THE MEETING

Cardiovascular Innovations 2017 is a world-class meeting focused on state-of-the-art therapy for peripheral, coronary, and structural heart disease. The meeting consists of practical discussions with highly interactive expert panels, “on-camera” audience participation, and live case transmissions by the world’s leading operators in the United States and Europe.

CARDIOVASCULAR INNOVATIONS FOUNDATION

The mission of the Foundation is to address unmet needs in cardiovascular care through the study, design, and development of innovative health care solutions and education of health care providers and the larger public. The Cardiovascular Innovations Foundation is organized and operated exclusively for charitable, scientific, and educational purposes within the meaning of Section 501(c)(3) of the Internal Revenue Code.

Cardiovascular Innovations Foundation
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Denver, CO 80206
Phone: (303) 398-7023

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cvinnovations2017@gmail.com

Ellen Brinza, Faculty and Program Coordinator,
ellenkbrinza@gmail.com

Watch for the next CVI meeting to be held July 26-28, 2018, in Denver, Colorado!
Meeting Location

GRAND HYATT HOTEL
1750 Welton Street
Denver, Colorado 80202

FLOOR PLAN
Grand Hyatt Denver Floors

3rd Floor

2nd Floor

Lobby Level
Meeting Location

FLOOR PLAN
Atrium Tower
Pinnacle Club—38th Floor

Grand Hyatt Conference Center—2nd Floor
Educational and Fellowship Grant Support

AstraZeneca Pharmaceuticals LP
Abbott Vascular
Abiomed, Inc
Bard Peripheral Vascular, Inc
Boston Scientific Corporation
Chiesi USA, Inc
Cook Medical, LLC

Edwards Lifesciences, LLC
Intact Vascular
Medicure, Inc
Medtronic, Inc
Spectranetics
St. Jude Medical, Inc (now Abbott)

Cardiovascular Innovations acknowledges an in-kind educational grant for partial support of this activity from Cardiovascular Systems, Inc, Bioskills Lab.

Cardiovascular Innovations Staff

The Cardiovascular Innovations Foundation is supported by key individuals who assist with logistics, funding, communications, advertising, and faculty and travel management:

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Co-Chair, Harrington Heart & Vascular Institute
Director, Cardiovascular Interventional Center
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University Hospitals of Cleveland

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Director, Center for Valve and Structural Heart Disease
Minneapolis Heart Institute at Abbott Northwestern Hospital
Valve Science Center, Minneapolis Heart Institute Foundation
Faculty

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Subasit Acharji, MD
Tayo Addo, MD
Gorav Ailawadi, MD
M. Chadi Alraies, MD
Mohammad Ansari, MD
Ehrin Armstrong, MD
Guilherme Attizzani, MD
Vasilis Babaliaros, MD
J. Michael Bacharach, MD
Richard Bae, MD
Subhash Banerjee, MD
Christian Bianchi, MD
Georjeanne Botek, DPM
K. Dean Boudoulas, MD
Emmanouil S. Brilakis, MD, PhD
David L. Brown, MD
Matthew Bunte, MD
M. Nicholas Burke, MD
Mark Burket, MD
Teresa Carman, MD
John Carroll, MD
Ian Cawich, MD
Anson Cheung, MD
Adnan Chhatriwalla, MD
Mauricio Cohen, MD
Tony Dae, MD
Stavros G. Drakos, MD, PhD
Danny Dvir, MD
Alik Faber, MD
Ted Feldman, MD
Sameer Gafoor, MD
Santiago Garcia, MD
Kirk Garratt, MD, PhD
Mario Goessl, MD
Jaafer Golzar, MD
Philip Goodney, MD
Bruce Gray, DO
Adam Greenbaum, MD
Jerrold Grodin, MD
Mayra Guerrero, MD
Rajiv Gulati, MD
Hitinder Gurm, MD
Ben He, MD, PhD
Steve Henao, MD
Timothy Henry, MD
Gustavo Heresi-Devila, MD
David R. Holmes, Jr, MD
Michael Jaff, DO
Farouc Jaffer, MD, PhD
Michael Jessen, MD
Schuyler Jones, MD
Navin Kapur, MD
Saibal Kar, MD
Houman Khalili, MD
Jaikirshan Khatri, MD
Susheel Kodali, MD
Raghu Kolluri, MD
Gautam Kumar, MD
Dharam Kumbhani, MD
Norman Kumins, MD
Dhanunjaya Lakireddy, MD
Alexandra Lansky, MD
Arthur Lee, MD
Nicholas Lembo, MD
Brian Lepow, DPM
John Lesser, MD
Michael Luna, MD
Ehtisham Mahmud, MD
Michael Maier, DPM
Chris Meduri, MD
Roxana Mehran, MD
John Messenger, DO
Issam Moussa, MD
Muhammad Munawar, MD
Muinier Nazzal, MD
Srihari Naidu, MD
Khursow Niazi, MD
Manish Parikh, MD
Sahil Parikh, MD
Wesley Pedersen, MD
Constantino Pena, MD
Ashish Pershad, MD
Jeffrey Popma, MD
Anand Prasad, MD
Matthew Price, MD
Bala Ramanan, MD
Sunil Rao, MD
Andrew N. Rassi, MD
Mahmood Razavi, MD
Michael Reardon, MD
Mark Reisman, MD
Stephane Rinfret, MD
Kevin Rogers, MD
Kenneth Rosenfield, MD
Carlos Ruiz, MD, PhD
John Rundback, MD
Sheila Rundback, MD
Habib Samady, MD
Yader Sandoval, MD
Maurice Sarano, MD
Jacqueline Saw, MD
Andrej Schmidt, MD
Gregory Schwartz, MD
Arnold Seto, MD
Nicolas Shammas, MD
Mohsen Sharifi, MD
Mehdi H. Shishehbor, DO, PhD
Kendrick Shunk, MD
Gagan Singh, MD
Christopher Smolock, MD
Paul Sorajja, MD
Peter Soukas, MD
Tony Spaedy, MD
Timothy Sullivan, MD
Rakesh Suri, MD, PhD
Thomas Todoran, MD
Magdiel Trinidad, MD
Shirling Tsai, MD
Mani Vannan, MD
Minh Vo, MD
Stephen Waldo, MD
Dominik Wiktor, MD
Robert Yeh, MD
Firas Zahr, MD
# Program

