

VESS 2019 Annual Meeting

PUBLISHED MANUSCRIPTS

If the authors published a manuscript, there will be a link directly to its PubMed Reference. If you would like to view the abstract, it can be found under the Program Book link.

Friday, February 1, 2019

7:00 am – 9:03 am

SCIENTIFIC SESSION I

7:00 am – 7:12 am

1
The Rates of Endovascular Tibial Intervention are Increasing without Affecting the Rates of Major Amputations
Peng Zhao, Javier Bautista, Joseph J Guido, Elaine L Hill, Gary R Morrow, Adam J Doyle, Jennifer L Ellis, Kathleen G Raman, Michael C Stoner, Roan J Glocker
University of Rochester, Rochester, NY

7:12 am – 7:24 am

2
Endovascular Aneurysm Repair Cost Varies by Complication Type and Center but Not by Endograft Manufacturer
Zachary J Wanken¹, Spencer W Trooboff¹, Barbara Gladders², Art Sedrakyan³, Jesse A Columbo¹, Bjoern D Suckow¹, David H Stone¹, Philip P Goodney¹
¹Dartmouth-Hitchcock, Lebanon, NH; ²The Dartmouth Institute, Lebanon, NH; ³Weill-Cornell Medical School, New York City, NY
[PUBMED REFERENCE](#)

7:24 am – 7:36 am

3
Are Volume Standards For Open AAA Repair Realistic?
Margaret E Smith, Danielle C Sutzko, Jonathan L Eliason, Peter K Henke, Nicholas H Osborne
University of Michigan, Ann Arbor, MI
[PUBMED REFERENCE](#)

7:36 am – 7:48 am

4
Incidence and Risk Factors for Deep Vein Thrombosis after Ablation of Superficial Lower Extremity Veins
Nathan K Itoga, Celine Deslarzes-Dubuis, Kara A Rothenberg, Elizabeth George, Venita Chandra, E John Harris
¹Stanford University, Stanford, CA
[PUBMED REFERENCE](#)

7:48 am – 7:56 am

5 (RF)
Vascular Complications Following Percutaneous Femoral Arterial Access at a Multi-Disciplinary Institution
Danielle R Lyon, Timothy M Sullivan, Andrew H Cragg, Peter B Alden, Jesse M Manunga, Elliot J Stephenson, Jessica M Titus, Joseph Karam, Xiaoyi Teng, Jason Q Alexander
Minneapolis Heart Institute Foundation, Minneapolis, MN

7:56 am – 8:04 am

6 (RF)
The Impact Of Achieving A Normal ABI On Patency And Limb Salvage After Peripheral Vascular Intervention.
Zdenek Novak, Johnston L Moore, John C Axley, Emily L Spangler, Benjamin J Pearce, Graeme E

McFarland, Mark A Patterson, Marc A Passman, Adam W Beck
University of Alabama at Birmingham School of Medicine, Birmingham, AL

8:04 am – 8:12 am

7 (RF)

Underutilization of Non Opioid Pain Medication in Patients Undergoing AAA Repair

John Phair¹, Dov Levine², Larry Scher¹, Karan Garg¹

¹Montefiore Medical Center, ²Albert Einstein College of Medicine, Bronx, NY

8:12 am – 8:24 am

8

Endovascular Creation of an Arteriovenous Fistula with a Next Generation 4 Fr Device Design for Hemodialysis Access: Clinical Experience from the EASE Study

Todd Berland, Greg Westin, Jason Clement, Joe Griffin, Mike Sadek, Sheila Blumberg, Mike Barfield, Tom Maldonado

New York University, New York, NY

8:24 am – 8:35 am

9

Management of Concomitant Vein Injury in the Setting of Military Popliteal Artery Trauma: Limb Outcomes Assessment

Jordan L Guice, Shaun M Gifford, Kai W Hata, Xiaoming Shi, Brandon W Propper, David S Kauvar

San Antonio Military Medical Center, Fort Sam Houston, TX

[PUBMED REFERENCE](#)

8:35 am – 8:47 am

10

System-wide Analysis Of Radiation Use Among Surgical Specialties: Identifying Where Vascular Surgeons Can Improve

Sharon C Kiang¹, Austin S Huh², Jessica R Davis², Hans K Boggs², Jon W Floresca², Donald V Farley², Ahmed M Abou-Zamzam, Jr. ², Roger T Tomihama²

¹Veterans Affairs Loma Linda Healthcare System; ²Loma Linda University Medical Center, Loma Linda, CA

8:47 am – 8:55 am

11 (RF)

