

THE MOST COMPLETE ONE-DAY ENDOVASCULAR CONFERENCE



# PACIFIC NORTHWEST ENDOVASCULAR

C O N F E R E N C E

## FRIDAY, MAY 24, 2019

The Conference Center at Convention Place | Seattle, WA

## REGISTRATION BROCHURE

### PROGRAM COMMITTEE

**NITEN SINGH, MD**

**BENJAMIN W. STARNES, MD**

**ZACHARY ARTHURS, MD**

**BRIAN MATTESON, MD**

**ANDRES SCHANZER, MD**

**NAM T. TRAN, MD**

**CYNTHIA K. SHORTELL, MD**

**JUSTIN FEEZELL, MHA**



Early registration discounts and abstract opportunities at  
**[PNEC-SEATTLE.ORG](http://PNEC-SEATTLE.ORG)**

# PACIFIC NORTHWEST ENDOASCULAR CONFERENCE

## FRIDAY, MAY 24, 2019

**The Conference Center at Convention Place | Seattle, WA**

**O**ver the last decade, the Pacific Northwest Endovascular Conference (PNEC) has set the bar for quality endovascular education and training in the region. With its interactive learning format, world-class faculty, focused breakout sessions and opportunities for physicians-in-training, PNEC has emerged as a regional powerhouse with national recognition.



## SCIENTIFIC PROGRAM HIGHLIGHTS

### AORTIC – MODERN MANAGEMENT

- Branch Graft Aortic Reconstruction
- EVAR, EVAS, FEVAR
- Proximal Seal Length

### LOWER EXTREMITY/CLI

- Drug-Coated Balloons
- Endovascular Options for Acute Limb Ischemia
- Next Generation Stents

### VENOUS

- Nutcracker Syndrome
- Pelvic Venous System Imaging
- Superficial Venous Ablation
- Venous Stent Trials

### ENDOASCULAR ESSENTIALS

- Implementing the Wiffl Scoring System
- Technique Take-Aways:  
How I Do It
- Cognitive Effects After Carotid Intervention
- Stress Testing on Patients
- One or Two Stage Basilic Vein Transpositions

### BREAKOUT SESSIONS

- Limb Preservation and Wound Care
- Vascular Nursing
- Vascular Ultrasound

### SIMULATION SUMMIT FOR VASCULAR TRAINEES

- Thursday, May 23, 2019
- Tuition and Travel Reimbursement

**QUESTIONS?** Toll-free: 888.334.7495 Phone: 305.279.2263 [questions@CCMCME.com](mailto:questions@CCMCME.com)

# ACCREDITATION INFORMATION

## LEARNING OBJECTIVES

Upon completion of this activity, the learner should be able to:

1. Identify appropriate treatment methods for complex aortic pathology
2. Recognize the limitations and benefits of fenestrated endografting
3. Determine whether endovascular procedures are a durable solution for the lower extremity
4. Analyze strategies to treat patients with Critical Limb Ischemia (CLI)
5. Assess different stent treatment strategies for lower extremity pathology
6. Describe the role of ECMO in treating pulmonary embolism
7. Identify anticoagulation strategies after interventions for May Thurner
8. Analyze the cost implications of treating PAD
9. Describe open and endovascular treatment strategies for juxtarenal aneurysms

## TARGET AUDIENCE

PNEC will be of value to vascular surgeons, interventional radiologists, interventional cardiologists, nurses and other physicians and healthcare providers involved in endovascular procedures.

## CME ACCREDITATION STATEMENT

Complete Conference Management is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

## CME CREDIT DESIGNATION STATEMENT

Complete Conference Management designates this live activity for a maximum of 8.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## OTHER CREDITS

For the purpose of recertification, American Nurses Credentialing Center (ANCC) accepts *AMA PRA Category 1 Credits™* from organizations accredited by the ACCME.

American Academy of Nurse Practitioners (AANP) accepts *AMA PRA Category 1 Credits™* from organizations accredited by the ACCME.

