The Houston Aortic Symposium
Frontiers in Cardiovascular Diseases
THE TENTH IN THE SERIES

The Westin Oaks Hotel, Houston, Texas

February 23, 24 & 25, 2017

SYMPOSIUM CHAIRMEN
HAZIM J. SAFI, MD
DAVID D. MCPHERSON, MD

PROGRAM DIRECTORS
ANTHONY ESTRERA, MD
ALI AZIZZADEH, MD
DESCRIPTION

This two-and-a-half day live symposium, which is the tenth in an annual series, has been designed to present and discuss the diagnosis and treatment paradigms for aortic diseases, including medical, endovascular, surgical, and hybrid options. Sessions topics will include Structural Heart, Aortic Root/BAV, Ascending Aorta/Aortic Dissection (Proximal), Transverse Arch, Aortic Dissection (Distal), DTAA/TEVAR, Molecular/Genetics/Medical, and TAAA.

The scientific program was formulated by consulting the current literature and national data, in conjunction with the expertise of the Program Directors and esteemed faculty, and incorporating information gathered from online needs assessment surveys and evaluation outcomes.

EDUCATIONAL OBJECTIVES

After attending the symposium, participants should be able to:

- Understand the current management of acute/chronic, symptomatic/asymptomatic, and complicated/uncomplicated aortic dissection
- Examine updates from the latest trials for aortic dissection
- Compare the latest results for open, hybrid, and endovascular repair for the transverse aortic arch
- Review current management of the bicuspid aortic valve and its aortopathy
- Understand the latest techniques in open and endovascular management of complex abdominal aortic aneurysms
- Review the latest techniques for descending thoracic aortic aneurysm repair
- Contrast open and endovascular techniques for thoracoabdominal aortic aneurysm management
- Evaluate updates on recent advances in vascular genetics
- Examine the current techniques in minimally invasive cardiac surgery
- Review the most recent results of transcatheter aortic and mitral valve replacement

CME ACCREDITATION AND DESIGNATION

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

Promedica International designates this live activity for a maximum of 17 AMA PRA Category 1 Credit(s). Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Provider approved by the California Board of Registered Nursing, Provider #8495 for 17 contact hours.

Category 1 CEUs from the American Board of Cardiovascular Perfusion (ABCP) will be applied for. The credit determination will be available online at www.promedicacme.com and www.houstonaorticsymposium.com.

ABIM MOC ACCREDITATION

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 17 MOC points in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider’s responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.
TARGET AUDIENCE
This symposium is designed for vascular surgeons, cardiothoracic surgeons, interventional radiologists, cardiologists, anesthesiologists, physician assistants, nurse practitioners, perfusionists, and other health care professionals involved in the care and treatment of patients with aortic diseases.

ACTIVITY EVALUATION
Evaluation by online questionnaire will address content, presentation and future educational needs.

COMMERCIAL SUPPORT
This program is supported in part by educational grants and exhibits from industry, in accordance with the ACCME Standards for Commercial Support. At the time of printing, a complete list of commercial supporters was not available. Appropriate acknowledgement will be given to all supporters in meeting materials onsite.

ABSTRACT SUBMISSION
Original abstracts will be considered for oral/video presentation and poster display when submitted online at www.promedicacme.com or www.houstonaorticsymposium.com.

Deadline for Abstract Submissions:
February 3, 2017

Abstract Categories
- Diagnosis
- Endovascular
- Etiology
- Evaluation, Management, Surgery, Medicine
- Genetics
- Imaging
- Natural History
- Pathology

An Advanced Skills Workshop for Cardiothoracic Fellows will be held on Wednesday, February 22, 2017. Check www.promedicacme.com or www.houstonaorticsymposium.com for the agenda and further program information.

