



November 3-6, 2024

Dialysis Pre-Course - Sunday, November 3

ENDO AVF: FROM A TO Z - 7:00am - 8:00am

Moderator: **Venita Chandra, MD**

Panel: **Dejah Judelson, MD; Lee Kirksey, MD; Paul B. Kreienberg, MD; Sanjay Misra, MD; Allison Tan, MD; Shant Vartanian, MD**

7:00am - 7:07am	Who I Consider for EndoAVF, and How I See This Changing Paul B. Kreienberg, MD
7:07am - 7:10am	Panel Discussion
7:10am - 7:17am	My Algorithm for Embolization and Repeat Procedures After AVF Dejah Judelson, MD
7:17am - 7:20am	Panel Discussion
7:20am - 7:27am	What Data Are We Missing for EndoAVF? Shant Vartanian, MD
7:27am - 7:30am	Panel Discussion
7:30am - 7:37am	Developing Successful EndoAVF Programs to Optimize Clinical Outcomes Allison Tan, MD
7:37am - 7:40am	Panel Discussion
7:40am - 7:47am	Great Debates: EndoAVF Is the Wave of the Future—Step Aside, Open AVF Sanjay Misra, MD
7:47am - 7:54am	Great Debates: Wait a Minute! Surgery Is the Best Approach to Dialysis Creation Lee Kirksey, MD
7:54am - 8:00am	Panel Discussion

DCB, LIMUS, & FOLLOW-UP - 8:00am - 9:00am

Moderators: **Elina Quiroga, MD, MPH; Saher Sabri, MD**

Panel: **London Guidry, MD; Varshana Gurusamy, MD; Lindsay Machan, MD; Sanjay Misra, MD; Brian J. Schiro, MD; Allison Tan, MD**

8:00am - 8:07am	PTX vs Limus for AVF: What We Know and What We Can Learn From PAVE2 Lindsay Machan, MD
8:07am - 8:10am	Panel Discussion
8:10am - 8:17am	Tips and Tricks for Complications and Reinterventions in Dialysis Access London Guidry, MD
8:17am - 8:20am	Panel Discussion
8:20am - 8:27am	Strategies for Optimization of AVF/AVG Durability: What Is the Best Follow Up and When Should We Intervene? Varshana Gurusamy, MD
8:27am - 8:30am	Panel Discussion
8:30am - 8:37am	Great Debates: Limus Is the Best for AVF Maintenance Sanjay Misra, MD
8:37am - 8:44am	Great Debates: Paclitaxel Is the Best for AVF Maintenance Allison Tan, MD
8:44am - 8:51am	Great Debates: Covered Stents Are the Best for AVF Maintenance Brian J. Schiro, MD
8:51am - 9:00am	Panel Discussion

NEW TECHNOLOGIES & APPROACHES IN DIALYSIS/POTPOURRI - 9:00am - 10:00am

Moderators: **Venita Chandra, MD; Mahmood Razavi, MD**

Panel: **London Guidry, MD; Misty Humphries, MD; Lee Kirksey, MD; Paul B. Kreienberg, MD; Shant Vartanian, MD**

9:00am - 9:07am	IVL for Fistula Maintenance/Maturation—Is There a Role? Misty Humphries, MD
9:07am - 9:10am	Panel Discussion
9:10am - 9:17am	Biologic Grafts and Other New Technologies: What's on the Horizon for AVF? Shant Vartanian, MD
9:17am - 9:20am	Panel Discussion
9:20am - 9:27am	New Anastomosis Setting Angle Device Paul B. Kreienberg, MD
9:27am - 9:30am	Panel Discussion
9:30am - 9:37am	Remote Monitoring and Wearables: What Are the Best Options to Optimize the Longevity of Future Access? Mahmood Razavi, MD
9:37am - 9:40am	Panel Discussion
9:40am - 9:47am	Great Debates: Everyone Over 65 Should Get an AV Graft vs Fistula Lee Kirksey, MD
9:47am - 9:54am	Great Debates: Everyone Over 65 Should Still Get an AVF London Guidry, MD
9:54am - 10:00am	Panel Discussion

CLTI Pre-Course - Sunday, November 3

ACCESS STRATEGIES FOR CLTI PROCEDURES - 8:00am - 9:00am

Moderators: **Ehrin Armstrong, MD; Peter A. Schneider, MD**

Panel: **Yonatan Bitton-Faiwizewski, MD; Joseph Campbell, MD; Daniel Clair, MD; Arthur Lee, MD; Jun Li, MD; Lorenzo Patrone, MD**

8:00am - 8:07am	Optimal Femoral Access: Retrograde and Antegrade Joseph Campbell, MD
8:07am - 8:14am	Techniques and Decision-Making for Optimal Tibial Access, and When to Treat From Below Jun Li, MD
8:14am - 8:21am	Extreme Access: High Tibial and Retrograde SFA Access Lorenzo Patrone, MD
8:21am - 8:30am	Panel Discussion
8:30am - 8:37am	Crossing Over: How to Master AV Access for PTAB and DVA Daniel Clair, MD
8:37am - 8:44am	Case Presentation: My Most Unique Access Case Arthur Lee, MD
8:44am - 8:51am	Transradial Endovascular Intervention: When and How to Do Complex Radial Interventions Yonatan Bitton-Faiwizewski, MD
8:51am - 9:00am	Panel Discussion

PROCEDURAL STRATEGIES: PEDAL ARCH, BTK, BTA - 9:00am - 10:00am

Moderators: **Liz Genovese, MD, MS; Parag J. Patel, MD, MS**

Panel: **Bulent Arslan, MD; Bryan Fisher, MD; Connie N. Hess, MD, MHS; Tatsuya Nakama, MD; Lorenzo Patrone, MD**

9:00am - 9:07am	My Approach to Wire Escalation Liz Genovese, MD, MS
9:07am - 9:14am	Algorithm for Crossing and Treating BTK CTOs Using the Tools Available Today Bulent Arslan, MD
9:14am - 9:21am	Why IVUS Is Needed for BTK Intervention Bryan Fisher, MD
9:21am - 9:30am	Panel Discussion
9:30am - 9:37am	Pedal Artery Angioplasty: When to Do It, and How to Do It Safely Tatsuya Nakama, MD
9:37am - 9:44am	Introducing the "Woundosome" Concept: Revisiting Procedural Endpoints for CLTI Interventions Lorenzo Patrone, MD
9:44am - 9:51am	How Do Recent Trials and Registries Influence My Practice? Connie N. Hess, MD, MHS
9:51am - 10:00am	Panel Discussion

EMERGING BTK THERAPIES - 10:30am - 11:45am

Moderators: **Liz Genovese, MD, MS; Robert Lookstein, MD, MHCDL**

Panel: **Brian DeRubertis, MD; Jon George, MD; William A. Gray, MD; Kumar Madassery, MD; Leigh Ann O'Banion, MD; Sahil A. Parikh, MD; Thomas Zeller, MD**

10:30am - 10:37am	What Is New and Emerging in Wound Management? Kumar Madassery, MD
10:37am - 10:44am	Extreme Distal Bypass Leigh Ann O'Banion, MD
10:44am - 10:51am	Cracking the Code: BTK Trial Design and Endpoints Sahil A. Parikh, MD
10:51am - 10:58am	Panel Discussion
10:58am - 11:05am	Atherectomy Devices: New Devices and New Data Jon George, MD
11:05am - 11:12am	Paclitaxel Drug-Coated Balloons in CLTI Thomas Zeller, MD

