

# ▪ VESS 2022 Annual Meeting ▪

*Preliminary Program*

*(As of 11/4/21)*

## Wednesday, January 26, 2022

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

## Thursday, January 27, 2022

7:00 am – 5:00 pm

Registration

7:00 am

Continental Breakfast

7:30 am – 12:15 pm

**VASCULAR FELLOW PROGRAM** *(Invite Only)*

Moderator: Venita Chandra, MD

7:30 am – 12:15 pm

**GENERAL SURGERY RESIDENT PROGRAM** *(Invite Only)*

Moderator: Gabriela Velazquez, MD

7:30 am – 2:00 pm

**STUDENT MENTOR PROGRAM** *(Invite Only)*

Moderator: Nathan Orr, MD

12:15 pm – 12:45 pm

Lunch Break

12:45 pm - 3:45 pm

**TECHNOLOGY FORUM – DIDACTIC & HANDS-ON**

Moderator: Mounir Haurani, MD

4:00 pm – 6:00 pm

**SCIENTIFIC SESSION I**

Moderators: Jason Lee, MD & Karan Garg, MD

4:00 pm – 4:12 pm

1

**Psoas Muscle Area As A Prognostic Factor For Survival In Patients Undergoing Evar Conversion**

*Chris Jacobs, Salvatore Scali, Amanda Filiberto, Kyle Staton, Scott Robinson, Michol Cooper, Martin Back, Gilbert Upchurch, Thomas Huber; University of Florida, Gainesville, FL*

4:12 pm – 4:24 pm

2

**Drug-eluting Stents Are Associated With Good Mid-term Outcomes For The Treatment Of Failing Infrainguinal Bypass Grafts**

*David Stonko<sup>1</sup>, Rebecca Sorber<sup>1</sup>, Sarah E Deery<sup>2</sup>, Yasaman Kavousi<sup>1</sup>, James H Black, III<sup>1</sup>, Ying Wei Lum<sup>1</sup>, Bruce A Perler<sup>1</sup>, Christopher J Abularrage<sup>1</sup>, Caitlin W Hicks<sup>1</sup>; <sup>1</sup>Johns Hopkins, Baltimore, MD; <sup>2</sup>Maine Medical Center, Portland, ME*

4:24 pm – 4:36 pm

3

**Comparison Of Transcarotid Artery Revascularization And Transfemoral Carotid Artery Stenting Outcomes Among Symptomatic And Asymptomatic Patients Based On Lesion Calcification**

*Jerry Zhu<sup>1</sup>, Ajit Rao<sup>2</sup>, Windsor Ting<sup>2</sup>, Daniel Han<sup>2</sup>, Rami Tadros<sup>2</sup>, David Finlay<sup>2</sup>, John Phair<sup>2</sup>, Ageliki Vouyouka<sup>2</sup>, Michael Marin<sup>2</sup>, Peter Faries<sup>1</sup>; <sup>1</sup>Icahn School of Medicine at Mount Sinai, New York, NY; <sup>2</sup>The Mount Sinai Hospital, New York, NY*

4:36 pm – 4:48 pm

4

**Renal Artery Stenosis Due To Entrapment**

*Dongjin Suh, Victor Hatcher, John Muhonen, Mel J Sharafuddin; University of Iowa, Iowa City, IA*