American Academy of Physician Assistants (AAPA) accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credits™*

from organizations accredited by the ACCME. Physician assistants may receive a maximum of 8.5 hours of Category 1 credit for completing this program.

## UEMS/EACCME CME CREDIT RECOGNITION

The American Medical Association (AMA) has an agreement of mutual recognition of CME credit with the UEMS. Under the terms of this agreement the European Accreditation Council for Continuing Medical Education (EACCME), the accrediting arm of the UEMS, will convert CME credit for live activities certified by the AMA.

## DISCLAIMER

Complete Conference Management makes every effort to develop CME activities that are scientifically based. This activity is designed for educational purposes. Participants have a responsibility to utilize this information to enhance their professional development in an effort to improve patient outcomes. Conclusions drawn by the participants should be derived from careful consideration of all available scientific information. The participant should use his/her clinical judgment, knowledge, experience, and diagnostic decision-making before applying any information, whether provided here or by others, for any professional use.

## DISCLOSURE POLICY STATEMENT

In accordance with the Accreditation Council for Continuing Medical Education (ACCME) Standards for Commercial Support, educational programs provided by Complete Conference Management must demonstrate balance, independence, objectivity, and scientific rigor. All faculty, authors, editors, and planning committee members participating in a CCM-sponsored activity are required to disclose any relevant financial interest or other relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services that are discussed in an educational activity.

## DISCLOSURE OF UNLABELED USE

Complete Conference Management requires faculty participating in any CME activity disclose to the audience when discussing any unlabeled or investigational use of any commercial product or device not yet approved for use in the United States.

This educational activity provides training necessary for licensed attendees to maintain state licensing requirements. The tuition for this educational activity is subsidized in part by unrestricted educational grants, including for those attendees who have successfully completed the state licensing requirements for their respective fields.



# PROGRAM COMMITTEE

**NITEN SINGH, MD**

*Program Chair*  
Professor of Surgery  
Program Director, Vascular Surgery  
Residency and Fellowship  
Director of Limb Preservation Services  
University of Washington  
Seattle, WA

**BENJAMIN W. STARNES, MD**

*Program Chair*  
Professor and Chief, Division of  
Vascular Surgery  
University of Washington  
Seattle, WA

**ZACHARY ARTHURS, MD**

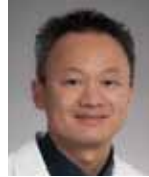
Chief, Vascular Surgery  
San Antonio Military Medical Center  
San Antonio, TX

**BRIAN MATTESON, MD**

Vascular Surgeon  
Cardiac and Vascular Services  
St. Luke's Cardiothoracic and  
Vascular Associates  
Boise, ID

**ANDRES SCHANZER, MD**

Professor and Chief  
Division of Vascular Surgery  
University of Massachusetts  
Medical School  
Worcester, MA

**NAM T. TRAN, MD**

Associate Professor of Surgery  
Division of Vascular Surgery  
University of Washington  
Seattle, WA

**CYNTHIA K. SHORTELL, MD**

Professor of Surgery  
Chief, Division of Vascular Surgery  
Duke University Medical Center  
Durham, NC

**JUSTIN FEEZZEL, MHA**

Division Administrator, Vascular  
Surgery  
University of Washington  
Seattle, WA