**THURSDAY, AUGUST 3, 2017**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:30 AM</td>
<td>REGISTRATION OPENS</td>
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<tr>
<td>6:45-7:45 AM</td>
<td>SATELLITE BREAKFAST SYMPOSIA</td>
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<tr>
<td>COLORADO BALLROOM</td>
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<tr>
<td>7:45-8:00 AM</td>
<td>WELCOME AND INTRODUCTION</td>
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<td>8:00-10:00 AM</td>
<td>FRONTIERS IN VENOUS INTERVENTION</td>
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<td></td>
<td><strong>Moderators</strong> Mahmood Razavi, MD; Raghu Kolluri, MD</td>
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<td>(8 min presentations)</td>
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<td></td>
<td>Chronic Venous Dysfunction and PTSD Teresa Carman, MD</td>
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<td>Ultrasound Evaluation of Lower Limb Superficial Veins Subasit Acharji, MD</td>
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<td>My Choice and Approach for Endovenous Ablation Raghu Kolluri, MD</td>
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<td>Indications and Outcomes for Iliac Vein Stenting – Chronic and Acute Mahmood Razavi, MD</td>
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<td>Case Selection and Technical Consideration When Treating Chronic Venous Occlusion Munier Nazzal, MD</td>
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<td></td>
<td>Does Catheter-Directed Thrombolysis for Iliofemoral DVT to Prevent Postthrombotic Syndrome? Mohsen Sharifi, MD</td>
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<td>Pulmonary Embolism Response team – How and Why Gustavo Heresi-Devila, MD</td>
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<td>Catheter-Based Treatment Options for Pulmonary Embolism Dharam Kumbhani, MD</td>
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<td>Interventional Treatment of Chronic Thromboembolic Pulmonary Hypertension Ehtisham Mahmud, MD</td>
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<td>Panel Discussion All Speakers</td>
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<tr>
<td>10:00-10:30 AM</td>
<td>BREAK AND EXHIBITS</td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>CURRENT NEEDS FOR MITRAL DISEASE</td>
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<td><strong>Moderators</strong> Maurice Sarano, MD; Rakesh Suri, MD</td>
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<td>(9 min presentations)</td>
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<tr>
<td></td>
<td>The Public Health Crisis of Mitral Regurgitation Adnan Chhatriwalla, MD</td>
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<td>The Evolving Landscape of Mitral Therapy Ted Feldman, MD</td>
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<td>Importance of Early Referral in Mitral Regurgitation Maurice Sarano, MD</td>
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<td>Robotics Should be in Everyone’s Wheelhouse Rakesh Suri, MD</td>
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<td>Are Paravalvular Leaks Going to be a Problem for TMVR? Carlos Ruiz, MD PhD</td>
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<td>The Challenges of Adopting New Mitral Techniques Andrew N. Rassi, MD</td>
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</tbody>
</table>
COLORADO BALLROOM

Insights From the Commercial Experience With MitraClip Paul Sorajja, MD
Imaging Challenges for Mitral Regurgitation: Primary, Secondary, or Mixed? Mani Vannan, MD
Panel Discussion All Speakers

11:30 AM-12:00 PM ABSTRACT POSTER VIEWING

12:00-1:00 PM SATELLITE LUNCH SYMPOSIA

1:00-3:00 PM AORTIC INTERVENTION

Moderators J. Michael Bacharach, MD; Norman Kumins, MD; Christopher Smolock, MD
(8 min presentations)

Open Versus Endovascular Repair for AAA – How I Decide Christopher Smolock, MD
CT Evaluation of AAA: Tips and Tricks for Procedural Planning Shirling Tsai, MD
Case Selection and Current Devices for AAA J. Michael Bacharach, MD
Polymer Approaches to EVAR: Ovation Stent Graft and Nellix Endobags Steve Henao, MD
Treatment of Endoleaks: When and How to Intervene Norman Kumins, MD
How Do We Obtain the Best Long-Term Results From EVAR? Bala Ramanan, MD
Snorkels, Periscopes, and Fenestrated Devices for Complex EVAR J. Michael Bacharach, MD
Preserving Hypogastric Flow: Branched Iliac Stent Grafts Steve Henao, MD
TEVAR for Type II Aortic Dissection – When and Why Norman Kumins, MD
Complex EVAR – A Case-Based Discussion Magdiel Trinidad, MD

3:00-3:30 PM BREAK AND EXHIBITS

3:30-5:00 PM MASTERS’ APPROACH TO CRITICAL LIMB ISCHEMIA I

Moderators Mehdi H. Shishehbor, DO, PhD; John Rundback, MD
(7 min presentations)

Epidemiology and Prognosis of CLI Michael Jaff, DO
ABCs of LE Wound Assessment Michael Maier, DPM
WIFI and Beyond, How to Classify Wounds Ehrin Armstrong, MD
Noninvasive Assessment of CLI (US, CTA, MRA) Constantino Pena, MD
THURSDAY, AUGUST 3, 2017 (continued)

COLORADO BALLROOM

- Perfusion Assessment in CLI Mehdi H. Shishehbor, DO, PhD
- How to Build a Multidisciplinary Limb Salvage Program Peter Soukas, MD
- How to Decide Between Open or Endo – Surgeons’ Perspective Timothy Sullivan, MD
- How to Decide Between Open or Endo – Interventionalists’ Perspective John Rundback, MD
- Year in Review – High-Impact Publications in CLI Subhash Banerjee, MD
- Masters’ Advice on Building a CLI Practice Tony Das, MD
- Panel Discussion Michael Jaff, DO; Michael Maier, DPM; Ehrin Armstrong, MD; Constantino Pena, MD; Mehdi H. Shishehbor, DO, PhD; Peter Soukas, MD; Timothy Sullivan, MD; John Rundback, MD; Subhash Banerjee, MD; Tony Das, MD

ASPEN BALLROOM

8:00-9:00 AM CURRENT NEEDS IN AORTIC TRANSCATHETER THERAPY
Moderators Susheel Kodali, MD; Paul Sorajja, MD
(10 min presentations)

- What Does the Field of Transcatheter Therapy Need Now? Susheel Kodali, MD
- Lessons Learned From the STS/ACC TVT Registry David R. Holmes, Jr, MD
- Is Durability a Problem for TAVR Valves? Danny Dvir, MD
- What Is Cohort C When TAVR Is So Easy? David L. Brown, MD
- Stroke Prevention With Device Therapy Susheel Kodali, MD
- Panel Discussion All Speakers

9:00-10:00 AM LIVE STRUCTURAL HEART DISEASE CASE Telecast from University of Washington Mark Reisman, MD
Moderator Mario Goessl, MD
Panelists Susheel Kodali, MD; Ted Feldman, MD; Vasilis Babaliaros, MD; Danny Dvir, MD; Guilherme Attizzani, MD; Adnan Chhatriwalla, MD

10:00-10:30 AM BREAK AND EXHIBITS

10:30 AM-12:00 PM LIVE PERIPHERAL CASES Telecast from Greenville Health System Bruce Gray, DO
Moderator Ehrin Armstrong, MD
Panelists Jian Cawich, MD; Peter Soukas, MD; Christopher Smolock, MD; Alik Farber, MD; Tony Das, MD; Munier Nazzal, MD; Christian Bianchi, MD
Program

THURSDAY, AUGUST 3, 2017 (continued)

<table>
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<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>12:00-1:00 PM</td>
<td><strong>SATellite Lunch Symposium</strong></td>
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<td>1:00-3:00 PM</td>
<td><strong>Live Coronary Cases Telecast from the University of Washington</strong></td>
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<tr>
<td>Moderator</td>
<td>Emmanouil S. Brilakis, MD, PhD</td>
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<td>Panelists</td>
<td>M. Nicholas Burke, MD; Mauricio Cohen, MD; Farouc Jaffer, MD; Nicholas Lembo, MD;</td>
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<td>Muhammad Munawar, MD; Stéphane Rinfret, MD; Minh Vo, MD</td>
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<td></td>
<td>Advanced Retrograde Troubleshooting Farouc Jaffer, MD, PhD</td>
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<td>Resolving Proximal Cap Ambiguity Minh Vo, MD</td>
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<td>3:00-3:30 PM</td>
<td><strong>Break and Exhibits</strong></td>
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<td>3:30-5:00 PM</td>
<td><strong>Chip Part 1: The Foundation of Chronic Total Occlusion PCI</strong></td>
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<tr>
<td>Moderators</td>
<td>Stéphane Rinfret, MD; Tony Spaedy, MD</td>
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<td>Panelists</td>
<td>Jaikirshan Khatri, MD; Ashish Pershad, MD; Tony Spaedy, MD</td>
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<td>Who Should Undergo CTO PCI Robert Yeh, MD</td>
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<td>CTO PCI: Tools of the Trade Michael Luna, MD</td>
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<td>How to Review the Angiogram to Guide Strategy Jaikirshan Khatri, MD</td>
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<td>Panel Discussion Robert Yeh, MD; Michael Luna, MD; Jaikirshan Khatri, MD</td>
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<td>Antegrade Dissection/Re-entry: Step-by-Step M. Nicholas Burke, MD</td>
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<td>Retrograde: Step-by-Step Farouc Jaffer, MD, PhD</td>
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<td>The Hybrid Approach Stéphane Rinfret, MD</td>
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<td>Building a CTO Program: A to Z Nicholas Lembo, MD</td>
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<td>Panel Discussion M. Nicholas Burke, MD; Farouc Jaffer, MD; Stéphane Rinfret, MD; Nicholas Lembo, MD</td>
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MAROON PEAK ROOM

