

▪ VESS 2018 Annual Meeting ▪

Program Outline

Wednesday, January 31, 2018

6:00 pm – 10:00 pm Executive Council Meeting

Thursday, February 1, 2018

7:00 am – 5:00 pm Registration

8:15 am – 12:15 pm **VESS FELLOW PROGRAM**
Moderator: Karan Garg, MD

8:15m – 12:15pm **STUDENT MENTOR PROGRAM**
Moderator: Garbriela Velazquez, MD

10:30 am – 11:00 am Coffee Break

12:30 pm – 1:30 pm Fellows & Students Lunch Program

2:30 pm - 5:30 pm **TECHNOLOGY FORUM – DIDACTIC & HANDS-ON**
Moderator: Dawn Coleman, MD

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

Friday, February 2, 2018

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

6:00 am – 9:30 am Registration

7:00 am – 9:15 am **SCIENTIFIC SESSION I**
Moderators: Peter Nelson, MD & Justin Hurie, MD

7:00 am – 7:12 am 1
Effect of the Affordable Care Act on Vascular Patient Amputation Rates in Arkansas
Julie Duke¹, Austin Porter¹, Saleema Karim¹, Kevin W Sexton¹, Matthew R Smeds²; ¹University of Arkansas for Medical Sciences, Little Rock, AR; ²Saint Louis University, St. Louis, MO

7:12 am – 7:24 am 2
Encouraging Patients to Enroll is a Significant Obstacle in a Randomized Controlled Trial Irrespective of Site Performance.
Alik Farber¹, Kenneth Rosenfield², Jeffrey Siracuse¹, Matthew Menard³; ¹Boston Medical Center, Boston, MA; ²Massachusetts General Hospital, Boston, MA; ³Brigham and Women's Hospital, Boston, MA

7:24 am – 7:36 am 3
VascTrac Study: Accuracy of Activity Tracking using Smartphones in PAD Patients
Oliver Aalami, Raheel Ata, Neil Gandhi, Osama El-Gabalawy, Hannah Rasmussen, Kara Rothenberg; Ronald Dalman; Stanford University Division of Vascular Surgery, Stanford, CA

7:36 am – 7:48 am	4 Axillary Artery Conduit Is A Safe And Reliable Access for Implantation of Impella 5.0 Microaxial Pump Griffin Boll ¹ , Ariel Fischer ¹ , Navin Kapur ² , Payam Salehi ¹ ; ¹ Tufts Medical Center, Boston, MA; ² Tufts Medical Center, Boston, MA
7:48 am – 7:56 am	5 (CR) Explanting the Nellix Endograft: What We Observed. <i>Cheong J Lee¹, Robert Cuff²; ¹Medical College of Wisconsin, Milwaukee, WI; ²Spectrum Health, Grand Rapids, MI</i>
7:56 am – 8:04 am	6 (CR) Traumatic Aorto-Cisterna Chyli Fistula with Treatment of Aortic Pseudoaneurysm with CT-guided Thrombin Injection Brian M. Freeman, Benjamin C. Powell, A. Michael Devane, Allyson L. Hale, Sagar S. Gandhi; Greenville Health Systems, Greenville, SC
8:04 am – 8:12 am	7 (RF) A Novel Technique for Removal of Impella® Device While Maintaining Vascular Access <i>Christine L Shokrzadeh, Kaled Diab, Zulfiqar F. Cheema, Michael B. Silva, Jr., Charlie C. Cheng; UTMB, Galveston, TX</i>
8:12 am – 8:24 am	8 Intravascular Ultrasound (IVUS) in Venous Thoracic Outlet Syndrome <i>Tanner Kim, Timur Sarac, Kristine C Orion; Yale School of Medicine, New Haven, CT</i>
8:24 am – 8:35 am	9 The Utility of the Agatston Calcium Score in Predicting Carotid Plaque Vulnerability <i>William Yoon, Paul Crisostomo, Pegge Halandras, Carlos Bechara, Bernadette Aulivola; Loyola University Medical Center, Maywood, IL</i>
8:35 am – 8:47 am	10 Neutrophil to Lymphocyte Ratio as a Predictor of Mortality and Amputation Revision <i>Sesank S Mikkilineni¹, Willythssa P Louis², Jonathan Bath³, Michael C Scott¹, Michael P Harlander-Locke⁴, Lewis C Lyons¹, Mohammed M Moursi¹, Matthew R Smeds⁵; ¹University of Arkansas for Medical Sciences, Little Rock, AR; ²University of Cincinnati, Little Rock, OH; ³University of Missouri Hospital and Clinics, Columbia, MO; ⁴Lake Erie College of Osteopathic Medicine, Bradenton, FL; ⁵Saint Louis University, St. Louis, MO</i>
8:47 am – 8:55 am	11 (CR) Sex and Lesion Complexity Are Associated With Choice of Treatment Modality for Peripheral Vascular Interventions <i>Bjoern D Suckow¹, Niveditta Ramkumar², Jeremiah R Brown², Art S Sedrakyan³, David H Stone¹, Jack L Cronenwett¹, Philip P Goodney¹; ¹Dartmouth-Hitchcock Medical Center, Lebanon, NH; ²The Dartmouth Institute for Health Policy and Clinical Practice, Lebanon, NH; ³Weill Cornell Medical College, New York, NY</i>
8:55 am – 9:03 am	12 (RF) Preliminary Outcomes of Fenestrated Endovascular Aneurysm Repair using Gore Viabahn VBX <i>C. Y. Maximilian Png, Ignatius H Lau, Michael L Marin, Peter L Faries, Rami O Tadros; Icahn School of Medicine at Mount Sinai, New York, NY</i>
10:00 am – 12:00 pm	ROUND TABLE DISCUSSIONS (Optional Programming)
3:00 pm	Registration Re-Opens
3:30 pm – 4:00 pm	Coffee/Snacks – Visit Exhibitors

