15th Annual Pittsburgh Vascular Symposium

19th Surgical & Radiological Endovascular Symposium (SRES)

SPONSORED BY
University of Pittsburgh School of Medicine
Center for Continuing Education in the Health Sciences
UPMC Heart and Vascular Institute

COURSE CO-DIRECTORS

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Radiology and Medical Imaging
Hôpital de la Timone
Marseille, France

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Professor and Chair
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May 24-26, 2018
Fairmont Pittsburgh Downtown
Pittsburgh, Pennsylvania
OVERVIEW

This 2½ day joint international CME conference will include discussion, case presentations, and care demonstrations. Presenters from academic and clinical settings will cover such topics as extremity arterial diseases, aortic aneurysms, thoracic aortic diseases and dissection, carotid artery stenosis, varicose veins, and vascular ultrasound. A multidisciplinary panel of national and international speakers from vascular surgery, vascular medicine, cardiology, interventional radiology, and nephrology will provide a state of the art update on the treatment of vascular disease and discuss new innovations in the field. Questions and answer sessions, panel discussions, and a dedicated vascular ultrasound course will also be incorporated.

OBJECTIVES

At the conclusion of the program, attendees should be able to:

• Explain the current standards of care for aortic and peripheral artery disease processes
• Identify and distinguish the various aspects of a modern vascular medical and surgical practice
• Recognize implications of a new era in health care delivery related to vascular pathology
• Delineate the optimal treatment strategies for patients with extremity arterial diseases, aortic aneurysms, thoracic aortic diseases and dissection, carotid artery stenosis, and varicose veins
• Discuss in detail multiple areas of cardiovascular medicine
• Draw informed clinical decisions in cardiovascular medicine
• Forecast and discuss important issues and trends in cardiovascular medicine
• Assess health locally and regionally by evaluating the quality of medical care and disease prevention.

WHO SHOULD ATTEND

This course is designed for primary care providers, cardiologists, interventionalists, vascular surgeons, and other interested health care professionals who provide primary care services.

CONTINUING EDUCATION CREDITS

This activity has been approved for AMA PRA Category 1 Credit™.
LOCATION AND ACCOMMODATIONS
The conference will be held in the Grand Ballroom on the second floor of the Fairmont Pittsburgh Hotel, located at 510 Market Street, Pittsburgh, PA 15222.

PARKING
Parking is on your own and facilities are available across the street from the Fairmont Pittsburgh Hotel.

SPECIAL NEEDS
Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by calling 412-802-3031.

VISIT THE UPMC HEART AND VASCULAR INSTITUTE WEBSITE
The UPMC Heart and Vascular Institute invites you to visit our website at UPMC.com/HVI. Learn more about us and receive information about the conditions we treat, treatment options, specialty programs, services, research and education, our experts, patient stories, and locations.

—— JOINT MEETING ——
15th Annual
Pittsburgh Vascular Symposium
—
19th Surgical & Radiological Endovascular Symposium (SRES)

SCIENTIFIC PROGRAM AGENDA:
THURSDAY, MAY 24, 2018

7:00 am  Continental Breakfast and Registration
7:50 am  Welcome and Opening Remarks
Michel S. Makaroun, MD

Scientific Session I — Carotid / Cerebrovascular

Moderators: Barry T. Katzen, MD, Edith Tzeng, MD, Jean-Michel Bartoli, MD, and Philippe Piquet, MD

8:00 am  Neurovascular Imaging: CTA, MRA or Duplex — All for one, one for all
Charles Arteaga

8:08 am  Update on the CREST-2 Trial: Will best medical therapy replace interventions in asymptomatic disease?
Barry T. Katzen, MD

8:16 am  TCAR: A better approach to CAS or simply a better mouse trap to exclude non-surgeons?
Rabih A. Chaer, MD, MSc

8:24 am  Mechanical thrombectomy for stroke management: How far can we go?
Wagih Ben Hassen

8:32 am  Can we modulate hypertension through the carotid bulb?
Kim J. Hodgson, MD

8:40 am  I am smarter after my CEA — Does carotid stenosis affect cognition?
Melissa L. Kirkwood, MD

8:48 am  Discussion

9:00 am  Cerebrovascular Case Presentation
French Case
May 24, 2018 — Continued

9:05 am  U.S. Fellow Analysis
Elizabeth Genovese, MD

9:12 am  French Fellow Analysis
Cédric Foussier

9:19 am  Discussion and Voting by Moderators and Audience

9:30 am  Break and Exhibits

Scientific Session II — Abdominal Aortic

Moderators:  R. Clement Darling III, MD, Darren Schneider, MD, and
Laurent Chiche

