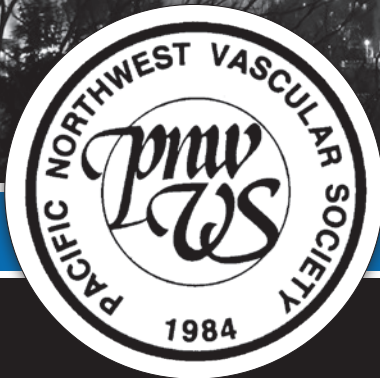


**ADVANCE
PROGRAM**



PACIFIC NORTHWEST VASCULAR SOCIETY

PNWVS 2018 ANNUAL MEETING

November 1–2, 2018

Seattle, WA
The Edgewater Hotel

Check the website for registration and additional information at <http://pacificnwvascular.org>



PNWVS 2018 ANNUAL MEETING November 1-2, 2018 Seattle, WA *The Edgewater*



Dear Friends in Vascular Surgery,

For over three decades, the Pacific Northwest Vascular Society has focused on the mission laid out by the founders: To contribute to the understanding of peripheral vascular diseases by promoting the professional development of specialists in vascular disease. To maintain high standards in caring for the patient with vascular disease by providing a forum for the presentation of scientific information and the proposal of theories concerning vascular diseases. As your 2018 president, I intend to galvanize the society members to innovate and contribute to the upcoming meeting. at The Edgewater in Seattle, WA for the Pacific Northwest Vascular Society Annual Meeting November 1-2, 2018.

Anton Sidawy, MD, will be giving the keynote lecture at the 2018 meeting. He is a Professor and the Lewis B. Saltz Chair of Surgery at The George Washington University School of Medicine and Health Sciences. He is the former president of the Society for Vascular Surgery and is the current president of the Vascular Disease Foundation, as well as a Governor of the American College of Surgeons. He has served as Editor-in-Chief of the Journal of Vascular Surgery and is the Associate Editor of Rutherford's book of Vascular Surgery. Uniquely qualified to address our members on numerous topics, he will discuss the current status of certification of Vascular Centers in our country.

New at the meeting this year will be a Hands on Point of Care Ultrasound Course supported by Sonosite from Bothell, WA. Also new this year is a executive coaching symposium sponsored by Medtronic geared towards our ever expanding group of women in vascular surgery.

The theme of the 2018 meeting is "The Taste of Seattle" so you can look forward to fine coffee, chocolate, Washington wine and networking events that will expose you to the best our city has to offer. Friday to wrap up the meeting we will offer attendees a chance to ride the Seattle Great Wheel and enjoy dinner on the pier at the Crabpot. On Saturday, choose to stay in town and the society will treat you to a rare glimpse into Seattle culture with a visit to the Amazon Seattle Spheres.

See you in Seattle this November!

Sincerely,

Niten Singh, M.D. FACS

Pacific Northwest Vascular Society 2018 President



2018 PNWVS Executive Officers and Councilors

Niten Singh, MD
President

Brian Matteson, MD
Immediate Past-President

Nam Tran, MD
President-Elect

Brian Ferris, MD
Secretary-Treasurer

Matthew Sweet, MD
Program Director

Glen Roseborough, MD
Senior Councilor

Jeff Pastenau, MD
Senior Councilor

Enjae Jung, MD, MD
Junior Councilor

Christian Hamlat, MD
Junior Councilor

Sherene Shalhub, MD
Local Arrangements Chair

CONTACT INFORMATION

**Pacific Northwest Vascular Society,
Executive Director**

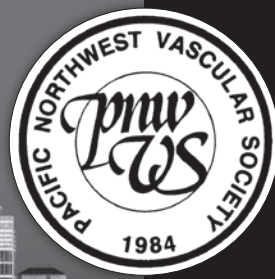
Heather Roderick

Telephone: 360-420-6906

Fax: 360-261-6077

pnwvascular@gmail.com

<http://pacificnwvascular.org>



PNWVS 2018 ANNUAL MEETING November 1-2, 2018 Seattle, WA *The Edgewater*



VENUE INFORMATION

The Edgewater Hotel

2411 Alaskan Way
Seattle, WA 98121

Explore all Seattle has to offer from this fine waterfront conference venue. A destination in itself, the hotel is legendary for hosting everyone from The Beatles to Pearl Jam. The hotel interior features elegant vintage boutique design with many contemporary amenities for the conference. Group discounted valet parking is \$35 per day. Limited rooms are available at the PNWVS Group Rate of \$209/per night single or double occupancy until Monday, October 2, 2018.