4:48 pm – 4:56 pm	<p>5 (RF)</p> <p><b>Statin Use Reduces Mortality In Patients Who Develop Major Complications After Transcarotid Artery Revascularization</b></p> <p>Heepeel Chang, MD<sup>1</sup>, Muhammad Zeeshan, MD<sup>1</sup>, Caron B. Rockman, MD<sup>2</sup>, Frank J. Veith, MD<sup>2</sup>, Igor Laskowski, MD, PhD<sup>1</sup>, Vikram S. Kashyap, MD<sup>3</sup>, Glenn R. Jacobowitz, MD<sup>2</sup>, Karan Garg, MD<sup>2</sup>, Mikel Sadek, MD<sup>2</sup>, Thomas S. Maldonado, MD<sup>2</sup>.</p> <p><sup>1</sup>Westchester Medical Center, New York Medical College, Valhalla, NY, USA, <sup>2</sup>New York University Langone Medical Center, New York, NY, USA, <sup>3</sup>University Hospitals Cleveland Medical Center, Cleveland, OH, USA.</p>
4:56 pm – 5:04 pm	<p>6 (RF)</p> <p><b>The Effect Of Socioeconomic Status On Amputation Outcomes And Limb Salvage Interventions</b></p> <p><i>Tyler Buckley<sup>1</sup>, Ahsan Zil-E-Ali<sup>2</sup>, Ryan King<sup>1</sup>, Ravi Veeraswamy<sup>1</sup>, Faisal Aziz<sup>2</sup>, Elizabeth Genovese<sup>1</sup>; <sup>1</sup>Medical University of South Carolina, Charleston, SC; <sup>2</sup>Penn State Health, Hershey, PA</i></p>
5:04 pm – 5:12 pm	<p>7 (RF)</p> <p><b>Association Of Gun Violence With Vascular Injury And Worse Mortality Outcomes In The Pediatric Population</b></p> <p><i>Momodou L. Jammeh; Annie Hess, MD and J. Wesley Ohman, MD; Washington University in St. Louis School of Medicine, St Louis, MO</i></p>
5:12 pm – 5:24 pm	<p>8</p> <p><b>The Importance Of A Multi-disciplinary Approach For Improving Abdominal Aortic Aneurysm Screening In A Non-HMO Healthcare System</b></p> <p><i>Matthew W Mell, Janet P Wells, Angela Aguirre; University of California Davis, Sacramento, CA</i></p>
5:24 pm – 5:36 pm	<p>9</p> <p><b>Endovascular (TEVAR) Versus Open Surgical Repair For The Management Of Unruptured Thoracic Aortic Aneurysms In Patients With Marfan's Syndrome</b></p> <p><i>Steven H Liu<sup>1</sup>, Brandon Muncan<sup>1</sup>, Emily Wang<sup>1</sup>, Nicholas J Moehring<sup>1</sup>, Ayush Sangari<sup>1</sup>, Lucyna Z Price<sup>2</sup>; <sup>1</sup>Renaissance School of Medicine at Stony Brook University, Stony Brook, NY; <sup>2</sup>Stony Brook University Hospital, Stony Brook, NY</i></p>
5:36 pm – 5:48 pm	<p>10</p> <p><b>A Comparison Of Revised Frailty Score Range Association With National Lower Extremity Bypass Outcomes By Gender</b></p> <p><i>James M Dittman<sup>1</sup>, Kedar S Lavingia<sup>2</sup>, Robert A Larson<sup>2</sup>; <sup>1</sup>Virginia Commonwealth University School of Medicine, Richmond, VA; <sup>2</sup>VCUHealth, Richmond, VA</i></p>
5:48 pm – 6:00 pm	<p>11</p> <p><b>Operative Autonomy: Assessing Resident Impact On Surgical Outcomes In Below The Knee Amputations</b></p> <p><i>Alexander Simmonds, Diana Otoya, Kedar S Lavingia, Michael Amendola; Virginia Commonwealth University, Richmond, VA</i></p>
6:00 – 7:30 pm	<p><b>WELCOME RECEPTION</b></p> <p>All attendees, guests &amp; exhibitors are welcome.</p>

## Friday, January 28, 2022

6:00 am – 7:00 am	Continental Breakfast in the Exhibit Hall
6:00 am – 9:30 am	Registration
<b>7:00 am – 9:04 am</b>	<p><b>SCIENTIFIC SESSION II</b></p> <p>Moderators: Gabriela Velazquez, MD &amp; Matthew Smeds, MD</p>