10:00 am  Digital simulation of aortic stent-grafts: Towards full
computer assisted planning
Jean-Noël Albertini

10:08 am  How is EVAR better than open repair for aortic ruptures
despite 4 negative randomized trials?
R. Clement Darling III, MD

10:16 am  Robotic surgery for the abdominal aorta: Young
surgeons should pay attention
Fabien Thaveau

10:24 am  Unusual surgical procedures for complex aortic lesions
Laurent Chiche

10:32 am  Internal iliac artery preservation during EVAR:
A welcome reality for an active lifestyle
Darren Schneider, MD

10:40 am  Laser in situ stent graft fenestration during
complex EVAR
Hicham Kobeiter

10:48 am  Discussion

11:00 am  Aortic Case Presentation
U.S. Case

11:05 am  French Fellow Analysis
Thibault Couture

11:12 am  U.S. Fellow Analysis
Gregory Salzler, MD

11:19 am  Discussion and Voting by Moderators and Audience

11:35 am  Eye Opener Quiz — Fake News
Jean-Michel Bartoli, MD
Michael D. Dake, MD
Michel S. Makaroun, MD
Philippe Piquet, MD

Noon  Industry News from W.L. Gore & Associates, Inc. —
Endovascular repair with a new branch device
Presented by Michael D. Dake, MD

12:30 pm  Lunch and Exhibits

Scientific Session III — Venous Thromboembolism

Moderators:  Rabih A. Chaer, MD, MSc, Daniel Sze, MD, PhD, and
Mariangela De Masi

1:30 pm  Standard anticoagulation for acute and chronic venous
thromboembolism
Ulka Sachdev, MD

1:38 pm  Venous stents: When to use them, techniques, and
how durable are they?
Michael J. Singh, MD, FACS, RPVI

1:46 pm  Are the results of the ATTRACT trial attractive and how
will they change our approach to acute DVT?
Rabih A. Chaer, MD, MSc

1:54 pm  Venous interventions we do now that we didn’t
do 20 years ago
Daniel Sze, MD, PhD

2:02 pm  Catheter-directed thrombolysis for pulmonary embolism
Efthymios Avgerinos, MD

2:10 pm  Contemporary management of arteriovenous
malformations
Denis Herbreteau

2:18 pm  Discussion

2:30 pm  Venous Case Presentation
U.S. Case

2:35 pm  French Fellow Analysis
Aurélien Hostalrich

2:42 pm  U.S. Fellow Analysis
Laurel Hastings, MD

2:49 pm  Discussion and Voting by Moderators and Audience

3:00 pm  Break and Exhibits
Scientific Session IV – Visceral Disease / Miscellaneous
Moderators: Michael J. Singh, MD, FACS, RPVI, Melissa L. Kirkwood, MD, and Hélène Vernhet-Kovacsik

3:30 pm  Complex renal artery disease: My endovascular arsenal
Louis Boyer

3:38 pm  Non-atheromatous renal artery stenosis:
Evaluation, treatment and follow up
Hélène Vernhet-Kovacsik

3:46 pm  Mesenteric ischemia: To stent or to bypass?
Malachi Sheahan III, MD

3:54 pm  Endovascular management of visceral aneurysms
Romaric Loffroy

4:02 pm  Risk management: The French paradox
Jean-Paul Beregi

4:10 pm  Radiation safety: Who should care and how to improve it?
Melissa L. Kirkwood, MD

4:18 pm  Discussion

4:30 pm  Visceral Case Presentation
French Case

4:35 pm  U.S. Fellow Analysis
Sung Yang, MD

4:42 pm  French Fellow Analysis
Iskander Bouassida

4:49 pm  Discussion and Voting by Moderators and Audience

5:00 pm  Thursday Adjournment and Closing Remarks
Course Co-Cirectors: Drs. Bartoli, Dake, Makaroun, and Piquet

7:00 pm  Reception
The Andy Warhol Museum
117 Sandusky Street (North Shore)
Pittsburgh, PA 15212

Scientific Session V — Peripheral Vascular Disease
Moderators:  Kim J. Hodgson, MD, Anton Sidawy, MD, and Xavier Chaufour

8:00 am  Chronic limb ischemia: The effect of diabetes
Anton Sidawy, MD

8:08 am  Developing a true CLI program: What does it involve?
Barry T. Katzen, MD

8:16 am  How to prevent popliteal stenting failures
Mariangela De Masi

8:24 am  Drug elution: A game changer or not?
Kim J. Hodgson, MD

8:32 am  Arterial stenting for PAD: When do I say NO!
Philippe Cluzel

8:40 am  Aortoiliac disease: What is left for open reconstructions?
Mohammad S. Eslami, MD

