VASCULAR AND ENDOVASCULAR SURGERY SOCIETY
FORMERLY THE PERIPHERAL VASCULAR SURGERY SOCIETY (PVSS)

44th Annual Meeting
JANUARY 30 - FEBRUARY 2, 2020
STEAMBOAT GRAND • STEAMBOAT SPRINGS, CO

2020 MEETING BROCHURE

www.vesurgery.org
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 44th Annual Meeting of the Vascular and Endovascular Surgery Society will be held January 30—February 2, 2020 at The Steamboat Grand in Steamboat Springs, CO – a convenient 22-miles from Steamboat/Hayden Airport (HDN).

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:

• Evaluate the use of tibial interventions within their own practice
• Review their practice patterns regarding the administration of opioid medications
• Better stratify patients for risk of deep vein thrombosis after ablation of superficial veins
• Better evaluate patients regarding use of measures of frailty
• Understand risk factors for high radiation exposure
• Better treat patients who have sustained vascular injuries from trauma
• Evaluate the use of ultrasound for arterial access within their own institution

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

CATEGORY & FEES

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<th>CATEGORY</th>
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<td>DEADLINE: 12/13/19</td>
<td>12/14/19 - 01/10/20</td>
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<tr>
<td>VESS Member (Active or Senior)</td>
<td>$325</td>
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<td>Guest Physician (Non-Member)</td>
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*Letter of verification from institution required. Letter must be emailed to vess@administrare.com.

All registrations must be completed by **Friday, January 10, 2020**. Registration fees include all scientific sessions (including the Technology Forum), entrance to the exhibit hall, continental breakfasts, coffee breaks and the Welcome Reception on Thursday evening. The President’s Dinner is by separate subscription and tickets are required for all registrants and their guests (see below).

HOW TO REGISTER

There are two easy ways to register for the 44th Annual Meeting in Steamboat Springs, CO. **Receive immediate confirmation by registering online at www.vesurgery.org.** Please Note: VESS members should use the email address the Society has on file when registering online. You may also complete the meeting registration form included in this brochure and mail or fax as directed. Accepted Forms of Payment: MasterCard, VISA, American Express, checks drawn on a U.S. bank made payable to the Vascular and Endovascular Surgery Society and cash (onsite only).

PRESIDENT’S DINNER
(SEPARATE SUBSCRIPTION)
The Saturday evening President’s Dinner is by separate subscription. Ticket prices are: Adult ($75/each) and Children 12-18 ($35). Children under 12 are free, but still require a ticket.

CANCELLATION POLICY
If written notice of cancellation is received by **Friday, January 10, 2020**, any registration fees paid, less a $50 administrative fee, will be refunded after the meeting. No refunds will be issued after this date.
HOTEL INFORMATION

THE STEAMBOAT GRAND
Nestled 7,000 feet up in the Colorado Rockies, Steamboat is one of North America’s largest ski mountains. With 142 trails, 3,600 vertical feet and nearly 3,000 skiable acres, its six peaks are filled with world-class groomed cruisers, bumps, steeps, open meadows and legendary tree skiing.

ROOM TYPE

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RESERVATION DEADLINE
All reservations must be received no later than 5:00 pm (eastern) on Saturday, December 21, 2019. After this date, or once the VESS block of rooms has sold out, the group rate cannot be guaranteed. Please Note: The VESS room block typically sells out prior to the posted deadline. We strongly suggest you book your room early, as there are a limited number of rooms in each of the above categories.

To make your reservation, please contact The Steamboat Grand directly at 877-269-2628. Please be sure to indicate that you are with the VESS 2020 Annual Meeting to secure the group rate.
TRAVEL INFORMATION

STEAMBOAT SPRINGS, CO

A ski town that is also an authentic ranching center, Steamboat Springs is more down home than glitzy. Cowboy hats and ski boots are equally welcome on the city’s friendly streets. The place where downhill skiing first flourished in the United States, Steamboat Springs remains a premiere slopes destination. And after a long day of hiking, schussing or shopping, you can relax in one of the natural hot springs for which the town was named.