- 7:00 am – 7:12 am 12  
**The Use Of Paclitaxel-Coated Devices In The Treatment Of Peripheral Arterial Disease Is Not Associated With Increased Mortality Or Amputations**  
*Evan Bair, Gregory G Salzler, Beau McCarver, Shengxuan Wang, Benjamin Greif, Matthew Major, Evan J Ryer, James R Elmore; Geisinger Medical Center, Danville, PA*
- 7:12 am – 7:24 am 13  
**Large Fenestrations Versus Scallops For The SMA During Fenestrated EVAR: Does It Matter?**  
*Sabina M Sorondo, Shernaz S Dossabhoy, Kenneth Tran, Vy T Ho, Jordan R Stern, Jason T Lee; Stanford Health Care, Palo Alto, CA*
- 7:24 am – 7:36 am 14  
**Impact Of Socioeconomic Status On Major Amputation In Patients With Peripheral Vascular Disease And Diabetes Mellitus**  
*Rachel R Fan<sup>1</sup>, Andrew K Gibson<sup>2</sup>, Matthew R Smeds<sup>1</sup>, Emad Zakhary<sup>1</sup>; <sup>1</sup>Saint Louis University, St. Louis, MO; <sup>2</sup>Veterans Affairs St. Louis Health Care System, St. Louis, MO*
- 7:36 am – 7:48 am 15  
**Differences In Aortic Intramural Hematoma Contrast Attenuation On Multi-Phase CTA Predict Long-term Aortic Morphologic Change**  
*Charles Decarlo, Zachary Feldman, Brandon Sumpio, Arminster Jassar, Abhisekh Mohapatra, Matthew J Eagleton, Anahita Dua, Jahan Mohebali; Massachusetts General Hospital, Boston, MA*
- 7:48 am – 7:56 am 16 (RF)  
**Analysis Of Publicly Reported Adverse Events In The Vici And Venovo Venous Stent Systems**  
*Yuchi Ma, James Dittman, Kedar S Lavingia, Michael Amendola; Virginia Commonwealth University, Richmond, VA*
- 7:56 am – 8:04 am 17 (RF)  
**Real World Experience With The Human Acellular Vessel: A Bioengineered Implant For Arterial Repair That Expands Limb Salvage Options**  
*Alexis L Lauria<sup>1</sup>; Alexander J Kersey<sup>1</sup>, Brandon W Propper<sup>1</sup>, Paul W White<sup>1</sup>, W. Darrin Clouse<sup>2</sup>, Daniel R Calderon<sup>3</sup>, Todd E Rasmussen<sup>4</sup>, Joseph M White<sup>1</sup>; <sup>1</sup>Uniformed Services University of the Health Sciences and Walter Reed National Military Medical Center, Bethesda, MD; <sup>2</sup>University of Virginia, Charlottesville, VA; <sup>3</sup>Heart and Vascular Institute, University of Pittsburgh Medical Center, Harrisburg, PA; <sup>4</sup>Mayo Clinic, Rochester, MN*
- 8:04 am – 8:12 am 18 (RF)  
**Novel Use Of Trans-carotid Revascularization System For Brachiocephalic Vascular Interventions**  
*Viraj Pandit, Peter Nelson, Steven Vang, Kelly Kempe, Kimberly Zamor, William Jennings, Hyein Kim; University of Oklahoma, Tulsa, OK*
- 8:12 am – 8:24 am 19  
**Female Gender Is Associated With Worse Outcomes Following Complex Fenestrated Or Branched Endovascular Aortic Repair**  
*Brendan Gontarz<sup>1</sup>, Ilene Staff<sup>2</sup>, Randall DeMartino<sup>3</sup>, Akhilesh Jain<sup>2</sup>, Rasheed Majeen<sup>2</sup>, Elizabeth Aitcheson<sup>2</sup>, Parth Shah<sup>2</sup>, Edward Gifford<sup>2</sup>; <sup>1</sup>University of Connecticut, Farmington, CT; <sup>2</sup>Hartford Hospital, Hartford, CT; <sup>3</sup>Mayo Clinic, Rochester, MN*
- 8:24 am – 8:36 am 20  
**Endovascular Repair In Patients With Heritable Thoracic Aortic Disease**  
*Julie R Solomon, J. Westley Ohman, Alan C Braverman; Washington University School of Medicine, St. Louis, MO*

8:36 am – 8:48 am

21

**Clinical Outcomes Of A Diagnostic And Management Protocol For Popliteal Artery Entrapment Syndrome At A Large Referral Center**

*Amir Ghaffarian, Reginald Nkansah, Elina Quiroga, Nam Tran, Benjamin Starnes, Niten Singh; University of Washington, Seattle, WA*

8:48 am – 8:56 am

22 (RF)

**Analysis Of Concomitant And Isolated Venous Injury In Military Lower Extremity Trauma**

*Anne E O'Shea<sup>1</sup>, Matthew Burgess<sup>2</sup>, David S Kauvar<sup>1</sup>; <sup>1</sup>Brooke Army Medical Center, Fort Sam Houston, TX; <sup>2</sup>US Army Institute of Surgical Research, Fort Sam Houston, TX*

8:56 am – 9:04 am

23 (RF)

**Evaluating Neutrophil-to-lymphocyte Ratio As A Predictive Tool For Post-operative Outcomes In Patients Undergoing Open Lower Extremity Revascularization Procedures**

*Lily S. F. Adler, Emann M. Rabie, Samantha M. Shave, Anoop Alla, Saum A. Rahimi, William E. Beckerman; Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ*