8:00-10:00 AM **Complex Coronary Case Presentations**

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<tr>
<th>Time</th>
<th>Event Description</th>
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<tr>
<td>9:00-10:00 AM</td>
<td><strong>Complication Bootcamp, Part 1</strong></td>
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<tr>
<td>Moderators</td>
<td>Emmanouil S. Brilakis, MD, PhD; Minh Vo, MD</td>
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<td>Panelists</td>
<td>Mazen Abu-Fadel, MD; Timothy Henry, MD; Houman Khalili, MD; Michael Luna, MD; Ehtisham Mahmud, MD; Anand Prasad, MD</td>
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<td>How to Treat Acute Vessel Closure Houman Khalili, MD</td>
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<td>How to Prevent and Treat Distal Embolization Anand Prasad, MD</td>
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</table>
MAROON PEAK ROOM

How to Treat Large Vessel Coronary Perforation Michael Luna, MD
How to Treat Distal Vessel Coronary Perforation Minh Vo, MD
How to Approach Coronary Stent Loss Emmanouil S. Brilakis, MD, PhD
How to Treat STEMI Complications Timothy Henry, MD
How to Prevent Radiation Skin Injury Ehtisham Mahmud, MD
How to Prevent and Treat Arterial Access Complications Mazen Abu Fadel, MD
Panel Discussion All Speakers

10:00-10:30 AM BREAK AND EXHIBITS

10:30 AM-
12:00 PM COMPLEX CORONARY DISEASE PRESENTATIONS

COMPLICATION BOOTCAMP, PART 2: MY WORST COMPLICATION...
Moderators Tony Spaedy, MD; Jerrold Grodin, MD
Panelists K. Dean Boudoulas, MD; Santiago Garcia, MD; Jaikirshan Khatri, MD; Ashish Pershad, MD;
Kendrick Shunk, MD
(10 min presentations)

Case 1 Ashish Pershad, MD
Case 2 Kendrick Shunk, MD
Case 3 Santiago Garcia MD
Case 4 Yader Sandoval, MD
Case 5 Sheila Sahni, MD
Case 6 M. Chadi Alraies, MD

THURSDAY, AUGUST 3, 2017, SATELLITE SYMPOSIA

6:45 AM BREAKFAST Showcasing Supera - Treating Complex Femoropopliteal Peripheral Artery Disease (Sponsored by Abbott Vascular) (MAROON PEAK ROOM)
BREAKFAST Why Precision and Durability Matter in Tortuous SFA and Proximal Popliteal Anatomy: Gore® Tigris® Vascular Stent (Sponsored by Gore) (MT. OXFORD ROOM)

12:00 PM LUNCH A Changing Approach to Percutaneous Hemodynamic Support: Decisions, Devices, and Results (Sponsored by Abiomed) (COLORADO BALLROOM)
LUNCH The Emerging Role of Atherectomy in the Era of Drug Elution (Sponsored by Boston Scientific) (ASPEN BALLROOM)

7:00 PM DINNER Advancing Treatment Strategies for Severe Calcium and Orbital Atherectomy in Complex, High-Risk Patients (Sponsored by CSI) (ASPEN BALLROOM)
DINNER New Frontiers in Treating Structural Heart Disease: A Case-Based Program for LAAC and TAVR (Sponsored by Boston Scientific) (COLORADO BALLROOM)

For symposia details, see listings beginning on page 22.
THURSDAY, AUGUST 3, 2017 (continued)

MAROON PEAK ROOM

12:00-1:00 PM SATELLITE LUNCH SYMPOSIA

1:00-3:00 PM UNCERTAINTIES IN AORTIC DISEASE
Moderators Mario Goessl, MD; Susheel Kodali, MD
(25 min presentations, followed by 10 min discussion)

Debate #1: Suitability of TAVR for All Patients
TAVR is an All Comers Therapy Michael Reardon, MD
SAVR is Still Relevant and Needed for Many Mario Goessl, MD

Debate #2: Imaging for Procedure Planning With TAVR
Contrast CT is Always Needed John Lesser, MD
Go Without Contrast and Use TEE Mani Vannan, MD

3:00-3:30 PM BREAK AND EXHIBITS

3:30-5:00 PM PERIPHERAL CHALLENGING CASE COMPETITION – FINALISTS
Moderators: Ehrin Armstrong, MD; Mehdi H. Shishehbor, DO, PhD; Subhash Banerjee, MD

All case presenters (in addition to finalists) are invited to be recorded live in the on-site studio. Please reserve your timeslot (August 3-5) at the meeting registration desk.

FRIDAY, AUGUST 4, 2017

7:00-8:00 AM BREAKFAST SYMPOSIA

COLORADO BALLROOM

8:00-10:00 AM CHIP PART 2: HEMODYNAMIC SUPPORT, CALCIFICATION, AND BIFURCATIONS
Moderators Srihari Naidu, MD; Sunil Rao, MD
Panelists Mauricio Cohen, MD; Kendrick Shunk, MD
(7 min presentations)

Hemodynamic Support: Why and When? Srihari Naidu, MD
Team Approach to Cardiogenic Shock: Why and How? Stavros G. Drakos, MD, PhD
Impella, Tandem Heart, ECMO: Step-by-Step and Troubleshooting Navin Kapur, MD
Right Ventricular Support: When and How Adam Greenbaum, MD
Management of Severe Coronary Calcification Ashish Pershad, MD
Coronary Atherectomy: Tips and Tricks Sunil Rao, MD
Antiplatelet Therapy Post PCI Roxana Mehran, MD
Why PCI Will Become the Main Modality for Treating Left Main Lesions Emmanouil S. Brilakis, MD, PhD
COLORADO BALLROOM

Treating the STEMI Patient: Tips and Tricks  *Timothy Henry, MD*

Panel Discussion  *All Panelist and Speakers*

**10:00-10:30 AM BREAK AND EXHIBITS**

**10:30 AM-12:00 PM**

**FEMOROPOPITEAL AND TIBIAL CTO**

**Moderators**  *Ehrin Armstrong, MD; Kevin Rogers, MD* (10 min presentations)

- **My Approach to Crossing SFA Occlusions**  *John Rundback, MD*
- **CTO Devices for SFA Occlusion**  *Nicolas Shammas, MD*
- **Re-Entry in the SFA**  *Sahil Parikh, MD*
- **Economics of CTO Devices**  *Mark Burket, MD*
- **Wire-Catheter vs CTO Crossing Devices**  *Subhash Banerjee, MD*
- **Luminal vs Subintimal Crossing**  *Arthur Lee, MD*
- **What Can We Learn From Coronary CTO Programs**  *Emmanouil S. Brilakis, MD, PhD*

