



2019 Program Schedule

Last Update: 7/9/2019

Thursday, September 12, 2019

4:00 pm – 6:00 pm	Registration
4:00 pm – 6:00 pm	Executive Council Meeting
6:30 pm – 10:00 pm	Executive Council/Past Presidents' Reception & Dinner (<i>By Invitation</i>)

Friday, September 13, 2019

7:00 am – 5:00 pm	Registration
7:00 am – 5:00 pm	Speaker Ready Room
7:30 am – 8:30 am	Postgraduate Course Continental Breakfast
7:30 am – 6:30 pm	Exhibit Hall Hours
7:30 am – 8:30 am	Postgraduate Course Continental Breakfast
8:00 am – 12:30 pm	POSTGRADUATE COURSE Non-Invasive Vascular Laboratory Director: C. Keith Ozaki, MD, Brigham & Women's Hospital, Boston, MA
8:00 am – 8:20 am	Ultrasound Physics and Instrumentation Robert Zwolak, MD Dartmouth-Hitchcock Medical Center, Lebanon, NH
8:20 am – 8:40 am	Duplex for Extracranial Cerebrovascular Disease Elias J. Arous, MD UMass Memorial Medical Group, Worcester, MA
8:40 am – 8:50 am	Transcranial Doppler Jennifer A. Stableford, MD Dartmouth-Hitchcock Medical Center, Lebanon, NH
8:50 am – 9:10 am	Peripheral Arterial Disease (Duplex and Physiologic Testing) Scott Prushik, MD St. Elizabeth's Medical Center, Brighton, MA
9:10 am – 9:30 am	Venous Disease Vascular Laboratory Studies Britt Tonnessen, MD Yale School of Medicine, New Haven, CT
9:30 am – 9:45 am	Panel Discussion
9:45 am – 10:30 am	Coffee Break in the Exhibit Hall

10:30 am – 10:45 am	The Vascular Lab and Hemodialysis Access Georg Steinthorsson, MD University of Vermont Medical Center, Burlington, VT
10:45 am – 11:00 am	Update on Vascular Lab Coding Sean Roddy, MD Albany Med Vascular Surgery, Albany, NY
11:00 am – 11:15 am	Current Status of Duplex Scanning after EVAR Matther Alef, MD University of Vermont Medical Center, Burlington, VT
11:15 am – 11:30 am	Pelvic Venous Congestion and the Vascular Lab Courtney Warner, MD Albany Med Vascular Surgery, Albany, NY
11:30 am – 11:45 am	Fundamentals of IVUS Edward Marcaccio, MD Brigham and Women's Hospital/South Shore Hospital, Weymouth, MA
11:45 am – 12:00 pm	Vascular Lab Imaging in TOS Louis Nguyen, MD Brigham and Women's Hospital, Boston, MA
12:00 am – 12:15 am	Abdominal/Visceral Vascular Laboratory Studies Alik Farber, MD Boston University Medical Center, Boston, MA
12:15 pm – 12:30 pm	Panel Discussion
12:30 pm	Postgraduate Course Adjourns
11:00 am – 4:00 pm	Hospitality Suite
12:30 pm – 1:15 pm	LUNCH SYMPOSIUM <i>Sponsored By: TBA</i>
1:00 pm – 5:00 pm	SIMULATOR TRAINING
1:20 pm – 1:25 pm	Opening Remarks By NESVS President, Dr. Richard J. Powell, MD
1:30 pm – 3:00 pm	SCIENTIFIC SESSION I Moderators: Richard J. Powell, MD, Andres Schanzer, MD & Matthew Menard, MD
1:30 pm – 1:45 pm	1♦ Evolution in the Presentation, Treatment and Outcomes of Patients with Acute Mesenteric Ischemia Linda J. Wang, Elizabeth L. Chou, Zachary M. Feldman, Christopher A. Latz, Glenn M. LaMuraglia, W. Darrin Clouse ² , Matthew J. Eagleton ¹ , Mark F. Conrad ¹ - ¹ Massachusetts General Hospital, Boston, MA; ² University of Virginia, Charlottesville, VA <i>Discussant: Bing Shue, MD</i>