RESERVATIONS PROCESS & BOOKING WEBSITE

A dedicated booking website has been created for your event so you will be able to make, modify and cancel your hotel reservations online, as well as take advantage of any room upgrades, amenities or other services offered by the hotel. To reserve please click the following link:

[PNWVS Hotel Reservations](#)

MEETING REGISTRATION

Payment can be made by credit card or check when you register online or by faxing or mailing the registration form to:

Pacific Northwest Vascular Society

1411 5th St.
Anacortes, WA
Telephone: 360-420-6906
Fax: 360-261-6077
Email: pnwvascular@gmail.com

2018 Advance Registration Fees:

\$250 - Active Member
\$150 - Senior Member (retired from active practice)
\$350 - Non Member
\$0 - Resident/Medical Student
\$75 - Spouse/Guest (includes Thursday & Friday receptions)

On-site registration is available for an additional \$100 fee. Students and residents are required to register in advance to attend for free.

MEMBERSHIP DUES

2018-19 Membership Dues are \$250. This amount includes the registration cost for the meeting. If you will not be attending the meeting, you may pay your dues online at any time, or simply pay the dues invoice that will be sent following the event.

CME

American College of Surgeons has granted preliminary approval for this joint providership CME event. Credits hours will be confirmed upon final application approval from the ACS.

The objective of this meeting is to provide a variety of learning opportunities in vascular surgical practice, research, and science that support individual educational needs and promote life-long learning.

The PNWVS meeting is designed for:

- Vascular surgeons
- Fellows/residents in vascular surgery and general surgery programs
- Physicians in related specialties
- Interventional radiologists working in the vascular imaging and intervention field
- Physician assistants and nurses involved in the care of vascular surgical patients
- Vascular technologists and vascular lab administrators
- Medical students interested in vascular surgery or vascular surgery related research
- Researchers, administrators, practice managers and allied health professionals with an interest in the science and treatment of vascular disease



PNWVS 2018

ANNUAL MEETING

November 1-2, 2018

Seattle, WA *The Edgewater*

PROGRAM LEARNING OBJECTIVES

At the end of this program, participants should be able to discuss the following topics:

Cerebrovascular Disease

- Describe the clinical and technical management principles for asymptomatic carotid artery disease
- Describe the clinical and technical management principles for symptomatic carotid artery disease
- Describe current management principles for carotid and vertebral artery dissection
- Identify new methodologies for the diagnosis and treatment of vascular disease as it relates to cerebrovascular disease

Open Surgical and Endovascular Techniques of the Aorta and Aortic Branches

- Describe the clinical and technical management principles for thoracic aortic aneurysms and great branch vessels
- Describe the clinical and technical management principles for abdominal aortic aneurysms and visceral vessels
- Describe the clinical and technical management principles for aortic and branch vessel dissection
- Identify key features in the clinical and technical management of complications related to repair of thoracic and abdominal aortic aneurysms
- Explain the surgical approaches for both occlusive and aneurysmal visceral artery disease
- Identify new methodologies for the diagnosis and treatment of vascular disease as it relates to aortic aneurysm disease
- Analyze opportunities for system improvement in managing patients with acute and chronic aortic syndromes

Peripheral Vascular Disease

- Describe the clinical and technical management principles for patients with Peripheral Artery Disease and claudication
- Identify useful adjunctive treatment modalities to assist in wound healing chronic wounds associated with Peripheral Artery Disease
- Analyze opportunities for system improvement in managing patients with vascular disease and chronic wounds to improve limb preservation

Acute and Chronic Venous Disease Treatment

- Apply techniques of venous recanalization to their current practice
- Evaluate various quality of life measures and calculate what is most meaningful for their practice
- Describe the current therapy for acute VTE and evaluate which treatment is most appropriate for a given clinical setting
- Assess the current state of IVC filter use/retrieval and surveillance strategies
- Identify new methodologies for the diagnosis and treatment of vascular disease as it relates to acute and chronic venous disease

Hemodialysis Access

- Apply techniques of fistula creation to their current practice
- Describe factors influencing surgical and endovascular outcomes after fistula creation
- Identify new methodologies for the diagnosis and treatment of vascular disease as it relates to end-stage renal disease
- Describe new technologies for dialysis access
- Analyze opportunities for system improvement in managing patients with dialysis access needs

Non-atherosclerotic Vascular Disease

- Identify clinical presentation, risk factors and clinical and technical management principles for vascular graft infections
- Describe management strategies and techniques for exposing and repairing traumatic vasculature injuries



PNWVS 2018 ANNUAL MEETING November 1-2, 2018 Seattle, WA *The Edgewater*

SPECIAL EVENTS



WELCOME RECEPTION

Thursday, November 1, 2018

7:30pm – 9:00pm

The 2018 Pacific Northwest Vascular Society Annual Meeting will kick off with ePoster Presentations followed by a Welcome Reception within the Industry Showcase. The evening will be filled with lively conversation, cocktails, and hors d'oeuvres. Cost for this happy hour style event is included in your registration fees.