HONORING HAZIM J. SAFI, MD
Hazim J. Safi, MD, completed his medical training and surgical residency at Baghdad University College of Medicine. He subsequently completed a fellowship at St. James’ hospital in London, and came to Houston in 1977, where he once again was fully trained in the US system as a general surgeon, and also completed fellowship training in cardiothoracic and vascular surgery. He trained under the giants of the field – Michael E. DeBakey, E. Stanley Crawford and many others – and he has been described by one of his peers as “Legendary for his surgical skills among people who are legendary for their surgical skills”. He maintains board certification in general surgery, thoracic / cardiac surgery and vascular surgery. Dr. Safi is a Fellow of the American College of Surgeons, and a Fellow of the Royal College of Surgeons – England.
FACULTY

SYMPOSIUM CHAIRMEN

HAZIM J. SAFI, MD  
Professor and Chair, Department of Cardiothoracic and Vascular Surgery  
University of Texas, Medical School at Houston  
Chief, Cardiothoracic and Vascular Surgery  
Memorial Hermann Heart and Vascular Institute  
Houston, TX

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Professor and Chair, Department of Internal Medicine  
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NAVEED U. SAQIB, MD  
ROY SHEINBAUM, MD  
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Paris, France

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London, United Kingdom

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Montpellier, France

ANDREW CARTMILL, BSC, MBBS (HONS)  
Princess Alexandra Hospital  
Springhill, Australia
2017 SCIENTIFIC PROGRAM

THURSDAY, FEBRUARY 23

6:45 – 7:45 AM
Continental Breakfast, Registration, and View Exhibits

7:45 – 7:50 AM
Introduction
Hazim J. Safi, MD, and David D. McPherson, MD

7:50 – 8:00 AM
SESSION I: STRUCTURAL HEART
Moderators: Hazim J. Safi, MD, David D. McPherson, MD, Tom C. Nguyen, MD

8:00 – 8:08 AM
Role of TAVR in Low and Intermediate Risk Patient
Michael Mack, MD

8:09 – 8:17 AM
Current Updates – Transcatheter Aortic Valve-in-Valve
Prakash Balan, MD, JD

8:18 – 8:26 AM
Percutaneous Mitral Valve Repair and Replacement: The Future is Now!
Abhijeet Dhoble, MD, MPH

8:27 – 8:35 AM
Building a Minimally Invasive Valve Program
Tom C. Nguyen, MD

8:36 – 8:44 AM
Achieving Excellence with Minimally Invasive Valve Surgery
Marc Gerdisch, MD

8:45 – 8:53 AM
Achieving Excellence with Minimally Invasive Valve Surgery with Limited Resources – the Vietnam Experience
Dinh Hoang Nguyen, MD

8:54 – 9:02 AM
Transcatheter Mitral Replacement with CardiAQ
Arshad Quadri, MD

9:03 – 9:11 AM
Transapical Mitral Valve Repair with Harpoon
James S. Gammie, MD

9:12 – 9:20 AM
Use of Del Nido Cardioplegia in Minimal Invasive Cardiac Surgery Cases
Stephanie L. Mick, MD

9:21 – 9:29 AM
The 16 Year Evolution of Antiplatelet Therapy as Sole Thromboprophylaxis in Patients with Mechanical Heart Valves
Raul Garcia-Rinaldi, MD, PhD

9:30 – 9:38 AM
Importance of ECHO in Treating Structural Heart Disease
Catalin Loghin, MD

9:39 – 10:00 AM
Panel Discussion

10:00 – 10:30 AM
Break / View Posters & Exhibits

SESSION II: AORTIC ROOT/BAV
Moderators: John A. Elefteriades MD, Thoralf M. Sundt, MD

10:30 – 10:38 AM
Gene Based Management of Aortic Disease
Dianna M. Milewicz, MD, PhD

10:39 – 10:47 AM
Intervention for BAV Aortopathy: How Do the Guidelines Help Us?
Thoralf M. Sundt, MD