9:30 am – 11:00 pm

**INTERESTING CASE REPORT SESSION 1**

Moderator: Mark Conrad, MD

CR1

**Paradoxical Arterial Embolization Of A Missile Via The Pulmonary Vein In A Pediatric Penetrating Trauma Patient**

*M. Libby Weaver<sup>1</sup>, Phillip D Jenkins<sup>2</sup>, Faidah Badru<sup>1</sup>, Kyle M Staton<sup>1</sup>, Thomas S Huber<sup>1</sup>, Moiz M Mustafa<sup>1</sup>, Samir Shah<sup>1</sup>; <sup>1</sup>University of Florida, Gainesville, FL; <sup>2</sup>University of Florida School of Medicine, Gainesville, FL*

CR2

**Distal Brachial Artery Embolization For The Treatment Of Dialysis Access Steal Syndrome**

*Brian M Leoce, Helen S Wei, Kevin Z Molnar, Steven M Hadley, Jr., Joe T Huang, Michael A Curi; Rutgers New Jersey Medical School, Newark, NJ*

CR3

**Concurrent Nutcracker Syndrome And Superior Mesenteric Artery Syndrome Requiring Duodenojejunal Bypass And Left Renal Vein Transposition**

*Taylor N Laskowski<sup>1</sup>, Alexandre d'Audiffret<sup>1</sup>, Sungho Lim<sup>2</sup>; <sup>1</sup>Rush University, Chicago, IL; <sup>2</sup>Rush University, Chicago, IL*

CR4

**Transthoracic Embolization Of A Persistent Endoleak After Aortic Debranching And Zone 0 Tevar**

*Gerardo G. Guardiola, Carla K.Scott, Jesus P Colon, Anna L. Driessen, Felipe A. Pavarino, Marilisa S. Gonzalez, Mirza S. Baig, Melissa L. Kirkwood, Carlos H. Timaran; UTSouthwestern, Dallas, TX*

CR5

**False Lumen Deployment Of A Ctag Frozen Elephant Trunk During Acute Aortic Dissection Repair Can Be Rescued With Subacute Tevar And Distal Petticoat Technique**

*Kush J Sharma, Eanas S Yassa; Spectrum Health/Michigan State University College of Human Medicine, Grand Rapids, MI*

CR6

**Management Of Ruptured Common Carotid Pseudoaneurysm Following Trans-carotid Arterial Revascularization In A Patient With Type III Aortic Arch**

*Joshua S Meredith<sup>1</sup>, Brian Kuhn<sup>1</sup>, Andrew Ringer<sup>2</sup>, Patrick Muck<sup>1</sup>, Matthew Recht<sup>1</sup>, Aaron Kulwicki<sup>1</sup>, Mark Broering<sup>1</sup>; <sup>1</sup>Trihealth, Cincinnati, OH; <sup>2</sup>Trihealth, Cincinnati, OH*

1:00 pm – 2:00 pm

**ASK THE EXPERTS SESSION**

**Practical Guide to Your First 3 Years**

Moderator: Jeanie Ruddy, MD

2:00 pm – 3:00 pm

**INDUSTRY SPONSORED SYMPOSIUM - TBD**

3:00 pm

Registration Re-Opens

3:00 pm – 4:00 pm

Coffee/Snacks – Visit Exhibitors

**4:00 pm – 6:00 pm**

**SCIENTIFIC SESSION III**

Moderators: Dawn Coleman, MD & Kedar Lavingia, MD

4:00 pm – 4:12 pm

24

**Unrecognized Cognitive Impairment Is Common In A VA Population With Peripheral Arterial Disease**

*Eric J.T. Smith, Warren J. Gasper, Peter Schneider, Emily Finlayson, Louise C. Walter, Ken E. Covinsky, Michael S. Conte, James C. Iannuzzi; University of California San Francisco, San Francisco, CA*

4:12 pm – 4:24 pm

25

**Midterm Clinical Outcomes Of Retrograde Open Mesenteric Stenting For Mesenteric Ischemia**

*Nolan C Cirillo-Penn<sup>1</sup>, Randall R DeMartino<sup>1</sup>, Todd E Rasmussen<sup>1</sup>, Fahad Shuja<sup>1</sup>, Jill J Colglazier<sup>1</sup>, Manju Kalra<sup>1</sup>, Gustavo S Oderich<sup>2</sup>, Bernardo C Mendes<sup>1</sup>; <sup>1</sup>Mayo Clinic, Rochester, MN; <sup>2</sup>The University of Texas Health Science Center at Houston, Houston, TX*