Panel Discussion  *All Speakers*

**11:30 AM-12:00 PM**

**ABSTRACT POSTER VIEWING**

**12:00-1:00 PM**

**SATELLITE LUNCH SYMPOSIA**

**1:00-3:00 PM**

**MASTERS’ APPROACH TO CRITICAL LIMB ISCHEMIA II**

**Moderators**  *Subhash Banerjee, MD; Ehrin Armstrong, MD* (9 min presentations)

- **Alternative Access – Why, When**  *Mehdi H. Shishehbor, DO, PhD*
- **Tibiopedal Access – Ultrasound Guided**  *Jaafar Golzar, MD*
- **Tibiopedal Access – Fluoroscopic Guided**  *Arthur Lee, MD*
- **Extreme Pedal and Digital Access – How**  *Peter Soukas, MD*
- **Retrograde SFA, Popliteal, and via Stent**  *Ehrin Armstrong, MD*
- **Case-Based Discussion: Revascularization of Complex Infrapopliteal Disease With Tibiopedal Access**  *Kevin Rogers, MD*
- **Case-Based Discussion: Brachial Access for Complex Aortoiliac Disease**  *Munier Nazzal, MD*
FRIDAY, AUGUST 4, 2017 (continued)

COLORADO BALLROOM

Case-Based Discussion: Retrograde SFA Access for a Challenging SFA Occlusion Jaafer Golzar, MD

Case-Based Discussion: How to Approach an SFA Ostial Occlusion Without a Stump Subhash Banerjee, MD

3:00-3:30 PM BREAK AND EXHIBITS

3:30-5:00 PM INNOVATIONS IN MITRAL THERAPY

Moderators Gorav Ailawadi, MD; Mayra Guerrero, MD
Panelists Paul Sorajja, MD; John Lesser, MD; Anson Cheung, MD
(7 min presentations)

Procedural Planning for TMVR With CT John Lesser, MD
The Medtronic Intrepid: What’s Coming Michael Reardon, MD
Tendyne Transcatheter MVR: Global Feasibility Results Paul Sorajja, MD
CardiaQ: Transseptal and Transapical MVR David L. Brown, MD
Transcatheter MVR for MAC Mayra Guerrero, MD
Annular Reduction With Cardioband David L. Brown, MD
Novel Mitral Leaflet Repair for TMVR Adam Greenbaum, MD
Echo-fluoro Navigation for Successful Transcatheter Therapy John Carroll, MD
Tiara for Mitral Regurgitation Anson Cheung, MD
Complex Repair of Mitral PVL Carlos Ruiz, MD, PhD

ASPEN BALLROOM

8:00-10:00 AM LIVE PERIPHERAL CASES Telecast from Park Hospital, Leipzig, Germany Andrej Schmidt, MD
Moderator Subhash Banerjee, MD
Panelists Ian Cawich, MD; John Rundback, MD; Mehdi H. Shishehbor, DO, PhD; Ehrin Armstrong, MD; Khusrow Niazi, MD; Munier Nazzal, MD; Christian Bianchi, MD

10:00-10:30 AM BREAK AND EXHIBITS

10:30-11:00 AM INNOVATIONS IN AORTIC VALVES

Moderators Michael Reardon, MD; Ted Feldman, MD
(7 min presentations)

The Nuances of the Imaging for Procedural Planning John Lesser, MD
A Sapien Generation: Using the First and the Best Susheel Kodali, MD
FRIDAY, AUGUST 4, 2017 (continued)

ASPERN BALLROOM

**Evolut Pro: A Legacy of Superior Outcomes** Jeffrey Popma, MD

**The Lotus Edge: A State-of-the-Art Prosthesis** Ted Feldman, MD

11:00 AM-

**LIVE STRUCTURAL HEART DISEASE CASE Telecast from Henry Ford Hospital**

**Moderators** Michael Reardon, MD; Ted Feldman, MD

**Panelists** Gorav Ailawadi, MD; David L. Brown, MD; Danny Dvir, MD; Susheel Kodali, MD; Jeffrey Popma, MD; Paul Sorajja, MD; John Lesser, MD

12:00-1:00 PM SATELLITE LUNCH SYMPOSIA

1:00-2:00 PM CHIP PART 3: ADVANCED CTO PCI

**Moderators** Emmanouil S. Brilakis, MD, PhD; Tony Spaedy, MD

**Panelists** Mauricio Cohen, MD; Farouc Jaffer, MD, PhD; Jaikirshan Khatri, MD; Stéphane Rinfret, MD; (10 min presentations)

Radial CTO PCI Stéphane Rinfret, MD

CTO PCI With Hemodynamic Support Tony Spaedy, MD

1:00-3:00 PM LIVE CORONARY CASE Telecast from Henry Ford Hospital

**Moderator** Emmanouil S. Brilakis, MD, PhD

**Panelists** Mauricio Cohen, MD; Ben He, MD, PhD; Farouc Jaffer, MD, PhD; Jaikirshan Khatri, MD; Stéphane Rinfret, MD; Tony Spaedy, MD

3:00-3:30 PM BREAK AND EXHIBITS

3:30-5:00 PM MASTERS’ APPROACH TO CRITICAL LIMB ISCHEMIA III

**Moderators** Kenneth Rosenfield, MD; Alik Farber, MD

(10 min presentations)

Surgical Workup of CLI Patients – What I Want to Know Christian Bianchi, MD

BEST Trial – Purpose and Perspective Kenneth Rosenfield, DO

My Approach to CLI – When to Offer Surgery Timothy Sullivan, MD

Surgical Conduits, SVG, PTFE, and Hybrids Christian Bianchi, MD

Prevention of Ulcer Recurrence – Podiatry Perspective Michael Maier, DPM

Mixed Arterial and Venous Disease – How to Approach Alik Farber, MD

Extreme Surgical Options for Wound Repair Brian Lepow, DPM
FRIDAY, AUGUST 4, 2017 (continued)

ASPEN BALLROOM

Hybrid Approach to LE Revascularization Norman Kumins, MD

Extreme CLI: A Case-Based Discussion Presenter: Matthew Bunte, MD; Discussants: All Speakers

MAROON PEAK ROOM

8:00-10:00 AM A RAPID FIRE OF DIFFICULT AORTIC VALVE CASES
Moderators Ted Feldman, MD; Vasilis Babaliaros, MD
(7 min presentations)

Don’t Try This at Home Vasilis Babaliaros, MD

The Transcaval Approach to TAVR Adam Greenbaum, MD

How I Managed a Difficult Sapien TAVR Case M. Chadi Alraies, MD

TAVR Complication Surprise Susheel Kodali, MD

What Do I Do With Severe Calcification and My Lotus Valve Ted Feldman, MD

How I Managed a Difficult CoreValve TAVR Case Jeffrey Popma, MD

I Couldn’t Get Out of This One David L. Brown, MD

An Avoidable Surgical Conversion Michael Reardon, MD

Catheter-Based Ross Replacement Therapy Dominik Wiktor, MD

Valve-in-Valve Therapy: Which Valve for Which Prosthesis Danny Dvir, MD

Dilating Severe LVOT Calcification Wesley A. Pedersen, MD

My Rich Emotional Experience Doing TAVR Firas Zahr, MD

10:00-10:30 AM BREAK AND EXHIBITS

FRIDAY, AUGUST 4, 2017, SATELLITE SYMPOSIA

7:00 AM BREAKFAST Complex PCI With Hemodynamic Support: A Case-Based Approach – In Partnership With Abiomed (Sponsored by Boston Scientific) (ASPEN BALLROOM)