10:48 – 10:56 AM
Aortic Root Replacement in LDS
Duke Cameron, MD

10:57 – 11:05 AM
BAV Repair with Reimplantation Root
Joseph E. Bavaria, MD

11:06 – 11:14 AM
Bicuspid Aortic Valve: BAVCON
Siddharth Prakash, MD, PhD

11:15 – 11:23 AM
25-year Experience with Composite Grafting of the Aortic Root – Near Curative Impact
John A. Elefteriades, MD

11:24 – 11:32 AM
David Procedure in Acute Type A Aortic Dissection
Edward P. Chen, MD
11:42 AM – 11:50 PM  
Panel Discussion

11:50 – 12:50 PM  
Lunch

Lunch Lecture:  
A Look Ahead in Vascular Surgery  
Frank J. Veith, MD

SESSION III:  
ASCENDING AORTA/ AORTIC DISSECTION (PROXIMAL)

Moderators:  
Joseph E. Bavaria, MD  
Steven B. Eisenberg, MD

1:00 – 1:08 PM  
Differential Diagnosis of Thoracic Aortic Aneurysmal Diseases  
L. Maximilian Buja, MD

1:09 – 1:17 PM  
The Case for Early Intervention in Ascending Aortic Aneurysm  
John A. Elefteriades, MD

1:18 – 1:26 PM  
Biomechanical Implications for Ascending Endografting  
Rachel Clough, MD, PhD

1:27 – 1:35 PM  
Zone 2 Arch Concept with Sequential Branched Graft TEVAR for Definitive Solution to DeBakey I Dissection  
Joseph E. Bavaria, MD

1:36 – 1:44 PM  
Complete Replacement of the Transverse Arch and Great Vessels for Acute Type I Dissection  
Thomas G. Gleason, MD

1:45 – 1:53 PM  
TEVAR – First Approach for Type A with Mesenteric Malperfusion  
Bradley G. Leshnower, MD

1:54 – 2:02 PM  
Endovascular Repair of the Ascending Aortic Aneurysm  
Eric E. Roselli, MD

2:03 – 2:11 PM  
Acute Type A(1) Dissection: The Michigan Approach  
Himanshu J. Patel, MD

2:12 – 2:20 PM  
SOS Aorta in Paris: A Program for Aortic Emergencies  
Paul Achouh, MD, PhD

2:21 – 3:00 PM  
Discussion  
Moderator:  
Mohamad Bashir, MD, PhD

3:00 – 3:30 PM  
Break / View Posters & Exhibits

SESSION IV:  
TRANSVERSE ARCH

Moderators:  
Lars G. Svensson MD, PhD  
G. Chad Hughes, MD

1:30 – 3:38 PM  
Role of Surveillance Imaging After Proximal Aortic Repair  
G. Chad Hughes, MD

3:39 – 3:47 PM  
The Frozen Elephant Trunk for Type A Dissection  
Li-Zhong Sun, MD

3:48 – 3:56 PM  
Minimally Invasive Aortic Surgery  
Malakh Shrestha, MBBS, PhD

3:57 – 4:05 PM  
Brain Perfusion Adjuncts for Arch Repair: A Prospective Randomized Trial  
Lars G. Svensson, MD, PhD

4:06 – 4:14 PM  
Update on Arch Projects: Brain Perfusion  
Tristan D. Yan, MD, MS, PhD

4:15 – 4:23 PM  
The Frozen Elephant Trunk Technique  
Roberto Di Bartolomeo, MD

4:24 – 4:32 PM  
The Evolution of Aortic Arch Repair and Future Prospects  
David Spielvogel, MD

4:33 – 4:41 PM  
New Approaches to Aortic Arch Aneurysms  
Marek Ehrlich, MD

4:42 – 4:50 PM  
Cerebral Protection for Total Arch Replacement and Extended Periods of Circulatory Arrest  
Leonard N. Girardi, MD

4:51 – 4:59 PM  
Aortic Arch: Hybrid Treatment and New Perspectives  
Roberto Chiesa, MD