4:24 pm – 4:36 pm

26

**Increased Regional Market Competition Lowers Threshold For Revascularization In Asymptomatic Carotid Artery Stenosis**

*Rebecca A Sorber<sup>1</sup>, Courtenay M Holscher<sup>1</sup>, Devin S Zarkowsky<sup>2</sup>, Christopher J Abularrage<sup>1</sup>, James H Black, III<sup>1</sup>, Caitlin W Hicks<sup>1</sup>; <sup>1</sup>The Johns Hopkins Hospital, Baltimore, MD; <sup>2</sup>University of Colorado Anschutz School of Medicine, Denver, CO*

4:36 pm – 4:48 pm

27

**Pre-existing Systolic Dysfunction Is The Most Powerful Predictor Of Failed Arteriovenous Fistula Maturation**

*Christian C Faaborg-Andersen, Christopher R Ramos, Keri Minton, Jaime Benarroch-Gampel, Victoria J Teodorescu, Ravi R Rajani; Emory University School of Medicine, Atlanta, GA*

4:48 pm – 4:56 pm

28 (RF)

**Role Of Growth Factors In Smooth Muscle Cell Migration In Tissue Engineered Vascular Grafts**

*Lauren N West-Livingston<sup>1</sup>, Young Min Ju<sup>1</sup>, Gabriela A Velazquez<sup>2</sup>, Anthony Atala<sup>1</sup>, Sang Jin Lee<sup>1</sup>; <sup>1</sup>Wake Forest School of Medicine, Winston Salem, NC; <sup>2</sup>Atrium Health Wake Forest Baptist, Winston Salem, NC*

4:56 pm – 5:04 pm

29 (RF)

**Outcomes Of Carotid Artery Stenting In Patients With Carotid Tandem Lesions**

*Nadin Elsayed<sup>1</sup>, Munir Paul Moacdieh<sup>1</sup>, Taiwo Dodo-Williams<sup>1</sup>, Asma Mathlouthi<sup>1</sup>, Raghu Motaganahalli<sup>2</sup>, Mahmoud Malas<sup>1</sup>; <sup>1</sup>University of California San Diego, La Jolla, CA; <sup>2</sup>Indiana University School of Medicine, Indianapolis, IN*

5:04 pm – 5:12 pm

30 (RF)

**Endovascular Repair Of Delayed Endologix AFX Graft Failure Is Superior To Open Repair With Explant**

*Michael P Bianco, Elizabeth A Blazick, Kimberly T Malka, Truc M Ta, Robert E Hawkins, Paul H S Bloch, Brian W Nolan, Nathan J Aranson; Maine Medical Center, Portland, ME*

- 5:12 pm – 5:24 pm 31  
**Anatomic Factors Contributing To External Iliac Artery Endofibrosis In High Performance Athletes**  
*Andrea T Fisher, Kenneth Tran, Shernaz S. Dossabhoy, Sabina Sorondo, Arash Fereydooni, Jason T Lee; Stanford University, Stanford, CA*
- 5:24 pm – 5:36 pm 32  
**Lower Extremity Revascularization Among Patients With Premature Peripheral Artery Disease Compared To Patients At The Common Age Of Presentation In The Vascular Quality Initiative**  
*Tanner Kim, Sarah Loh, Andrew Dewan, Michael Murray, Hamid Mojibian, Arya Mani, Carlos Mena-Hurtado, Cassius Iyad Ochoa Chaar; Yale University School of Medicine, New Haven, CT*
- 5:36 pm – 5:48 pm 33  
**Association Of Loss Of Commercial Insurance And The Risk Of Lower Extremity Amputation In Peripheral Artery Disease**  
*Caronae M Howell<sup>1</sup>, Adelina Lane<sup>2</sup>, Juan Camilo Arias<sup>1</sup>, Craig C Weinkauf<sup>1</sup>, David Armstrong<sup>3</sup>, Tze-Woei Tan<sup>1</sup>; <sup>1</sup>Banner UMC, Tucson, AZ; <sup>2</sup>University of Arizona School of Medicine, Tucson, AZ; <sup>3</sup>University of Southern California, Los Angeles, CA*
- 5:48 pm – 6:00 pm 34  
**High Dose-rate Brachytherapy For Lower Extremity In-stent Restenosis: A 18-year, Single-center Experience**  
*Rowza T Rumma<sup>1</sup>, Christian D Cerecedo-Lopez<sup>2</sup>, Christine T Wu<sup>1</sup>, Phillip M Devlin<sup>2</sup>, Edwin C Gravereaux<sup>1</sup>, Piotr S Sobieszczyk<sup>1</sup>, Michael T Belkin<sup>1</sup>, Matthew T Menard<sup>1</sup>; <sup>1</sup>Brigham and Women's Hospital, Boston, MA; <sup>2</sup>Dana Farber Cancer Institute, Boston, MA*