## INVITED FACULTY

**Christopher Abularrage, MD**

The Johns Hopkins Hospital  
Baltimore, MD

**Francesco Aiello, MD**

University of Massachusetts  
Medical Center  
Worcester, MA

**Brenda Rae Allen-Kline, MN,  
ARNP**

University of Washington  
Seattle, WA

**Charles Andersen, MD**

Madigan Army Medical Center  
Tacoma, WA

**Ehrin J. Armstrong, MD, MSc**

University of Colorado  
School of Medicine  
Denver, CO

**Benjamin Brooke, MD**

University of Utah  
Salt Lake City, UT

**Venita Chandra, MD**

Stanford University  
Stanford, CA

**Warren Chow, MD**

University of Washington  
Seattle, WA

**Mark Conrad, MD**

Massachusetts General Hospital  
Boston, MA

**Clement Darling, III, MD**

The Vascular Group, PLLC  
Albany, NY

**David H. Deaton, MD, FACS**

Georgetown University Hospital  
Washington, DC

**Brian G. DeRubertis, MD**

UCLA School of Medicine  
Los Angeles, CA

**Joseph Fiorito, DPM**

Harborview Medical Center  
University of Washington  
Seattle, WA

**Thomas L. Forbes, MD**

University of Toronto  
Toronto, ON, Canada

**Mark Goetcheus, RN, CWCN**

Harborview Medical Center  
University of Washington  
Seattle, WA

**Phillip P. Goodney, MD**

Dartmouth-Hitchcock  
Medical Center  
Lebanon, NH

# INVITED FACULTY, CONTINUED

**Sundeep Guliani, MD**

University of New Mexico  
Albuquerque, NM

**Caitlin Hicks, MD**

Johns Hopkins Hospital  
Baltimore, MD

**Jeffrey Jim, MD**

Washington University School of  
Medicine  
St. Louis, MO

**John R. Laird, MD**

Adventist Heart and Vascular  
Institute  
St. Helena, CA

**Sara Mahmood, DPM**

Northwest Hospital and Medical  
Center  
Seattle, WA

**Kimberly Malka, MD**

Maine Medical Center  
Portland, ME

**William Marston, MD**

University of North Carolina  
Cary, NC

**Robert McLafferty, MD**

OHSU  
Portland, OR

**Mark Meissner, MD**

University of Washington  
Seattle, WA

**Matt Mell, MD**

UC Davis Medical Center  
Sacramento, CA

**Matthew Menard, MD**

Brigham and Women's Hospital  
Boston, MA

**Patrick Muck, MD**

Good Samaritan Hospital  
Cincinnati, OH

**Derek Nathan, MD**

Virginia Mason Medical Center  
Mercer Island, WA

**Nilufer Norsworthy, MD**

University of Washington  
Northwest Hospital  
Seattle, WA

**Mario Ponticello, MD**

Madigan Army Medical Center  
Seattle, WA

**Elina Quiroga, MD**

University of Washington  
Seattle, WA

**Matt Recht, MD**

Good Samaritan Hospital  
Cincinnati, OH

**David A. Rigberg, MD**

UCLA  
Santa Monica, CA

**William Robinson, MD**

University of Virginia  
Charlottesville, VA

**John Rollo, MD**

University of Washington  
Seattle, WA

**Peter J. Rossi, MD**

Medical College of Wisconsin  
Milwaukee, WI

**Vincent Rowe, MD**

USC Medical Center  
Los Angeles, CA

**John Rundback, MD**

Holy Name Medical Center  
Teaneck, NJ

**Ulka Sachdev, MD**

University of Pittsburgh  
Pittsburgh, PA

**Darren Schneider, MD**

Weill Cornell Medical College  
New York, NY

**Peter A. Schneider, MD**

Hawaii Permanente Medical  
Group  
Honolulu, HI

**Sherene Shalhub, MD, MPH**

University of Washington  
Seattle, WA

**Eddie Shen, MD**

University of Washington  
Seattle, WA

**Susanna Shin, MD**

University of Washington  
Seattle, WA

**Ankur Shukla, MD**

University of South Florida  
Tampa, FL

**David Stone, MD**

Dartmouth Hitchcock Medical  
Center  
Lebanon, NH

**Edward Strachan, CPO**

University of Washington  
Seattle, WA

**Matthew P. Sweet, MD**

University of Washington  
Seattle, WA

**Tze-Woei Tan, MD**

University of Arizona Health  
Sciences  
Tucson, AZ

**Gale Tang, MD, FACS**

University of Washington  
Seattle, WA