- 11:12am - 11:19am Limus-Based BTK Drug-Coated Balloons: What Is the Progress?
William A. Gray, MD
- 11:19am - 11:26am Panel Discussion
- 11:26am - 11:33am Scaffolds: Stents, Tacks, and How They Should Be Used
Robert Lookstein, MD, MHCDL
- 11:33am - 11:40am The Promise of Bioabsorbable Vascular Scaffolds **Brian DeRubertis, MD**
- 11:40am - 11:45am Panel Discussion

SEVERE VESSEL CALCIFICATION - 11:45am - 12:15pm

Moderators: **Brian DeRubertis, MD; John H. Rundback, MD**

Panel: **Bulent Arslan, MD; Marianne Brodmann, MD; Peter Monteleone, MD; Srinu Tummala, MD**

- 11:45am - 11:51am Vessel Prep in Severe Calcification: Atherectomy, IVL, and Specialty Balloons
Marianne Brodmann, MD
- 11:51am - 11:57am IVUS Utilization in Calcific Disease: Identifying Critical Lesion Characteristics and Facilitating Ideal Outcomes **Peter Monteleone, MD**
- 11:57am - 12:03pm Scaffolding in Severe Calcium: Options and Outcomes **Bulent Arslan, MD**
- 12:03pm - 12:09pm The Impact of Pedal Calcium: How SAD and MAC Scores Affect CLTI Outcomes
Srinu Tummala, MD
- 12:09pm - 12:15pm Panel Discussion

NOVEL UTILIZATION OF VENOUS CONDUITS: PTAB & DVA - 1:30pm - 2:45pm

Moderators: **Venita Chandra, MD; Peter A. Schneider, MD**

Panel: **Eri Fukaya, MD, PhD; Steven Kum, MD; Zola N'Dandu, MD; John H. Rundback, MD; Peter A. Soukas, MD; August Ysa, MD**

- 1:30pm - 1:37pm Who Is the Best Candidate for PTAB? **Peter A. Schneider, MD**
- 1:37pm - 1:44pm Stepwise Approach to PTAB **Peter A. Soukas, MD**
- 1:44pm - 1:52pm Panel Discussion
- 1:52pm - 1:59pm Who Is the Best Candidate for DVA? **Steven Kum, MD**
- 1:59pm - 2:06pm Hybrid Superficial Venous Arterialization: Patient Selection, Preoperative Planning, and Operative Tips and Tricks **August Ysa, MD**
- 2:06pm - 2:13pm Creating an Endovascular DVA Practice: Critical Resources, Training, and Procedural Steps **John H. Rundback, MD**
- 2:13pm - 2:23pm Panel Discussion
- 2:23pm - 2:30pm DVA: Patterns of Failure, Surveillance, and Maintenance **Zola N'Dandu, MD**
- 2:30pm - 2:37pm Wound Management After DVA **Eri Fukaya, MD, PhD**
- 2:37pm - 2:45pm Panel Discussion

Nurses + Techs - Sunday, November 3

CARDIOVASCULAR RISK REDUCTION & ADVANCING HYPERTENSION THERAPIES - 8:00am - 9:00am

Moderators: **Ali Moran Baird, DNP, AGACNP; Joshua Beckman, MD**

Panel: **Kristen Alix, RN, MSN, ANP-BC, CVN; J. Fritz Angle, MD; Ali Moran Baird, DNP, AGACNP; Gerard Bernales, MSN, APRN, FNP-C; Paul Davis, RN; Christy Willocks, NP-BC**

8:00am - 8:07am	Smoking Cessation: Options for Treatment Christy Willocks, NP-BC
8:07am - 8:14am	Role of Statin Therapy in Risk Reduction and Other Lipid-Lowering Strategies Paul Davis, RN
8:14am - 8:21am	Antiplatelet and Low-Dose Anticoagulation in Vascular Disease Kristen Alix, RN, MSN, ANP-BC, CVN
8:21am - 8:30am	Panel Discussion
8:30am - 8:37am	Medical Management of Hypertension Ali Moran Baird, DNP, AGACNP
8:37am - 8:44am	Workup for Patients Undergoing Renal Denervation Gerard Bernales, MSN, APRN, FNP-C
8:44am - 8:51am	Overview of the Renal Denervation Procedure J. Fritz Angle, MD
8:51am - 9:00am	Panel Discussion

PAD: ACUTE VS CHRONIC LIMB ISCHEMIA - 9:00am - 10:00am

Moderator: **D. Christopher Metzger, MD; Christine T. Owen, MS, ACNP-BC, RNFA**

Panel: **Kristen Alix, RN, MSN, ANP-BC, CVN; Bulent Arslan, MD; Jill Sommerset, RVT; Srinu Tummala, MD; Christy Willocks, NP-BC**

9:00am - 9:07am	PAD: Anatomy/Physiology/Physical Exam Christine T. Owen, MS, ACNP-BC, RNFA
9:07am - 9:14am	Primer on Lower Extremity in Noninvasive Arterial Imaging Jill Sommerset, RVT
9:14am - 9:21am	Acute Limb Ischemia: Acute vs Chronic and When to Know the Difference Kristen Alix, RN, MSN, ANP-BC, CVN
9:21am - 9:30am	Panel Discussion
9:30am - 9:37am	Lower Extremity PAD: Case Presentation Christy Willocks, NP-BC
9:37am - 9:44am	Deep Vein Arterialization for CLTI Bulent Arslan, MD
9:44am - 9:51am	Treatment of Acute Limb Ischemia Srinu Tummala, MD
9:51am - 10:00am	Panel Discussion

PE Summit - Sunday, November 3

CME credit is only available for The VEINS registrants.

PE MANAGEMENT BASICS - 1:30pm - 2:20pm

Moderators: **Jay Mathews, MD, MS; Mona Ranade, MD**

Panel: **Behnood Bikdeli, MD, MS; Yulanka Castro, MD; Robert Lookstein, MD, MHCDL; Rachel Rosovsky, MD**

1:30pm - 1:40pm Opening Remarks: The PE Landscape in 2024 **Robert Lookstein, MD, MHCDL**
1:40pm - 1:50pm Risk Stratification in PE **Behnood Bikdeli, MD, MS**
1:50pm - 2:00pm Optimal Pharmacologic Treatment of the PE Patient **Rachel Rosovsky, MD**
2:00pm - 2:10pm Catheter Interventions 101 **Yulanka Castro, MD**
2:10pm - 2:20pm Panel Discussion

GREAT DEBATES: INTERMEDIATE-RISK PE - 2:20pm - 3:00pm

Moderators: **Yulanka Castro, MD; Maureen P. Kohi, MD**

Panel: **Peter Monteleone, MD; John Moriarty, MD; Gregory Piazza, MD**

2:20pm - 2:30pm Debate: Mechanical Thrombectomy Is the Future **John Moriarty, MD**
2:30pm - 2:40pm Debate: Catheter-Directed Lysis (CDL) Is All You Need **Peter Monteleone, MD**
2:40pm - 2:50pm Debate: Systemic Lysis and Anticoagulation—Show Me the Data **Gregory Piazza, MD**
2:50pm - 3:00pm Panel Discussion