4:00 pm – 6:00 pm

SCIENTIFIC SESSION II

Moderators: Ravi Rajani, MD & Cheong Lee, MD

4:00 pm – 4:12 pm

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Analysis of Intraoperative Radiation Use in Vascular Surgery: Catalyst for Quality Improvement

Sharon Kiang¹, Khwaja Ahmed², Victoria Cha², Donald Farley², Ahmed Abou-Zamzam², Roger T Tomihama²; ¹VA Loma Linda Healthcare System, Loma Linda, CA; ²Loma Linda University Medical Center, Loma Linda, CA

4:12 pm – 4:24 pm

14

Emergency Department Utilization is High after Lower Extremity Bypass for Critical Limb Ischemia

Vangelina Osteguin, Thomas Cheng, Alik Farber, Mohammad H Eslami, Jeffrey Kalish, Douglas W Jones, Denis Rybin, Stephen J Raulli, Jeffrey J Siracuse; Boston University, Boston, MA

4:24 pm – 4:36 pm

15

Cryopreserved Homografts in Infected Infringuinal Fields are Associated with Frequent Reinterventions and Poor Amputation Free Survival

S. Keisin Wang, Ashley R Gutwein, Natalie A Drucker, Michael P Murphy, Andres Fajardo, Michael Dalsing, Raghu L Motaganahalli, Gary W Lemmon; Indiana University School of Medicine, Indianapolis, IN

4:36 pm – 4:48 pm

16

Carotid Revascularization Procedures Should Not Performed in Asymptomatic Patients with Moderate Carotid Artery Stenosis

Caitlin W Hicks, Besma Nejm, Hanaa Dakour Aridi, Satinderjit Locham, James H. Black, III, Mahmoud B. Mala; Johns Hopkins Medical Institutions, Baltimore, MD

4:48 pm – 4:56 pm

17 (RF)

Hybrid and Open Strategies for Bilateral Lower Extremity Inflow Revascularization

Saman Doroodgar Jorshery, Yawei Zhang, Jiajun Luo, Timur Sarac, Cassius Iyad Ochoa Chaar; Yale University School of Medicine, New Haven, CT

4:56 pm – 5:04 pm

18 (CR)

Use of Continuous External Tissue Expanders for Fasciotomy Closure

Jennifer M Lynde, Kamran Jafree, Laura Peterson, John Matsuura; Wright State University, Dayton, OH

5:04 pm – 5:12 pm

19 (CR)

Outcomes of Novel Up and Over Technique for Endoconduit Creation

Mohammad-Ali Shaikh, Cindy Ha, Carlos Timaran; UT Southwestern, Dallas, TX

5:12 pm – 5:24 pm

20

Comparison Of Perioperative Outcomes Of Patients With Iliac Aneurysms Treated By Open Surgery Or Endovascular Repair With Iliac Branch Endoprosthesis

Bernardo C Mendes, Gustavo S. Oderich, Giuliano Sandri, Salome Weiss, Jill K Johnstone, Fahad Shuja, Manju Kalra, Thomas C Bower, Randall R DeMartino; Mayo Clinic, Rochester, MN

5:24 pm – 5:36 pm

21

Factors Associated With Ipsilateral Limb Ischemia in Patients Undergoing Femoral Cannulation ECMO