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

6:15 pm **Free Evening or Industry Symposium**

## Saturday, January 29, 2022

- 6:00 am – 7:00 am Continental Breakfast in the Exhibit Hall  
 6:00 am – 9:30 am Registration
- 7:00 am – 9:00 am** **SCIENTIFIC SESSION IV**  
 Moderators: Roan Glocker, MD & Jaime Bennaroch-Gampel, MD
- 7:00 am – 7:12 am 35  
**Surgical Deep Vein Arterialization: Adding To The Armamentarium Of Complex Limb Salvage**  
*Alexis L Lauria<sup>1</sup>, Brandon W Propper<sup>1</sup>, Richard F Neville<sup>2</sup>; <sup>1</sup>Walter Reed National Military Medical Center, Bethesda, MD; <sup>2</sup>Inova Heart and Vascular Institute, Falls Church, VA*
- 7:12 am – 7:24 am 36  
**TEVAR With Supra-Aortic Trunk Revascularization Is Associated With Increased Risk Of Periprocedural Ischemic Stroke**  
*Ruojia Debbie Li, Matthew C Chia, Mark K Eskandari; Northwestern University, Chicago, IL*
- 7:24 am – 7:36 am 37  
**Utilization of Thromboelastography with Platelet Mapping for Prediction of Poor Wound Healing and Infection in Postoperative Vascular Patients**  
*Monica Majumdar<sup>1</sup>, Davis Waller<sup>1</sup>, Srihari Lella<sup>1</sup>, Brandon Sumpio<sup>1</sup>, Zach M Feldman<sup>1</sup>, Young Kim<sup>1</sup>, Charles S Decarlo<sup>1</sup>, Jessica Cardenas<sup>2</sup>, Ryan P Hall<sup>3</sup>, Kathryn Nuzzolo<sup>1</sup>, Amanda Kirshklan<sup>1</sup>, Anahita Dua<sup>1</sup>; <sup>1</sup>Massachusetts General Hospital/Harvard Medical School, Boston, MA; <sup>2</sup>University of Texas-Houston, Houston, TX; <sup>3</sup>Tufts Medical Center/Tufts University School of Medicine, Boston, MA*

- 7:36 am – 7:48 am 38  
**“Large Diameter” Aortic Endografts Are Associated With Aneurysm Sac Expansion**  
*Patricia Lu<sup>1</sup>, Young Erben<sup>2</sup>, Randall DeMartino<sup>3</sup>, Bernardo Mendes<sup>3</sup>, William Stone<sup>1</sup>, Victor Davila<sup>1</sup>, Ina Soh<sup>1</sup>, William Sheaffer<sup>1</sup>, Austin Pierce<sup>1</sup>, Andrew Meltzer<sup>1</sup>; <sup>1</sup>Mayo Clinic, Phoenix, AZ; <sup>2</sup>Mayo Clinic, Jacksonville, FL; <sup>3</sup>Mayo Clinic, Rochester, MN*
- 7:48 am – 7:56 am 39 (RF)  
**Impact Of “Defensive Medicine” On The Costs Of Diabetes And Associated Conditions**  
*Austin Pierce<sup>1</sup>, William Sheaffer<sup>1</sup>, Victor Davila<sup>1</sup>, Ina Soh<sup>1</sup>, Ellen Meltzer<sup>1</sup>, Francesco Aiello<sup>2</sup>, Andrew Meltzer<sup>1</sup>; <sup>1</sup>Mayo Clinic Arizona, Phoenix, AZ; <sup>2</sup>University of Massachusetts Memorial Health, Northborough, MA*
- 7:56 am – 8:04 am 40 (RF)  
**Longer Healing Times, Higher Recurrence Rates, And Increased Incidence Of DVT Following Cyanoacrylate Ablation For Active Venous Ulcerations**  
*Lindsey Korepta, Matthew Ward; Loyola University Medical Center, Maywood, IL*
- 8:04 am – 8:12 am 41 (RF)  
**Clinical Outcomes And Management Of Patients Presenting With Intermittent Claudication And A Low Toe Brachial Index**  
*Drew Bromenshenkel, Alyssa Field, Lori Pounds, Clay Quint; Audie L. Murphy Memorial VA Hospital, San Antonio, TX*
- 8:15 am – 9:00 am **AWARD SESSION**  
Moderators: Benjamin Brooke, MD & Jason Lee  
  