MEDICAL STUDENT MEMBERSHIP

We recognize the future of our society hinges on the new ideas and enthusiasm of young minds. In 2015, the council developed a Student Membership Category to encourage the powerful mentorship opportunities our meeting provides. PNWVS welcomes students to send in a membership application. If approved by a jury of former presidents the student will receive a complimentary registration and a stipend to help cover costs of travel and accommodation. Local students are welcome to apply for the membership and encouraged to participate during the lunch mentorship session. Student Membership Submissions can be made online using this link: [Student Membership Submissions](#)

PRESIDENTIAL GUEST LECTURER

Friday, November 2, 2018

11:30am – 12:00pm

Anton Sidawy, MD, will be giving the keynote lecture at the 2018 meeting. He is a Professor and the Lewis B. Saltz Chair of Surgery at The George Washington University School of Medicine and Health Sciences. He is the former president of the Society for Vascular Surgery and is the current president of the Vascular Disease Foundation, and a Governor of the American College of Surgeons. He has served as Editor-in Chief of the Journal of Vascular Surgery and is the Associate Editor of Rutherford's book of Vascular Surgery. Uniquely qualified to address our members on numerous topics, he will discuss the current status of certification of Vascular Centers in our country.



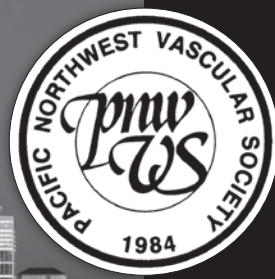
CLOSING RECEPTION AND AWARDS

Friday, November 2, 2018

5:45pm – 6:45pm

Awards for the best resident paper and special recognitions will be honored. Plan to stay and celebrate a great meeting with a reception. This event is open to all speakers, attendees, and sponsors and is included in your registration.





PNWVS 2018 ANNUAL MEETING November 1-2, 2018 Seattle, WA *The Edgewater*

TRAVEL INFORMATION

From Sea-Tac Airport and Northbound I-5:

When leaving the airport, follow the signs onto Interstate 5 North. Follow I-5 North into the city and take the Seneca Street Exit. Follow Seneca down and take a right on 1st Avenue. Continue on 1st Avenue for 10 blocks and turn Left on Wall Street. Go down the hill to the Waterfront, cross over the railroad tracks and Alaskan Way and straight into The Edgewater.

From Southbound I-5:

Take the Mercer Street exit. Continue forward for about 4 blocks and enter left turn lanes for 5th Ave. Take left at 5th, and then right at the light, onto Broad Street. Follow Broad Street down the hill until you reach the waterfront. At the waterfront, the road veers to the left and turns into Alaskan Way. The Edgewater and Six Seven restaurant is the third pier on the right hand side, Pier 67.

From I-90:

From I-90, take exit 2C for I-5 North toward Vancouver B.C. Follow signs for Madison Street / Convention Pl and merge onto 7th Ave. Turn left onto Madison Street. Turn right onto Alaskan Way. Proceed about 1 miles to the hotel at Pier 67, just past the Bell Harbor Convention Center.

GROUND TRANSPORTATION

The Edgewater is located 14.3 miles from SeaTac airport. All major rental car companies are represented at the airport terminal. Valet parking is available at The Edgewater for a discounted fee of \$35 per night (excluding taxes) and includes unlimited in and out privileges. Taxis are available from the taxi stand outside the Seatac baggage claim area for approximately \$50 (one-way) for the 25-minute ride. Uber is also available.

WEATHER INFORMATION

Fall is a beautiful season to experience Seattle. Average daytime temperatures can range from 51 – 70F. As Pacific Northwesters, we know there is usually a chance for fog or rain.