5:00 – 5:30 PM  
Panel Discussion

5:30 PM  
Adjourn
FRIDAY, FEBRUARY 24

7:00 – 7:50 AM
Continental Breakfast and View Exhibits

7:50 – 8:00 AM
Opening Remarks

SESSION V: AORTIC DISSECTION (DISTAL)
Moderators: Ali Azizzadeh, MD
Matt Thompson, MD

8:00 – 8:08 AM
Type B Aortic Dissection: Past, Present, Future
Michael D. Dake, MD

8:09 – 8:17 AM
What Role Does Medical Management Play in Acute/Subacute Aortic Dissection
Christoph A. Nienaber, MD, PhD

8:18 – 8:26 AM
Update on IRAD
Santi Trimarchi, MD

8:27 – 8:35 AM
TEVAR is Not Appropriate for Type B Dissection Without Complications
Sean Lyden, MD

8:36 – 8:44 AM
Management of Complicated Type B Dissections
Edward Woo, MD

8:45 – 8:53 AM
TEVAR for Uncomplicated Type B Dissections
Richard P. Cambria, MD

8:54 – 9:02 AM
Management of Chronic Distal Dissection with Aneurysm
Wilson Y. Szeto, MD

9:03 – 9:11 AM
Managing the False Lumen
Tilo Kölbl, MD, PhD

9:12 – 9:20 AM
Update on STABLE Trial
Joseph V. Lombardi, MD

9:21 – 9:29 AM
Acute Type B Dissection: The UT Houston Experience
Ali Azizzadeh, MD

9:30 – 10:00 AM
Panel Discussion

10:00 – 10:20 AM
Break / View Posters & Exhibits

SESSION VI: DTAA/TEVAR/EVAR
Moderators: Nicholas J.W. Cheshire, MD
Naveed U. Saqib, MD

10:20 – 10:28 AM
Single Arm Branched Grafts for the Thoracic Arch
Michel S. Makaroun, MD

10:29 – 10:37 AM
Using EndoAnchors during TEVAR: Indications, Techniques and Outcomes
Jean M. Panneton, MD

10:38 – 10:46 AM
Improving Spinal Cord Tolerance to Complex Aortic Intervention
T. Brett Reece, MD

10:47 – 10:55 AM
Secondary Interventions after TEVAR
Ron Fairman, MD

10:56 – 11:04 AM
Hybrid Approaches for Aortic Disease
Ali Khoynezhad, MD, PhD

11:05 – 11:13 AM
What Is the Real Spinal Cord Outcome After Endo-Intervention for Thoracoabdominal Aneurysms?
Nicholas J.W. Cheshire, MD

11:14 – 11:22 AM
Aortic Surgery in Pregnancy
Steven L. Lansman, MD, PhD

11:23 – 11:30 AM
Iliac Branch Devices for Complex AAA
Darren B. Schneider, MD

11:30 – 11:45 AM
Panel Discussion

11:45 – 12:45 PM
Lunch Lecture: The Evolution of Disease
Jon D. Reveille, MD

SESSION VII: GENETICS/IMAGING/TECHNOLOGY
Moderators: Dianna M. Milewicz, MD, PhD
Rana O. Afifi, MD

1:00 – 1:08 PM
Genetic Counseling for Aortic Disease: What the Surgeon Needs to Know
Stephanie Wallace, MS, CGC

1:09 – 1:17 PM
Arterial Toruosity
Shaine A. Morris, MD, MPH
SESSION VIII: TAAA

Moderators:
Gustavo S. Oderich, MD
and Anthony Estrera, MD

3:00 – 3:08 PM
Open TAAA
Joseph S. Coselli, MD

3:09 – 3:17 PM
Endovascular TAAA Repair: Lessons Learned from the Cleveland Clinic Experience
Matthew J. Eagleton, MD