**Rachel Thompson, MD**

University of Nebraska  
Omaha, NE

**Anders Wanhainen, MD**

Uppsala University  
Uppsala, Sweden

**Sarah Whitehead, MN, ARNP**

University of Washington  
Seattle, WA

**Jodie Wise, RRT**

Harborview Medical Center  
University of Washington  
Seattle, WA

**Max V. Wohlaer, MD**

University of Colorado School of  
Medicine  
Aurora, CO

**Molly Zaccardi, MHA, RVT**

University of Washington  
Seattle, WA

**Wayne Zhang, MD**

University of Washington  
Seattle, WA

**Wei Zhou, MD**

University of Arizona  
Tucson, AZ

**Robert E. Zierler, MD**

University of Washington  
Seattle, WA

# SCIENTIFIC PROGRAM

## THURSDAY, MAY 23, 2019

7:35 a.m. – 5:00 p.m. Simulation Summit for Vascular Trainees

5:00 p.m. – 6:30 p.m. Welcome Reception and Visit Exhibits

5:30 p.m. – 6:30 p.m. Resident Competition: Suturing

## FRIDAY, MAY 24, 2019

7:00 a.m. Continental Breakfast and Visit Exhibits

7:00 a.m. Abstract Poster Presentations

7:55 a.m. Welcoming Remarks Niten Singh, MD

### Session I: Aortic – Modern Management

*Moderators: Andres Schanzer, MD and Benjamin Starnes, MD*

8:00 a.m. Fenestrated EVAR (FEVAR) is the Best Treatment for Juxtarenal Aneurysms but There are Limitations Tom Forbes, MD

8:10 a.m. Where Are We Headed with FEVAR? Are We Better at Adopting This Technology Now? Andres Schanzer, MD

8:20 a.m. We Had to Learn How to Plan for EVAR and Planning for FEVAR is Not That Hard: Tips for Success Benjamin Starnes, MD

8:30 a.m. Large Diameter Aneurysms Do Not Do As Well, And It Is All About The Seal Venita Chandra, MD

8:40 a.m. EVAR Technology: Engineering And Historical Perspectives. Have We Made Significant Progress? David Deaton, MD

8:45 a.m. Iliac Branch Device: Should We Now Be Adopting This Modality For All Anatomically Eligible Patients? Darren Schneider, MD

8:50 a.m. Endoanchors In Your Practice: When Should This Technology Be Utilized? Jeffrey Jim, MD

9:00 a.m. Recognizing Genetically Triggered Aortopathy In Your Practice And The Implications It May Have Sherene Shallhub, MD

9:10 a.m. Utilizing TEVAR to Convert TAAA to a More Manageable Situation: How I Do It. Mark Conrad, MD

9:20 a.m. What Are The Characteristics of TAAA Patients That Make Endovascular Options More Formidable? Matthew Sweet, MD

9:30 a.m. Risk Scores for Ruptured AAA: Are They Practical? Matt Mell, MD

9:40 a.m. Implications Of The European NICE Guidelines On Aortic Practice Anders Wanhainen, MD

9:50 a.m. Panel Discussion and Audience Questions

10:00 a.m. Refreshment Break and Visit Exhibits

### 10:30 a.m. – 12:00 p.m. Concurrent Focus Session: Vascular Nursing

*Moderators: Brenda Rae Allen-Kline, MN, ARNP and Elina Quiroga, MD*

### Session II: Lower Extremity

*Moderators: Chris Abullarrage, MD and Niten Singh, MD*

10:30 a.m. Emerging Technology: So Much Is Available, How Do You Incorporate It In Your Practice And With Cost Constraints? Ehrin Armstrong, MD

10:40 a.m. Tibial Artery Interventions: What Is On The Horizon? John Rundback, MD

10:50 a.m. What Is The Best Predictor of Wound Healing? Angiosomes, Wi-Fi Classification, Etc. Chris Abullarrage, MD

11:00 a.m. 5-year Results of Drug-coated Balloon Angioplasty Remain Favorable. Where Do We Go From Here And Are We Achieving the “Leave Nothing Behind” Philosophy? John Laird, MD

11:10 a.m. Are We Reaching The End for Femoral to Above the Knee Bypass with Drug-coated Technology and Retrograde Access? Peter Schneider, MD

11:20 a.m. Current Status of Endovascular Options for Acute Limb Ischemia: Are We Reaching a Point Where it Should Be the First Option? Patrick Muck, MD