BREAKFAST Precision Coronary Interventions: The Evolving Role of Physiology and Imaging (Sponsored by ACIST) (MT. OXFORD ROOM)

12:00 PM LUNCH Complex PCI (Sponsored by Abbott Vascular) (COLORADO BALLROOM)

LUNCH Vessel Preparation and Antirestenotic Treatment Strategies: Let Evidence Guide Practice (Sponsored by Medtronic) (ASPEN BALLROOM)

7:00 PM DINNER Impella: Appropriate Use and Patient Identification (Sponsored by Abiomed) (CAPITOL PEAK ROOM, 38th floor)

DINNER Transcatheter Mitral Valve Repair (Sponsored by Abbott Vascular) (CRYSTAL PEAK ROOM, 38th floor)

For symposia details, see listings beginning on page 22.
### MAROON PEAK ROOM

#### FRIDAY, AUGUST 4, 2017 (continued)

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>10:30 AM-12:00 PM</td>
<td>COMPLEX CORONARY DISEASE PRESENTATIONS</td>
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<tr>
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<td>MY BEST SAVE OF THE YEAR…</td>
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<td><strong>Moderators</strong> Ehtisham Mahmud, MD; John Messenger, MD</td>
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<td><strong>Panelists</strong> Tayo Addo, MD; Ben He, MD, PhD; Michael E. Jessen, MD; Ashish Pershad, MD</td>
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<td></td>
<td>(10 min presentations)</td>
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<td></td>
<td>Case 1 Rajiv Gulati, MD</td>
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<td>Case 2 Arnold Seto, MD</td>
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<td>Case 3 Mazen Abu-Fadel, MD</td>
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<td>Case 4 Mauricio Cohen, MD</td>
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<td>Case 5 Navin Kapur, MD</td>
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<td>12:00-1:00 PM</td>
<td>When I Will Bail You Out and When I Will Not! Michael Jessen, MD</td>
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<td>1:00-3:00 PM</td>
<td>SATELLITE LUNCH SYMPOSIA</td>
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<td>DIFFICULT MITRAL CASES: COMPLICATIONS, SAVES, AND WORST OUTCOMES</td>
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<td></td>
<td><strong>Moderators</strong> David L. Brown, MD; John Carroll, MD; Paul Sorajja, MD</td>
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<td></td>
<td>(8 min presentations)</td>
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<td></td>
<td>The Most Number of Clips I Have Placed Gagan Singh, MD</td>
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<td>MitraClip Saved My Patient With Cardiogenic Shock K. Dean Boudoulas, MD</td>
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<td>Barlow’s Valve Clipping: Easy or Difficult? Mani Vannan, MD</td>
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<td>Overcoming Imaging to Get the Procedure Done Richard Bae, MD</td>
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<td>Compassionate Use of Lotus for TMVR Chris Meduri, MD</td>
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<td>Transcatheter Treatment of Postsurgical MR With Mitral Clip Mario Goessl, MD</td>
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<td>Should I Move This Clip? Sameer Gafoor, MD</td>
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<td>My Most Humbling Transcatheter MV Patient Guilherme Attizzani, MD</td>
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<td>Novel Ways to Treat Residual Regurgitation Paul Sorajja, MD</td>
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<td>Challenges of TMVR for Severe MAC Mayra Guerrero, MD</td>
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<td>3:00-3:30 PM</td>
<td>BREAK AND EXHIBITS</td>
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## FRIDAY, AUGUST 4, 2017 (continued)

### MAROON PEAK ROOM

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<tr>
<th>Time</th>
<th>Event</th>
<th>Moderators</th>
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<tbody>
<tr>
<td>3:30-4:00 PM</td>
<td>SOCIAL MEDIA IN CARDIOVASCULAR PRACTICE</td>
<td>M. Chadi Alraies, MD; Sheila Sahni, MD; Yader Sandoval, MD</td>
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<td>4:00-5:00 PM</td>
<td>STRUCTURAL CHALLENGING CASE COMPETITION – FINALISTS</td>
<td>Sameer Gafoor, MD; Paul Sorajja, MD; Christopher Meduri, MD</td>
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</table>

All case presenters (in addition to finalists) are invited to be recorded live in the on-site studio. Please reserve your timeslot (August 3-5) at the meeting registration desk.

## SATURDAY, AUGUST 5, 2017

### COLORADO BALLROOM

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Moderators</th>
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<tbody>
<tr>
<td>8:00-9:00 AM</td>
<td>MASTERS’ APPROACH TO CRITICAL LIMB ISCHEMIA IV</td>
<td>Sahil Parikh, MD; Subhash Banerjee, MD</td>
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<tr>
<td></td>
<td>(7 min presentations)</td>
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<td></td>
<td>Orbital Atherectomy – Why, When, and How? Tony Das, MD</td>
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<td>Turbohawk Atherectomy – Why, When, and How? Khusrow Niazi, MD</td>
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<td>Pantheiris and Image-Guided Atherectomy Ian Cawich, MD</td>
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<td>Panel Discussion All Speakers</td>
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<td>9:00-10:00 AM</td>
<td>SFA TREATMENT OPTIONS</td>
<td>Matthew Bunte, MD; Munier Nazzal, MD</td>
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<td></td>
<td>(9 min presentations)</td>
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<td>Segmentalized Approach to Femoropopliteal Intervention Mehdi H. Shishehbor, DO, PhD</td>
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<td>DCB, When and Why? Stephen Waldo, MD</td>
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<td>DES, When and Why? Constantino Pena, MD</td>
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<td>Viabahn, When and Why? Ian Cawich, MD</td>
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<td>Supera Nitinol Woven Stent, When and Why? Matthew Bunte, MD</td>
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<td>Panel Discussion All Speakers</td>
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**SATURDAY, AUGUST 5, 2017 (continued)**

**COLORADO BALLROOM**

<table>
<thead>
<tr>
<th>TIME</th>
<th>EVENT</th>
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<tbody>
<tr>
<td><strong>10:00-10:30 AM BRAK AND EXHIBITS</strong></td>
<td><strong>MEDICAL THERAPY AND INNOVATION IN PAD</strong></td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td><strong>Moderators</strong> Schuyler Jones, MD; Michael Jaff, DO (8 min presentations)**</td>
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<tr>
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<td>Guideline Recommendations for Antiplatelet Therapy and Evidence Gap Schuyler Jones, MD</td>
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<td>What Is the Right Antiplatelet Therapy Regimen for CLI? Matthew Bunte, MD</td>
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<td>How Can We Optimize Appropriate Medical Therapy of CLI? Stephen Waldo, MD</td>
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<td>Disparities in Amputation and Revascularization in PAD and CLI Schuyler Jones, MD</td>
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<td>Regenerative Therapy for CLI: STOP-PAD Trial Mehdi H. Shishehbor, DO, PhD</td>
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<td>Innovation in Vascular Disease – Why, How, and Where? Alik Farber, MD</td>
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<td>The Impact of CMS, MEDCAC, and Affordable Health Care on PAD and CLI Management Mehdi H. Shishehbor, DO, PhD</td>
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<td><strong>Panel Discussion</strong> Schuyler Jones, MD; Matthew Bunte, MD; Stephen Waldo, MD; Mehdi H. Shishehbor, DO, PhD; Alik Farber, MD</td>
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<tr>
<td><strong>12:00-1:00 PM SATELLITE LUNCH SYMPOSIA</strong></td>
<td><strong>MASTERS’ APPROACH TO CRITICAL LIMB ISCHEMIA V</strong></td>
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<td>1:00-3:00 PM</td>
<td><strong>Moderators</strong> Ehrin Armstrong, MD; Mehdi H. Shishehbor, DO, PhD; Subhash Banerjee, MD (10 min presentations)**</td>
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<td>Prevention of Ulcer Recurrence, Podiatry Perspective Teresa Carman, MD</td>
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<td>Postintervention Testing (ABI, US) Constantino Pena, MD</td>
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<td>What Is a Functional Amputation? Georgeanne Botek, DPM</td>
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<td>My Worst Iliac Complication Mark Burket, MD</td>
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<td>My Worst SFA Complication Mohammad Ansari, MD</td>
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<td>My Worst Tibial Complication Ehrin Armstrong, MD</td>
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<td>My Worst Aortic Complication Christopher Smolock, MD</td>
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<td>My Worst Venous Complication Mohsen Sharifi, MD</td>
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<td><strong>3:00 PM</strong></td>
<td><strong>ADJOURNMENT</strong></td>
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SATURDAY, AUGUST 5, 2017 (continued)