8:48 am  Discussion

9:00 am  PVD Case Presentation
French Case

9:05 am  U.S. Fellow Analysis
Emilia Krol, MD

9:12 am  French Fellow Analysis
Edouard Purenne

9:19 am  Discussion and Voting by Moderators and Audience

9:30 am  Break and Exhibits
Scientific Session VI — Thoracoabdominal Aorta

Moderators: Michael D. Dake, MD, Michel S. Makaroun, MD, and Dominique Grisoli

10:00 am Management of aortic dissection: The team and logistics
Elsa Faure

10:08 am Type B dissection: Is medical Rx still the best option?
Hervé Rousseau

10:16 am Preoperative evaluation of spinal cord perfusion
Pierre-Antoine Barral

10:24 am Management of type A dissection: Setting the stage for future reinterventions
Dominique Grisoli

10:32 am Management of the false lumen after TEVAR
Michael D. Dake, MD

10:40 am Aortic remodeling after TEVAR for degenerative disease
Philippe Piquet, MD

10:48 am Discussion

11:00 am Dissection Case Presentation
U.S. Case (from Stanford University)

11:05 am French Fellow Analysis
Auréline Boitet

11:12 am U.S. Fellow Analysis
Nathan Liang, MD

11:19 am Discussion and Voting by Moderators and Audience

11:35 am Special Lecture: The Fellowship of Vascular Specialists
Michael D. Dake, MD
Thelma and Henry Doelger Professor (III)
Department of Cardiothoracic Surgery
Stanford University School of Medicine
Falk Cardiovascular Research Center
Stanford, CA

Noon Industry News from Medtronic, Inc.

12:30 pm Lunch and Exhibits

Scientific Session VII — More Aortic Topics

Moderators: Darren Schneider, MD, Hervé Rousseau, and Jean M. Panneton, MD, FRCSC, FACS

1:30 pm Multimodal fusion: Immediate and long term benefits for TEVAR and FEVAR
Alexis Jacquier

1:38 pm Ascending aortic surgery under videoscopy
Marc Coggia

1:46 pm Hybrid treatment for aortic arch lesions and indications for replacement of the ascending aorta
Marine Gaudry

1:54 pm Management of distal aortic arch disease
Xavier Chaufour

2:02 pm Value and technique of endoanchors during TEVAR
Jean M. Panneton, MD, FRCSC, FACS

2:10 pm What is the best approach for descending thoracic aorta degenerative aneurysm?
Jean Picquet

2:18 pm Discussion

2:30 pm Aortic Case Presentation
French Case

2:35 pm U.S. Fellow Analysis
Andre Ramdon, MBBS

2:42 pm French Fellow Analysis
Léonore Freycon

2:49 pm Discussion and Voting by Moderators and Audience

3:00 pm Break and Exhibits

Scientific Session VIII — Embolization

Moderators: Daniel Sze, MD, PhD and Romaric Loffroy

3:30 pm Basics of embolization
Daniel Sze, MD, PhD

3:38 pm Role of fusion in prostatic embolization
Farouk Tradi

3:46 pm Emborrhoid: Treatment of hemorrhoids with arterial embolization
Jean-Michel Bartoli, MD
May 25, 2018 — Continued

3:54 pm  **Endoleak management with embolization:**
*Trans-arterial, trans-lumbar, and trans-caval*
Jean M. Panneton, MD, FRCSC, FACS

4:02 pm  **Endovascular embolization and stent grafts for trauma**
Mohammad S. Eslami, MD

4:10 pm  **Liquid embolic agents: Applications and pipeline products**
Daniel Sze, MD, PhD

4:18 pm  **Discussion**

4:30 pm  **Embolization Case Presentation**
U.S. Case

4:35 pm  **French Fellow Analysis**
Arnaud Gallon

4:42 pm  **U.S. Fellow Analysis**
Dara Omer, MD

4:49 pm  **Discussion and Voting by Moderators and Audience**

5:00 pm  **Friday Adjournment and Closing Remarks**
Course Co-Directors: Drs. Bartoli, Dake, Makaroun, and Piquet

6:00 pm  **Pittsburgh Pirates Baseball Game (Pre-Game Festivities)**
Pittsburgh Pirates versus St. Louis Cardinals
Game Time: 7:05 pm
PNC Park
115 Federal Street (North Shore)
Pittsburgh, PA 15212

**Scientific Program Agenda — Saturday, May 26, 2018**

7:00 am  **Continental Breakfast and Registration**

7:50 am  **Welcome and Opening Remarks**
Eric S. Hager, MD
Steven A. Leers, MD, RVT, RPVI, FSVU