Update from 2020 Winners  
Travel Award: **Gregory Magee** (Postponed)  
Resident Research Award: **Christopher Audu**  
  
Update from 2021 Winners  
Travel Award: **Tze-Woei Tan**  
Resident Research Award: **Kenneth Tran**  
Early Career Faculty: **Tammy Nguyen**  
  
2022 Award Winners Announcement  
Travel Award  
Resident Research Award  
Early Career Faculty Award
- 9:00 am – 9:15 am **Introduction of the President**  
Ravi Veeraswamy, MD
- 9:15 am – 10:00 am **PRESIDENTIAL ADDRESS**  
Jason Lee, MD
- 10:30 am – 11:30 pm **INTERESTING CASE REPORT SESSION 2**  
Moderator: Manuel Garcia-Toca  
  
CR7 (Video)  
**A Case Of Congenital Absence Of The Inferior Vena Cava And Deep Vein Thrombosis**  
*Matt Low; Prisma Health Upstate, Greenville, SC*  
  
CR8  
**Clinical Application Of Surgeon-modified Double Inner Branched Stent Graft To Treat Aortic Arch Aneurysm**  
*William J. Yoon<sup>1</sup>, Ian Stines<sup>2</sup>, Cheong J. Lee<sup>1</sup>; <sup>1</sup>NorthShore University HealthSystem, Skokie, IL; <sup>2</sup>University of Chicago Pritzker School of Medicine, Chicago, IL*

CR9 (Video)

**Innominate Artery Aneurysm Repair With Arch Debranching**

*Ross G McFall, Maham Rahimi, Thomas MacGillivray; Houston Methodist Hospital, Houston, TX*

CR10

**Revascularization Of Absent Right Common Iliac Artery In A Young Athlete**

*Michael J Paisley, Joshua Villarreal, Hanjay Wang, Jason T Lee; Stanford University, Palo Alto, CA*

CR11 (Video)

**Endovascular Treatment Of Severely Stenotic Homograft In A Congenital Truncus Arteriosus Patient**

*Tru Dang, Agenor Dias, John Rhodes, Ravikumar Veeraswamy; Medical University of South Carolina, Charleston, SC*

1:00 pm – 2:00 pm

**ASK THE EXPERTS SESSION**

**Topic – TBD**

Moderator:

2:00 pm – 3:00pm

Industry Sponsored Symposium

3:00 pm

Registration Re-Opens

3:00 pm – 4:00 pm

Coffee/Snacks – Last Chance to Visit Exhibitors

**4:00 pm – 6:00 pm**

**SCIENTIFIC SESSION V**

Moderators: Misty Humphries, MD & Ravi Rajani, MD

4:00 pm – 4:12 pm

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**Preoperative Spinal Drain Placement Is Associated With Reduced Risk Of Spinal Cord Ischemia In Patients Undergoing Thoracic Endovascular Aortic Repair For Aortic Dissection**

*Sina Zarrintan, Kevin S. Yei, Munir P. Moacdieh, Mahmoud B. Malas; University of California, San Diego, La Jolla, CA*

4:12 pm – 4:24 pm

43

**Safety And Efficacy Of Drug-eluting Stents For Treatment Of Transplant Renal Artery Stenosis**

*Heepeel Chang<sup>1</sup>, Bruce E Gelb<sup>2</sup>, Zoe A Stewart<sup>2</sup>, Bonnie E Lonze<sup>2</sup>, Karan Garg<sup>2</sup>, Caron B Rockman<sup>2</sup>, Glenn R Jacobowitz<sup>2</sup>, Nicole M Ali<sup>2</sup>, Neal S Cayne<sup>2</sup>; <sup>1</sup>Westchester Medical Center, New York Medical College, Valhalla, NY; <sup>2</sup>New York University Langone Medical Center, New York, NY*

4:24 pm – 4:36 pm

44

**Delirium Associated Adverse Events And Resource Use After Infrainguinal Lower Extremity Bypass**

*Richard D Gutierrez<sup>1</sup>, Zachary A Matthay<sup>1</sup>, Eric JT Smith<sup>1</sup>, Kurt Linderman<sup>2</sup>, Warren J Gasper<sup>1</sup>, Jade S Hiramoto<sup>1</sup>, Michael S Conte<sup>1</sup>, James C Iannuzzi<sup>1</sup>; <sup>1</sup>University of California, San Francisco, San Francisco, CA; <sup>2</sup>University of Utah, School of Medicine, Salt Lake City, UT*