3:18 – 3:26 PM
Current Techniques and Results of Open Surgery for Thoracoabdominal Aortic Aneurysm
Yutaka Okita, MD, PhD

3:27 – 3:35 PM
Sandwich Grafts for TAAA: Advantages, Disadvantages, and Limitations
Armando Lobato, MD, PhD

3:36 – 3:44 PM
The Spider-Graft for Thoracoabdominal Aortic Repair: First in Man Experience and Results
Eike Sebastian Debus, FEBVS

3:45 – 3:53 PM
Off-the-shelf Endovascular TAAA Repair
Mark A. Farber, MD

3:54 – 4:02 PM
Management of the CSF Drain: Current Update
Anthony Estrera, MD

SESSION IX: ABSTRACT SESSION

Moderators:
Charles C. Miller III, PhD
Eyal E. Porat, MD
Kristofer M. Charlton-Ouw, MD

8:30 – 10:00 AM
Abstract Presentations

10:00 – 10:30 AM
Break/View Posters

10:30 – 11:25 AM
Abstract Presentations

11:25 – 11:30 AM
Closing Remarks
Hazim J. Safi, MD, and
David D. McPherson, MD
LOCATION
The symposium will be held at the Westin Oaks Hotel in Houston, Texas.

HOTEL ACCOMMODATION
A group rate of $239 + tax for single or double occupancy has been made available at the Westin Oaks Hotel. To make your reservation at the group rate, please go to www.promedicacme.com for the link, or you may call the hotel directly at (800) 228-3000 or (713) 960-8100. All reservations must be made by January 30, 2017 to receive the group rate.

PAYMENT
Registration fees may be paid by credit card using Visa, MasterCard, American Express or Discover. Fees may also be paid by check, payable to Promedica International CME in US dollars, drawn on a US bank.

REFUNDS
All cancellations must be submitted in writing and refunds will be subject to a $100 administrative charge. Cancellations will not be accepted over the phone. No refunds will be given after January 27, 2017.

SOCIAL EVENT
The following event has been arranged for participants:

Welcome Reception and Registration
Wednesday, February 22, 2017 from 6:00 – 8:00 pm
Grand Foyer, 3rd Level at the Westin Oaks Hotel

Gala to Honor Dr. Hazim J. Safi
Friday, February 24, 2017 beginning at 5:15 pm
Rooftop, the Westin Oaks Hotel

REGISTRATION FEE INFORMATION
Registration fee includes tuition, continental breakfast, coffee breaks, lunch, reception and scientific program materials.

$795 Physician/Industry through January 27, 2017
$895 Physician/Industry after January 27, 2017
$495 Resident/Fellow/Nurse/Technician through January 27, 2017
$595 Resident/Fellow/Nurse/Technician after January 27, 2017

To register, please visit www.promedicacme.com or www.houstonaorticsymposium.com, or return the following form by mail or fax to:
Promedica International CME
300 Carlsbad Village Drive, Ste 108A-326
Carlsbad, CA 92008
Phone: (760) 720-2263 Fax: (760) 720-6263
Email: Lsteigerwald@promedicacme.com

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PHYSICIAN/INDUSTRY
☐ $795 through January 27, 2017
☐ $895 after January 27, 2017

RESIDENT/FELLOW/NURSE/TECHNICIAN
☐ $495 through January 27, 2017
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The Houston Aortic Symposium
Frontiers in Cardiovascular Diseases

February 23, 24 & 25, 2017

The Westin Oaks Hotel, Houston, Texas

Here's What They're Saying:

- An array of important topics was covered by a truly world-class faculty.
- Excellent review of the most up-to-date, cutting-edge treatment and technology.
- The best aortic symposium I have ever attended!
- A fantastic symposium that illustrated many new ideas in treating aortic disease.
- Terrific, concise overview of surgical and molecular insights into aortic disease.
- Excellent, informative, and practical. A highly approachable faculty.