





February 15, 16 & 17, 2018

## The Houston Aortic Symposium Frontiers in Cardiovascular Diseases

THE ELEVENTH IN THE SERIES

The Westin Oaks Hotel, Houston, Texas

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

ALI AZIZZADEH, MD ANTHONY ESTRERA, MD

#### NEW THIS YEAR

Nursing Symposium on February 14, 2018!





### **PROGRAM**

#### PROGRAM DESCRIPTION

This two-and-a-half day live symposium, which is the eleventh 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, Ascending Aorta/Aortic Dissection (Proximal), Transverse Arch/Carotid, AAA/PAD, Aortic Dissection (Distal), DTAA/TEVAR, Genetics/Imaging/Technology, 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

#### COMMERCIAL SUPPORT

This program is supported in part by educational grants and exhibits from industry, in accordance with the ACCME's 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.

#### FACULTY DISCLOSURE

In accordance with the ACCME Standards for Commercial Support, course directors, planning committees, faculty and all others in control of the educational content of the CME activity must disclose all relevant financial relationships with any commercial interest that they or their spouse/partner may have had within the past 12 months. If an individual refuses to disclose relevant financial relationships, they will be disqualified from being a part of the planning and implementation of this CME activity. Employees of a commercial interest with business lines or products relating to the content of the CME activity will not participate in the planning or any accredited portion of

## **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

#### DAVID D. MCPHERSON, MD

Professor and Chair, Department of Internal Medicine
University of Texas, Medical School at Houston
Chief, Cardiology
Memorial Hermann Heart and Vascular Institute
Houston, TX

LOCAL FACULTY

MICHAEL DAKE, MD Stanford University Stanford, CA

R. CLEMENT DARLING III, MD Albany Medical Center Hospital Albany, NY

NIMESH DESAI, MD PHD Hospital of the University of Pennsylvania Philadelphia, PA

SUHAIL DOHAD, MD, RVT Cedars-Sinai Medical Center Los Angeles, CA

JOSEPH DUBOSE, MD University of Maryland Baltimore, MD

MAREK EHRLICH, MD University of Vienna Vienna, Austria

MARK ESKANDARI, MD Northwestern University Feinberg School of Medicine Chicago, IL

ROSS MILNER, MD University of Chicago Chicago, IL

SAMUEL MONEY, MD Mayo Clinic Phoenix, AZ

RANDY MOORE, MD, MSC
Peter Lougheed Center University of Calgary
Calgary, Canada

WESLEY S. MOORE, MD UCLA Medical Center Los Angeles, CA

CHRISTOPH A. NIENABER, MD, PHD Imperial College The Royal Brompton & Harefield NHS Trust London, United Kingdom

GUSTAVO ODERICH, MD Mayo Clinic Rochester, MN

DAVIDE PACINI, MD Policlinico di S. Orsola University of Bologna

## 2018 SCIENTIFIC

#### **WEDNESDAY, FEBRUARY 14**

12:00 – 5:00 PM Nursing Symposium

5:00 - 7:00 PM
Welcome Reception
and Registration

#### THURSDAY, FEBRUARY 15

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 Opening Remarks 8:27 – 8:35 AM
Emerging Mitr
Technologies
Where Are We
Michael Mack, N

8:36 – 8:44 AM
Minimally Inva
Mitral Valve S
Pearls and Pit
Mahesh Ramcha

8:45 – 8:53 AM
TAVR in Low a
Intermediate f
– Is it Justified
Prakash Balan, I

8:54 – 9:02 AM

Cardioembolic

Saibal Kar, MD

9:03 – 9:11 AM Experience wi Stentless Aorl 11:50 AM - 12:50 PM Lunch

Lunch Lecture: ECMO

Joseph Zwischenberger, MD

#### SESSION III: TRANSVERSE ARCH/ CAROTID

Moderators: Sheila Coogan, MD, RPVI Frank J. Veith, MD

1:00 - 1:08 PM

Open vs. Endo Arch Reconstruction: Evidence & Anecdote Nicholas J.W. Cheshire, MD, FRCS

1:09 - 1:17 PM

Endovascular Branched Arch Repair

Nimesh Desai, MD, PhD

1:18 - 1:26 PM

Technique and Outcome of Laser Fenestration for Arch Vessels Jean M. Panneton, MD

1:27 - 1:35 PM

Dealing with Supraortic Trunks: Scallopped and Branched Endografts for the Arch Vincent Riambau, MD, PhD