1:45 pm – 2:00 pm	2 The Evolution of the Financial Delivery of EVR in Contemporary Practice Jeanwan Kang, Jonathan Barnes, Bjoern Suckow, Phillip Goodney, Robert Zwolak, Richard Powell, David Stone - Dartmouth-Hitchcock Medical Center, Lebanon, NH <i>Discussant: Louis Nguyen, MD</i>
2:00 pm – 2:15 pm	3♦ Unplanned and Planned Shunting During Carotid Endarterectomy after Acute Stroke is Associated with Increased Risk of Perioperative Stroke Scott R. Levin¹, Alik Farber¹, Philip P. Goodney², Marc L. Schermerhorn³, Virendra I. Patel⁴, Nkiruka Arinze¹, Douglas W. Jones¹, Jeffrey J. Siracuse¹ - ¹Boston University School of Medicine, Boston, MA; ²Dartmouth-Hitchcock Medical Center, Lebanon, NH; ³Beth Israel Deaconess Medical Center, Boston, MA; ⁴Columbia University Medical Center, New York, NY <i>Discussant: Kimberly Malka, MD</i>
2:15 pm – 2:30 pm	4 (Video) Staged Endovascular Exclusion and Open Resection of Aberrant Pulmonary Artery Aneurysm Due to Pulmonary Sequestration Praveen Sridhar, Thomas W. Cheng, Scott Hardouin, Jeffrey J. Siracuse, Kei Suzuki, Alik Farber, Douglas W. Jones - Boston Medical Center, Boston, MA <i>Discussant: Jeffrey Slaiby, MD</i>
2:30 pm – 2:45 pm	5♦ Interventions for Claudication Offer Low Morbidity, Yet Patients May Still Experience Limb Loss and Worsening Functional Status Scott R. Levin, Alik Farber, Thomas W. Cheng, Nkiruka Arinze, Douglas W. Jones, Denis Rybin, Jeffrey J. Siracuse - Boston University School of Medicine, Boston, MA <i>Discussant: Marcus Semel, MD</i>
2:45 pm – 3:00 pm	6 Evolution of Fenestrated/Branched Aortic Aneurysm Repair Complexity and Outcomes at an Organized Center for the Treatment of Complex Aortic Disease Jessica P. Simons, Allison S. Crawford, Francesco A. Aiello, Edward J. Arous, Dejah R. Judelson, Louis M. Messina, Devon I. Robichaud, Shauneen A. Valliere, Andres Schanzer - University of Massachusetts Medical School, Worcester, MA <i>Discussant: Akhilesh Jain, MD</i>
3:00 pm – 3:25 pm	Coffee Break in the Exhibit Hall
3:30 pm – 4:00 pm	DISTINGUISHED ADDRESS The Vascular Quality Initiative: Innovation and Inspiration from New England Jack Cronenwett, MD Dartmouth-Hitchcock Medical Center, Lebanon, NH

4:00 pm – 5:30 pm

SCIENTIFIC SESSION II

Moderators: Brian Nolan, MD, Cassius Chaar, MD & Joseph Hart, MD

4:00 pm – 4:15 pm

7♦

Lumbar Drain Complications in Patients Undergoing Fenestrated/Branched Endovascular Aortic Aneurysm Repair

Mohammad Alqaim, Elifce Cosar, Allison S. Crawford, Devon I. Robichaud, J. Matthias Walz, Andres Schanzer, Jessica P. Simons - University of Massachusetts Medical School, Worcester, MA

Discussant: Jeanwan Kang, MD

4:15 pm – 4:30 pm

8♦

Inhibition of the Akt1-mTORC1 Axis Alters Venous Remodeling to Improve Arteriovenous Fistula Patency

Arash Fereydooni, Xiangjiang Guo, Jolanta Gorecka, Toshihiko Isaji, Shun Ono, Ryosuke Taniguchi, Naiem Nassiri, Alan Dardik - Yale University School of Medicine, New Haven, CT

Discussant: C. Keith Ozaki, MD

4:30 pm – 4:45 pm

9♦

Comparison of Endologix Endografts Made with Strata Fabric Versus Intuitrak and Duraply Fabrics

Zachary J. Wanken, Peter Anderson, Spencer Trooboff, Jesse Columbo, Philip Goodney - Dartmouth-Hitchcock Medical Center, Lebanon, NH