Patricia Yau, Yu Xia, Saadat Shariff, William Jakobleff, Stephen Forest, Sonia Talathi, Evan Lipsitz, Larry Scher, Karan Garg; Montefiore Medical Center, Bronx, NY

5:36 pm – 5:48 pm

22

There is Limited Value in the One Month Post EVAR Surveillance CT Scan

Michael C Sault, Brian T Cheng, Heron E Rodriguez, Mark K Eskandari, Andrew W Hoel; Northwestern Memorial Hospital, Chicago, IL

5:48 pm – 6:00 pm 23
Arteriovenous Fistula And Graft Construction In Patients With Implantable Cardiac Devices: Side Does Not Matter
Michael D Sgroi, Graeme McFarland, Nathan Itoga, Ehab Sorial, Manuel Garcia-Toca; Stanford University, Stanford, CA

6:00 pm **VESS MEMBER BUSINESS MEETING**

7:15 pm Free Evening

Saturday, February 3, 2018

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 III
Moderators: Joanne Lugo, MD & Firas Mussa, MD

7:00 am – 7:12 am 24
Cerebrocervical Arteriopathy: An Association with Renal Artery Aneurysms in Individuals Exhibiting Renal Arterial Dysplasia
Hannah Hill, Santhi Ganesh, James Stanley, Niki Matusko, Dawn Coleman; University of Michigan, Ann Arbor, MI

7:12 am – 7:24 am 25
Assessment of Risk Analysis Index in Prediction of Mortality, Major Complications and Length of Stay in Vascular Surgery Patients
Shipra Arya¹, Sebastian Perez¹, Paula Tucker¹, Daniel Hall², Theodore M Johnson, II¹, Jason M Johanning³; ¹Emory University, Atlanta, GA; ²University of Pittsburgh, Pittsburgh, PA; ³University of Nebraska, Omaha, NE

7:24 am – 7:36 am 26
Provider Trends In Atherectomy Volume Between Office-Based Labs And Traditional Facilities
Margaret E Smith, Nicholas H Osborne; University of Michigan, Ann Arbor, MI

7:36 am – 7:48 am 27
Management of Abdominal Aortic Aneurysms with Atypical Renal Artery Anatomy
Jeffrey B Edwards¹, Mathew D Wooster², Adam Tanious¹, Martin R Back³; ¹University of South Florida, Tampa, FL; ²Medical University of South Carolina, Charleston, SC; ³University of Florida, Gainesville, FL

7:48 am – 7:56 am 28 (CR)
Patency and Follow Up of Endovascular Stents in the Treatment of Blunt Cerebrovascular Injury
Charles P Shahan, Nathan Manley, Benjamin R Zambetti, Michael J Rohrer, Shaun M Stickley, Kelly Kempe, Prateek Gupta, Reshma Brahmhatt; University of Tennessee Health Science Center, Memphis, TN

7:56 am – 8:04 am 29 (RF)
Predictors of Myocardial Infarction After Suprainguinal Bypass Using the Vascular Quality Initiative Cardiac Risk Index
Kyle R Diamond¹, Karen Woo², Dan Neal³, Yuanyuan Zha⁴, Roan J Glocker⁵, Daniel J Bertges⁶, Jessica P Simons⁷; ¹University of Massachusetts Medical School, Worcester, MA; ²David Geffen School of Medicine at UCLA, Los Angeles, CA; ³Society of Vascular Surgery Vascular Quality Initiative, Lebanon, NH; ⁴The Dartmouth Institute, Dartmouth College, Lebanon, NH; ⁵University of Rochester School of Medicine, Rochester, NY; ⁶University of Vermont Medical Center, Burlington, VT; ⁷University of Massachusetts Medical School, Worcester, MA