1:36 - 1:44 PM

Optical Coherence Tomography for CAS Suhail Dohad, MD, RVT

1:45 - 1:53 PM

CEA vs. CAS: How Can We Make CAS Safer Wesley S. Moore, MD 1:54 - 2:02 PM

TCAR is the Treatment of Choice for Asymptomatic High Grade Stenosis Mahmoud Malas, MD, MHS

2:03 - 2:11 PM

CAS is the Treatment of Choice for Asymptomatic High Grade Stenosis Richard Smalling, MD, PhD

2:12 - 2:20 PM

CEA is the Treatment of Choice for Asymptomatic High Grade Stenosis Luis A. Sanchez, MD

2:21 - 2:29 PM

Why Randomized Trials and Guidelines Can Be Misleading Frank J. Veith, MD

2:30 - 3:00 PM

Panel Discussion

3:00 - 3:30 PM

Break / View Posters & Exhibits

#### SESSION IV: AAA/PAD

Moderators: R. Clement Darling III, MD Gordon H. Martin, MD

3:30 - 3:38 PM

Use of EVAR as a Bridge in Mycotic Aortic Aneurysms Fred A. Weaver, MD

3:39 - 3:47 PM

Optimal Combinations for Parallel Graft Strategies Jason T. Lee, MD

3:48 - 3:56 PM

Does Transfer Increase Mortality for rAAA: A Case for Regionalization R. Clement Darling III, MD 3:57 - 4:05 PM

FEVAR for Failed EVAR Mark Farber, MD

4:06 - 4:14 PM

Long-Term Results of Standard EVAR in Angulated Necks Hence Verhagen, MD, PhD

4:15 - 4:23 PM

Improving Endograft Durability with EndoAnchors

William D. Jordan, Jr, MD

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4:24 - 4:32 PM

Aortic Graft Infection Peter Lawrence, MD

4:33 - 4:41 PM

Management of Endoleaks Murray Shames, MD

4:42 - 4:50 PM

Validation and Clinical Utility of the SVS WIfI Threatened Limb Classification Joseph Mills, MD

4:51 - 4:59 PM

Update on BEST CLI Trial Alik Farber, MD

5:00 - 5:30 PM

Panel Discussion

5:30 PM Adjourn



FRIDAY, FEBRUARY 16

7:00 - 8:00 AM Continental Breakfast and View Exhibits

#### SESSION V: AORTIC DISSECTION (DISTAL)

Moderators: Ali Azizzadeh, MD Eric Verhoeven, MD, PhD

8:00 - 8:08 AM

TEVAR Isn't Enough for TBAD

Joseph Lombardi, MD

8:09 - 8:17 AM

False Lumen Intervention to Promote Remodeling and Thrombosis: The FLIRT Concept in Selected Cases of Aortic Dissection Christoph A. Nienaber, MD, PhD

8:18 - 8:26 AM

Endovascular Repair of Chronic TBAD Eric Verhoeven, MD, PhD

8:27 - 8:35 AM

TEVAR for TBAD: VQI Post-Market Registry Richard Cambria, MD

8:36 – 8:44 AM Septectomy Catheter

for Aortic Dissection 8:45 – 8:53 AM

Extended Aortic Repair in Acute Type I AD Konstantinos Tsagakis, MD

8:54 - 9:02 AM **Update on IRAD** Santi Trimarchi, MD, PhD 9:03 - 9:11 AM

Cerebral Protection in Aortic Dissection Davide Pacini, MD

9:12 - 9:20 AM

Why We Need a Trial for TBAD

Kristofer Charlton-Ouw, MD

9:21 - 9:29 AM

High Risk Uncomplicated Type B Dissection Ali Azizzadeh, MD

9:30 - 10:00 AM

Panel Discussion

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

#### SESSION VI: DTAA/TEVAR

Moderators: Kristofer Charlton-Ouw, MD Edward Woo, MD

10:20 - 10:28 AM

Open Repair for Chronic Type B Aortic Dissection Anthony Estrera, MD

10:29 - 10:37 AM

How to Approach Aortic PAU and IMH Edward Woo, MD

10:38 - 10:46 AM

Stroke in TEVAR: The Role of Air Embolism Tilo Kölbel, MD, PhD

10:47 - 10:55 AM

Risks for Retrograde Type A Dissection After TEVAR Frank Robert Arko, III, MD 10:56 - 11:04 AM Intimal Disruption: An Uncommon Complication of TEVAR