AIRPORT

Steamboat is proud to be the most conveniently accessed ski resort in Colorado with nonstop flights from 12 major North American airports and convenient connections nationwide and worldwide. The Steamboat/Hayden Airport (HDN) is just 22 miles from the Steamboat Ski Area. The Denver International Airport (DEN) is 3.5 hours from The Steamboat Grand.

AIRPORT SHUTTLE SERVICE

The VESS has contracted with Go Alpine Shuttle - an airport shuttle service - to obtain discounted rates for meeting attendees between The Steamboat Grand and either Steamboat/Hayden Airport (HDN) or Denver International Airport (DEN). Reservations must be arranged in advance and can be made by calling Go Alpine Shuttle directly at 970-879-2800. Be sure to use discount code "#VSS" to receive the discounted rate. For more information, including pricing details, please visit the VESS website at www.vesurgery.org.

TRANSPORTATION AROUND STEAMBOAT

The Steamboat Grand offers a complimentary shuttle that runs downtown from 1:15 pm to 10:15 pm, leaving the front door of the hotel fifteen and forty-five after the hour. The shuttle drops off within walking distance of nearly every restaurant and shopping area in town.

WINTER WEATHER

A Steamboat Springs winter averages snowfall of 200+ inches and temperatures are typically between 25 degrees Fahrenheit to 35 degrees Fahrenheit.
SCIENTIFIC PROGRAM

Thursday, January 30, 2020

7:00 am – 5:00 pm Registration
7:00 am Continental Breakfast
7:00 am – 11:00 am VASCULAR FELLOWS PROGRAM
Moderator: Joanelle Lugo, MD
7:00 am – 11:00 am STUDENT MENTOR PROGRAM
Moderator: John Rectenwald, MD
11:00 am – 12:00 pm Fellows/Students Lunch
12:30 pm - 3:30 pm TECHNOLOGY FORUM – DIDACTIC & HANDS-ON
Moderator: Jordan Stern, MD
4:00 pm – 6:00 pm SCIENTIFIC SESSION I
Moderators: James Black, MD & Ravi Rajani, MD
4:00 pm – 4:12 pm 1 Industry Compensation to Physician Vascular Specialist Authors of Highly Cited Aortic Aneurysm Manuscripts
Tiffany R. Bellomo, Charles Hwang, Gloria Kim, Nick Osborne, James Stanley, Matthew A. Corriere—University of Michigan Medical School, Ann Arbor, MI
4:12 pm – 4:24 pm 2 An Apple a Day Keeps the Hospital Away: Food Deserts are Associated with 30-Day Readmission after Revascularization for Chronic Limb Threatening Ischemia
Eric Smith, Joel Ramirez, Bian Wu, Devin Zarkowsky, Warren Gasper, Michael Conte, James Iannuzzi—University of California San Francisco, San Francisco, CA
4:24 pm – 4:36 pm 3 Contemporary Practices and Complications of Surgery for Thoracic Outlet Syndrome in the United States
Elizabeth L. George¹, Kara A. Rothenberg¹, Thuy-Vy Ho¹, Shipra Arya¹, Hugh A. Gelabert¹, Jason T. Lee¹—¹Stanford University, Stanford, CA; ²UCSF East Bay, Oakland, CA; ³UCSF Medical Center, Los Angeles, CA
4:36 pm – 4:48 pm 4 Vascular Surgeons Care for Increasingly Complex Patients Despite Decreasing Reimbursements: A Decade of Trends in Over 5 Million Patients
Rameen S. Moridzadeh, Yas Sanaiha, Josef Madrigal, Peyman Benharash, Donald T. Banil—University of California, Los Angeles, Los Angeles, CA
4:48 pm – 5:00 pm 5 Increased Re-Intervention Following Infragingual Revascularization for Chronic Limb-Threatening Ischemia in Women
5:00 pm – 5:08 pm 6 (RF) Peri-Procedural Outcomes in Patients on Chronic Anticoagulation Undergoing Fistulograms
Lucero Paredes, Nkiruka Arinze, Denise Garofalo, Scott R. Levin, Rajendra Vilvendhan, Alrik Farber, Douglas W. Jones, Jeffrey Siracuse—Boston University, Boston, MA
5:08 pm – 5:16 pm 7 (RF) Female Sex Portends Worse Long-Term Survival after Open Type I-III Thoracoabdominal Aneurysm Repair
Christopher A. Latz, Laura Boitano, Linda J. Wang, Elizabeth Chou, Charles DeCarlo, Anna A. Pendleton, Jahan Mohebali, Mark Conrad—Massachusetts General Hospital, Boston, MA
5:16 pm – 5:24 pm  |  8 (RF)  
| **A Novel Approach to Limb Salvage: Healing Transmetatarsal Amputations without a Viable Plantar Flap**  
| Janell Holloway, Kimberly Lauer, Nikhil Kansal, Frederic Bongard, Ashley Miller—Harbor UCLA, Los Angeles, CA