8:04 am – 8:12 am	30 (RF) Claims Variability in Charges and Payments for Common Vascular Procedures <i>Jeniann Yi, Michael Bronsert, Natalia Glebova; University of Colorado, Aurora, CO</i>
8:15 am – 8:45 am	AWARD SESSION Update from 2017 Winner(s) 2018 Award Winners: Gore Travel Award Medtronic Vascular Resident Research Award VESS Early Career Faculty Research Award
8:50 am – 9:00 am	Introduction of the President Jonathan Eliason, MD
9:00 am – 9:45 am	PRESIDENTIAL ADDRESS Peter Nelson, MD
3:00 pm	Registration Re-Opens
3:30 pm – 4:00 pm	Coffee/Snacks – Last Chance to Visit Exhibitors
4:00 pm – 6:00 pm	SCIENTIFIC SESSION IV Moderators: Mark Conrad, MD & Misty Humphries, MD
4:00 pm – 4:12 pm	31 Surveillance Recommendations Following TEVAR Should be Based on Initial Indication for Repair <i>Richard A Meena, Jaime Benarroch-Gampel, Bradley G Leshnower, Guillermo A Escobar, Yazan Duwayri, William D Jordan, Jr, Ravi R Rajani; Emory University School of Medicine, Atlanta, GA</i>
4:12 pm – 4:24 pm	32 The Effect of Mentoring Relationships on Interest in Vascular Surgery and Match Rank among Integrated Vascular Surgery Residents <i>Benjamin Jacobs, Anna Boniakowski, Nicholas Osborne, Dawn Coleman; University of Michigan, Ann Arbor, MI</i>
4:24 pm – 4:36 pm	33 A Regional Experience with Carotid Endarterectomy in Patients with a History of Neck Radiation <i>Laura T Boitano¹, Emel Ergul¹, Adam Tanious¹, James C Iannuzzi¹, Michol A Cooper¹, David H Stone², W. Darrin Clouse¹, Mark F Conrad¹; ¹Massachusetts General Hospital, Boston, MA; ²Dartmouth-Hitchcock Medical Center, Lebanon, NH</i>
4:36 pm – 4:48 pm	34 Aggressive Phenotype of Intravascular Lymphoma Relative To Other Malignant Intra-abdominal Tumors Requiring Vascular Resection With Grafting Andrea T Obi ¹ , Gloria Kim ¹ , Dawn M Coleman ¹ , Nicholas H Osborne ¹ , John E Rectenwald ² , Peter K Henke ¹ , Jonathan L Eliason ¹ ; ¹ University of Michigan, Ann Arbor, MI; ² University of Texas Southwestern, Dallas, TX
4:48 pm – 4:56 pm	35 (RF) Post-operative Outcomes Following Above Knee Amputation in Patients with Occluded Common Femoral Arteries <i>Matthew J Rossi, Jose Trani, Francis Caputo, Joseph Lombardi; Cooper Medical School of Rowan University, Camden, NJ</i>

- 4:56 pm – 5:04 pm 36 (CR)
Clinical Outcomes and False-Lumen Thrombosis Following Stanford Type-A and Type-B Aortic Dissection
Katherine L. Morrow¹, David J. Johnson¹, Andrew J. Shevitz¹, Patricia R. Campos¹, Vikram S. Kashyap², Alexis Powell²; ¹Case Western Reserve University School of Medicine, Cleveland, OH; ²University Hospitals Cleveland Medical Center, Cleveland, OH
- 5:04 pm – 5:12 pm 37 (RF)
A Comparison of Outcomes after Lower Extremity Bypass and Repeat Endovascular Intervention following Failed Previous Endovascular Intervention for Critical Limb Ischemia
Alexander H Shannon, J Hunter Mehaffey, J Michael Cullen, Irving L Kron, Gilbert R Upchurch, Jr., William P Robinson; University of Virginia, Charlottesville, VA
- 5:12 pm – 5:24 pm 38
Limb Stent Occlusion From Nellix Stent Migration and Prolapse
Jeffrey J Hing, Tze Tec Chong; Singapore General Hospital, Singapore
- 5:24 pm – 5:36 pm 39
Routine Use of Intravascular Ultrasound in Lower Extremity Peripheral Interventions Significantly Reduces Contrast Use and Maximizes Treatment Efficacy
Luke Pesonen, Chinmaya Shelgikar, Abdulhameed Aziz; St. Joseph Mercy Hospital, Ypsilanti, MI
- 5:36 pm – 5:48 pm 40
A Decade of TEVAR in New York State: Volumes, Outcomes, and Implications for the Dissemination of Endovascular Technology
Jordan R Stern¹, Tianyi Sun², Jialin Mao², Art Sedrakyan², Andrew J. Meltzer²; ¹Stanford University, Stanford, CA; ²Weill Cornell Medicine, New York, NY
- 5:48 pm – 5:56 pm 41 (RF)
Pediatric Vascular Surgical Practice Patterns
Patrick C Bonasso, II¹, M. Sidney Dassinger, III¹, Marie E. Saylor¹, Matthew R. Smeds², Mohammed M. Moursi¹; ¹University of Arkansas for Medical Sciences, Little Rock, AR; ²Saint Louis University, Saint Louis, MO
- 5:56 pm – 6:04 pm 42 (RF)
Fenestrated Endovascular Repair of Zone 1 and 2 Aortic Arch Pathologies
Hao Yun Yap, Hsien Ts'ung Tay, Jack Kian Ch'ng, John Chaw Chian Wang, Kiang Hiong Tay, Tze Tec Chong, Edward Tieng Chek Choke; Singapore General Hospital, Singapore
- 7:00 pm – 10:00 pm **PRESIDENT'S DINNER**