Discussant: Douglas Jones, MD

4:45 pm – 5:00 pm

10

NuSpun™ Vascular Graft: Using Nanotechnology That Mimics Nature for Hemodialysis Access

Yael Vin¹, Saif G. Pathan², Mauricio A. Contreras¹, Nathaniel F. Long², Rayan Kassab², Beth A. Martino², Arthur L. Martin², Gordon G. Wong², Martin J. Bide³, Samir K. Shah⁴, Tina M. Phaneuf², Matthew D. Phaneuf² - ¹Beth Israel Deaconess Medical Center, Boston, MA; ²Biosurfaces, Ashland, MA; ³University of Rhode Island, Kingston, RI; ⁴Brigham and Womens Hospital, Boston, MA

Discussant: Paul Kreienberg, MD

5:00 pm – 5:15 pm

11♦

Hostile Neck Anatomy is Associated with Higher Perioperative Type Ia Endoleaks and Lower Long-Term Survival after Elective Endovascular Aneurysm Repair

Livia de Guerre¹, Thomas O'Donnell¹, Rens Varkevisser¹, Nicholas Swerdlow¹, Chun Li¹, Joost van Herwaarden², Marc Schermerhorn¹, Virenda Patel³ - ¹Beth Israel Deaconess Medical Center, Boston, MA; ²UMC Utrecht, Utrecht, Netherlands; ³New York Presbyterian, New York, NY

Discussant: Scott Prushik, MD

5:15 pm – 5:30 pm

12♦

Long-Term Outcomes of Mesenteric Stenting and Analysis of In-Stent Restenosis Duplex Criteria

Jonathan A. Barnes, Jesse A. Columbo, Robert M. Zwolak, Frederick T. Olive, Philip P. Goodney, Richard J. Powell, Nikolaos Zacharias - Dartmouth-Hitchcock Medical Center, Lebanon, NH

Discussant: Courtney Warner, MD

5:30 pm – 7:00 pm

WELCOME RECEPTION

Location: Exhibit Hall

Saturday, September 14, 2019

7:00 am – 8:00 am

Continental Breakfast in the Exhibit Hall

7:00 am – 11:00 am

Hospitality Suite

7:00 am – 11:30 am

Exhibit Hall Hours

7:00 am – 12:00 pm

Registration

7:00 am – 12:00 pm

Speaker Ready Room

7:30 am – 8:30 am

SCIENTIFIC SESSION III

Moderators: David Stone, MD, Mark Conrad, MD & Edward Arous, MD

7:30 am – 7:45 am

13♦

Reimbursement for Endovascular Abdominal Aortic Aneurysm Treatment in the Vascular Quality Initiative

Jesse A. Columbo¹, Barbara Gladders², Andrea M. Austin², Zachary J. Wanken¹, Spencer W. Trooboff², David H. Stone¹, Richard J. Powell¹, Philip P. Goodney¹ - ¹Dartmouth-Hitchcock Medical Center, Lebanon, NH; ²The Dartmouth Institute for Health Policy and Clinical Practice, Lebanon, NH

Discussant: Samuel Schwartz, MD

7:45 am – 8:00 am

14♦

Evolving Endovascular Techniques in the Treatment of Extracranial Carotid Artery Aneurysms

James W. Cornwall, Max Y. Png, Daniel K. Han, Rami O. Tadros, Peter L. Faries - Icahn School of Medicine at Mount Sinai, NY, NY

Discussant: Nathan Aranson, MD

8:00 am – 8:15 am

15♦ (Video)

Use of a Custom Made 4 Vessel Fenestrated Endograft to Repair an Enlarging Juxtarenal Aneurysm with Type 1a Endoleak after Prior Zfen Repair

Tammy T. Nguyen, Jessica P. Simons, Edward J. Arous, Dejah R. Judelson, Andres Schanzer - University of Massachusetts, Worcester, MA