PE TECHNOLOGIES & TRIALS - 3:30pm - 4:10pm

Moderators: **Kathleen Gibson, MD; Eric A. Secemsky, MD, MSc**

Panel: **Steven Abramowitz, MD; Jay Mathews, MD, MS; Mona Ranade, MD; Akhilesh Sista, MD**

3:30pm - 3:38pm The Current PE Armamentarium **Steven Abramowitz, MD**
3:38pm - 3:46pm Next-Generation PE Technologies **Jay Mathews, MD, MS**
3:46pm - 3:54pm IDE Trial Update for PE **Mona Ranade, MD**
3:54pm - 4:02pm RCT Trial Update for PE **Akhilesh Sista, MD**
4:02pm - 4:10pm Panel Discussion

HIGH-RISK PE & COMPLICATIONS - 4:10pm - 4:50pm

Moderators: **Jun Li, MD; Akhilesh Sista, MD**

Panel: **David J. Dexter, MD; Jay Giri, MD, MPH; Michael Jolly, MD; Kenneth Rosenfield, MD, MHCDS**

4:10pm - 4:18pm Supporting the Failing RV **Michael Jolly, MD**
4:18pm - 4:26pm Complications With Endovascular Therapy of PE **David J. Dexter, MD**
4:26pm - 4:34pm CTEPH and CTED: Prevention, Treatment, and Management
Kenneth Rosenfield, MD, MHCDS
4:34pm - 4:42pm Approaching Massive/High-Risk PE **Jay Giri, MD, MPH**
4:42pm - 4:50pm Panel Discussion

COMPLEX CASES & WHAT I LEARNED - 4:50pm - 5:30pm

Moderators: **Steven Abramowitz, MD; Saher Sabri, MD**

Panel: **Joseph Campbell, MD; Gregory Piazza, MD; Mehdi Shishehbor, DO, MPH, PhD; Nora Tabori, MD**

4:50pm - 5:00pm	Combined Thrombectomy and Thrombolysis Case Gregory Piazza, MD
5:00pm - 5:10pm	Intracardiac Thrombus Case With PE Thrombectomy Joseph Campbell, MD
5:10pm - 5:20pm	Planned ECMO Case Nora Tabori, MD
5:20pm - 5:30pm	Unplanned ECMO Case: How ECMO Saved the Day Mehdi Shishehbor, DO, MPH, PhD

Aortic Pre-Course - Sunday, November 3

ACUTE AORTIC DISSECTIONS - 2:00pm - 3:00pm

Moderators: **Jade S. Hiramoto, MD; Sean P. Lyden, MD**

Panel: **J. Michael Bacharach, MD; Frank Caputo, MD; Javairiah Fatima, MD; Minhaj S. Khaja, MD, MBA; Robert A. Morgan, MD**

2:00pm - 2:07pm	Type A Aortic Dissection: Please Treat Distal Malperfusion First Minhaj S. Khaja, MD, MBA
2:07pm - 2:14pm	Type A Aortic Dissection: Never Treat Distal Malperfusion First—B-SAFER Frank Caputo, MD
2:14pm - 2:21pm	Malperfusion Syndrome Following Type A Repair: What Do I Do Now? Javairiah Fatima, MD
2:21pm - 2:34pm	Panel Discussion
2:34pm - 2:41pm	Innovations in Imaging of Aortic Dissection (A&B) Robert A. Morgan, MD
2:41pm - 2:48pm	Optimal Medical Management of TBAD J. Michael Bacharach, MD
2:48pm - 3:00pm	Panel Discussion

MORE AORTIC DISSECTION, INCLUDING FALSE LUMEN MANAGEMENT STRATEGIES - 3:30pm - 4:30pm

Moderators: **Minhaj S. Khaja, MD, MBA; Niten Singh, MD**

Panel: **J. Fritz Angle, MD; Matthew Eagleton, MD; Jason T. Lee, MD; Elina Quiroga, MD, MPH; Eric E. Roselli, MD**

3:30pm - 3:37pm	Management Strategies of Distal Aortic Degeneration After Dissection Matthew Eagleton, MD
3:37pm - 3:44pm	Where Do We Stand With High-Risk Features and Treatment of IMH's Elina Quiroga, MD, MPH
3:44pm - 3:56pm	Panel Discussion
3:56pm - 4:03pm	Embolization Options for Distal Entry Flow Eric E. Roselli, MD
4:03pm - 4:10pm	Embolization for Proximal 1A Entry Flow J. Fritz Angle, MD
4:10pm - 4:17pm	Indications and Technical Tips to Treat the False Lumen (Stabilize) in Both ATAB and CTAB Jason T. Lee, MD
4:17pm - 4:30pm	Panel Discussion

AORTOPATHIES & GENETIC AORTIC SYNDROMES - 4:30pm - 5:30pm

Moderators: **J. Fritz Angle, MD; Jason T. Lee, MD**

Panel: **Daniel Clair, MD; Yana Etkin, MD; Warren Gasper, MD; Sukgu M. Han, MD; Jade S. Hiramoto, MD**

4:30pm - 4:37pm	Who Should I Screen for Genetic Aortic Syndromes, and What Do I Order? Yana Etkin, MD
4:37pm - 4:44pm	Type IV Ehlers-Danlos: How and Whom to Treat Warren Gasper, MD
4:44pm - 4:51pm	Loeys-Dietz and Marfan: Considerations for Repair Strategies Jade S. Hiramoto, MD
4:51pm - 5:04pm	Panel Discussion
5:04pm - 5:11pm	Debate: EndoRx Is Appropriate With CTD Sukgu M. Han, MD
5:11pm - 5:18pm	Debate: EndoRx Is Not Appropriate With CTD Daniel Clair, MD
5:18pm - 5:30pm	Panel Discussion

PharmacoRx Pre-Course - Sunday, November 3

PAD - 2:00pm - 3:00pm

Moderator: **Joshua Beckman, MD**

Panel: **Herb Aronow, MD, MPH; Marc P. Bonaca, MD, MPH; Kamal Gupta, MD; Connie N. Hess, MD, MHS; Nick Leeper, MD; Vincent L. Rowe, MD**

2:00pm - 2:07pm	Medicines That Matter for CLTI Herb Aronow, MD, MPH
2:07pm - 2:14pm	The Main Takeaways From the AHA/ACC and SVS PAD Guidelines Kamal Gupta, MD
2:14pm - 2:21pm	The Impact of Team-Based Care Vincent L. Rowe, MD
2:21pm - 2:34pm	Panel Discussion
2:34pm - 2:41pm	Barriers and Solutions to Implementing Guideline-Directed Medical Therapy in Patients With PAD Connie N. Hess, MD, MHS
2:41pm - 2:48pm	Novel Lipid and Metabolic Agents in PAD Marc P. Bonaca, MD, MPH
2:48pm - 3:00pm	Panel Discussion

VTE - 3:30pm - 4:30pm

Moderators: **Teresa L. Carman, MD; Raghu Kolluri, MD, MS**

Panel: **Geoffrey Barnes, MD, MSc; Steven M. Dean, DO; Yogen Kanthi, MD; Rachel Rosovsky, MD; Aditya Sharma, MBBS**