WHAT TO PACK

Attire for Thursday night's Welcome Reception is business casual. Business attire is appropriate for the Scientific Sessions and Receptions. Good walking shoes a raincoat are always advised for traveling in the Pacific Northwest. Be sure to pack your workout gear to take advantage of the fitness facilities. For the runners in the group here is a couple of great runs to enjoy while you are in the city; <http://blog.noblehousehotels.com/5-urban-running-routesseattle/>

PRESENTER INSTRUCTIONS

Professional audio - visual services will be provided for this meeting by C Sherman AV. If you need pre-meeting technical support call Chris Sherman 360-708-4226. Mac, Prezi, PC PowerPoint, and keynote presentations should be on a USB drive and uploaded onsite one hour before you present on morning of the meeting. Please arrange to arrive in time to test your videos. New this year is the ability to submit video abstracts. The video submissions must be under 4 minutes, and in mp4 format. Abstracts chosen for digital ePosters will be contacted with formatting instructions and presentation details.

QUESTIONS?

Pacific Northwest Vascular Society
Heather Roderick
pnwvascular@gmail.com
360-420-6906
www.pacificnwvascular.org



Like us on Facebook

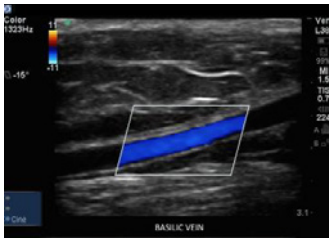


Tweet about the meeting
#PNWVS2018



PNWVS 2018 ANNUAL MEETING November 1-2, 2018 Seattle, WA *The Edgewater*

OPTIONAL EVENTS



Hands on Point of Care Ultrasound Course

Didactic Session Thursday, November 1, 2018 7:00pm

Hands on Sessions TBD Friday, November 2, 2018

Thanks to the generous support with in kind equipment loan from FujiFilm SonoSite from Bothell Washington. Please sign up online for your chance to practice your ultrasound technique. Dr. Eugene Zierler from University of Washington will give a didactic session Thursday evening to all registered attendees. Upon completion of the didactic session you will be assigned a hands on group and timeslot for Friday.

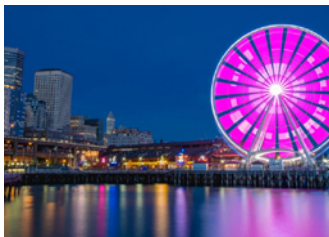


Medtronic Women in Surgery Event

November 1, 2018

Rainer Room, 7:30pm

Open to all attendees, but focused on teaching women vascular surgeons communication skills. Led by a communication expert and executive coach this one hour session will cover communication techniques from cocktail starter conversations, to patient communication and board room negotiations. There will be fun role playing and networking time with local wines and a salad bar. Sponsored by Medtronic Women in Surgery leader Katie Daniels, and lead by local arrangements chair Dr. Sherene Shalhub.



Friday Night Pier 57

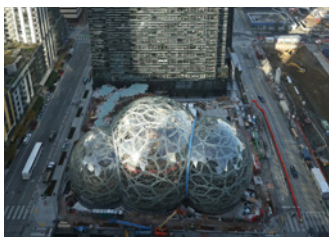
November 2, 2018

7:00pm Dinner at the Crabpot

1301 Alaskan Way, Pier 57, Seattle, WA

\$30 registration item to hold your space.

Plan to stay downtown and socialize with the group after the closing reception. Pacific Northwest Vascular will provide each person a ticket to the Seattle Great Wheel and dinner at the Crabpot a relaxed eatery & bar known for seafood served on paper-covered tables to diners with bibs & mallets. Just .7 miles or a 15 minute walk down the waterfront from our meeting venue the Edgewater the group will ride the Seattle Great Wheel that is the largest observation wheel on the west coast, standing 175 feet tall. The ferris type wheel has 42 fully enclosed gondolas that seat up to eight adults. Due to the fact there is a line up at the Great Wheel you can choose to ride at any time on Friday. We have reserved a private room on the upper floor of the Crabpot Restaurant and the casual dinner will start at 7:00pm.



Amazon Seattle Spheres

November 3, 2018

2111 7th Avenue, Seattle, WA

For those who are interested in a group activity for Saturday, November 3rd at 10am we are reserving tickets for an unguided tour of Amazon Spheres. An architectural and horticultural marvel in the heart of downtown Seattle, the spheres are a result of innovative thinking about the character of a workplace and an extended conversation about what is typically missing from urban offices– a direct link to nature. The Spheres are home to more than 40,000 plants from the cloud forest regions of over 30 countries.

To arrange your unguided visit, please sign up and we will confirm tickets one month in advance. Once you arrive to check in, everyone in the party must present a valid government issued identification card to the reception desk.