5:24 pm – 5:36 pm  |  9  
| **Prevalence and Outcomes of Endovascular Infrapopliteal Interventions for Intermittent Claudication**  
| Clarence H. Mullins, Zdenek Novak, John C. Axley, Danielle C. Sutko, Emily L. Spangler, Benjamin J. Pearce, Mark A. Patterson, Marc A. Passman, Adam W. Beck, Graeme E. McFarland—University of Alabama at Birmingham, Birmingham, AL

5:36 pm – 5:48 pm  |  10  
| **Upper Arm Arteriovenous Grafts are Superior Over Forearm Arteriovenous Grafts in Upper Extremity Dialysis Access**  
| Rueshil Fadia¹, Chyi Chyi Chong¹, Scott Berman², Jeffrey J. Siracuse³, Denis Rybin⁴, Wei Zhou¹, Tze-Woei Tan¹ — ¹University of Arizona, Tucson, AZ; ²Pima Heart, Tucson, AZ; ³Boston University School of Medicine, Boston, MA; ⁴Boston University School of Public Health, Boston, MA

5:48 pm – 6:00 pm  |  11  
| **Pediatric Renal Artery Stenosis: A 19-Year Experience in Management and Outcomes at a Tertiary Pediatric Hospital**  
| Hans K. Boggis, Sharon C. Kiang, Ahmed M. Abou-Zamzam, Jr., Paul Miller, Ellie Rickards, Roger T. Tomihama—Loma Linda University School of Medicine, Loma Linda, CA

6:00 pm – 7:30 pm  |  WELCOME RECEPTION  
| All attendees, guests & exhibitors are welcome.

**Friday, January 31, 2020**

6:00 am – 7:00 am  |  Continental Breakfast

6:00 am – 9:30 am  |  Registration

6:50 am – 7:00 am  |  NEWS & VIEWS FROM THE SVS  
| Ronald Dalman, MD  
| SVS President-Elect

7:00 am – 9:03 am  |  SCIENTIFIC SESSION II  
| Moderators: Andrew Meltzer, MD & Luke Brewster, MD

7:00 am – 7:12 am  |  12  
| **Plantar Flexion Induced Entrapment of the Dorsalis Pedis Artery in a Teenaged Cross-Country Runner**  
| Leighton T. McCabe, Jason W. Stoneback, Jeniann A. Yi, William R. Hiatt, Mary K. Jesse, Max V. Wohlauer—University of Colorado Anschutz School of Medicine, Aurora, CO

7:12 am – 7:24 am  |  13  
| **Vascular Surgeons Carry an Increasing Responsibility in the Management of Lower Extremity Vascular Trauma**  
| Siddhant Panhar, Jaime Benarroch-Gampel, Victoria Teodorescu, Christopher Ramos, Keri Minton, Ravi Rajani—Emory University, Atlanta, GA