11:30 a.m. Bioresorbable Stents: Is This A Technology Worth Further Investigation in the Lower Extremity? Brian DeRubertis, MD

11:40 a.m.	Medical Management of PAD: What Do You Need To Know?	Matthew Menard, MD
11:50 a.m.	Panel Discussion and Audience Questions	
12:00 p.m.	Lunch and Visit Exhibits	
12:00 p.m.	Resident Competition: EVAR Planning	
<b>Session III: Venous</b>		
<i>Moderators: Mark Meissner, MD and Cynthia Shortell, MD</i>		
1:15 p.m.	Current Status of New Venous Stents: What is On the Horizon?	Bill Marston, MD
1:25 p.m.	Can a DVT Be Cleared in a Single Session With The Current Devices Available?	Patrick Muck, MD
1:35 p.m.	ECMO in the Treatment of PE: Does it Work and What do We Need to Know?	Sundeeep Guliani, MD
1:45 p.m.	Debate: Pelvic Venous Disorders – Nutcracker Syndrome: My Technique and Why it Works	Cynthia Shortell, MD
1:55 p.m.	Debate: Nutcracker Syndrome: I Do it Differently and I Believe My Technique Is Better!	Mark Meissner, MD
2:05 p.m.	Anticoagulation After Venous Interventions for May-Thurner: What Is the Optimal Method?	David Rigberg, MD
2:15 p.m.	Imaging the Pelvic Venous System: Tips and Tricks that Make a Difference!	Mark Meissner, MD
2:25 p.m.	Superficial Venous Ablation: How to Be Efficient With the Current Technology Available	John Rollo, MD
2:35 p.m.	Panel Discussion and Audience Questions	
2:35 p.m. – 4:05 p.m.	<b>Concurrent Focus Session: Limb Preservation and Wound Care</b> Moderator: Joseph Fiorito, DPM	
<b>Session IV: Physician Practice</b>		
<i>Moderators: Ben Brooke, MD and Brian Matteson, MD</i>		
2:45 p.m.	Implementing the Wifl Scoring System In Your Practice: It Will Improve Your Ability To Care For Patients With CLI	William Robinson, MD
2:55 p.m.	What Is the Actual Cost of Treating Patients With PAD?	Phil Goodney MD
3:05 p.m.	Cognitive Effects After Carotid Intervention: Can Patients Actually Have Improved Function?	Wei Zhou, MD
3:15 p.m.	Stress Testing on Our Patients: What Does the Data Say?	David Stone, MD
3:25 p.m.	Update on Coding/Legislation	Francesco Aiello, MD
3:35 p.m.	Clinical Decision Making in Vascular Surgery When Caring for Frail and Vulnerable Adults: Is it Ethical to Not Offer Them an Operation?	Ben Brooke, MD
3:45 p.m.	One or Two Stage Basilic Vein Transpositions: What Does The Data Say?	Kevin Tan, MD
3:55 p.m.	Panel Discussion and Audience Questions	
4:05 p.m.	Refreshment Break and Visit Exhibits	
4:35 p.m. – 6:05 p.m.	<b>Concurrent Focus Session: Vascular Ultrasound</b> Moderators: Susanna Shin, MD, Gene Zierler, MD and Molly Zaccardi, MHA, RVT	
<b>Session V: Technical Pearls and Debate</b>		
<i>Moderators: Andres Schanzer, MD and Cynthia Shortell, MD</i>		
4:35 p.m.	My Technique For CLI - Distal Bypass	Vince Rowe, MD
4:45 p.m.	My Technique For CLI - Multiple Tibial Vessel Revascularization	Venita Chandra, MD
4:55 p.m.	Popliteal Aneurysm Repair: We Need to Transition to Endovascular Repair	Patrick Muck, MD
5:05 p.m.	Not So Fast: Endovascular Repair Has a Long Way to Go to Replicate the Open Results!	Peter Rossi, MD
5:15 p.m.	How I Fix a Juxtarenal Aneurysm: Retroperitoneal Approach	Clem Darling, MD
5:25 p.m.	How I Fix a Juxtarenal Aneurysm: FEVAR	Benjamin Starnes, MD
5:35 p.m.	Resident Competition: "The \$10,000 Pyramid"	
6:15 p.m.	Closing Talk	Peter Schneider, MD
6:25 p.m.	Adjourn	
7:00 p.m. – 9:00 p.m.	Closing Dinner and Resident Competition Award Presentation	