Sunday, February 4, 2018

- 6:30 am – 7:00 am Continental Breakfast
- 6:30 am – 9:30 am Registration
- 7:00 – 9:15 am** **SCIENTIFIC SESSION V**
Moderator: Jonathan Eliason, MD & Charles Fox, MD
- 7:00 am – 7:12 am 43
Outcomes of Octogenarians undergoing Elective Endovascular Aortic Repair Over Seven Consecutive Years: Do They Fare Worse than their Younger Counterparts?
Emily Lagergren, Deena Chihade, Henry Zhan, Shipra Arya, Luke Brewster, William Jordan, Yazan Duwayri; Emory, Atlanta, GA

- 7:12 am – 7:24 am 44
An Assessment of Reporting Standards in Critical Limb Ischemia
Kevin Chang, Venita Chandra, Brian DeRubertis; UCLA Hospital, Los Angeles, CA
- 7:24 am – 7:36 am 45
Development, Launch, and Evaluation of an Open-Access Vascular Surgery Handbook through House Officer Curriculum Crowdsourcing
Danielle C Sutzko¹, Matthew P Goldman², Anna E Boniakowski¹, Gurjit Sandhu¹, Gabriela Velazquez-Ramirez², Nicholas H Osborne¹, Matthew S Edwards², Matthew A Corriere¹;
¹University of Michigan, Ann Arbor, MI; ²Wake Forest University, Winston-Salem, NC
- 7:36 am – 7:44 am 46 (RF)
Predictors of Discharge to a Skilled Nursing Facility after EVAR
Laura T Boitano, James C Iannuzzi, Jahan Mohebal¹, Adam Tanious, Samuel I Schwartz, David C Chang, W. Darrin Clouse, Mark F Conrad; Massachusetts General Hospital, Boston, MA*
- 7:44 am – 7:52 am 47 (RF)
Multi-Branched Endovascular Aortic Aneurysm Repair In Patients With Chronic Aortic Dissections: Technical Challenges and Clinical Outcomes.
Evan C Werlin, Smita Kaushik, Warren Gasper, Megan Hoffman, Linda M Reilly, Timothy A Chuter, Jade S Hiramoto; UCSF, San Francisco, CA
- 7:52 am – 8:00 am 48 (RF)
Early Results with the Incraft AAA Graft
Heather L Gill¹, Robert James Doonan¹, Daniel I Obrand², Kent S MacKenzie¹, Oren K Steinmetz¹;
¹McGill University, Montreal, QC, Canada ²Jewish General Hospital, Montreal, QC, Canada
- 8:00 am – 8:12 am 49
Racial Disparities in Endovascular Aortic Aneurysm Repair
Adam Tanious, Nirmani Karunathilake, Joel Toro, Afif Hanna, Timothy Fawcett, Brian Graves, Peter R Nelson; University of South Florida, Tampa, FL
- 8:12 am – 8:24 am 50
Contralateral Occlusion does not predispose to Higher Stroke Rates after Carotid Endarterectomy
Prateek K Gupta, Kelly Kempe, Reshma Brahmhatt, Shaun M Stickley, Michael J Rohrer;
University of Tennessee Health Science Center, Memphis, TN
- 8:24 am – 8:36 am 51
Exploring The Information Architecture of Online Peripheral Artery Disease Forums: A Qualitative Characterization of eHealth Content, Perceptions, and Unmet Needs of Patients and Families
Peris R Castaneda, Matthew A Corriere; University of Michigan Medical School, Ann Arbor, MI
- 8:36 am – 8:48 am 52
Perioperative Outcomes for Open Versus Endovascular Abdominal Aortic Aneurysm Repair Based on Aneurysm Diameter
Christopher R Ramos¹, Ravi R Rajani¹, Guillermo A Escobar¹, Yazan Duwayri¹, Brian G Rubin², William D Jordan, Jr.¹, Jaime Benarroch-Gampel¹;
¹Emory University School of Medicine, Atlanta, GA; ²Washington University School of Medicine, St. Louis, MO
- 8:48 am – 9:00 am 53
Acute Limb Ischemia at a Tertiary Referral Center: Analysis of Compliance with Practice Guidelines
S. Keisin Wang, Ashley R Gutwein, Raghu L Motaganahalli, Andres Fajardo, Michael C Dalsing, Gary W Lemmon, A. George Akingba, Michael P Murphy; Indiana University School of Medicine, Indianapolis, IN

9:00 am

Annual Meeting Adjourns