7:24 am – 7:36 am  |  14  
| **Practice Patterns of Vascular Surgery’s “1%”**  

7:36 am – 7:48 am  |  15  
| **Regional Market Competition is Associated with Aneurysm Diameter at Time of EVAR**  
| Courtenay Holscher¹, M. Libby Weaver¹, James H. Black, III¹, Christopher Abularrage¹, Ying Wei Lum¹, Devin Zarkowsky¹, Caitlin Hicks¹—¹Johns Hopkins University, Baltimore, MD; ²University of Colorado, Aurora, CO
7:48 am – 7:56 am

16 (RF)

**Flow Diversion: A Novel Technique in the Management of Aneurysmal False Lumen in Chronic Type B Aortic Dissection**
Motahar Hossein1, David N. Blitzer2, Anahita Ghazi1, Shahab Toursavdkohi1 — 1University of Maryland, Baltimore, MD; 2MedStar Health, Baltimore, MD
8:35 am – 8:47 am

7:56 am – 8:04 am

17 (RF)

**Endovascular Repair of Ascending Aortic Pseudoaneurysm using Transfemoral Frame-Coiling Under Total Cerebral Protection**
Jeanette Man, Mel J. Sharafuddin — University of Iowa Carver’s College of Medicine, Iowa City, IA
8:47 am – 8:55 am

8:04 am – 8:12 am

18 (RF)

**Mid-Aortic Syndrome with Aortoiliac Occlusive Disease and Venous Stasis Ulceration**
Anna M. Boniakowski, Bobby Beaulieu, Jonathan L. Eliason, Dawn Coleman — University of Michigan, Ann Arbor, MI
8:55 am – 9:03 am

8:12 am – 8:24 am

19

**Comparison of Atherectomy and Balloon Angioplasty for Isolated Femoro-Popliteal Revascularization**
Arash Fereydooni1, Halbert Bai2, Haoran Zhuo2, Yawei Zhang2, Cassius iyad Ochoa Chaar1 — 1Yale School of Medicine, New Haven, CT; 2Yale School of Public Health, New Haven, CT
8:24 am – 8:35 am

10:00 am – 12:00 pm

8:24 am – 8:35 am

20

**Ruptured AAA Patients Treated with EVAR Off-IFU Demonstrate Lower In-Hospital Survival than Those with On-IFU Repair**
Devin S. Zarkowsky1, Joel L. Ramirez2, Courtenay M. Holscher3, Philip P. Goodney4, Mahmoud B. Malas5, James C. Iannuzzi5, Max Wohlauer5, Caitlin W. Hicks5 — 1University of Colorado, Aurora, CO; 2University of California San Francisco, San Francisco, CA; 3The Johns Hopkins Medical Institutions, Baltimore, MD; 4Dartmouth-Hitchcock Medical Center, Lebanon, NH; 5University of California San Diego, San Diego, CA
1:00 pm – 3:00 pm

1:00 pm – 3:00 pm

3:00 pm

 ROUND TABLE DISCUSSION SESSION
Women in Vascular Surgery
Moderator: Jeanie Ruddy, MD

ROUND TABLE DISCUSSION SESSION
A Program Director’s Perspective on Surgical Education
Moderator: Mark Conrad, MD

Registration Re-Opens
3:00 pm – 4:00 pm  Coffee/Snacks – Visit Exhibitors  4:00 pm – 6:00 pm  SCIENTIFIC SESSION III
Moderators: Jeanie, Ruddy, MD & Karan Garg, MD

4:00 pm – 4:12 pm  24  Re-Evaluating the Need for Routine Coverage of the Left Subclavian Artery in Thoracic Blunt Aortic Injury
Nicolas A. Stafforini, Niten Singh, Benjamin W. Starnes, Nam T. Tran, Elina Quiroga—University of Washington, Seattle, WA

4:12 pm – 4:24 pm  25  Paclitaxel-Coated Peripheral Arterial Devices are Associated with Reduced Mortality in Younger Patients
Alexander H. King, Vikram S. Kashyap, Ravi N. Ambani, Jones P. Thomas, Saideep Bose, Karem C. Harth, Virginia L. Wong, Jae S. Cho, Norman H. Kumins—University Hospitals Cleveland Medical Center, Cleveland, OH