**Scientific Session IX — Venous Insufficiency / Dialysis Access**
*Moderators: Eric S. Hager, MD and Timothy Wu, MD, FACS*

8:00 am  **When and how to ablate the perforators**
Eric S. Hager, MD

8:10 am  **Ablation or foam for truncal insufficiency**
Raymond E. Eid, MD

8:20 am  **Endovenous U.S.-guided laser therapy of venous dysplasia**
Lionel Bourgeois

8:30 am  **Reappraisal of the Fistula First Initiative**
Theodore H. Yuo, MD, MSc

8:40 am  **Novel grafts in dialysis access**
Efthymios Avgerinos, MD

8:50 am  **Peritoneal dialysis**
Eric S. Hager, MD

9:00 am  **Percutaneous arteriovenous fistula creation**
Timothy Wu, MD, FACS

9:10 am  **Percutaneous techniques for AV access maintenance**
Michael C. Madigan, MD

9:20 am  **Managing troublesome central venous occlusion**
Timothy Wu, MD, FACS

9:30 am  **Break**

**Scientific Session X — Vascular Laboratory**
*Moderator: Steven A. Leers, MD, RVT, RPVI, FSVU*

10:00 am  **RPVI Examination**
Steven A. Leers, MD, RVT, RPVI, FSVU

10:05 am  **Basic transducer overview**
Kyle M. Markel, MD, RVT

10:20 am  **Cerebrovascular diagnosis**
Heather L. Gornik, MD, RVT

10:30 am  **Interesting carotid cases**
Steven A. Leers, MD, RVT, RPVI, FSVU

10:40 am  **Physiologic arterial testing**
Thomas Reifsnyder, MD, RVT

10:50 am  **Arterial duplex scanning**
Heather L. Gornik, MD, RVT, RPVI

11:00 am  **Arterial testing after intervention**
Thomas Reifsnyder, MD, RVT

11:10 am  **Visceral scanning**
Steven A. Leers, MD, RVT, RPVI, FSVU

11:20 am  **Duplex after EVAR**
Kyle M. Markel, MD, RVT

Noon  **Closing Remarks and Conference Adjournment**
Course Co-Directors: Drs. Bartoli, Dake, Makaroun, and Piquet
FACULTY

LOCAL FACULTY — PITTSBURGH, PA

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Chief, Division of Vascular Surgery, Albany Medical Center Hospital
Director, The Institute for Vascular Health and Disease
President, The Vascular Group
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Associate Dean for Clinical Affairs, Florida International University  
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St. Etienne, France

Charles Arteaga  
Radiodiagnosis and Medical Imaging  
Hôpital d’instruction des armées  
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Edouard Purenne  
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Paris, France
REGISTRATION INFORMATION

Pre-Register — All pre-registrations are due by Thursday, May 10, 2018. Registrations after this date are accepted only as on-site registrations. Registering online is the quickest and easiest way to reserve your space.

Please visit our online registration site at https://ccehs.upmc.com. Once you are there, click on Upcoming Events, scroll down to the event link for May 24-26, 2018 — 15th Annual Pittsburgh Vascular Symposium, and proceed with registration as appropriate.

After registering, an electronic confirmation will be sent to the email address you provided when you registered.

Please note: Registration is not complete until you receive this confirmation. If you do not receive this confirmation within 5-7 days of registration, please contact us at 412-802-3031. You must bring this confirmation with you to the conference.

Paper registrations are available by fax or email. Please contact Mark Byrne at 412-802-3031 or byrneme@upmc.edu if you are unable to register online and require the use of a paper registration form.

UPMC employees whose registration fee will be remitted via journal transfer should request the paper registration form.

Cancellation — All cancellations must be in writing, via email or fax. Tuition for cancellations on or before May 10, 2018, will be completely refunded. After May 10, 2018, a $35 administrative fee will be assessed. No refunds will be made after May 23, 2018.

Cancellation requests can be made to:
Mark Byrne
Fax: 412-291-1669
Email: byrneme@upmc.edu

The UPMC Center for Continuing Education reserves the right to cancel this program if sufficient registrations are not received. In the case of cancellation, the department will fully refund registration fees.

Registration Fees (Pre-Register / On-Site)
Physician — MD, DO, etc.: $250 / $300
Nurses, PAs, and other health care professionals: $125 / $150
Residents and Fellows: $125 / $150*

*Residents and Fellows can apply for a fee waiver by contacting Mark Byrne at 412-802-3031 or byrneme@upmc.edu.

Registration fee includes:
• Continuing education credit
• Registration and course materials
• Continental breakfast, refreshments and lunch

For additional information, contact the Event Coordinator, Mark Byrne, at 412-802-3031 or via email at byrneme@upmc.edu.

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