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SCIENTIFIC PROGRAM

THURSDAY, NOVEMBER 1, 2018

3:00 pm – 8:00 pm **Registration Open**

4:30 pm – 5:30 pm **Executive Council Meeting**

5:30 pm – 6:00 pm **Business Meeting**

6:00 pm – 6:30 pm **ePoster Session** 4 min pres., 2 min for discussion

6:00 pm – 6:06 pm P1. FATE OF THE UNSTENTED SUPERIOR MESENTERIC ARTERY IN FENESTRATED ENDOVASCULAR AORTIC ANEURYSM REPAIR
JR Hurd MD, B Tatum RN, N Singh MD, RE Zierler MD, BW Starnes MD

6:06 pm – 6:12 pm P2. RADIATION SAFETY IN VASCULAR SURGERY TRAINING AND PRACTICE: A SURVEY OF EXPERIENCE AND EXPOSURE
A Ohlsson MD, N Singh MD, S Shin MD

6:12 pm – 6:18 pm P3. A RETROSPECTIVE ANALYSIS OF PATIENTS WITH DEEP VEIN THROMBOSIS AND THROMBOPHLEBITIS OF A GREAT SUBCUTANEOUS VEIN IN PREGNANT WOMEN
AJ Matkerimov MD, TK Tajibayev MD, AA Baubekov MD, AS Tergeusizov MD, MA Zhakubayev MD, AS Shamshiev MD

6:18 pm – 6:24 pm P4. COMPLICATIONS OF PERCUTANEOUS ENDOVASCULAR REPAIR IN RUPTURED AORTIC ABDOMINAL ANEURYSMS ARE UNCOMMON
R Ur MD, NT Tran MD, BW Starnes MD, N Singh MD, E Quiroga MD

6:24 pm – 6:30 pm P5. DELAY IN DISCHARGE FOR PATIENTS UNDERGOING PERCUTANEOUS EVAR
A Fung MD, G Yang MD, J Gagnon MD

6:30 pm – 7:00 pm **Ultrasound Didactic Session Dr. Eugene Zierler**

6:30 pm – 8:00 pm **Taste of Seattle Reception**

7:30 pm - 8:30 pm **Women in Surgery Event**



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Seattle, WA *The Edgewater*

SCIENTIFIC PROGRAM

FRIDAY, NOVEMBER 2, 2018

7:00 am – 7:45 am **Breakfast**

7:00 am – 5:00 pm **Registration Open**

7:45 am – 8:00 am **Presidential Welcome** PNWVS President Niten Singh, MD

8:00 am – 9:30 am **SCIENTIFIC SESSION I: AORTIC** – 10 min. pres. and 5 min. discussion

8:00 am – 8:15 am 1. INITIAL EXPERIENCE WITH THE BOLTON TREO DEVICE FOR FENESTRATED EVAR
BW Starnes MD, N Singh MD, B Tatum RN, B Allen RN

8:15 am – 8:30 am 2. FINANCIAL ANALYSIS OF FENESTRATED ENDOVASCULAR AORTIC ANEURYSM REPAIR AT A HIGH-VOLUME
MEDICAL CENTER
WB Chow MD, DM Leverentz MBA, B Tatum RN, BW Starnes MD

8:30 am – 8:45 am 3. RENAL VOLUME AS IT RELATES TO FENESTRATED EVAR
J Hurd, MD, X Chen MD, B Tatum RN, D Katsman, N Singh, MD, BW Starnes MD

8:45 am – 9:00 am 4. DISEASE-BASED OBSERVATIONAL COHORT STUDY OF PATIENTS WITH THORACOABDOMINAL AORTIC
ANEURYSM (TAAA)
PC Kang MD, MA Bartek MD, DP Nathan MD, S Shalhub MD, MP Sweet MD

9:00 am – 9:30 am **CASE PRESENTATIONS** – 3 min. pres. and 2 min. discussion

9:00 am – 9:05 am 5. ENDOVASCULAR REPAIR OF A TYPE B AORTIC DISSECTION AND KOMMERELL'S DIVERTICULUM REQUIRING
STAGED BILATERAL AORTIC DEBRANCHING
SN Mirahsani BS, JF Hemingway MD, EB Howell MD, N Singh MD

9:05 am – 9:10 am 6. CERVICAL DEBRANCHING AND ZONE ZERO TEVAR 5
N Edman MS2, J Hurd MD, M Sweet MD

9:10 am – 9:15 am 7. EXPLANT EVAR FOR RAAA
TL Nash MS3, JR Hurd MD, N Singh MD

9:15 am – 9:20 am 8. LONG TERM DURABILITY OF A PHYSICIAN MODIFIED ENDOGRAPH
JR Hurd MD, B Tatum RN, J Grillo BS, Z Arthurs MD, N Singh MD, BW Starnes MD