3:30pm - 3:37pm	Have We Seen the Death of Factor XI Inhibitors? Geoffrey Barnes, MD, MSc
3:37pm - 3:44pm	Antiphospholipid Antibody Vasculopathy Yogen Kanthi, MD
3:44pm - 3:51pm	Interventional and Medical Management of Pulmonary Embolism in Pregnancy Rachel Rosovsky, MD
3:51pm - 4:04pm	Panel Discussion
4:04pm - 4:11pm	The Second-Line Hypercoagulable Workup Steven M. Dean, DO
4:11pm - 4:18pm	VTE ER Discharge Programs Aditya Sharma, MBBS
4:18pm - 4:30pm	Panel Discussion

PHARMACORX POTPOURRI - 4:30pm - 5:30pm

Moderators: **Joshua Beckman, MD; Teresa L. Carman, MD**

Panel: **Behnood Bikdeli, MD, MS; Marc P. Bonaca, MD, MPH; Kamal Gupta, MD; Nick Leeper, MD; Gaurav Parmar, MD, MPH**

4:30pm - 4:37pm	The Value of Home-Based Supervised Exercise Therapy Marc P. Bonaca, MD, MPH
4:37pm - 4:44pm	Medical Management of the Patient With Aortic Aneurysm: Abdominal vs Thoracic Kamal Gupta, MD
4:44pm - 4:51pm	Update on Classification Criteria for Large-Vessel Vasculitis: EULAR 2022 Gaurav Parmar, MD, MPH
4:51pm - 5:04pm	Panel Discussion
5:04pm - 5:11pm	Should We Use Low-Dose Rivaroxaban in Carotid Artery Stenosis? Behnood Bikdeli, MD, MS
5:11pm - 5:18pm	Arteriopathies: Navigating Genetic Testing Nick Leeper, MD
5:18pm - 5:30pm	Panel Discussion

Aortic Track - Monday, November 4

SPINAL CORD ISCHEMIA - 7:00am - 7:55am

Moderators: **Daniel Clair, MD; Jade S. Hiramoto, MD**

Panel: **Daniela Branzan, MD; Joseph Lombardi, MD, MBA; Darren B. Schneider, MD; Brant W. Ullery, MD, MBA**

7:00am - 7:07am	Pro: Preoperative Spinal Drain Is Best Darren B. Schneider, MD
7:07am - 7:14am	Con: Postoperative Rescue Spinal Drain Is Best Brant W. Ullery, MD, MBA
7:14am - 7:25am	Panel Discussion
7:25am - 7:32am	Update on Risk Factors and Management of SCI for TAAA Repair Jade S. Hiramoto, MD
7:32am - 7:39am	Intercostal Artery Embolization to Prevent SCI: When and Where to Embolize? Daniela Branzan, MD
7:39am - 7:46am	Collateral Flow: Which Branches to Sacrifice or Save (SCI, Internal Iliac, and Celiac) Joseph Lombardi, MD, MBA
7:46am - 7:55am	Panel Discussion

CLTI Track - Monday, November 4

CASE PLANNING FOR CLTI CASES - 7:00am - 7:55am

Moderators: **Ehrin Armstrong, MD; Sanjay Misra, MD**

Panel: **Subhash Banerjee, MD; Nikki Keefe, MD; Melissa Kirkwood, MD; Krishna Rocha-Singh, MD; Vincent L. Rowe, MD**

7:00am - 7:07am	My Approach to Preprocedural Imaging Nikki Keefe, MD
7:07am - 7:14am	New Approaches to Radiation Protection for Complex CLTI Procedures Melissa Kirkwood, MD
7:14am - 7:21am	Access Sites: How I Prep My CLTI Case Krishna Rocha-Singh, MD
7:21am - 7:32am	Panel Discussion
7:32am - 7:39am	Target Artery Path and Angiosomes: What Are the Preprocedural and Intraprocedural Considerations? Subhash Banerjee, MD
7:39am - 7:46am	Is There a Role for Endovascular Therapy in Rutherford 6/WIFI Stage 4 Patients? How Should I Approach These Patients? Vincent L. Rowe, MD
7:46am - 7:55am	Panel Discussion

Nurses + Techs - Monday, November 4

FROM VARICOSE VEINS TO ULCERS: THE SPECTRUM OF VENOUS DISEASE - 8:00am - 9:00am

Moderators: **Ali Moran Baird, DNP, AGACNP; Parag J. Patel, MD, MS**

Panel: **Iris Baumgartner, MD; Gerard Bernales, MSN, APRN, FNP-C; Kathleen J. Ozsvath, MD; Akhilesh Sista, MD; Tiffany K. Street, DNP, ACNP-BC**

8:00am - 8:07am	Chronic Venous Disease: Diagnosis, Classification, and Management Tiffany K. Street, DNP, ACNP-BC
8:07am - 8:14am	Definitive Therapy of Superficial Venous Disorders Kathleen J. Ozsvath, MD
8:14am - 8:21am	Interventional Therapies for Chronic Venous Obstruction Iris Baumgartner, MD
8:21am - 8:30am	Panel Discussion
8:30am - 8:37am	Code Venous: How to Develop VTE Inpatient Programs Gerard Bernales, MSN, APRN, FNP-C
8:37am - 8:44am	Updates on Catheter-Directed Therapy for PE Akhilesh Sista, MD
8:44am - 8:51am	Post-Hospital Follow-Up Program for VTE Patients Ali Moran Baird, DNP, AGACNP
8:51am - 9:00am	Panel Discussion

CAROTID DISEASE: MEDICAL MANAGEMENT & REVASCULARIZATION - 9:00am - 10:00am

Moderators: **Ehrin Armstrong, MD; Christine T. Owen, MS, ACNP-BC, RNFA**

Panel: **Paul Davis, RN; William A. Gray, MD; Alex Powell, MD; Tiffany K. Street, DNP, ACNP-BC; Brant W. Ullery, MD, MBA**

9:00am - 9:07am	Advances in Stroke Intervention Paul Davis, RN
9:07am - 9:14am	Symptomatic and Asymptomatic Carotid Disease: Medical Therapy and Decision-Making for Revascularization Tiffany K. Street, DNP, ACNP-BC
9:14am - 9:21am	Innominate and Subclavian Artery Disease: How to Evaluate, When to Treat Alex Powell, MD
9:21am - 9:30am	Panel Discussion
9:30am - 9:37am	Carotid Endarterectomy vs Stenting: When to Choose Which Brant W. Ullery, MD, MBA
9:37am - 9:44am	New Advances in Carotid Stenting William A. Gray, MD
9:44am - 9:51am	Carotid Intervention: A Procedural Nurse's Perspective Christine T. Owen, MS, ACNP-BC, RNFA
9:51am - 10:00am	Panel Discussion

Global Theater - Monday, November 4

8:00am - 8:10am Welcome to VIVA 2024
Raghu Kolluri MD, MS
The VIVA Foundation Board President

LIVE CASE DEMONSTRATION - 8:10am - 8:45am

University Hospital Leipzig
Leipzig, Germany

2023 AWARD PRESENTATIONS & ATLAS LECTURE - 8:45am - 9:21am

Award Presenters: **Venita Chandra, MD; Sean P. Lyden, MD; Saher Sabri, MD; Dierk Scheinert, MD**