11:05 - 11:13 AM

Mark Eskandari, MD

A Novel Filter for Stroke Prevention in TEVAR Richard Gibbs, MD

11:14 – 11:22 AM **Hybrid TEVAR** William J. Quinones-Baldrich, MD

11:23 - 11:31 AM

Upper Extremity Access for Complex EVAR/TEVAR Ross Milner, MD

11:32 - 11:40 AM

Risk Stratification for TEVAR and Open DTAA Akiko Tanaka, MD, PhD

11:41 - 11:45 AM Panel Discussion

11:45 AM – 12:45 PM Lunch

Lunch Lecture: Sustaining Fulfillment in Work and Life Bruce Gewertz, MD

#### SESSION VII: GENETICS/IMAGING/ TECHNOLOGY

Moderators: James Black, MD Naveed Saqib, MD

1:00 - 1:08 PM

Tension-Induced Inflammatory Mediators Drive Macrophage Accumulation to Propagate Aortic Remodeling Jean Marie Ruddy, MD



1:09 - 1:17 PM

The Role for Stent-Graft Therapy for Marfans Syndrome

James Black, MD

1:18 - 1:26 PM

Gene Specific Management of Aortic Disease

Dianna M. Milewicz, MD, PhD

1:27 - 1:35 PM

Update on Vascular Ehler-Danlos Syndrome Sherene Shalhub, MD, MPH

1:36 - 1:44 PM

Update from Aortic Trauma Foundation Registry

Joseph DuBose, MD

1:45 - 1:53 PM

Radiation Safety During Complex Endovascular Procedures

Melissa Kirkwood, MD

1:54 - 2:02 PM

**ERAS** in Aortic Surgery

John Zaki, MD Travis H. Markham, MD

2:03 - 2:11 PM

REBOA/Challenges of Starting a City Wide Program

Gerald Fortuna, MD

2:12 - 2:20 PM

Vacuum Assisted Thrombectomy Naveed Sagib, MD

2:21 - 2:29 PM

The Cost of Being a Surgeon Samuel Money, MD

2:30 - 2:40 PM

Panel Discussion

2:40 - 3:00 PM

Break / View Posters & Exhibits

#### SESSION VIII: TAAA

Moderators: Anthony Estrera, MD Gustavo Oderich, MD

3:00 - 3:08 PM

Outcomes of Endovascular TAAA Repair

Gustavo Oderich, MD

3:09 - 3:17 PM

Visceral Manifold for TAAA Repair

Patrick Kelly, MD

3:18 - 3:26 PM

Sandwich Technique for Complex Aortic Aneurysm: A Ten-Year Study

Armando Lobato, MD, PhD

3:27 - 3:35 PM

FEVAR: PMEG vs. Manufactured Devices

Andres Schanzer, MD

3:36 - 3:44 PM

Novel Hybrid Approach to Thoracoabdominal Repair Randy Moore, MD, MSc

3:45 - 3:53 PM

Mitigating Spinal Cord Ischemia in Endovascular Thoracoabdominal Aneurysm Repair Adam Beck, MD

3:54 - 4:02 PM

Use of Near Infrared Spectroscopy (NIRS) for Monitoring Spinal Cord Perfusion During Endovascular Repair of Complex Aortic Aneurysms Darren Schneider, MD 4:03 - 4:11 PM

Intercostal Artery Reattachment Rana Afifi, MD

4:12 - 4:20 PM

SPIDER Graft

Sabine Helena Wipper, MD

4:20 - 4:28 PM

Open TAAA Repair

Hazim J. Safi, MD

4:29 - 5:00 PM

Panel Discussion

5:00 PM

Adjourn

#### SATURDAY, FEBRUARY 17

7:30 - 8:25 AM

Continental Breakfast & Registration

8:25 - 8:30 AM

Opening Remarks

#### SESSION IX: ORAL ABSTRACT SESSION

Moderators:

Eyal E. Porat, MD Charles C. Miller III, PhD

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 \$245 + 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 1-866-238-4218 or (713) 960-8100. All reservations must be made by January 22, 2018 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 12, 2018.

Promedica International CME 300 Carlsbad Village Drive, Ste 108A-326 Carlsbad, CA 92008

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## Aortic Symposium The Houston

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# Here's What They're Saying:

- A very well organized symposium! The topics were very current and generated much fruitful and thoughtful discussion.
- and molecular insights into aortic disease. ■ TerriCc, Concise Overview Of Burgical
- Excellent, informative, and practical. A highly approachable faculty.
- This symposium gathers all of the pioneers in vascular and endovascular surgery from the US and internationally!
- An excellent breadth of topics presented by outstanding @xperts.in:the:@eld.:Always:aigreat□ educational experience!
- The best aortic symposium I have ever attended!

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