9:20 am – 9:25 9. REPAIR OF A MYCOTIC AORTIC ANEURYSM CAUSED BY FUSOBACTERIUM NUCLEATUM
JA Matthews MD, MS, RE Heneghan, MD, N Singh, MD, FACS, BW Starnes, MD

9:25 am – 10:00 am **Coffee Break and Exhibits**

10:00 am – 11:30 am **SCIENTIFIC SESSION II: PERIPHERAL**
**indicates Resident Competition Entry*



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Seattle, WA *The Edgewater*

SCIENTIFIC PROGRAM

- 10:00 am – 10:15 am 10. RISK FACTORS OF MAJOR AMPUTATION IN HEEL ULCERS *
N Vatankhah, JD Crawford, MD, GJ Landry, MD
- 10:15 am – 10:30 am 11. EVALUATION OF PERIOPERATIVE ANTICOAGULATION IN ACUTE LIMB ISCHEMIA *
A Kahn, N Vatankhah, V Kottapalli, D Wilson, S Ganesan, E Jung, MD, G Landry, MD, G Moneta, MD, T Liem, MD
- 10:30 am – 10:45 am 12. TECHNIQUE AND MIDTERM RESULTS OF EXTENDED ILIOFEMORAL EVERSION ENDARTERECTOMY FOR TASC C AND D AORTOILIAC OCCLUSIVE DISEASE *
JD Misskey MD, G Sarwal MD, JDS Reid MD, R Sidhu MD MEd, PS MacDonald MD
- 10:45 am – 11:00 am 13. PREDICTING REAMPUTATION RISK IN PATIENTES UNDERGOING DYSVASCULAR LOWER EXTREMITY AMPUTATION *
J Czerniecki MD, ML Thompson PhD, EJ Boyko MD MPH, G Landry MD, AJ Littman PhD, WG Henderson PhD, AP Turner PhD, C Maynard PhD, KP Moore PhD, DC Norvell PhD
- 11:00 am – 11:15 am 14. FACTORS ASSOCIATED WITH INFRA-INGUINAL PROSTHETIC VASCULAR GRAFT INFECTIONS *
H Elshoni MD, D Kopriva MDCM, J St. Onge PhD

11:15 am – 11:45 am **CASE PRESENTATIONS**

- 11:15 am – 11:20 am 15. THE ROLE OF TIBIAL ARTERY STENTING IN CRITICAL LIMB ISCHEMIA: A CASE REPORT AND LITERATURE REVIEW
A Ohlsson MD, J Rollo MD
- 11:20 am – 11:25 am 16. ISCHEMIC TOE ULCERATION DUE TO FOREIGN BODY EMBOLUS FROM HYRDOPHILIC POLYMER COATED ENDOVASCULAR CATHETER: A CASE REPORT HIGHLIGHTING AN UNDER-DOCUMENTED CAUSE OF MORBIDITY
B French MD, R Ranguelov MD, SL Tan MD, PhD, K Johansen MD PhD
- 11:25 am – 11:30 am 17. SHAPE SHIFTING WAVEFORMS: A TRAUMATIC STORY
A Sander, BS RVT, N Tran, MD, FACS

11:30 am – 12:00 pm **Invited Lecture** – Anton Sidawy, MD

12:00 pm – 1:00 pm **Mentorship Lunch and Exhibit**

1:00 pm – 2:00 pm **SCIENTIFIC SESSION III: TRAUMA**
**indicates Resident Competition Entry*

- 1:00 pm – 1:15 pm 18. THE ROLE OF VASCULAR SURGEONS IS INCREASING IN THE MANAGEMENT OF TRAUMA *
JF Hemingway MD, SD Desikan MD, M Dasari MD, CD Tran, RS Hoffman, A Gobble, A Spurlock, N Singh MD, BW Starnes MD
- 1:15 pm – 1:30 pm 19. IMPLEMENTATION AND RESULTS OF A PRACTICAL GRADING SYSTEM FOR THORACIC BLUNT AORTIC INJURY
E Quiroga MD, BW Starnes MD, NT Tran MD, N Singh MD