8:45am - 8:50am ATLAS Award presented to **Alan Matsumoto, MD**
8:50am - 9:05am ATLAS Lecture **Alan Matsumoto, MD**
9:05am - 9:11am LIVE Award presented to **Andrej Schmidt, MD**
9:11am - 9:16am VCA Award presented to **Jordan R. Stern, MD**
9:16am - 9:21am VCA Award presented to **Lorenzo Patrone, MD**

AHA & VIVA CAREER DEVELOPMENT AWARD UPDATES - 9:21am - 9:35am

LIVE CASE DEMONSTRATION - 9:35am - 10:15am

University Hospital Leipzig
Leipzig, Germany

LATE-BREAKING CLINICAL TRIALS - 10:45am - 12:00pm

Moderator: **Eric A. Secemsky, MD, MSc**
Panel: **Marc P. Bonaca, MD, MPH; Marianne Brodmann, MD; Venita Chandra, MD; Brian DeRubertis, MD; Parag J. Patel, MD, MS**

APPROPRIATENESS OF VASCULAR CARE AND THE EFFECT OF PRACTICE SETTING - 1:15pm - 2:05pm

Moderator: **Saher Sabri, MD**
Panel: **Jeff Carr, MD; Caitlin W. Hicks, MD, MS; Robert Lookstein, MD, MHCDL; Mahmood Razavi, MD**

1:15pm - 1:22pm The Effect of Site of Service on Appropriateness of Vascular Interventions
Mahmood Razavi, MD

1:22pm - 1:29pm Establishing Quality Registries to Guide Practice in the Ambulatory Setting
Jeff Carr, MD

1:29pm - 1:36pm The Impact of Reimbursement for Endovascular Procedures on the Growth of Outpatient Vascular Practices

1:36pm - 1:44pm Panel Discussion

1:44pm - 1:51pm Debate: Atherectomy Has an Important Role in Endovascular Care if Used Appropriately **Robert Lookstein, MD, MHCDL**

1:51pm - 1:58pm Debate: Atherectomy Is Rarely Required and It's Time for Rigorous Clinical Trials to Establish Its Role **Caitlin W. Hicks, MD, MS**

1:58pm - 2:05pm Panel Discussion

LIVE CASE DEMONSTRATION - 2:05pm - 3:15pm

OhioHealth Riverside Methodist Hospital
Columbus, Ohio

LINC AT VIVA - 3:45pm - 4:30pm

LATE-BREAKING CLINICAL TRIALS - 4:30pm - 5:15pm

Moderator: **Ehrin Armstrong, MD**

Panel: **Bryan Fisher, MD; Raghu Kolluri, MD, MS; Jun Li, MD; Saher Sabri, MD; Niten Singh, MD**

Roundtable - Monday, November 4

REVOLUTIONIZING HEALTHCARE: THE AI PRESCRIPTION FOR A HEALTHIER FUTURE | Non-CME

9:15am - 10:00am

Moderator: **Peter A. Schneider, MD**

Co-Moderator: **Tony Das, MD**

Panel: **Maureen P. Kohi, MD; Arthur Lee, MD; Alan Matsumoto, MD; Krishna Rocha-Singh, MD; Kenneth Rosenfield, MD, MHCDS; Mintu Turakhia, MS, MD**

- 9:15am - 9:25am Artificial Intelligence Will Improve Vascular Practice—Let Me Explain How
Tony Das, MD
- 9:25am - 9:35am Use of AI to Predict Adverse Outcomes and As a Decision Support Tool for
Patient Monitoring and Device Surveillance **Mintu Turakhia, MS, MD**
- 9:35am - 9:45am What Is Generative AI and How Will it Impact Healthcare? **Arthur Lee, MD**
- 9:45am - 10:00am Roundtable Panel Discussion: How Do I See AI Fitting Into My Future
Vascular Practice?

OPTIMIZING OUTCOMES IN FEMOROPOPLITEAL DISEASE INTERVENTIONS - 1:15pm - 2:15pm

Moderators: **Matthew Menard, MD; Parag J. Patel, MD, MS**

Panel: **Bryan Fisher, MD; Melissa Kirkwood, MD; Sahil A. Parikh, MD; Lorenzo Patrone, MD; Krishna Rocha-Singh, MD**

Each presentation includes a panel discussion.

- 1:15pm - 1:27pm Use of IVUS to Optimize Technical Outcomes in Femoropopliteal Interventions
Bryan Fisher, MD
- 1:27pm - 1:39pm Optimal Vessel Prep Before DCB or Scaffold **Krishna Rocha-Singh, MD**
- 1:39pm - 1:51pm Scaffold Choice Based on Lesion Characteristics **Lorenzo Patrone, MD**
- 1:51pm - 2:03pm DCB in Femoropopliteal Disease: Effect of the Drug and the Dose
Sahil A. Parikh, MD
- 2:03pm - 2:15pm Managing In-Stent Restenosis and Thrombus-Containing Lesions
Melissa Kirkwood, MD

CASE STUDIES WITH THE FDA - 2:15pm - 3:15pm

Moderator: **Peter A. Schneider, MD**

Panel: **Gary Ansel, MD; Herb Aronow, MD, MPH; Daniel Clair, MD; Mehdi Shishehbor, DO, MPH, PhD**

Each presentation includes a panel discussion.

- 2:15pm - 2:26pm Renal Denervation: From Failed Study to New Tech **Herb Aronow, MD, MPH**
- 2:26pm - 2:37pm The Impact of Bad Information **Gary Ansel, MD**
- 2:37pm - 2:48pm Lessons Learned From BTK Device Approval **Mehdi Shishehbor, DO, MPH, PhD**
- 2:48pm - 2:59pm How the 510k Pathway Left Us Short: The Story of Atherectomy **Daniel Clair, MD**
- 2:59pm - 3:10pm The FDA's Approach to Long-Term Safety of Endovascular Aortic Repair

THE STATE OF THE VASCULAR DEVICE INDUSTRY IN 2024 | Non-CME

3:45pm - 4:45pm

Moderator: **Tony Das, MD**

Co-Moderator: **Peter A. Schneider, MD**

Panel: **Gary Ansel, MD; Marianne Brodmann, MD; Michael R. Jaff, DO; John A. Kaufman, MD; John R. Laird, MD; Eric E. Roselli, MD**

Each presentation includes a panel discussion.

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|-----------------|--|
| 3:45pm - 3:55pm | Entering the Zone of Genius: How Medical Device Innovators Decide What to Invent Peter A. Schneider, MD |
| 3:55pm - 4:05pm | The Future of Device Innovation for Aortic Dissection and Arch Disease Eric E. Roselli, MD |
| 4:05pm - 4:15pm | The Search for the Ideal PE Thrombectomy Device: Why Has the Space Exploded? John A. Kaufman, MD |
| 4:15pm - 4:25pm | Implants Into Small Areas of Vasculature: How Small Can You Go? John R. Laird, MD |
| 4:25pm - 4:35pm | Robotics Will Have a Key Role in Future Vascular Procedures: Fact or Fiction? Gary Ansel, MD |
| 4:35pm - 4:45pm | What Will Be the Paradigm for Vascular Device Development Over the Next 10 Years? Michael R. Jaff, DO |

Strategies on the Frontline - Monday, November 4

ACUTE LIMB ISCHEMIA - 1:15pm - 2:05pm

Moderator: **Brian DeRubertis, MD**

Panel: **Subhash Banerjee, MD; Misty Humphries, MD; Robert A. Morgan, MD; Constantino Peña, MD; Ben Starnes, MD**

Each presentation includes a panel discussion.