**ASPEN BALLROOM**

8:00-10:00 AM **INNOVATIONS IN PERCUTANEOUS CORONARY INTERVENTION**

**Moderators** Emmanouil S. Brilakis, MD, PhD; Habib Samady, MD

(8 min presentations)

- **Optimal Anticoagulation During PCI** Sunil Rao, MD
- **How to Treat Balloon Uncrossable and Undilatable Lesions** Emmanouil S. Brilakis, MD, PhD
- **Will PCSK9 Inhibitors Render PCI Obsolete?** Gregory Schwartz, MD
- **Preventing Contrast Nephropathy** Hitinder Gurm, MD
- **Contrast Selection in the Real World** Thomas Todoran, MD

**Panel Discussion** Emmanouil S. Brilakis, MD, PhD; Sunil Rao, MD; Gregory Schwartz, MD; Hitinder Gurm, MD; Thomas Todoran, MD

**Fractional Flow Reserve Update** Habib Samady, MD

**Coronary Imaging** Arnold Seto, MD

**Robotic PCI** Manish Parikh, MD

**NCDR Update** John Messenger, MD

**Radial PCI** Rajiv Gulati, MD

**Radial PCI: East Meets West** Ben He, MD, PhD

**Panel Discussion** Habib Samady, MD; Arnold Seto, MD; Manish Parikh MD; John Messenger, MD; Rajiv Gulati, MD; Ben He, MD, PhD

10:00-10:30 AM **BREAK AND EXHIBITS**

10:30 AM-12:00 PM **THE LEFT ATRIAL APPENDAGE: COMING TO YOU EVERYWHERE**

**Moderators** Matthew Price, MD; Jacqueline Saw, MD

(10 min presentations)

- **Imaging of the Appendage: CT, TEE, ICE** Santiago Garcia, MD
- **Translating the Echo to Fluoro and Back** John Carroll, MD
- **Getting Started in LAA Closure Therapy: Logistics and Challenges** Mario Goessl, MD
- **Watchman: The Most Established Therapy for Closure** Matthew Price, MD
SATURDAY, AUGUST 5, 2017 (continued)

ASPEN BALLROOM

Clinical Results of the LARIAT Device Dhanunjaya Lakkireddy, MD
The Need for Other Devices for Closure Gagan Singh, MD
Don’t Forget About Medical Therapy: NOACs Work Firas Zahr, MD
Challenging Cases of LAA Closure: Lessons Learned Jacqueline Saw, MD

12:00-1:00 PM SATELLITE LUNCH SYMPOSIA

1:00-3:00 PM NOVEL STENT TECHNOLOGIES
Moderators David R. Holmes, Jr, MD
Panelists Kirk Garratt, MD, PhD; Gautam Kumar, MD; Issam Moussa, MD; Manish Parikh, MD
(15 min presentations)

Benefits and Limitations of the Absorbable Scaffold: Who Should Get It? Ehrin Armstrong, MD
Absorbable Polymer Stents Kirk Garratt, MD, PhD
Current DES Are Great: Do We Really Need New Stents Gautam Kumar, MD
Stent Options for Complex Cases Issam Moussa, MD
The Future of Interventional Cardiology David R. Holmes, Jr, MD

3:00 PM ADJOURNMENT

MAROON PEAK ROOM

8:00-10:00 AM UNCERTAINTIES IN MITRAL THERAPIES
Moderators Paul Sorajja, MD; Gorav Ailawadi, MD
(25 min presentations, followed by 10 min discussion)

Debate #1: Transcatheter vs Surgical Therapy for MR
Transcatheter Therapy Will Compete With Surgery for MR Reduction Paul Sorajja, MD
Minimally Invasive Mitral Repair Will Always Be the Standard of Care Gorav Ailawadi, MD

Debate #2: MV Replacement vs Repair for Secondary MR
Secondary MR needs replacement Paul Sorajja, MD
Repair It! Gorav Ailawadi, MD

10:00-10:30 AM BREAK AND EXHIBITS
## SATURDAY, AUGUST 5, 2017 (continued)

### MAROON PEAK ROOM

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<th>Time</th>
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<tbody>
<tr>
<td>10:30 AM</td>
<td>CORONARY CHALLENGING CASE COMPETITION – FINALISTS</td>
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<td><strong>Moderators</strong> Sunil V. Rao, MD; Manish Parikh, MD</td>
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<td><strong>Panelists</strong> Tayo Addo, MD; Rajiv Gulati, MD; Arnold Seto, MD; Firas Zahr, MD</td>
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<td>All case presenters (in addition to finalists) are invited to be recorded live in the on-site studio. Please reserve your timeslot (August 3-5) at the meeting registration desk.</td>
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<tr>
<td>12:00 PM</td>
<td>SATELLITE LUNCH SYMPOSIA</td>
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<td>1:00-3:00 PM</td>
<td>ILLUSTRATIVE CASES OF SPECIAL STRUCTURAL TECHNIQUES</td>
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<td><strong>Moderators</strong> Ted Feldman, MD; Vasilis Babaliaros, MD; Paul Sorajja, MD</td>
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<td>(10 min presentations)</td>
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<td></td>
<td>How Do I Image the Tricuspid Valve? Richard Bae, MD</td>
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<td>Pseudoaneurysm Therapy Jacqueline Saw, MD</td>
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<td>Congenital Techniques Every Adult Interventionalist Should Know Dominik Viktor, MD</td>
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<td>The True Meaning of the Minimalist Approach David L. Brown, MD</td>
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<td>Novel Application of MitraClip for the Tricuspid Valve Paul Sorajja, MD</td>
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<td>Bioprosthetic Valve Fracture to Facilitate Valve-in-Valve Therapy Adnan Chhatriwalla, MD</td>
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<td>The Transcatheter Heart Rail: Snares and Support Andrew N. Rassi, MD</td>
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<td>Difficult ASD Closure Matthew Price, MD</td>
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<td>Complex Transseptal Puncture Gagan Singh, MD</td>
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<td>Mitralign in the Tricuspid Space Chris Meduri, MD</td>
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<td>3:00 PM</td>
<td>ADJOURNEMENT</td>
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### SATURDAY, AUGUST 5, 2017, SATELLITE SYMPOSIA

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<tr>
<td>7:00 AM</td>
<td>BREAKFAST Clinical Data and Real-World Evidence to Support [NVA/DVT/PE] Treatment Decision-Making (Sponsored by Janssen) (MAROON PEAK BALLROOM)</td>
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<tr>
<td>12:00 PM</td>
<td>LUNCH Next Generation Laser Technology, Expanding Treatment Options (Sponsored by Spectranetics) (ASPEN BALLROOM)</td>
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For symposia details, see listings beginning on page 22.
Satellite Symposia