4:24 pm – 4:36 pm  26  Effects of Continued Dual Antiplatelet Therapy on Major Adverse Cardiovascular Events after Carotid Artery Stenting
Nathan Belkin, Benjamin M. Jackson, Paul J. Foley, Scott M. Damrauer, Ronald M. Fairman, Grace J. Wang—Hospital of the University of Pennsylvania, Philadelphia, PA

4:36 pm – 4:48 pm  27  Endovascular Embolization Techniques in a Swine Model of Fatal Uncontrolled Solid Organ Hemorrhage and Coagulopathy
David S. Kauyar1, David W. Schechtman1, Sarah B. Thomas1, Rodolfo J. DeGuzman2, Irene A. Polykratis3, Malcolm D. Prince3, Bijan S. Kheirabadi2, Michael A. Dubick1—1San Antonio Military Medical Center, Fort Sam Houston, TX; 2U.S. Army Institute for Surgical Research, Fort Sam Houston, TX

4:48 pm – 5:04 pm  28 (RF)  Ascending Lumbar Vein Angioplasty and Stenting to Improve Lower Extremity Venous Drainage in the Setting of Ipsilateral Common Iliac Vein Occlusion
Hunter Ray, Stuart Harlin—University of Texas Health Science Center at Houston (UT Health), McGovern Medical School, Houston, TX

4:56 pm – 5:12 pm  29 (RF)  Hybrid Endovascular and Open Surgical Approach to an Acute Type-A Aortic Dissection in a Pregnant Female with Marfan Syndrome
Spencer Hansen, John Eidt, Charles Roberts—Baylor University Medical Center, Dallas, TX

5:04 pm – 5:24 pm  30 (RF)  Pharmacologic Therapy is not Associated with Stroke Prevention in Patients with Isolated Blunt Vertebral Artery Injury
Amit Pujari1, Christopher R. Ramos1, Jonathan Nguyen2, Ravi R. Rajani1, Jaime Benarroch-Gampel1—1Emory University School of Medicine, Atlanta, GA; 2Morehouse School of Medicine, Atlanta, GA

5:12 pm – 5:24 pm  31  An Endovascular First Approach for Aortoiliac Occlusive Disease is Safe: Prior Endovascular Intervention not Associated with Inferior Outcomes after Aortofemoral Bypass
Charles Decarlo, Christopher Latz, Laura T. Boitano, Jahan Mohebali, Samuel I. Schwartz, Matthew J. Eagleton, W. Darrin Clouse, Mark F. Conrad—Massachusetts General Hospital, Boston, MA

5:24 pm – 5:36 pm  32  Non-Operative and Delayed Operative Management of Severe Asymptomatic Carotid Artery Stenosis
Dylan Dominguez, Scott Levin, Thomas Cheng, Alik Farber, Douglas Jones, Jeffrey Kalish, Jeffrey Siracuse—Boston University School of Medicine, Boston, MA
**SCIENTIFIC PROGRAM**

5:36 pm – 5:48 pm  
**33** Complete Venous Leg Ulceration Healing Following Perforated Ablation is not Dependent on Treatment Modality  
Katherine M. Reitz, Karim Salem, Abhisekh Mohapatra, Nathan L. Liang, Efthymios Avgerinos, Michael Singh, Eric Hager—UPMC, Pittsburgh, PA

5:48 pm – 6:00 pm  
**34** Impacts of a Limb Preservation Service on the Incidence of Major Amputations for All Indications at a Level I Trauma Center  
Jake F. Hemingway, Rachel Hoffman, Benjamin W. Starnes, Elina Quiroga, Nam T. Tran, Niten Singh—University of Washington, Seattle, WA

6:00 pm  
**VESS MEMBER BUSINESS MTG.**

7:00 pm  
Free Evening or Industry Symposium

**Saturday, February 1, 2020**

6:00 am – 7:00 am  
Continental Breakfast

6:00 am – 9:30 am  
Registration

7:00 am – 8:15 am  
**SCIENTIFIC SESSION IV**  
Moderators: Max Wohlauer, MD & Natalia Glebova, MD