1:15pm - 1:25pm	Endovascular Clot Extraction Case Subhash Banerjee, MD
1:25pm - 1:35pm	Open Thrombectomy Case Misty Humphries, MD
1:35pm - 1:45pm	Catheter-Directed Thrombolysis Case Robert A. Morgan, MD
1:45pm - 1:55pm	Combination of Thrombolysis and Thrombectomy Case Constantino Peña, MD
1:55pm - 2:05pm	Limb Salvage Case Requiring Fasciotomy Ben Starnes, MD

VTE CLOT MANAGEMENT - 2:05pm - 2:55pm

Moderator: **Maureen P. Kohi, MD**

Panel: **Steven Abramowitz, MD; Stephen Black, MD; Nikki Keefe, MD; Daniel Leung, MD; Jun Li, MD**

Each presentation includes a panel discussion.

2:05pm - 2:15pm	Clot Extraction Case for Iliofemoral DVT: Popliteal Access Nikki Keefe, MD
2:15pm - 2:25pm	Clot Extraction Case for Iliofemoral DVT: Tibial Access Daniel Leung, MD
2:25pm - 2:35pm	Iliac Stenting Post-DVT Clot Extraction Case Stephen Black, MD
2:35pm - 2:45pm	IVC Thrombosis Associated With IVC Filter Case Steven Abramowitz, MD
2:45pm - 2:55pm	Difficult PE Thrombectomy Case Jun Li, MD

NOTHING BUT CALCIUM - 3:45pm - 4:30pm

Moderator: **Parag J. Patel, MD, MS**

Panel: **Robert Beasley, MD; Rabih Chaer, MD; Sasanka Jayasuriya, MD; Prakash Krishnan, MD; Derek Mittleider, MD**

Each presentation includes a panel discussion.

3:45pm - 3:54pm	Challenging Iliac Calcium Case Derek Mittleider, MD
3:54pm - 4:03pm	Challenging Femoropopliteal Calcium Case: IVL Sasanka Jayasuriya, MD
4:03pm - 4:12pm	Challenging Femoropopliteal Calcium Case: Atherectomy Prakash Krishnan, MD
4:12pm - 4:21pm	Challenging Tibial Calcium Case Robert Beasley, MD
4:21pm - 4:27pm	Open Bypass for Advanced Calcium Case Rabih Chaer, MD

Aortic Track - Tuesday, November 5

LEFT SUBCLAVIAN REVASCULARIZATION - 7:00am - 7:55am

Moderator: **Sean P. Lyden, MD; Constantino Peña, MD**

Panel: **Matthew Eagleton, MD; Sukgu M. Han, MD; Jean Panneton, MD; Jordan R. Stern, MD;**

Sara L. Zettervall, MD, MPH

7:00am - 7:07am	In-Situ Laser Fenestration and Chimneys Are Best for LSCA Revascularization Jean Panneton, MD
7:07am - 7:14am	Early Experience With Gore TBE Sara L. Zettervall, MD, MPH
7:14am - 7:21am	Techniques and Outcomes for Bypass and Transposition of LSCA Jordan R. Stern, MD
7:21am - 7:32am	Panel Discussion
7:32am - 7:39am	Rising Platforms for Arch Branch Treatment Matthew Eagleton, MD
7:39am - 7:46am	Surgical Arch Debranching Techniques Sukgu M. Han, MD
7:46am - 7:55am	Panel Discussion

CLTI Track - Tuesday, November 5

CLTI: BEST OF THE BEST & WORST OF THE WORST CASES - 7:00am - 7:55am

Moderator: **Misty Humphries, MD; Matthew Menard, MD**

Panel: **Robert Beasley, MD; Yulanka Castro, MD; Zola N'Dandu, MD; Ryan Schenning, MD**

Each presentation includes a panel discussion.

7:00am - 7:14am	My Best Case of the Year Yulanka Castro, MD
7:14am - 7:28am	My Best Case of the Year Zola N'Dandu, MD
7:28am - 7:42am	Not What I Expected Ryan Schenning, MD
7:42am - 7:55am	Not What I Expected Robert Beasley, MD

Global Theater - Tuesday, November 5

LIVE CASE DEMONSTRATION - 8:00am - 8:35am

Klinikum Hochsauerland
Arnsberg, Germany

IMPROVING VASCULAR CARE FOR THE DISADVANTAGED: IS THERE HOPE ON THE HORIZON? 8:35am - 9:35am

Moderator: **Niten Singh, MD**

Panel: **Joshua Beckman, MD; Bryan Fisher, MD; Brian D. Lepow, DPM; Elina Quiroga, MD, MPH; Vincent L. Rowe, MD; Megan Tracci, MD**

8:35am - 8:45am	How to Advocate for Improved Coverage in Congress Megan Tracci, MD
8:45am - 8:53am	PAD Collaborative and the Amputation Heat Map: How to Utilize This Tool Joshua Beckman, MD
8:53am - 9:01am	How to Take the Principles of “Safety Net” Hospitals and Make This the Standard of Care in All Communities Vincent L. Rowe, MD
9:01am - 9:11am	Panel Discussion
9:11am - 9:19am	Have We Made Any Progress With Combating Bias In Research? Elina Quiroga, MD, MPH
9:19am - 9:27am	Putting It All Together: Goals Achieved and Goals We Are Still Working Toward Bryan Fisher, MD
9:27am - 9:35am	Panel Discussion

LIVE CASE DEMONSTRATION 9:35am - 10:15am

Klinikum Hochsauerland
Arnsberg, Germany

LATE-BREAKING CLINICAL TRIALS - 10:45am - 12:00pm

Moderator: **Joshua Beckman, MD**

Panel: **Maureen P. Kohi, MD; Matthew Menard, MD; Robert Marc Schainfeld, DO; Christopher J. White, MD; Thomas Zeller, MD**

GREAT DEBATES: CLTI INTERVENTION - 1:15pm - 1:40pm

Moderator: **Kenneth Rosenfield, MD, MHCDS**

Panel: **Frank R. Arko, MD; Venita Chandra, MD; Tony Das, MD; Matthew Menard, MD; Sanjay Misra, MD; Mehdi Shishehbor, DO, MPH, PhD**

1:15pm - 1:22pm	RCTs Support Infrainguinal Bypass With Vein as the Primary Mode of Revascularization in CLTI Matthew Menard, MD
1:22pm - 1:29pm	The RCTs Do Not Represent Real-World Data: Endo First Is Still My Choice for CLTI Mehdi Shishehbor, DO, MPH, PhD
1:29pm - 1:40pm	Panel Discussion

GREAT DEBATES: THE CAROTID NCD - 1:40pm - 2:05pm

Moderator: **Sean P. Lyden, MD**

Panel: **Venita Chandra, MD; William A. Gray, MD; Joseph Lombardi, MD, MBA; D. Christopher Metzger, MD; Niten Singh, MD; Megan Tracci, MD; Christopher J. White, MD**

