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

Jean-Michel Bartoli, MD
Radiology and Medical Imaging
Hôpital de la Timone
Marseille, France

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Co-Director, UPMC Heart & Vascular Institute
Professor and Chair
Division of Vascular Surgery

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Thelma and Henry Doelger Professor (III)
Department of Cardiothoracic Surgery
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Vascular Surgery
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Rabih A. Chaer, MD, MSc
Residency and Fellowship Program Director
Professor of Surgery
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Steven A. Leers, MD, RVT
Medical Director, UPMC Vascular Laboratories
Associate Professor of Surgery
Division of Vascular Surgery

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, speciality programs, services, research and education, our experts, patient stories, and locations.

— — — —  JOINT MEETING— — — —

15th Annual
Pittsburgh Vascular Symposium
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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: Frank J. Veith, MD and Barry T. Katzen, 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  Active catheters: What do they add?
          Raphaël Blanc

8:48 am  Discussion

9:00 am  Cerebrovascular Case Presentation
          French Case
9:05 am  U.S. Fellow Analysis  
Elizabeth Genovese, MD

9:12 am  French Fellow Analysis  
Axel Bartoli

9:19 am  Discussion and Voting by Moderators and Audience

9:30 am  Break and Exhibits

Scientific Session II — Abdominal Aortic  
Moderators: R. Clem Darling III, MD, Laurent Chiche, and Frank J. Veith, MD

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. Clem 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 B. 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  
French Case

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  News from Industry  
Moderators: Jean-Michel Bartoli, MD, and TBD

12:30 pm  Lunch and Exhibits

Scientific Session III — Venous Thromboembolism  
Moderators: Rabih A. Chaer, MD, MSc and Daniel Sze, MD, PhD

1:30 pm  Pre-operative imaging for acute and chronic DVT  
Faculty — TBD

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  
Mickaël Ohana

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 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: The French experience
          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 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 PROGRAM AGENDA: FRIDAY, MAY 25, 2018

7:00 am  Continental Breakfast and Registration

7:50 am  Welcome and Opening Remarks
          Michel S. Makaroun, MD

Scientific Session V — Peripheral Vascular Disease

Moderators: Kim J. Hodgson, MD, and Anton Sidawy, MD

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
          Faculty TBD

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
          French Case

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, Philippe Piquet, MD, and Hervé Rousseau

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  
French Case

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  
Stanford, CA

Scientific Session VII — More Aortic Topics

Moderators: Darren B. Schneider, MD, Philippe Piquet, MD, 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 Chauffour

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

2:10 pm  Thoracic aortic fistula: A multidisciplinary challenge  
Mariangela De Masi

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  
French Case

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 Farouk Tradi

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

Endovascular embolization and stent grafts for trauma
Mohammad S. Eslami, MD

Liquid embolic agents: Applications and pipeline products
Daniel Sze, MD, PhD

Discussion

Embolization Case Presentation
U.S. Case

French Fellow Analysis
Arnaud Gallon

U.S. Fellow Analysis
Dara Omer, MD

Discussion and Voting by Moderators and Audience

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

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 Session X — Vascular Laboratory

U.S. and CT multimodal fusion: Role in EVAR follow-up
Laurence Bal

RPVI Examination
Steven A. Leers, MD, RVT

Physics and transducers
Kyle Markel, MD

Cerebrovascular diagnosis
Heather L. Gornik, MD

Arterial testing after intervention
Thomas Reifsnyder, MD, RVT

Visceral scanning
Steven A. Leers, MD, RVT

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

LOCAL FACULTY — PITTSBURGH, PA

Georges Al-Khoury, MD
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Division of Vascular Surgery

Efthymios Avgerinos, MD
Associate Professor of Surgery
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Professor of Surgery, Albany Medical College
Chair, Vascular Educational Endowment Fund
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Chief Resident, Louisiana State University Health Sciences Center
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Chair, Division of Vascular Surgery
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College of Medicine
Associate Dean for Clinical Affairs, Florida International University
Herbert Wertheim College of Medicine
Founder and Medical Director, Miami Cardiac & Vascular Institute
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Chief of Vascular and Endovascular Surgery  
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Cleveland Clinic  
Professor of Surgery and William J. von Liebig Chair in Vascular Surgery  
New York University Medical Center  
Cleveland, OH and New York, NY

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Newark, NJ

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St. Etienne, France

Charles Arteaga  
Radiodiagnosis and Medical Imaging  
Hôpital d’instruction des armées  
Sainte-Anne  
Toulon, France

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Radiology  
Paris, France

Jean-Paul Beregi  
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CHU Nimes  
Nimes, France

Raphaël Blanc  
Interventional Neuroradiology  
Foundation Adolphe de Rothschild  
Paris, France

Lionel Bourgeois  
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Hôpital de la Timone  
Marseille, France

Iskander Bouassida  
Radiology  
CHU Nîmes  
Nîmes, 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](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 Fee: $150 / $175
- Residents and Fellows: FREE / $25
- Nurses, PAs, and other health care professionals: $75 / $100

**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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The UPMC Center for Continuing Education in the Health Sciences invites you to visit our website at [https://ccehs.upmc.com](https://ccehs.upmc.com). Receive information on CME programs, earn CME credits on the Internet, and access information about our formal courses and much more. Discover who we are and how you can contact us. Please visit our web location often to get updated information on upcoming programs.

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