4:36 pm – 4:48 pm

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**One-year Outcomes After Implementation Of A Ruptured Abdominal Aortic Aneurysm Protocol**

*Amanda R Phillips<sup>1</sup>, Jaineet S Chhabra<sup>2</sup>, Paige Phillips<sup>1</sup>, Mohammad H Eslami<sup>1</sup>, Rabih Chaer<sup>1</sup>, Michel S Makaroun<sup>1</sup>, Michael J Singh<sup>1</sup>, Nathan L Liang<sup>1</sup>; <sup>1</sup>UPMC, Pittsburgh, PA; <sup>2</sup>Marshall University Medical School, Huntington, WV*



- 4:48 pm – 4:56 pm 46 (RF)  
**Effective Neck For Endovascular Treatment Of Blunt Traumatic Aortic Injury**  
*Tommaso Cambiaghi<sup>1</sup>, Ezra Y Koh<sup>2</sup>, Rana O Afifi<sup>1</sup>, Gustavo S Oderich<sup>1</sup>; <sup>1</sup>McGovern Medical School @ UTHealth, Houston, TX; <sup>2</sup>Houston Methodist Hospital, Houston, TX*
- 4:56 pm – 5:04 pm 47 (RF)  
**Impact Of Preoperative Beta-blockade On Outcomes Following The Surgical Treatment Of Atherosclerotic Disease**  
*Anna Beth West, Abigail J Hatcher, Ravi R Rajani, Christopher R Ramos, Jaime Benarroch-Gampel; Emory University School of Medicine, Atlanta, GA*
- 5:04 pm – 5:12 pm 48 (RF)  
**Integrated Vascular Surgery Versus General Surgery Residency Programs: A Ten-year Comparison Using A Normalized Competitive Index**  
*John A Treffalls, Rebecca N Treffalls, Qi Yan, Mark G Davies; University of Texas Health San Antonio, San Antonio, TX*
- 5:12 pm – 5:24 pm 49  
**Perioperative Outcomes Among Major Endovascular Stent Grafts For The Treatment Of Abdominal Aortic Aneurysm**  
*Emma Goldsmith Rooney, Anna Beth West, Caroline Wasserman, Ravi R. Rajani, Christopher R. Ramos, Jaime Bennaroch-Gampel; Emory University School of Medicine, Atlanta, GA*
- 5:24 pm – 5:36 pm 50  
**Hypogastric Artery Flow Interruption Is Associated With Increased Mortality After Open Aortic Repair**  
*Jason Zhang, Heepeel Chang, Caron Rockman, Neal Cayne, Glenn Jacobowitz, Karan Garg; NYU Langone Health, New York, NY*
- 5:36 pm – 5:48 pm 51  
**The Risk Of Thromboembolic Events In COVID-19 Patients During The Height Of The SARS-CoV-2 Pandemic**  
*Janice Nam<sup>1</sup>, Melissa D'Andrea<sup>1</sup>, Alexander O'Hara<sup>1</sup>, Lindsey Staszewski<sup>1</sup>, Jacob Pozin<sup>1</sup>, Amy Wozniak<sup>1</sup>, Lindsey Korepta<sup>2</sup>, Bernadette Aulivola<sup>2</sup>; <sup>1</sup>Loyola University Chicago Stritch School of Medicine, Maywood, IL; <sup>2</sup>Loyola University Medical Center, Maywood, IL*
- 5:48 pm – 5:56 pm 51 (RF)  
**A Single Center Experience With Forearm Arteriovenous Loop Grafts For Hemodialysis**  
*Ian M Brastauskas, Nimesh Patel, Zachary German, Jeanette Stafford, Matthew Edwards, Mariana Muera, Gabriela Velazquez, Matthew P Goldman, Ross P Davis; Wake Forest Baptist Health, Winston-Salem, NC*
- 5:56 pm – 6:04 pm 53 (RF)  
**Revision Of Aneurysmal Arteriovenous Access With Immediate Use Graft Is Safe And Avoids Prolonged Use Of Tunneled Hemodialysis Catheters**  
*Isaac N Naazie, Claire Janssen, Sean Perez, Asma Mathlouthi, Luis Cajas-Monson, Mahmoud Malas, Omar Al-Nouri; University of California San Diego, La Jolla, CA*
- 7:00 pm – 10:00 pm **PRESIDENT'S DINNER**