# CONCURRENT FOCUS SESSION PROGRAMS

## VASCULAR NURSING

FRIDAY, MAY 24, 2019

### Concurrent Focus Session: Vascular Nursing

Moderators: Ms. Allen-Kline and Dr. Quiroga

10:30 a.m.	Vascular Ultrasound: What to Order and Why	Jodi Wise, RRT
10:45 a.m.	Medically Optimizing the Vascular Patient	Edie Shen, MD
11:00 a.m.	Treatment of the Dialysis Patient	Susana Shin, MD
11:15 a.m.	Women and Vascular Disease	Elina Quiroga, MD
11:30 a.m.	Swollen Leg: How to Triage a Common Clinic	Sarah Whitehead, MN, ARNP
11:45 a.m.	Limb Preservation	Mark Goetcheus, CWCN, RN
12:00 p.m.	Adjourn	

## LIMB PRESERVATION AND WOUND CARE

FRIDAY, MAY 24, 2019

### Concurrent Focus Session: Limb Preservation and Wound Care

Moderator: Joseph Fiorito, DPM

2:35 p.m.	Current Consensus: Efficacy of HBO and Diabetic Foot Ulcers	Nilufer Norsworthy, MD
2:45 p.m.	A Life in the Practice of Limb Preservation: Key Essentials to Success	Charles Andersen, MD
2:55 p.m.	Limb Preservation: Ways to Incorporate Clinical Research into Your Practice	William Marston, MD
3:05 p.m.	Toe Be or Not Toe Be: A 5-year Perspective on Efficacy of Toe Amputations vs. Transmetatarsal Amputations	Joseph Fiorito, DPM
3:15 p.m.	Now or Later? How to Decide on the Urgency of Surgery in a High-Risk Limb	Sara Mahmood, DPM
3:25 p.m.	Keeping the Fire and the Power of an LPS Team	Robert McLafferty, MD
3:35 p.m.	Why Stage Your Limb Preservation Surgeries?	Mario Ponticello, MD
3:45 p.m.	Functional Bracing and/or Prosthetic Options in Minor Foot Amputations	Edward Strachan
3:55 p.m.	Key Components to Establishing a Successful Inpatient Wound Care Team	Mark Goetcheus, RN, CWCN

## PNEC VASCULAR ULTRASOUND

FRIDAY, MAY 24, 2019

### Concurrent Focus Session: Vascular Ultrasound

Moderators: Susanna Shin, MD; Gene Zierler, MD and Molly Zaccardi, MHA, RVT

4:35 p.m.	Welcome Remarks	Susanna Shin, MD and Molly Zaccardi, MHA, RVT
4:40 p.m.	Criteria for Surveillance After Stenting	Ankur Shukla, MD
4:55 p.m.	Two Case Presentations	
5:05 p.m.	EVAR Surveillance	Susanna Shin, MD
5:20 p.m.	Two Case Presentations	
5:30 p.m.	Special Considerations in HD Access	Ulka Sachdev, MD
5:45 p.m.	Two Case Presentations	
5:55 p.m.	Questions	Panel



# PNEC SIMULATION SUMMIT FOR VASCULAR TRAINEES

THURSDAY, MAY 23, 2019

6:30 a.m. – 6:30 p.m. Registration

7:00 a.m. Continental Breakfast

7:35 a.m. Introduction and Overview Niten Singh, MD and  
Nam T. Tran, MD

## Modern Management of PAD and CLI

*Moderators: Drs. Chandra and Malka*

7:40 a.m. Endovascular Treatment versus Open Surgical Bypass: What is the “Best” Revascularization Option? Matthew Menard, MD