WEDNESDAY, AUGUST 2, 2017

PRECONFERENCE SYMPOSIA

8:00 AM-12:00 PM       CARDIOGENIC SHOCK: RIGHT PATIENT, RIGHT TREATMENT, RIGHT TIME
                        Grand Hyatt Hotel, Mt. Oxford Room

Program

Case Review – How Would You Treat? Mehdi H. Shishehbor, DO, PhD
Spectrum of Cardiogenic Shock S. Hollenberg, MD
Treatment Options for CS Emmanouil S. Brilakis, MD, PhD
Navigating Systems of Care John Messenger, MD
Case – How the Patient Was Treated Mehdi H. Shishehbor, DO, PhD
Case Presentation – ECLS John Messenger, MD
Open Discussion and Key Learnings Mehdi H. Shishehbor, DO, PhD

Hands-On Stations
- Cardiohelp – Troubleshooting the Device
- Cannulation – Hands on Practice
- IABP – Bedside Insertion and IABP Pump Management
- Oxygenation Options – Different Methods of Oxygenating Your Patient

Capacity: 30
Sponsored by Getinge
RSVP to: Joie Meikle, joie.meikle@getinge.com

8:00 AM-4:00 PM     IMPELLA COURSE
                        Denver VA Hospital, 1055 Clermont St. (8:00 AM-12:00 PM); Grand Hyatt Hotel, Crestone Peak Room (12:00 PM-4:00 PM)

Capacity: 20
Sponsored by Abiomed
RSVP to: Lillian Palmer, lpalmer@abiomed.com

8:00 AM-5:00 PM    TAVR FUNDAMENTALS
                        Grand Hyatt Hotel, Maroon Peak Room

Faculty Paul Sorajja, MD; Susheel Kodali, MD; Mark Russo, MD

TAVR History and Data Highlights
Valve Clinic Structure and Patient Screening/Evaluation
Break and Hands-On Device Demo
Transfemoral Procedure, Device Overview, Case Review
Valve-in-Valve Procedure, Case Review
Alternative Access Procedure, Device Overview, Case Review
Complex Cases and Complications
Transitioning to a TAVR Center
TAVR Health Economics/Reimbursement Considerations
WEDNESDAY, AUGUST 2, 2017 (continued)

11:45 AM-5:00 PM  HANDS-ON TRANSSEPTAL COURSE
Grand Hyatt Hotel, Mt. Yale Room

Faculty Gagan Singh, MD; Paul Sorajja, MD; John Carroll, MD; Douglas Shook, MD

Didactics
Porcine Heart Dissection
Hands-On Stations:
• Simbionix Transseptal Simulator
• Heartworks TEE Simulator
• Transseptal Wet Models

Capacity: 18
Sponsored by Baylis Medical, Boston Scientific, and Siemens Healthineers
RSVP to: education@baylismedical.com or www.baylismedical.com/tspcourses

4:30-6:00 PM  CASE-BASED DISCUSSION ON DIAGNOSIS, PATIENT SELECTION, CROSSING, AND TREATMENT FOR COMPLEX CRITICAL LIMB ISCHEMIA PATIENTS
Grand Hyatt Hotel, Mt. Elbert Room

Faculty Mehdi H. Shishehbor, DO, MPH, PhD
An open forum with audience participation discussing all aspects of diagnosis and management of patients with complex critical limb ischemia, including alternative femoral, tibial, and pedal access.

Capacity: 100
Sponsored by Terumo
RSVP to: Christina Schillizzi, christina.schillizzi@terumomedical.com

6:00-9:30 PM  INNOVATION SUMMIT
Grand Hyatt Hotel, Mt. Elbert Room

Faculty Mehdi H. Shishehbor, DO, PhD; Subhash Banerjee, MD; Marwane Berrada, MBA; Paul Sorajja, MD

State of Innovation I Health Care: Past, Present, and Future Gary Morgenthaler
Developing the Right Commercialization Strategy Marwane Berrada, MBA
One Early-Stage Investor’s Perspective on Medical Devices Rick Jones, MD, MBA
Transition to Value-based Health Care: What Does It Mean to Innovations? Michael R. Jaff, DO
Understanding IP for Medical Devices Rich S. Wesorick
Device Development – “Getting Started Smart” Tim Blair
Shark Tank Competition (Five Companies) Michael R. Jaff, DO; Ehrin Armstrong, MD; Subhash Banerjee, MD; Emmanouil S. Brilakis, MD, PhD; Paul Sorajja, MD; Marwane Berrada; Mehdi H. Shishehbor, DO, PhD
WHO PRECISION AND DURABILITY MATTER IN TORTUOUS SFA AND PROXIMAL POPLITEAL ANATOMY: GORE® TIGRIS® VASCULAR STENT
Grand Hyatt Hotel, Mt. Oxford Room
Faculty Subhash Banerjee, MD
Sponsored by Gore
RSVP to: Leslie Schmidlin, lschmidlin@wlgore.com

HANDS-ON DEMONSTRATIONS
9:00 AM - 5:00 PM VISIT OUR EXHIBITORS FOR HANDS-ON DEMONSTRATIONS OF THE LATEST SIMULATORS
Grand Hyatt Hotel, Mt. Sopris Room (closed 12:00 PM-1:00 PM)

LUNCH SYMPOSIA
12:00-1:00 PM A CHANGING APPROACH TO PERCUTANEOUS HEMODYNAMIC SUPPORT: DECISIONS, DEVICES, AND RESULTS
Grand Hyatt Hotel, Colorado Ballroom
Moderator Ehrin Armstrong, MD
Choosing MCS Options in AMI Cardiogenic Shock: Rationale for Impella First, Door-to-Support: A New Quality Metric Navin Kapur, MD
Practical Insights for Adding Hemodynamic Support into Your Critical Care Path: The Detroit Cardiogenic Shock Initiative (CSI) Experience Adam Greenbaum, MD
Heart Team Approach to Cardiogenic Shock Navin Kapur, MD
Sponsored by Abiomed
RSVP to: Madeline Caulfield, mcaulfield@abiomed.com
THE EMERGING ROLE OF ATHERECTOMY IN THE ERA OF DRUG ELUTION

Grand Hyatt Hotel, Aspen Ballroom

Program
- Treat It All: Jetstream Atherectomy System for Calcium, Plaque, Thrombus Steve Henao, MD
- Evidence to Support Vessel Prep and Drug Eluting Therapies Nick Shammas, MD
- BSC DE Global Clinical Program Ehrin Armstrong, MD

Sponsored by Boston Scientific
Register: http://www.cvent.com/m5qf66

ADVANCING TREATMENT STRATEGIES FOR SEVERE CALCIUM AND ORBITAL ATHERECTOMY IN COMPLEX, HIGH-RISK PATIENTS

Grand Hyatt Hotel, Aspen Ballroom

Program
- Impact of Severe Coronary Calcium on Clinical Outcomes
- Imaging, Vessel Preparation, and Its Impact on Stent Expansion
- Insights on Clinical Data for Patients With Calcified Lesions
- Case Review: Complex PCI With OAS