Discussant: Marc Schermerhorn, MD

8:00 am – 1:00 pm	SIMULATOR TRAINING
8:15 am – 8:20 am	THE BEST-CLI TRIAL UPDATE Alik Farber, MD
8:20 am – 8:25 am	CLINICAL RESEARCH UPDATE Jessica Simons, MD
8:30 am – 9:00 am	ROBERT R. LINTON DISTINGUISHED ADDRESS Where Do Innovations Come From? Peter A. Schneider, MD University of California, San Francisco, CA
9:00 am – 9:30 am	Coffee Break in the Exhibit Hall
9:30 am – 10:15 am	SCIENTIFIC SESSION IV Moderators: Allan Hamdan, MD, Edward Marcaccio, MD & Matthew Alef, MD
9:30 am – 9:45 am	16♦♦ The Impact of Vascular Quality Initiative Surgeon Volume on Mortality Following Open Abdominal Aortic Aneurysm Repair in the Modern Era Gaurav Sharma ¹ , Arin Madenci ¹ , Kerollos Wanis ² , Christine Lotto ¹ , Samir Shah ¹ , C.Keith Ozaki ¹ , SV Subramanian ² , Jens Eldrup-Jorgensen ³ , Michael Belkin ¹ - ¹ Brigham and Women's Hospital/Harvard Medical School, Boston, MA; ² Harvard T.H. Chan School of Public Health, Boston, MA; ³ Maine Medical Center, Portland, ME <i>Discussant: Philip Goodney, MD</i>
9:45 am – 10:00 am	17 The Influence of Surgeon Experience on Patient Selection and Outcomes after Open AAA Repair Salvatore T. Scali ¹ , Dean J. Arnaoutakis ¹ , Thomas S. Huber ¹ , Kristina A. Giles ¹ , Richard J. Powell ² , Philip P. Goodney ² , Bjoern D. Suckow ^{*2} , Jeanwan Kang ² , Jesse A. Columbo ^{*2} , David H. Stone ² - ¹ University of Florida, Gainesville, FL; ² Dartmouth-Hitchcock Medical Center, Lebanon, NH <i>Discussant: Robert Cambria, MD</i>
10:00 am – 10:15 am	18♦♦ Neuraxial Anesthesia for Hybrid Lower Extremity Revascularization is Associated with Reduced Perioperative Morbidity Arash Fereydooni, Tess O'Meara, Wanda Popescu, Alan Dardik, Cassius I. Ochoa Char - Yale University School of Medicine, New Haven, CT <i>Discussant: TBA</i>
10:15 am – 10:30 am	Introduction of New Active Members of the Society Richard J. Powell, MD & Andres Schanzer, MD
10:30 am – 10:45 am	Introduction of the President Samuel Aldridge, MD Lakes Region General Hospital, Laconia, NH
10:45 am – 11:30 am	PRESIDENTIAL ADDRESS The Value of the Vascular Surgeon Richard J. Powell, MD Dartmouth-Hitchcock Medical Center, Lebanon, NH

11:30 am – 12:45 pm

ISSUES PANEL LUNCHEON

Academics, Administration, Available, or Abandonment – What Happens over Time in a Vascular Surgeon's Career

Moderator: Philip Goodney, MD

Panelists:

Linda Harris, MD
University of Buffalo, Buffalo, NY

Jeffrey Gilbertson, MD
St. Luke's, Boise, ID

Patrick Geraghty, MD
Washington University in St. Louis, St. Louis, MO

12:30 pm

Free Afternoon

4:00 pm – 5:00 pm

**WOMEN IN VASCULAR SURGERY
Networking Reception**

5:00 pm – 7:00 pm

**PROFESSORS' ROUNDS
Student/Resident Initiative Program**
Moderator: Samuel C. Aldridge, MD

Sunday, September 15, 2019

7:00 am – 8:00 am

ANNUAL MEMBER BUSINESS MEETING (*Members Only*)

7:00 am – 8:30 am

Continental Breakfast (*Foyer*)

7:00 am – 9:00 am

Registration

7:00 am – 10:00 am

Speaker Ready Room

7:00 am – 10:00 am

Hospitality Suite

8:00 am – 8:45 am

SCIENTIFIC SESSION V – RAPID FIRE PAPERS

Moderators: Matthew Menard, MD, Mark Wyers, MD & Payam Salehi, MD

8:00 am – 8:05 am

19 (RF)

EVAR has Surpassed Open Repair as the Primary Treatment Modality for Ruptured Abdominal Aortic Aneurysm in the United States of America and is Associated with Improved Mortality