Contemporary Upper Extremity Vascular Injury in Combat

Matthew Vuoncino, Andrew J. Soo Hoo, Paul W. White, Todd E. Rasmussen, Joseph M. White
Walter Reed National Military Medical Center, Bethesda, MD

[PUBMED REFERENCE](#)

8:55 am – 9:03 am

12 (RF)

A Systematic Review and Meta-Analysis Comparing Abdominal Aortic Aneurysm Repair Outcomes between Obese and Non-Obese Patients

Ian Wee¹, Hao Yun Yap², Edward Choke², Tze Tec Chong²

¹Yong Loo Lin School of Medicine, National University of Singapore, Singapore; ²Department of Vascular Surgery, Singapore General Hospital, Singapore

4:00 pm – 6:00 pm

SCIENTIFIC SESSION II

4:00 pm – 4:12 pm

13

Lowering the Ankle Brachial Index Threshold in Blunt Lower Extremity Trauma May Prevent Unnecessary Imaging

Jake F Hemingway, Enock A Adjei, Sarasijhaa K Desikan, Joel A Gross, Nam T Tran, Niten Singh, Elina Quiroga

University of Washington, Seattle, WA

[PUBMED REFERENCE](#)

4:12 pm – 4:24 pm

14

Expedited Arteriovenous Graft Creation For The Super-elderly Does Not Significantly Decrease Hemodialysis Catheter Time Or Short-term Morbidity

Miles Jackson, Luke Pesonen, Abdulhameed Aziz, Chinmaya Shelgikar, Ahmed Rehan
St. Joseph Mercy, Ann Arbor, Ypsilanti, MI

- 4:24 pm – 4:36 pm 15
Impact of Staged Vascular Management on Limb Outcomes in Wartime Femoropopliteal Arterial Injury
David S Kauvar¹, Brandon W. Propper¹, Zachary M. Arthurs¹, Thomas J. Walters²
¹San Antonio Military Medical Center, Fort Sam Houston, TX; ²United States Army Institute of Surgical Research, Fort Sam Houston, TX
[PUBMED REFERENCE](#)
- 4:36 pm – 4:48 pm 16
Discharge To A Facility Is Not Protective Against Wound Events Following Emergent Femoral Artery Repair
Joseph M Anderson, Thomas Brothers, Jacob Robison, Mathew Wooster, Ravikumar Veeraswamy, Rupak Mukherjee, Jean M Ruddy
Medical University of South Carolina, Charleston, SC
- 4:48 pm – 4:56 pm 17 (RF)
Penetrating Abdominal Aortic Injury: Comparison of Level I and II Trauma Centers
Brian M Sheehan, Areg Grigorian, Shelley Maithel, Boris Borazjani, Nii-Kabu Kabutey, Roy Fujitani, Michael Lekawa, Jeffrey Nahmias
University of California, Irvine Medical Center, Orange, CA
- 4:56 pm – 5:04 pm 18 (RF)
Use of Thrombolysis in Acute Lower Extremity Ischemia with Known Distal Target Vessel for Revascularization
Nicholas J Gargiulo, III
The Brookdale University Hospital & Medical Center, Mineola, NY
- 5:04 pm – 5:12 pm 19 (RF)
Anatomic Variation of the Phrenic Nerve and Brachial Plexus Encountered During 100 Supraclavicular Decompressions for Neurogenic Thoracic Outlet Syndrome with Associated Post-Operative Neurologic Complications
Scott R. Golarz¹, Joseph M. White²
¹Temple University Hospital, Philadelphia, PA; ²Walter Reed National Military Medical Center, Bethesda, MD
[PUBMED REFERENCE](#)
- 5:12 pm – 5:24 pm 20
Optimal Timing of Carotid Endarterectomy in Symptomatic Patients
James Andersen, Kristyn Mannoia, Sheela Patel, Sharon Kiang, Christian Bianchi, Theodore H. Teruya, Ahmed Abou-Zamzam, Jr.
Loma Linda University Medical Center, Loma Linda, CA
[PUBMED REFERENCE](#)
- 5:24 pm – 5:36 pm 21
“Analysis Of Genetic Polymorphism Of HLA-DRβ1 Alleles In Mexican Patients With Abdominal Aortic Aneurysms And Possible Associations With Susceptibility Or Protection”
Javier E. Anaya-ayala¹, Manuel Garcia-Toca², Susana Hernandez-Dono¹, Monica Escamilla-Tilch³, Jose Marquez-Garcia⁴, Kemberly Hernandez-Sotelo¹, Julio Granados¹, Carlos A. Hinojosa¹
¹Instituto Nacional de Ciencias Medicas y Nutricion Salvador Zubiran, Mexico; ²Stanford University, Palo Alto, CA; ³Centro Medico Nacional 20 de Noviembre, ISSSTE, Mexico; ⁴Instituto Nacional de Enfermedades Respiratorias Ismael Cosío Villegas, Mexico
[PUBMED REFERENCE](#)
- 5:36 pm – 5:48 pm 22
Performance of Drug Technology in Patients with Critical Limb Ischemia Treated with Paclitaxel-eluting Stents and Paclitaxel-coated Balloons
Matthew Carnevale¹, John Phair², Karan Garg²
¹Albert Einstein College of Medicine, Bronx, NY; ²Montefiore Medical Center, Bronx, NY
[PUBMED REFERENCE](#)