SCIENTIFIC PROGRAM

1:30 pm – 1:45 pm	20. LIMB SALVAGE AND FUNCTIONAL LIMB OUTCOMES AFTER REVASCULARIZATION FOR TRAUMATIC ACUTE LIMB ISCHEMIA * M Dasari MD, JR Hurd MD, DF Emanuels, S Aarabi MD, BW Starnes MD, E Quiroga MD, NT Tran MD, N Singh MD
1:45 pm – 2:00 pm	21. UPDATING 0.9: LOWERING THE ANKLE BRACHIAL INDEX THRESHOLD IN BLUNT LOWER EXTREMITY TRAUMA MAY PREVENT UNNECESSARY IMAGING * JF Hemingway MD, SK Desikan MD, JA Gross MD, N Tran MD, N Singh MD, E Quiroga MD
2:00 pm – 2:15 pm	CASE PRESENTATIONS
2:00 pm – 2:05 pm	22. IATROGENIC PSEUDOANEURYSM OF THE SUPERIOR GLUTEAL ARTERY AFTER transcatheter AORTIC VALVE REPLACEMENT E Jung MD, K Kolbeck MD, TK Liem MD, MBA, CZ Abraham MD, GL Moneta MD, GJ Landry MD, R Schenning, MD
2:05 pm – 2:10 pm	23. MANAGEMENT OF A RUPTURED INTRAHEPATIC ARTERY ANEURYSM E Robinson BS, N Singh MD
2:10 pm – 2:15 pm	24. DELAYED PRESENTATION OF BLUNT INFERIOR VENA CAVA INJURY FOLLOWING HIGH SPEED MOTOR VEHICLE COLLISION B French MD, S Reiter MD, G. Hayes MD
2:15 pm – 3:30 pm	SCIENTIFIC SESSION IV: DIALYSIS/VENOUS <i>*indicates Resident Competition Entry</i>
2:15 pm – 2:30 pm	25. FOLLOW-UP OF INCOMPLETE LOWER EXTREMITY VENOUS DUPLEX ULTRASOUND SHOULD BE A TARGET FOR QUALITY IMPROVEMENT * J Weber, MD, K Nguyen, MD, D Louie, BS, R Samuel, RN, N Saephan, BS, T Liem, MD, MBA, G Moneta, MD
2:30 pm – 2:45 pm	26. OPEN SURGERY FOR INFERIOR VENA CAVA FILTER PERFORATION * DW Wilson MD, GJ Landry MD, EL Mitchell MD, AF Azarbal MD, JA Kaufman MD, GL Moneta MD, TK Liem MD
2:45 pm – 3:00 pm	27. IMMEDIATE EFFECTS OF HEMODIALYSIS ON UPPER EXTREMITY AND COGNITIVE FUNCTION * JB Campiche, DO, V Kottapalli, DO, S Ganesan, PhD, GJ Landry, MD
3:00 pm – 3:15 pm	28. FERUMOXYTOL- ENHANCED MAGNETIC RESONANCE IMAGING (FE-MRI) AS A NOVEL BIOMARKER OF POST THROMBOTIC SYNDROME * A Abedini, MD, KP Nguyen, MD, EA Neuwelt, MD, M Hinds, PhD, G Toth, MD, C Wyatt, PhD
3:15 pm – 3:25 pm	CASE PRESENTATIONS
3:15 pm – 3:20 pm	29. BRANCHED SUBSCAPULAR ARTERIAL GRAFT FOR HAND OCCLUSIVE DISEASE IN A DIALYSIS PATIENT WITH A FUNCTIONING FISTULA SC Mostowy MD, JR Harris MD, JS Williamson MD
3:20 pm – 3:25 pm	30. SUCCESSFUL ASPIRATION THROMBECTOMY FOR THE TREATMENT OF ILIOFEMORAL DEEP VENOUS THROMBOSIS USING THE ANGIOVAC SYSTEM: A CASE REPORT TL Nash BS, JF Hemingway MD, S Bommareddi MD, FD Vladimir MD, MH Meissner MD



SCIENTIFIC PROGRAM

3:25 pm – 3:45 pm **Coffee Break-Exhibits**

3:45 pm – 5:00 pm **SCIENTIFIC SESSION IV: OTHER**
**indicates Resident Competition Entry*