Kirsten Dansey, Nicholas Swerdlow, Rens Varkevisser, Chun Li, Jinny Lu, Marc Schermerhorn - Beth Israel Deaconess Medical Center, Boston, MA

8:05 am – 8:10 am

20 (RF)

Lessons Learned Over a 30-Year Experience with Combined CABG/CEA

Mark D. Iafrati¹, Anand Shah¹, Kaytie Beasley¹, Aarathi Minisandram², Luis Suarez¹, Salehi Payam¹, Andrew Son¹, William Mackey¹ - ¹Tufts Medical Center, Boston, MA; ²Tufts Medical School, Boston, MA

8:10 am – 8:15 am	21 (RF) Perioperative and Long-Term Outcomes of Percutaneous AV Graft Thrombectomy Nkiruka Arinze, Tyler Ryan, Rohit Pillai, Rajendran Vilvendhan, Alik Farber, Douglas W. Jones, Jeffrey J. Siracuse - Boston University School of Medicine, Boston, MA
8:15 am – 8:20 am	22 (RF) Mortality for Endovascular Versus Open Repair for Ruptured Complex Abdominal Aortic Aneurysms: A Propensity-Weighted Analysis Christopher A. Latz, Laura Boitano, Adam Tanious, Linda Wang, Samuel Schwartz, Anna A. Pendleton, Charles Decarlo, Mark F. Conrad - Massachusetts General Hospital, Boston, MA
8:20 am – 8:25 am	23 (RF) Pre-Operative Depression Associated with Worse Outcomes after Infrainguinal Arterial Intervention Kathryne A. Beasley¹, Raffi Melikian², Mark D. Iafrati¹, Luis Suarez¹ - ¹Tufts Medical Center, Boston, MA; ²Tufts University School of Medicine, Boston, MA
8:25 am – 8:30 am	24 (RF) Prosthetic Versus Native Artery Inflow for Infrainguinal Bypass Nicholas Russo¹, Shreekrishna Pokuri¹, Chin-Chin Yeh², Jeffrey Hnath², Benjamin Chang², R. Clement Darling, III² - ¹Albany Medical College, Albany, NY; ²Albany Medical College/Albany Medical Center Hospital, Albany, NY
8:30 am – 8:35 am	25 (RF) Over a Decade with TEVAR: Thoracic Aortic Remodeling after Endografting Adam Tanious¹, Lauren Canha¹, Laura T. Boitano¹, Elizabeth Chou¹, Linda J. Wang¹, Christopher A. Latz¹, Matthew J. Eagleton¹, W. Darrin Clouse², Mark F. Conrad¹ - ¹Massachusetts General Hospital, Boston, MA; ²University of Virginia, Charlottesville, VA
8:35 am – 8:40 am	26 (RF) Contrast-Induced Nephropathy Following Peripheral Vascular Interventions in Kidney Transplant Recipients Shin-Rong Lee, Alan Dardik, Cassius I. Ochoa Chaar - Yale University, New Haven, CT
8:40 am – 8:45 am	27 (RF) Nationwide Patterns in Publicly Reported Industry Payments to Academic Vascular Surgeons Thomas W. Cheng¹, Kris Boelitz², Denis Rybin³, Jeffrey Kalish¹, Jeffrey J. Siracuse¹, Alik Farber¹, Douglas W. Jones¹ - ¹Boston Medical Center, Boston, MA; ²Boston University School of Medicine, Boston, MA; ³Boston University School of Public Health, Boston, MA
8:45 am – 8:50 am	28 (RF) The Impact of Integrated Vascular Surgery Residency Programs on General Surgery Residents Matthew L. Carnevale, Yin Zhao, John Phair, Larry Scher, Issam Koleilat, Evan Lipsitz, Jeffrey E. Indes - Montefiore Medical Center, Bronx, NY
8:50 am – 9:15 am	Coffee Break

9:15 am – 10:15 am

PINEHURST PANEL

Unique and Challenging Cases – What Would You Do?

Moderator: Marc Schermerhorn, MD

Panelists:

Courtney Warner, MD
Albany Medical Center, Albany, NY

Lars Stangenberg, MD
University Surgical Associates, Providence, RI

Nathan Aranson, MD
Maine Medical Center, Portland, ME

10:15 am

Adjourn