5:48 pm – 6:00 pm 23
Long-Term Proximal Aortic Remodeling Following Thoracic Endovascular Aortic Repair for Blunt Thoracic Aortic Injury
Emily H. Bero, Calvin T. Nguyen-Ho, Brian D. Lewis, William D. Foley, Cheong J. Lee
¹Medical College of Wisconsin, Milwaukee, WI

Saturday, February 2, 2019

7:00 am – 8:15 am SCIENTIFIC SESSION III

7:00 am – 7:12 am 24
Disparity in Outcomes after Revascularization for Critical Limb Ischemia Warrants Separate Reporting of Tissue Loss and Rest Pain
Anand Brahmandam¹, Navid Gholitabar¹, Jonathan Cardella¹, Naiem Nassiri¹, Alan Dardik¹, Marc Georgi², Cassius Iyad Ochoa Chaar¹
¹Yale University School of Medicine, New Haven, CT; ²Catalyst Medical Consulting, Simpsonville, SC

7:12 am – 7:24 am 25
Operative Complexity and Prior Endovascular Intervention Negatively Impact Morbidity after Aortobifemoral Bypass in the Modern Era
Charles Decarlo, Laura Boitano, Emel Ergul, Samuel I Schwartz, Robert T. Lancaster, Mark F Conrad, Matthew J Eagleton, W. Darrin Clouse
Massachusetts General Hospital, Boston, MA
[PUBMED REFERENCE](#)

7:24 am – 7:36 am 26
Obesity Should not Prevent Radiofrequency Ablation in C2 and C3 Venous Disease Patients
Peng Zhao, Mark D Balceniuk, Isabelle Chu, Luke Cybulski, Adam J Doyle
University of Rochester Medical Center, Rochester, NY

7:36 am – 7:48 am 27
Clinical Practice Patterns and Bias in Randomized Trials: A Survey of Investigators in the BEST-CLI Trial
Alik Farber¹, Matthew Menard², Susan Assmann³, Mazen S Albaghdadi⁴, Michael N. Young⁴, Maria F Villarreal¹, Sandra Siami³, George Sopko⁵, Diane Reid⁵, Michael Strong², Kenneth Rosenfield⁴
¹Boston Medical Center, Boston, MA; ²Brigham and Women's Hospital, Boston, MA; ³New England Research Institutes, Inc. (NERI), Watertown, MA; ⁴Massachusetts General Hospital, Boston, MA; ⁵National Heart, Lung, and Blood Institute (NHLBI) of the National Institutes of Health (NIH), Bethesda, MD

7:48 am – 7:56 am 28 (RF)
Long Term Quality of Life Comparison Between Supra and Infraclavicular Rib Resection in Patients with vTOS
Anahita Dua, Kara Rothenberg, Jason T Lee
Stanford University, Menlo Park, CA
[PUBMED REFERENCE](#)

7:56 am – 8:04 am 29 (RF)
Temporal Trends and Hospital Charges Associated with an Endovascular Approach for Acute Limb Ischemia
Courtenay M. Holscher, Joseph K. Canner, Jacqueline M. Garonzik Wang, Christopher J. Abularrage, James H. Black, III, Caitlin W. Hicks
Johns Hopkins University, Baltimore, MD

8:04 am – 8:12 am 30 (RF)

Influence of Suprarenal Fixation on Perioperative Renal Outcomes after EVAR: Keep the Function you Still Have

*Jaime Benarroch-Gampel, Christopher R Ramos, Amit Pujari, Yazan Duwayri, Ravi R Rajani, William D Jordan, Jr., Robert S Crawford
Emory University, Atlanta, GA*

4:00 pm – 6:00 pm

SCIENTIFIC SESSION IV

4:00 pm – 4:12 pm

31

Contemporary Outcomes of Peripheral Bypass Compared to Amputation in Octogenarians