7:45 a.m. Atherectomy: Laser and Mechanical Devices and Incorporating These Modalities in Practice Ehrin J. Armstrong

7:50 a.m. Drug-Coated Balloons (DCBs): Mechanism of Action and Current Results Caitlin Hicks, MD

7:55 a.m. Stent Selection for Peripheral Procedures: Drug Eluting, Standard Nitinol or Woven Nitinol? Venita Chandra, MD

8:00 a.m. Percutaneous Mechanical Thrombectomy Techniques and Options Patrick Muck, MD

8:05 a.m. Panel Discussion  
Panel: Ehrin J. Armstrong, MD, Venita Chandra, MD, Caitlin Hicks, MD, Matthew Menard, MD and Patrick Muck, MD

8:15 a.m. Case Reviews: What Would You Do?  
Moderators: Venita Chandra, MD, and Kimberly Malka, MD

## Venous and Wounds

*Moderators: Drs. Marston and Recht*

9:00 a.m. Setting Up a Venous Practice: What Are the Essential Requirements and What Are the Tips to Be Successful? William Marston, MD

9:05 a.m. Iliocaval Venous Stenting: How I Do It John Rollo, MD

9:10 a.m. Sclerotherapy and Treating Telangiectasias: What You Need to Know Patrick Muck, MD

9:15 a.m. I Am the New Guy and Do Veins and Wounds... I Guess? Tips on Starting Out in Wound Care Robert McLafferty, MD

9:20 a.m. RFA, EVLT and Nonthermal Therapy for Superficial Venous Reflux: How to Choose? Matt Recht, MD

9:25 a.m. Panel Discussion  
Panel: William Marston, MD, Robert McLafferty, MD, Patrick Muck, MD, Matt Recht, MD, and John Rollo, MD

9:35 a.m. Case Reviews: What Would You Do?  
Moderator: William Marston, MD

10:00 a.m. Refreshment Break

10:15 a.m. Hands-On Rotation: Endovascular Simulation All Faculty

11:45 a.m. Lunch Break

## Practice Management Session

*Moderators: Drs. Chow and Tang*

12:30 p.m. Lessons I am Learning in My First Year of Practice Kimberly Malka, MD

12:40 p.m. Identifying Research Possibilities in Your Practice Gale Tang, MD

12:50 p.m. Billing and Coding in Practice: What Do I Need to Know and What Are My Resources? Francesco Aiello, MD

1:00 p.m. Panel Discussion  
Panel: Francesco Aiello, MD, Kimberly Malka, MD, and Gale Tang, MD

*continued*

**Management of Aortic Pathologies**

*Moderators: Drs. Rigberg and Shalhub*

1:10 p.m.	Endovascular Management of Acute Type B Aortic Dissection: When to Intervene	Sherene Shalhub, MD
1:15 p.m.	Endovascular Management of Chronic Type B Aortic Dissections: When to Intervene	Derek Nathan, MD
1:20 p.m.	Management of Branch Vessel Occlusions and Lower Extremity Ischemia Associated With Aortic Dissection	Max Wohlaue, MD
1:25 p.m.	Optimal Medical Management of Type B Dissections: What Is It and Have There Been Any Advances in This Modality?	David A. Rigberg, MD
1:30 p.m.	When and How to Incorporate Adjunctive Proximal Sealing Technology Such as Endoanchors	Jeffrey Jim, MD
1:35 p.m.	How I Do It Step by Step: EVAR for rAAA	Elina Quiroga, MD
1:40 p.m.	How I Do It Step by Step: FEVAR	Benjamin W. Starnes, MD
1:45 p.m.	Panel Discussion Panel: Jeffrey Jim, MD, Derek Nathan, MD, Elina Quiroga, MD, David A. Rigberg, MD, Sherene Shalhub, MD, Benjamin W. Starnes, MD and Max Wohlaue, MD	
2:00 p.m.	Case Reviews: What Would You Do? Moderators: Jeffrey Jim, MD, and Kimberly Malka, MD	
3:00 p.m.	Refreshment Break	
3:15 p.m.	Hands-On Rotation Simulator	All Faculty
4:55 p.m.	Conclusion and Course Evaluation	Nam T. Tran, MD