7:00 am – 7:12 am  
**35** Treatment and Outcomes of Aortic Graft Infections: A Single Center Experience  
Amanda Filiberto, Javariah Fatima, Craig Elder, Salvatore Scali, Thomas Huber—University of Florida, Gainesville, FL

7:12 am – 7:24 am  
**36** Online Ratings for Vascular Interventional Providers Varies by Physician Specialty  
Zachary J. Wanken, John B. Rode, Sarah Y. Bessen, Peter B. Anderson, J. Aaron Barnes, Mark Eid, Philip P. Goodney—Dartmouth-Hitchcock, Lebanon, NH

7:24 am – 7:36 am  
**37** Underrepresentation of Vascular Surgery in Twitter-Based Clinical Discussions on the Management of Peripheral Arterial Disease  
Reid A. Ravin¹, Daniel K. Han¹, Kassandra Carrion¹, Nicole Ilonzo¹, Peter L. Faries²—¹Mount Sinai West Hospital, New York, NY; ²Mount Sinai Hospital, New York, NY

7:36 am – 7:48 am  
**38** Real-World Usage of the Waveiling EndoAVF System  
Mark S. Zemela, Hataka R. Minami¹, Alejandro Alvarez², Matthew R. Smeds—¹St. Louis University School of Medicine, St. Louis, MO; ²SSM Health, St. Louis, MO

7:48 am – 7:56 am  
**39 (RF)** Contemporary Outcomes of Bailout Popliteal Stenting  

7:56 am – 8:04 am  
**40 (RF)** Evolving, Versatile and Durable Aorto-Uni-Iliac Endograft Techniques for Complex Aorto-Iliac Aneurysms without Bifurcated EVAR Options: Lessons from More than 100 Cases  
Martin R. Back¹, Mathew D. Wooster—¹University of Florida, Gainesville, FL; ²Medical University of South Carolina, Charleston, SC
8:04 am – 8:12 am

41 (RF)

Use of the Bard BD Venovo™ Venous Stent in the Treatment of Non-Thrombotic or Post-Thrombotic Iliac Vein Lesions - Short Term Results from a Multi-Centre Asian Cohort

Hao Yun Yap¹, Jimmy Wei Hwa Tan⁵, Mervin Han Hui Lim¹, Tze Tec Chong¹, Tjun Yip Tang¹

¹Singapore General Hospital, Singapore, Singapore; ⁵Tainan An-nan Municipal Hospital, Tainan, Taiwan

4:12 pm – 4:24 pm

43

Clinical Outcomes of Double Mandibular Osteotomy for Exposure of Skull Base Carotid Artery Pathology

Andrew Hodge, Mina Fahmy, Michael M. McNally, Josh Arnold, Oscar Grandas, Eric Carlson, Michael Freeman, Michael Buckley—University of Tennessee Knoxville, Knoxville, TN

8:15 am – 8:45 am

AWARD SESSION

Moderators: James Black, MD & Christopher Smolock, MD

Update from 2019 Winner(s)

2020 Award Winners:

- VESS Travel Award
- VESS/Medtronic Vascular Resident Research Award
- VESS Early Career Faculty Research Award

4:24 pm – 4:36 pm

44

Branch Vessel Patency after TEVAR for Type B Aortic Dissection

Gregory A. Magee¹, Anastasia Plotkin¹, Michael D. Dake¹, Benjamin W. Starnes¹, Sukgu M. Han¹, Li Ding¹, Fred A. Weaver¹—¹University of Southern California, Los Angeles, CA; ²University of Arizona, Tucson, AZ; ³University of Washington, Seattle, WA