*Cheryl Richie, Daniel Davenport, Nathan T. Orr
University of Kentucky, Lexington, KY*

4:12 pm – 4:24 pm

32

Renal Artery Coverage During EVAR for Ruptured AAA

Adam Tanious¹, Laura T Boitano¹, Linda J Wang¹, Murray L Shames², Jason T Lee³, Mathew J Eagleton¹, W. Darrin Clouse¹, Mark F Conrad¹

¹Massachusetts General Hospital, Boston, MA; ²University of South Florida, Tampa, FL;

³Stanford University, Stanford, CA

[PUBMED REFERENCE](#)

4:24 pm – 4:36 pm

33

The Reintervention Index A New Measure for Comparative Effectiveness of Lower Extremity Revascularization

Cassius Iyad Ochoa Chaar, Navid Gholitabar, Mara DeTrani, Saman Doroodgar, Haoran Zhuo, Yawei Zhang, Alan Dardik

Yale University, New Haven, CT

4:36 pm – 4:48 pm

34

Timing of Minor Amputation Following Lower Extremity Revascularization Impacts Healing Outcomes

Tia Sutton¹, Sanya Lulla², Sean Nassoiy², Carlos Bechara², Paul Crisostomo², Pegge Halandras², Michael Soult², Bernadette Aulivola²

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

4:48 pm – 4:56 pm

35 (RF)

Lower Socioeconomic Status Is Associated With Groin Wound Complications Following Revascularization for Peripheral Artery Disease

*Saagar C Bakshi, Amanda Fobare, Jaime Benarroch-Gampel, Victoria Teodorescu, Ravi R Rajani
Emory University, Atlanta, GA*

[PUBMED REFERENCE](#)

4:56 pm – 5:04 pm

36 (RF)

Utilization and Outcomes of Radial Artery Access for Lower Extremity Endovascular Intervention

Abhisekh Mohapatra, Zein M Saadeddin, Efthymios D Avgerinos, Georges E Al-Khoury, Eric S Hager, Mohammad H Eslami

University of Pittsburgh Medical Center, Pittsburgh, PA

5:04 pm – 5:12 pm

37 (RF)

Bilateral Iliac Vein Stenting Reduces Great and Small Saphenous Venous Reflux

Jesse Chait, Pavel Kibrik, Kevin Kenney, Ahmad Alsheekh, Yuriy Ostrozhynskyy, Anil Hingorani, Enrico Ascher, Sareh Rajaei

Vascular Institute of New York, Brooklyn, NY

5:12 pm – 5:24 pm

38

Opioid Consumption Following Carotid Revascularization

Mark D Balceniuk, Peng Zhao, Isabelle V Chu, Brian C. Ayers, Tianna M Negron, Kathleen Raman, Jennifer L Ellis, Adam J Doyle, Roan J Glocker, Michael C. Stoner
University of Rochester Medical Center, Rochester, NY

[PUBMED REFERENCE](#)

5:24 pm – 5:36 pm

39

Prolonged Door to Intervention Time is Not Associated with Inferior Outcomes for Ruptured AAAs

Frank M Davis, Danielle C Sutzko, Margaret E Smith, Katherine Gallagher, Peter K Henke, Nicholas H Osborne

University of Michigan, Ann Arbor, MI

[PUBMED REFERENCE](#)

5:36 pm – 5:48 pm

40

Comparison Of Perioperative Outcomes Following Iliac Branch Endoprostheses (IBE) Compared To Hypogastric Occlusion Or Open Surgery For elective Treatment Of Aortoiliac Aneurysms In The NSQIP Database

Mario D'Oria, Bernardo Mendes, Katherine Bews, Jill Johnstone, Fahad Shuja, Manju Kalra, Thomas Bower, Gustavo Oderich, Randall DeMartino

Mayo Clinic, Rochester, MN

[PUBMED REFERENCE](#)

5:48 pm – 5:56 pm

41 (RF)

A Survey of 2018 Integrated Vascular Surgery Applicants and Trends in the Integrated Vascular Surgery Match

Mark Conant¹, James Brooks¹, Murray Shames¹, Jason T Lee², Jeffrey Jim³

¹University of South Florida, Tampa, FL; ²Stanford University, Stanford, CA; ³Washington University St. Louis, St. Louis, MO

5:56 pm – 6:04 pm

42 (RF)

Vascular Access Types and Outcomes Vary Significantly by Race and Ethnicity

Timothy Copeland, Peter F Lawrence, Karen Woo

UCLA, Los Angeles, CA

[PUBMED REFERENCE](#)