- 1:40pm - 1:47pm The NCD Update for Carotid Intervention Will Improve Carotid Care
Christopher J. White, MD
- 1:47pm - 1:54pm The NCD Update Will Lead to Unnecessary Procedures and Negatively Affect Outcomes **Megan Tracci, MD**
- 1:54pm - 2:05pm Panel Discussion

LIVE CASE DEMONSTRATION 2:05pm - 3:15pm

Penn Medicine - The Hospital of the University of Pennsylvania
Philadelphia, Pennsylvania

DISRUPTIVE TECHNOLOGIES IN CLTI - 3:45pm - 4:30pm

Moderator: **Saher Sabri, MD**

Panel: **Venita Chandra, MD; John H. Rundback, MD; Peter A. Schneider, MD; August Ysa, MD**

- 3:45pm - 3:52pm Specialty Balloons and the Future of DCB Technologies in BTK
Andrew Holden, MBChB
- 3:52pm - 3:59pm Bioresorbable Scaffolds in BTK Disease: Can Other Scaffolds Provide Similar Outcomes? **Sahil A. Parikh, MD**
- 3:59pm - 4:06pm Technical Considerations for Durable Outcomes in DVA **Tony Das, MD**
- 4:06pm - 4:11pm Panel Discussion
- 4:11pm - 4:18pm Advanced Ultrasound Imaging of BTA Circulation: Effect on Outcomes
Jill Sommerset, RVT
- 4:18pm - 4:25pm Effect of Calcium Scoring and Plantar Disease Burden on Successful BTA Interventions **Steven Kum, MD**
- 4:25pm - 4:30pm Panel Discussion

LATE-BREAKING CLINICAL TRIALS 4:30pm - 5:15pm

Moderator: **Brian DeRubertis, MD**

Panel: **Jade S. Hiramoto, MD; Zola N'Dandu, MD; Vincent L. Rowe, MD**

Roundtable - Tuesday, November 5

CAROTID INTERVENTIONS - 8:00am - 8:50am

Moderators: **Gary Ansel, MD; Tony Das, MD**

Panel: **J. Michael Bacharach, MD; Jade S. Hiramoto, MD; D. Christopher Metzger, MD; Kenneth Rosenfield, MD, MHCDS; Peter A. Schneider, MD**

Each presentation includes a panel discussion.

8:00am - 8:10am	Changes to Carotid Care After NCD Update 20.7 Kenneth Rosenfield, MD, MHCDS
8:10am - 8:20am	When CEA Is Best Jade S. Hiramoto, MD
8:20am - 8:30am	When TCAR Is Best Peter A. Schneider, MD
8:30am - 8:40am	When CAS Is Best J. Michael Bacharach, MD
8:40am - 8:50am	New Developments in Protection and Devices for TCAR and CAS D. Christopher Metzger, MD

CLTI DEBATES 8:50am - 9:35am

Moderator: **Parag J. Patel, MD, MS**

Panel: **Brian DeRubertis, MD; Arthur Lee, MD; Leigh Ann O'Banion, MD; Luke Wilkins, MD; August Ysa, MD; Thomas Zeller, MD**

8:50am - 8:56am	Retrograde Access for Long Tibial CTO - Preferred Option Luke Wilkins, MD
8:56am - 9:02am	Pedal Bypass With Vein for Long Tibial CTO - Preferred Option Leigh Ann O'Banion, MD
9:02am - 9:05am	Panel Discussion
9:05am - 9:11am	Pedal Loop for BTA - Primary Strategy Arthur Lee, MD
9:11am - 9:17am	DVA for BTA SAD - Primary Strategy August Ysa, MD
9:17am - 9:20am	Panel Discussion
9:20am - 9:26am	BTK Scaffolds - The Data Supports It Brian DeRubertis, MD
9:26am - 9:32am	Leave No Metal Behind - The Data Is Coming for BTK DCBs Thomas Zeller, MD
9:32am - 9:35am	Panel Discussion

RENAL DENERVATION - 9:35am - 10:15am

Moderators: **Teresa L. Carman, MD; Sanjay Misra, MD**

Panel: **Jay Giri, MD, MPH; Prakash Krishnan, MD; Lindsay Machan, MD; Gaurav Parmar, MD, MPH, Eric A. Secemsky, MD, MSc**

Each presentation includes a panel discussion.

9:35am - 9:45am	Current Evidence for Renal Denervation Prakash Krishnan, MD
9:45am - 9:55am	Patient Selection for Renal Denervation Jay Giri, MD, MPH
9:55am - 10:05am	Procedural Pitfalls for Renal Denervation Lindsay Machan, MD
10:05am - 10:15am	The Noninterventionalist's Perspective: How Can Renal Denervation Impact My Practice? Gaurav Parmar, MD, MPH

VTE UPDATES 1:15pm - 2:15pm

Moderators: **Kathleen Gibson, MD; Akhilesh Sista, MD**

Panel: **Iris Baumgartner, MD; Kush R. Desai, MD; John Moriarty, MD; Robert Marc Schainfeld, DO; Mitchell D. Weinberg, MD**

Each presentation includes a panel discussion.

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| 1:15pm - 1:27pm | Technical Considerations for Iliofemoral DVT Thrombectomy
Kathleen Gibson, MD |
| 1:27pm - 1:39pm | Managing Acute Iliocaval Thrombosis: Thrombolysis, Thrombectomy, and Distal Protection
Kush R. Desai, MD |
| 1:39pm - 1:51pm | Should All IVC Filters Eventually Be Removed, or Just Some?
Robert Marc Schainfeld, DO |
| 1:51pm - 2:03pm | PE CDT: Device Design and Impact on Thrombus Extraction
John Moriarty, MD |
| 2:03pm - 2:15pm | Role of CDL in the Era of Large Bore Thrombectomy Devices
Mitchell D. Weinberg, MD |

LINC AT VIVA - 2:15pm - 3:15pm

SAVING LIMBS: BEYOND THE INTERVENTION 3:45pm - 4:30pm

Moderator: **Eri Fukaya, MD, PhD; Raghu Kolluri, MD, MS**

Panel: **Brian D. Lepow, DPM; Matthew Menard, MD; Robert Marc Schainfeld, DO**

Each presentation includes a panel discussion.

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| 3:45pm - 3:56pm | Implementing an Appropriate Care Pathway for Limb Salvage
Matthew Menard, MD |
| 3:56pm - 4:07pm | Patient-Specific Wound Care Decisions: Determining Appropriate Time, Resources, and Management of Vascular Wounds
Eri Fukaya, MD, PhD |
| 4:07pm - 4:18pm | Optimal Choice of Biologic Agents to Assist in Wound Healing
Brian D. Lepow, DPM |
| 4:18pm - 4:30pm | Optimal Medical Therapy and Follow-Up Imaging Post CLTI Intervention
Robert Marc Schainfeld, DO |

Strategies on the Frontline - Tuesday, November 5

CLTI: BTK & BTA - 8:00am - 8:55am

Moderator: **Ehrin Armstrong, MD**

Panel: **Aparna Baheti, MD; Yonatan Bitton-Faiwizewski, MD; Kumar Madassery, MD; Zola N'Dandu, MD; John H. Rundback, MD**

Each presentation includes a panel discussion.