- 3:45 pm – 4:00 pm 31. THORACIC AORTIC DISSECTION AND ANEURYSM RELATED MORTALITY REMAINS UNCHANGED IN WASHINGTON STATE BETWEEN 1996 and 2016 *
MA Bartek MD, MP Sweet MD, S Khor MS, J Nguyen BA, GS Aldea MD, L Kessler ScD, S Shalhub MD
- 4:00 pm – 4:15 pm 32. INTEGRATED RESIDENCY IS ASSOCIATED WITH AN INCREASE IN WOMEN AMONG VASCULAR SURGERY TRAINEES
SH Shin MD, S Shalhub MD
- 4:15 pm – 4:30 pm 33. VASCULAR RECONSTRUCTION IN RETROPERITONEAL AND LOWER EXTREMITY SOFT TISSUE SARCOMA RESECTION: A CASE SERIES AND SYSTEMATIC REVIEW OF THE LITERATURE *
KA Arsenault MD, J Faulds MD, A Salvian MD
- 4:30 pm – 4:45 pm 34. PROGNOSTIC IMPLICATIONS OF DIAGNOSING FRAILTY AND SARCOPENIA IN VASCULAR SURGERY PRACTICE: FORM VERSUS FUNCTION *
AA Ghaffarian MD, WT Foss MD, LW Kraiss MD, BK Smith MD, CL Griffin MD, MR Sarfati MD, BS Brooke MD PHD
- 4:45 pm – 5:00 pm 35. ASSESSMENT OF THE COMMUNICATION INFRASTRUCTURE AND INTEREST IN RESEARCH COLLABORATION AMONG PATIENTS WITH VASCULAR EHLER-DANLOS SYNDROME
S Shalhub, MD, L Kellogg, PH Byers, The Vascular Ehlers-Danlos Syndrome Research Collaborative

5:00 pm – 5:15 pm **CASE PRESENTATIONS**

- 5:00 pm – 5:05 pm 36. RADIAL ARTERY ANEURYSM IN A PATIENT WITH MOSAICISM FOR A NOVEL GENE MUTATION
L Hysa, M Ferreira, PH Byers, S Shalhub
- 5:05 pm – 5:10 pm 37. RENAL ARTERY ANEURYSMS: LITERATURE REVIEW AND PRESENTATIONS OF EX VIVO ANEURYSM RESECTION, AUTOTRANSPLANTATION AND AORTO-RENAL BYPASS IN A SOLITARY KIDNEY WITH FIBROMUSCULAR DYSPLASIA
G Sarwal MD MEd, HL Brotherhood MD, ECP Chedgy MBBS MSc, DC Taylor MD, AG Kavanagh MD MPH
- 5:10 pm – 5:15 pm 38. CASE REPORT: VASCULAR GRAFT INFECTION PRESENTING 40 YEARS AFTER INDEX OPERATION
AD Politano MD MS, EL Mitchell MD MEd

5:15 pm – 6:00 pm **Resident ePoster and Paper Awards**

7:00 pm **Pier 57 Dinner at the Crabpot and Seattle Great Wheel**



PNWVS 2018 ANNUAL MEETING November 1-2, 2018 Seattle, WA *The Edgewater*

REGISTRATION FORM

REGISTRANT INFORMATION *Please print*

FIRST NAME (*as you want to appear on name badge*) LAST NAME DEGREE (e.g. MD, PhD, RN)

INSTITUTION

ADDRESS

CITY / STATE / ZIP OR CITY / PROVINCE / POSTAL CODE / COUNTRY

OFFICE PHONE FAX

EMAIL OFFICE CONTACT

PROFESSIONAL SPECIALTY

REGISTRATION FEES

- ☐ **Member** (*includes 2018–2019 dues*) \$250 \$
- ☐ **Senior Member** (*retired from active practice*) \$150 \$
- ☐ **Non Member** \$350 \$
- ☐ **Spouse/Guest** \$75 \$
- ☐ **Friday Networking at Great Wheel and Crabpot Dinner** \$30 \$

GRAND TOTAL \$

PAYMENT INFORMATION

Full payment must be received with the registration form via a check or by credit card by filling out the information below. **NO BALANCE DUES ARE PERMITTED.**

- ☐ **Check** — Payable to **Pacific Northwest Vascular Society**
Mail to 1411 5th Street, Anacortes, WA 98221
- ☐ **Credit Card** — Fax to 360-261-6077 ☐ AmEx ☐ MC ☐ VISA ☐ Discover

NAME AS IT APPEARS ON CARD

CARD NUMBER CVC CODE

EXPIRATION DATE SIGNATURE

STREET ADDRESS & ZIP CODE CREDIT CARD STATEMENTS ARE SENT TO

VISIT THE PNWVS REGISTRATION WEBSITE

FORM INSTRUCTIONS

Please complete ONE form for each registrant. Add guest/spouse in the space below:

NAME OF SPOUSE/GUEST FOR NAME BADGE

Meeting Confirmations will be emailed to the email address provided in the "Registration Information" section above.

QUESTIONS?

Pacific Northwest Vascular Society
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Anacortes, WA 98221

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