td>
</tr>
<tr>
<td>4 OUT OF 6 DAY LIFT TICKET</td>
<td>$342</td>
</tr>
<tr>
<td>5 OUT OF 7 DAY LIFT TICKET</td>
<td>$426</td>
</tr>
<tr>
<td>6 OUT OF 8 DAY LIFT TICKET</td>
<td>$482</td>
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MEETING REGISTRANT

Registration Deadline: Friday, January 8, 2021

First Name

Last Name

Institution

Address

City

State

Zip Code

Country

Daytime Telephone

Email Address (Required For Confirmation)

REGISTRATION FOR LIVE/IN-PERSON

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>EARLY BIRD FEE (Deadline: 12/18/20)</th>
<th>REGISTRATION (Deadline: 1/8/21)</th>
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</thead>
<tbody>
<tr>
<td>VESS Member (Active or Senior)</td>
<td>$325</td>
<td>$375</td>
</tr>
<tr>
<td>Guest Physician (Non-Member)</td>
<td>$425</td>
<td>$475</td>
</tr>
<tr>
<td>Allied Health Professional</td>
<td>$200</td>
<td>$250</td>
</tr>
<tr>
<td>SMVS Member (Active Duty)</td>
<td>$150</td>
<td>$175</td>
</tr>
<tr>
<td>VESS Candidate Member</td>
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<td>$175</td>
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<tr>
<td>Fellow*</td>
<td>$150</td>
<td>$175</td>
</tr>
<tr>
<td>Resident*</td>
<td>$150</td>
<td>$175</td>
</tr>
<tr>
<td>Medical Student*</td>
<td>$150</td>
<td>$175</td>
</tr>
<tr>
<td>Spouse/Partner/Guest</td>
<td>N/C</td>
<td>N/C</td>
</tr>
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</table>

*Please check here if you plan on skiing prior to Thursday, January 21.

SKI LIFT TICKETS (SEE PREVIOUS PAGE FOR PRICES)

(A) = Adult (13+), (C) = Child (12 and under)

<table>
<thead>
<tr>
<th># OF TICKETS</th>
<th>1-Day Ticket</th>
<th>2-Day Ticket</th>
<th>3-Day Ticket</th>
<th>4-Day Ticket</th>
<th>5-Day Ticket</th>
<th>6-Day Ticket</th>
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* A letter from your institution is required for verification which must be faxed to the National Office at 970-997-9672 prior to the Annual Meeting.

REGISTRATION FOR VIRTUAL/ONLINE

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>EARLY BIRD FEE (Deadline: 12/18/20)</th>
<th>REGISTRATION (Deadline: 1/8/21)</th>
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</thead>
<tbody>
<tr>
<td>General</td>
<td>$50</td>
<td>$75</td>
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SPOUSE/PARTNER/GUEST

If you are registering a spouse/guest, please provide their name below:

TECHNOLOGY FORUM

There is no fee to attend the Technology Forum on Thursday, January 21, but registration is required.

Yes, I plan on attending the Technology Forum on Thursday.

PRESIDENT’S DINNER TICKETS

These tickets are for Saturday, January 23, 2021.

<table>
<thead>
<tr>
<th>CATEGORY</th>
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<th># OF TICKETS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult Ticket</td>
<td>$75/each</td>
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</tr>
<tr>
<td>Children (Ages 12-18)</td>
<td>$35/each</td>
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PAYMENT METHOD

TOTAL AMOUNT DUE $________

[ ] MasterCard [ ] VISA [ ] American Express [ ] Check

Credit Card #

Expiration Date

CVV Code

Billing Address

Billing City

State

Zip

Country

Name On Card

Register online at www.vesurgery.org!