# CONFERENCE LOCATION

## THE CONFERENCE CENTER AT CONVENTION PLACE

Corner of 8th Avenue & Pike Street (Entrance on Pike Street)  
Seattle, WA 98101



# ACCOMMODATIONS



## HYATT REGENCY SEATTLE HOTEL

808 Howell Street, Seattle, WA 98101  
 Online Reservations: [PNEC-SEATTLE.ORG](http://PNEC-SEATTLE.ORG)  
 Phone Number: 206-973-1234  
 Group Rate: \$199/night plus applicable taxes  
 Group Discount Reference: G-PNEC  
 Discount Deadline: May 3, 2019  
*(Based on Availability)*

# REGISTRATION INFORMATION

REGISTRATION FEES	by March 1	March 2 through May 24
Physician	\$200	\$300
Allied Health Professional	\$175	\$225
Industry Professional/ Scientist/ Engineer	\$200	\$300
** Fellow/ Resident/ Medical Student	\$40	\$40
PNEC Dinner Ticket	\$50	\$50

## REGISTER TODAY AT [PNEC-SEATTLE.ORG](http://PNEC-SEATTLE.ORG)

### REGISTRATION FEE INCLUDES

- Admission to scientific sessions
- Course materials and access to presentations online
- Access to the Exhibit Hall
- Welcome Reception
- Continental breakfast, refreshment breaks and boxed lunch in the Exhibit Hall

### THE PNEC DINNER

Join your colleagues at the PNEC Dinner on Friday, May 24, 2019. Make your dinner reservation by purchasing a ticket at the time of registration. Tickets are available for just \$50 per person. Tickets are also available for spouses and are limited!

### REGISTRATION CONFIRMATION

Once your online registration is complete, you will receive an on-screen registration confirmation and an automated email confirmation. Please check your spam folder to ensure that your confirmation is received.

### PAYING BY CHECK

PNEC's online registration system requires payment by credit card. If you prefer to pay with a check, please download and complete the PNEC Registration Form found at [pnecc-seattle.org/registration](http://pnecc-seattle.org/registration) and send it along with the check to the address listed on the form.

### \*\*FELLOWS, RESIDENTS AND MEDICAL STUDENTS

Fellows, residents and medical students are required to submit a letter from their program director, on institutional letterhead, that confirms their active fellowship or resident status. The letter should be submitted via email to [mlescanofeher@CCMCME.com](mailto:mlescanofeher@CCMCME.com).

### CANCELLATION POLICY

Cancellation requests received in writing on or before April 5, 2019, will be refunded, less a \$50 administrative fee. Cancellation requests received after April 5, 2019, will not be refunded.

### QUESTIONS?

For additional registration information, please contact Complete Conference Management at 888-334-7495 or 305-279-2263, or email [registration@CCMCME.com](mailto:registration@CCMCME.com).

PACIFIC NORTHWEST  
ENDOVASCULAR

C O N F E R E N C E

FRIDAY, MAY 24, 2019 • SEATTLE, WA

MEETING CONTACTS

**SCIENTIFIC PROGRAM, FACULTY AND LOGISTICS**

Brian Snyder, Meeting Manager  
BSnyder@CCMCME.com

**INTERNATIONAL CALL FOR ABSTRACTS**

Abstracts@pniec-seattle.org

**ATTENDEE REGISTRATION**

Registration@CCMCME.com

**SPONSORSHIP**

Grants@CCMCME.com

**EXHIBIT SALES AND MARKETING OPPORTUNITIES**

Exhibitsales@CCMCME.com

**PNEC-SEATTLE.ORG**

*Provided by:*



**Complete Conference Management**

8333 NW 53rd Street, Suite 450

Miami, FL 33166

NON-PROFIT ORG  
U.S. POSTAGE  
PAID  
MIAMI FL  
PERMIT NO 2464