8:50 am – 9:00 am

Introduction of the President

Matthew Corriere, MD

9:00 am – 9:45 am

PRESIDENTIAL ADDRESS

James Black, MD

10:00 am – 12:00 pm

VESS VIDEO CASE PRESENTATION SESSION

Moderators: Kelly Kempe, MD & Ravi Rajani, MD

1:00 pm – 3:00 pm

ROUND TABLE DISCUSSION

How to Get Involved in Research

Moderator: Peter Nelson, MD

3:00 pm

Registration Re-Opens

3:00 pm – 4:00 pm

Coffee/Snacks – Visit Exhibitors

4:00 pm – 6:00 pm

SCIENTIFIC SESSION V

Moderators: Matthew Corriere, MD & Misty Humphries, MD

4:00 pm – 4:12 pm

42

Long-Term Impact of Vascular Surgery Stress on Frail Older Patients

Ellen A. Gilbertson, Travis R. Bailey, Larry W. Kraiss, Claire L. Griffin, Brigitte K. Smith, Mark Sarfati, Julie Beckstrom, Benjamin S. Brooke—University of Utah School of Medicine, Salt Lake City, UT

4:48 pm – 4:56 pm

45

Access Type for Endovascular Repair in Ruptured Abdominal Aortic Aneurysms does not Affect Major Morbidity or Mortality

Thomas W. Cheng¹, Shelley K. Maithel¹, Nii-Kabu Kabutey², Roy M. Fujitani¹, Alik Farber¹, Virendra I. Patel¹, Douglas W. Jones¹, Denis Rybin³, Gheorghe Doros¹, Jeffrey J. Siracuse—¹Boston University School of Medicine, Boston, MA; ²Columbia University College of Physicians and Surgeons, New York, NY; ³Boston University School of Public Health, Boston, MA

4:56 pm

46 (RF)

Factors Associated with Medication Compliance in Vascular Surgery Patients

Hataka R. Minami, Mark S. Zemela, Jr., Matthew R. Smeds—Saint Louis University, Saint Louis, MO
Aorto-Caval Reconstruction for Inferior Vena Cava Leiomyosarcoma with Aortic Involvement
Anthony N. Grieff, Justin W. Ady, Randy Shafritz, William Beckerman, Saum Rahimi—Rutgers Robert Wood Johnson, New Brunswick, NJ

A Centralized Vascular Access Service Team for Tunneled Catheter Placement Reduces Time-to-Insertion in a Large Academic Medical Center
Hanna J. Barnes, Mark J. Bailey, Daniel K. Han, Roopa Kohli-Seth, Amy Brito, Francis S. Nowakowski, David S. Lee, Barry A. Love, Peter L. Faries—Icahn School of Medicine at Mount Sinai, New York, NY

Gaussian Surface Curvature Mapping Indicating High Risk Type B Thoracic Aortic Dissections
Sanjeev S. Dhara, Michael Hermens, Erin Abbott, Ross Milner, Cheong Jun Lee, Luka Pociavsek—University of Chicago, Chicago, IL; Northshore University HealthSystem, Evanston, IL

Aortic Dilation after Thoracic Endovascular Aneurysm Repair for Blunt Aortic Injury
Kenneth Tran, Ming Lai, Jordan Stern, Jason Lee—Stanford University, Stanford, CA

Pedal Acceleration Time: A Novel Predictor of Limb Salvage
Desarom Teso, Jill Sommerset, Beelaj Feliciano, Yolanda Vea, Riyad Karmy-Jones—Peacehealth Medical Southwest Medical Center, Vancouver, WA
TECHNOLOGY FORUM

2020 TECH EXCHANGE

The 2020 Vascular Technology Forum will showcase some of the best and newest devices the industry has to offer. In addition to some of the current workhorse technology in the aortic and peripheral spaces, this year’s forum plans to highlight new advances in percutaneous mechanical thrombectomy, embolization techniques, intra-arterial lithotripsy and more. The goal of this program is for industry to provide insight into current technology and a look at what treating physicians may see as it relates to up-and-coming developments in the pipeline.

DATE: Thursday, January 30, 2020
TIME: 12:30 pm - 3:30 pm

Note: This program is not eligible for CME credits.
SKI LIFT TICKETS

On behalf of our meeting attendees, special discounted rates for ski tickets have been secured through Steamboat Springs 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 30, please be sure to indicate this on the registration questionnaire. Arrangements will be made to have your lift tickets available in advance. Otherwise, tickets will be available at the registration desk during regular meeting registration hours.