Sunday, February 3, 2019

7:00 – 9:00 am

SCIENTIFIC SESSION V

7:00 am – 7:12 am

43

Selective Use of Anticoagulation or Dual Antiplatelet Therapy for Patients with Extra-Anatomic Bypasses

Victoria G Teveris¹, Jesse Columbo¹, Peter Bartline², Philip Goodney¹, David Stone¹, Bjoern Suckow¹

¹Dartmouth-Hitchcock Medical Center, Lebanon, NH; ²University of Wisconsin, Madison, WI

7:12 am – 7:24 am

44

Sexual Harassment in Vascular Surgery Training Programs

Melanie Nukala¹, Mollie Freedman-Weiss², Peter Yoo², Matthew R Smeds¹

¹Saint Louis University, Saint Louis, MO; ²Yale University, New Haven, CT

[PUBMED REFERENCE](#)

7:24 am – 7:36 am

45

Superior Short- and Long-Term Cardiovascular Morbidity and Mortality in Patients Undergoing PTFE Tibial/Peroneal Arterial Revascularization Compared to Primary Amputation

Nicholas J Gargiulo, III

The Brookdale University Hospital & Medical Center, Mineola, NY

- 7:36 am – 7:44 am 46 (RF)
Ambulatory Status following Major Lower Extremity Amputation
Katherine P MacCallum, Patricia Yau, Karan Garg
Montefiore Medical Center, Bronx, NY
- 7:44 am – 7:52 am 47 (RF)
Virtual Histology Of Human Arterial Wall Segments Using Microcomputed Tomography For Soft Tissue Imaging
Scott T Robinson¹, Ruth Levey¹, Eimear Dolan¹, David Connolly¹, Marcus Chin¹, Nicholas H Osborne², Peter Dockery¹, Peter K Henke², Garry P Duffy¹
¹NUI Galway, Galway, Ireland; ²University of Michigan, Ann Arbor, MI
- 7:52 am – 8:00 am 48 (RF)
Ambulatory Patients Undergoing Above-Knee Amputation have Significantly Higher Post-Operative Mortality Compared to Non-Ambulatory Patients
Patricia Yau¹, Charles DeCarlo², Katherine Maccallum¹, Patricia Friedmann³, Larry Scher¹, Saadat Shariff¹, Evan Lipsitz¹, Karan Garg¹
¹Montefiore Medical Center, Bronx, NY; ²Massachusetts General Hospital, Boston, MA; ³Albert Einstein College of Medicine, Bronx, NY
- 8:00 am – 8:12 am 49
Early Real World Experience with Endoanchors Based on Indication
Vy T Ho, Elizabeth L George, Anahita Dua, Kedar S Lavingia, Michael D Sgroi, Michael D Dake, Jason T Lee
Stanford University, Stanford, CA
[PUBMED REFERENCE](#)
- 8:12 am – 8:24 am 50
Factors Associated With Amputation After Peripheral Vascular Intervention (PVI) For Intermittent Claudication In The Vascular Quality Initiative (VQI)
John C. Axley¹, Zdenek Novak¹, Salvatore T. Scali², Mark A. Patterson¹, Benjamin J. Pearce¹, Graeme E. McFarland¹, Emily S. Spangler¹, Marc A. Passman¹, Adam W Beck¹
¹University of Alabama at Birmingham, Birmingham, AL; ²University of Florida College of Medicine, Gainesville, FL
[PUBMED REFERENCE](#)
- 8:24 am – 8:36 am 51
Digital Pedometer Based Outcome Monitoring for Patients Undergoing Intervention for Intermittent Claudication
Reid Ravin¹, Ageliki Voyouka², Rami Tadros², Daniel Han², Daniel Fremed³, Peter Faries²
¹Mount Sinai West Hospital, New York, NY; ²Mount Sinai Hospital, New York, NY; ³The Cardiovascular Care Group, Livingston, NJ
- 8:36 am – 8:48 am 52
Midterm Outcomes of Nellix EVAS According to Revised Instructions For Use
Kevin N Peek, Manar Khashram
Auckland District Health Board, Auckland, New Zealand
- 8:48 am – 9:00 am 53
Frailty Syndrome in Patients with Carotid Disease: Simplifying How We Calculate Frailty
Viraj Pandit, Sandeep Jahijj, Ashton Lee, Bradley Trinidad, Kaoru Goshima, Craig Weinkauf, Wei Zhou, Tze-Woei Tan
University of Arizona, Tucson, AZ
[PUBMED REFERENCE](#)