8:00am - 8:11am	Retrograde Tibial Access Case Aparna Baheti, MD
8:11am - 8:11am	Tibial Scaffold Case Yonatan Bitton-Faiwizewski, MD
8:22am - 8:33am	Pedal Loop Case John H. Rundback, MD
8:33am - 8:44am	DVA for Advanced SAD Case: Initial Intervention Kumar Madassery, MD
8:44am - 8:55am	DVA for Advanced SAD Case: Secondary Intervention Zola N'Dandu, MD

MY LONELIEST CASE & WHAT I LEARNED: ARTERIAL 8:55am - 9:50am

Moderator: **D. Christopher Metzger, MD**

Panel: **Sasanka Jayasuriya, MD; Joseph Lombardi, MD, MBA; Alex Powell, MD; Sameh Sayfo, MD, MBA; Sara L. Zettervall, MD, MPH**

Each presentation includes a panel discussion.

8:55am - 9:06am	AAA Case Sara L. Zettervall, MD, MPH
9:06am - 9:17am	Thoracic Aortic Case Joseph Lombardi, MD, MBA
9:17am - 9:28am	Aortoiliac Occlusion Case Sameh Sayfo, MD, MBA
9:28am - 9:39am	Multi-Level CTO Case Sasanka Jayasuriya, MD
9:39am - 9:50am	Mesenteric Occlusion Case Alex Powell, MD

MY LONELIEST CASE & WHAT I LEARNED: VENOUS - 1:15pm - 2:05pm

Moderator: **Parag J. Patel, MD, MS**

Panel: **William C. Dixon IV, MD; Dejah Judelson, MD; Warren Swee, MD, MPH; Nora Tabori, MD; Luke Wilkins, MD**

Each presentation includes a panel discussion.

1:15pm - 1:25pm	PE Case William C. Dixon IV, MD
1:25pm - 1:35pm	IVC Filter Retrieval Case Warren Swee, MD, MPH
1:35pm - 1:45pm	Iliocaval Reconstruction Case Luke Wilkins, MD
1:45pm - 1:55pm	Central Venous Obstruction Case Nora Tabori, MD
1:55pm - 2:05pm	Dialysis Access Case Dejah Judelson, MD

PAIN IN THE NECK 2:05pm - 2:55pm

Moderator: **Tony Das, MD**

Panel: **Misty Humphries, MD; Jason T. Lee, MD; Jean Panneton, MD; Brian J. Schiro, MD; Peter A. Soukas, MD**

Each presentation includes a panel discussion.

2:05pm - 2:15pm	Challenging Transfemoral CAS Case Peter A. Soukas, MD
2:15pm - 2:25pm	Challenging Brachiocephalic Case Jason T. Lee, MD
2:25pm - 2:35pm	TCAR Case Misty Humphries, MD
2:35pm - 2:45pm	Subclavian Occlusion Case Brian J. Schiro, MD
2:45pm - 2:55pm	Challenging Open CEA Case Jean Panneton, MD

ENDOLEAK & RESIDUAL AORTIC SAC PERFUSION MANAGEMENT - 3:45pm - 4:30pm

Moderator: **Sean P. Lyden, MD**

Panel: **Frank R. Arko, MD; Javairiah Fatima, MD; Constantino Peña, MD; Ryan Schenning, MD; Jordan R. Stern, MD**

Each presentation includes a panel discussion.

3:45pm - 3:54pm	Type II Endoleak Case: Translumbar Constantino Peña, MD
3:54pm - 4:03pm	Type II Endoleak Case: Transarterial Ryan Schenning, MD
4:03pm - 4:12pm	Type II Endoleak Case: Transcaval Jordan R. Stern, MD
4:12pm - 4:21pm	Type I Endoleak Case: Going Behind or Through the Device Javairiah Fatima, MD
4:21pm - 4:30pm	Type I Endoleak Case: Endoanchors Frank R. Arko, MD

Discovery Theater - Wednesday, November 6

The Discovery Theater is designed to facilitate discussion between the presenters and audience in an intimate setting. Several of the focused discussion topics are scheduled simultaneously at different stations in the theater.

MASTER WORKSHOP - 8:00am - 9:00am

Moderator: **Peter A. Schneider, MD**

Faculty members will discuss their most-used devices and products.

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|-----------------|--|
| 8:00am - 8:30am | Fem-Pop Occlusions
Lawrence A. Garcia, MD; Warren Swee, MD |
| 8:00am - 8:30am | Venous: Acute Thrombus Removal
Yana Etkin, MD; Daniel Leung, MD |
| 8:30am - 9:00am | Below-the-Knee Occlusions
Andrew Holden, MBChB; Mitchell D. Weinberg, MD |

CROSSROADS: INTERACTIVE CASES - 9:00am - 10:00am

Moderator: **Venita Chandra, MD**

Faculty members will present challenging cases that invite audience questions and input throughout the presentation.

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|------------------|---|
| 9:00am - 9:30am | Aortoiliac Occlusions
Jon George, MD; Jake Hemingway, MD |
| 9:00am - 9:30am | Visceral Arterial Interventions
Julie Bulman, MD; Shawn Sarin, MD |
| 9:30am - 10:00am | Below-the-Knee CLTI
Derek Mittleider, MD; Katherine Schuetze, MD |
| 9:30am - 10:00am | Deep Vein Reconstruction
Yolanda Bryce, MD; Kush Desai, MD |

Spotlight Theater - Wednesday, November 6

VASCULAR DRAMA: FROM DISASTER TO SUCCESS - 8:00am - 9:00am

Moderator: **Kathleen Gibson, MD**

Panel: **Osman Ahmed, MD; Yolanda Bryce, MD; Frank Caputo, MD; William C. Dixon IV, MD; Shawn Sarin, MD**

Each presentation includes a panel discussion.

8:00am - 8:12am	Challenging Case: Deep Venous Yolanda Bryce, MD
8:12am - 8:24am	Challenging Case: Dialysis/Central Venous Occlusions Osman Ahmed, MD
8:24am - 8:36am	Challenging Case: PE William C. Dixon IV, MD
8:36am - 8:48am	Challenging Case: Visceral Frank Caputo, MD
8:48am - 9:00am	Challenging Case: Maldeployment Shawn Sarin, MD

VASCULAR DRAMA: FROM DISASTER TO SUCCESS - 9:00am - 10:00am

Moderator: **Saher Sabri, MD**

Panel: **Frank R. Arko, MD; Daniela Branzan, MD; Lawrence A. Garcia, MD; Warren Gasper, MD; Sameh Sayfo, MD, MBA**

Each presentation includes a panel discussion.

9:00am - 9:12am	Challenging Case: Fem-Pop Scaffold Lawrence A. Garcia, MD
9:12am - 9:24am	Challenging Case: Tibial Sameh Sayfo, MD, MBA
9:24am - 9:36am	Challenging Case: Carotid Daniela Branzan, MD
9:36am - 9:48am	Challenging Case: Thoracic Dissection Frank R. Arko, MD
9:48am - 10:00am	Challenging Case: AAA Warren Gasper, MD

FACE-OFF WINNERS' CIRCLE - 10:15am - 10:45am

Moderator: **Niten Singh, MD**

Top scorers of the Face-Off competition will be announced and will give their winning presentations.

CONTROVERSIAL DATA TOPICS 10:45am - 11:30am

Moderator: **Saher Sabri, MD**