TICKET PRICING

ADULT LIFT TICKETS (13+)

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<tr>
<td>2 OUT OF 3 DAY LIFT TICKET</td>
<td>$200</td>
<td>$100/DAY</td>
</tr>
<tr>
<td>3 OUT OF 4 DAY LIFT TICKET</td>
<td>$300</td>
<td>$100/DAY</td>
</tr>
<tr>
<td>4 OUT OF 5 DAY LIFT TICKET</td>
<td>$360</td>
<td>$90/DAY</td>
</tr>
<tr>
<td>5 OUT OF 6 DAY LIFT TICKET</td>
<td>$425</td>
<td>$85/DAY</td>
</tr>
<tr>
<td>6 OUT OF 7 DAY LIFT TICKET</td>
<td>$480</td>
<td>$80/DAY</td>
</tr>
</tbody>
</table>

CHILDREN (5-12)

<table>
<thead>
<tr>
<th>Ticket Type</th>
<th>Price (1 Day)</th>
<th>Price (2-6 Days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 DAY LIFT TICKET</td>
<td>$79</td>
<td></td>
</tr>
<tr>
<td>2 OUT OF 3 DAY LIFT TICKET</td>
<td>$158</td>
<td>$55/DAY</td>
</tr>
<tr>
<td>3 OUT OF 4 DAY LIFT TICKET</td>
<td>$237</td>
<td>$50/DAY</td>
</tr>
<tr>
<td>4 OUT OF 5 DAY LIFT TICKET</td>
<td>$316</td>
<td>$50/DAY</td>
</tr>
<tr>
<td>5 OUT OF 6 DAY LIFT TICKET</td>
<td>$395</td>
<td>$45/DAY</td>
</tr>
<tr>
<td>6 OUT OF 7 DAY LIFT TICKET</td>
<td>$426</td>
<td>$45/DAY</td>
</tr>
</tbody>
</table>
MEETING REGISTRANT

First Name
Last Name
Institution
Address
City State Zip Code Country
Daytime Telephone Email Address (Required For Confirmation)

REGISTRATION CATEGORY

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>EARLY BIRD FEE</th>
<th>REGISTRATION FEE</th>
</tr>
</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>
<td>$150</td>
<td>$175</td>
</tr>
<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>$150</td>
</tr>
<tr>
<td>Spouse/Partner/Guest</td>
<td>N/C</td>
<td>N/C</td>
</tr>
</tbody>
</table>

* A letter from your institution is required for verification which must be faxed to the National Office at 978-927-7872 prior to the Annual Meeting.

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 30, but registration is required.

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

PRESIDENT’S DINNER TICKETS
These tickets are for Saturday, February 1.

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

SKI LIFT TICKETS (SEE PREVIOUS PAGE FOR PRICES)

<table>
<thead>
<tr>
<th>(A) = Adult (13+)</th>
<th>(C) = Child (5-12)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Day Ticket</td>
<td>A ______</td>
</tr>
<tr>
<td>2-Day Ticket</td>
<td>A ______</td>
</tr>
<tr>
<td>3-Day Ticket</td>
<td>A ______</td>
</tr>
<tr>
<td>4-Day Ticket</td>
<td>A ______</td>
</tr>
<tr>
<td>5-Day Ticket</td>
<td>A ______</td>
</tr>
<tr>
<td>6-Day Ticket</td>
<td>A ______</td>
</tr>
<tr>
<td>7-Day Ticket</td>
<td>A ______</td>
</tr>
</tbody>
</table>

□ Please check here if you plan on skiing prior to Thursday, January 30.
Indicate early ski days: __________________________________________________

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!
Vascular and Endovascular Surgery Society

REGISTER ONLINE!

Deadline: Friday, January 10, 2020

44TH ANNUAL MEETING • JANUARY 30-FEBRUARY 2, 2020
STEAMBOAT GRAND • STEAMBOAT SPRINGS, CO

www.vesurgery.org

Vascular & Endovascular Surgery Society

National Office
100 Cummings Center, Suite 12-A
Beverly, MA 01915
www.vesurgery.org