Sponsored by CSI
RSVP to: Kirsten Konewko, kkonewko@csi360.com

NEW FRONTIERS IN TREATING STRUCTURAL HEART DISEASE: A CASE-BASED PROGRAM FOR LAAC AND TAVR

Grand Hyatt Hotel, Colorado Ballroom

Moderator Ted Feldman, MD
- Interventional Solutions for Reducing Stroke Risk in NVAF: Closing the LAAC Ashish Pershad, MD
- WATCHMAN Case Studies: Beyond the Ordinary Saibal Kar, MD
- REPRISE III Clinical Data and an Interesting Case With the Lotus Valve Ted Feldman, MD
- The Piedmont Experience: Improving TAVR Outcomes With Technique (Case Example) Christopher Meduri, MD

Sponsored by Boston Scientific
RSVP to: Nicole Debrobander, nicole.debrobander@bsci.com

COMPLEX PCI WITH HEMODYNAMIC SUPPORT: A CASE-BASED APPROACH – IN PARTNERSHIP WITH ABIOMED

Grand Hyatt Hotel, Aspen Ballroom
Satellite Symposia

FRIDAY, AUGUST 4, 2017 (continued)

Moderator Ashish Pershad, MD
Introductory Comments and Antegrade Dissection Re-Entry Case Farouc Jaffer, MD
Multivessel Disease Case With Rotational Atherectomy Ashish Pershad, MD
Unprotected Left Main Case With IVUS Bobby Yeh, MD
Discussion and Closing Remarks

Sponsored by Boston Scientific
RSVP to: Nicole Debrobander, nicole.debrobander@bsci.com

7:00-8:00 AM PRECISION CORONARY INTERVENTIONS: THE EVOLVING ROLE OF PHYSIOLOGY AND IMAGING
Grand Hyatt Hotel, Mt. Oxford Room

Program
Coronary Physiology and Imaging in the Lab: The Best of Times for New Technologies and New Outcomes Emmanouil S. Brilakis, MD, PhD
Approaches to Coronary Physiology: FFR, Contrast FFR, Pd/Pa, and iFR – When to Use What Sunil Rao, MD
Rapid Exchange FFR Microcatheter – the Value in Complex and Post-PCI Arnold Seto, MD
HD-IVUS in Complex PCI – The Advantage of Seeing More David Rizik, MD

Sponsored by ACIST
RSVP to: Emily Wise, Emily.Wise@acistmedical.com

HANDS-ON DEMONSTRATIONS

9:00 AM- VISIT OUR EXHIBITORS FOR HANDS-ON DEMONSTRATIONS OF THE LATEST SIMULATORS
5:00 PM Grand Hyatt Hotel, Mt. Sopris Room (closed 12:00 PM-1:00 PM)

LUNCH SYMPOSIA

12:00-1:00 PM COMPLEX PCI
Grand Hyatt Hotel, Colorado Ballroom

Sponsored by Abbott Vascular
RSVP to: Marianne Pimentel, marianne.pimentel@abbott.com

12:00-1:00 PM VESSEL PREPARATION AND ANTIRESTENOTIC TREATMENT STRATEGIES: LET EVIDENCE GUIDE PRACTICE
Grand Hyatt Hotel, Aspen Ballroom

Faculty Ehrin Armstrong, MD; Mehdi H. Shishehbor, DO, PhD

Sponsored by Medtronic
RSVP to: Azah Tabah, azah.tabah@medtronic.com

FACULTY RECEPTION

6:00-7:00 PM FACULTY RECEPTION
Grand Hyatt Hotel, Crystal and Capitol Peak Foyer
FRIDAY, AUGUST 4, 2017 (continued)

All CVI faculty are invited to attend a reception on the evening of Friday, August 4th.

Sponsored by Spectranetics
RSVP to: Kim Peterson, Kim.Peterson@spnc.com

DINNER SYMPOSIA

7:00 PM  **IMPELLA: APPROPRIATE USE AND PATIENT IDENTIFICATION**
Grand Hyatt Hotel, Capitol Peak Room, 38th Floor

**Moderator** Subhash Banerjee, MD

- Contemporary Data on HRPCI: Are Procedures on the Rise or Declining? Anthony Hilliard, MD
- Basics of Hemodynamic Principles: Introduction to TEACH Dan Burkoff, MD
- What is Protected PCI? Gautam Kumar, MD
- CTO Supported PCI or Atherectomy Supported PCI Emmanouil S. Brilakis, MD, PhD
- UPLM or MVD With Moderately Reduced EF Ehtisham Mahmud, MD
- Essential Elements for Building a Leading Protected PCI Program Ashish Pershad, MD

Sponsored by Abiomed
RSVP to: Lillian Palmer, lpalmer@abiomed.com

7:00 PM  **TRANSCATHETER MITRAL VALVE REPAIR**
Grand Hyatt Hotel, Crystal Peak Room, 38th Floor

**Moderators** Paul Sorajja, MD; Richard Bae, MD

- Imaging for Success With Transcatheter Mitral Valve Repair Mani Vannan, MD
- Optimizing Results With MitraClip Paul Sorajja, MD
- The Essential Role of the Cardiac Surgeon in MitraClip Gorav Ailawadi, MD

Cardiovascular Innovations Foundation acknowledges an educational grant for partial support of this activity from Abbott Vascular. CME accreditation available for this session is made possible through an educational grant from Abbott Vascular.

Register: https://cvi2017transcathetermvr.eventbrite.com

SATURDAY, AUGUST 5, 2017

BREAKFAST SYMPOSIA

7:00-8:00 AM  **CLINICAL DATA AND REAL-WORLD EVIDENCE TO SUPPORT [NVA/DVT/PE] TREATMENT DECISION-MAKING**
Grand Hyatt Hotel, Maroon Peak Room

Arnold Seto, MD

Sponsored by Janssen

7:00-8:00 AM  **DECIDE, GUIDE, TREAT, AND CONFIRM - A FOCUS ON PROCEDURAL EFFICIENCY**
Grand Hyatt Hotel, Aspen Ballroom
Satellite Symposia

SATURDAY, AUGUST 5, 2017 (continued)

Program
My Treatment Algorithm for Treating PAD CLI Patients Mehdi H. Shishehbor, DO, PhD
Sponsored by Philips Volcano Corporation
RSVP to: Adriana Phillips, adriana.phillips@philips.com

LUNCH SYMPOSIUM
12:00-1:00 PM NEXT GENERATION LASER TECHNOLOGY, EXPANDING TREATMENT OPTIONS
Grand Hyatt Hotel, Aspen Ballroom

Program
Coronary Laser: From Niche to Mainstream Application Jai Khatri, MD
Peripheral Laser: Maximal Luminal Gain With Turbo Power Sahil Parikh, MD
Peripheral Vessel Prep and Complex ISR Gagan Singh, MD
Sponsored by Spectranetics
RSVP to: Kim Peterson, kim.peterson@spnc.com

Investigator Meetings, Advisory Boards, Bioskills Labs

WEDNESDAY, AUGUST 2, 2017
8:00 AM-4:00 PM ECLIPSE INVESTIGATORS’ MEETING (CSI)
Brown Palace Hotel
Capacity: 50
Sponsored by CSI
RSVP to: Amber Dickson, adickson@csi360.com

FRIDAY, AUGUST 4, 2017
2:00-3:00 PM JET-ISR
Grand Hyatt Hotel, Crestone Peak Room
8:00 AM-5:00 PM CSI BIOSKILLS LAB
Grand Hyatt Hotel, Mt. Columbia Room
Capacity: rotating groups of 10 people
Register: https://cvi2017bioskills.eventbrite.com

SATURDAY, AUGUST 5, 2017
3:00-7:00 PM JANSSEN ADVISORY BOARD
Grand Hyatt Hotel, Mt. Oxford Room
Capacity: 20-30
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