



April 12 - 14, 2018

The Four Seasons Hotel
St. Louis, Missouri

**PERCUTANEOUS CARDIAC
AND PERIPHERAL VASCULAR
THERAPEUTICS 2018**



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Director, Interventional Cardiology
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Medical Director, Cardiac Cath Lab
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Mahammad Faraz Masood, MD

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Assistant Professor of Surgery

Amit Noheria, MBBS, SM

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*Supervisor of Insurance,
Billing and Collections*

Alan Zajarias, MD, FACC

*Associate Professor of Medicine
Associate Director,
Interventional Cardiology
Director, Structural Heart Disease
Fellowship Program*

Invited Faculty

S. Hinan Ahmed, MD, FACC, FSCAI
UT Health Science Center
San Antonio, Texas

William B. Bachinsky, MD
PinnacleHealth CardioVascular
Harrisburg, Pennsylvania

Alok Bachuwar, MD, FACC
SSM Health Dean Medical Group
Madison, Wisconsin

Sudeshna Banerjee, MD, FACC
Sacred Heart Medical Center
Oregon Heart & Vascular Institute
Springfield, Oregon

Michael A. Brown, MD
Missouri Heart Center
Columbia, Missouri

Paramjit Chopra, MD
Midwest Institute for
Minimally Invasive Therapies
Rush University
Melrose Park, Illinois

Edward Coverstone, MD
St. Anthony's Heart Specialty Associates
St. Louis, Missouri

David A. Cox, MD, FACC, MSCAI
Society for Cardiovascular
Angiography and Intervention
Washington, DC

Chaitanya K. Dahagam, MD
IBM Watson Health
Washington, DC

George Dangas, MD, PhD
The Mount Sinai Hospital
New York, New York

Harold L. Dauerman, MD
University of Vermont College of Medicine
Burlington, Vermont

Tony J. DeMartini, MD
Advocate Medical Group
Downers Grove, Illinois

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Quincy Medical Group
Blessing Hospital
Quincy, Illinois

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Kalamazoo, Michigan

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Lake Charles, Louisiana

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Royal Oak, Michigan

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Advocate Medical Group
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New Mexico Heart Institute
Albuquerque, New Mexico

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Larson Financial Group
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Norfolk, Virginia

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Institut Cardiovasculaire Paris Sud (ICPS)
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Tenet Healthcare Corporation - Florida Region
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London, England

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Atlanta, Georgia

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Carolinas Healthcare System
Charlotte, North Carolina

David G. Rizik, MD, FACC, FSCAI
HonorHealth Heart Group
Scottsdale, Arizona

Sayan Sen, MD
National Heart & Lung Institute
Hammersmith Hospital &
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Mary Greeley Medical Center
PMG Research of McFarland Clinic
Ames, Iowa

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Abbott Vascular
Santa Clara, California

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Louisville Cardiology Group
Louisville, Kentucky

Andres F. Vasquez, MD
Orion Medical Cardiology
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Portland, Oregon

Steven J. Yakubov, MD, FACC, FSCAI
OhioHealth Research Institute
Riverside Methodist Hospital
Columbus, Ohio

Michael Yeung, MD
UNC at Chapel Hill
Chapel Hill, North Carolina

SYMPOSIUM OVERVIEW

The Advanced Revascularization-Chapter XI (ARCH) Symposium held in St. Louis is the nation's premier interventional cardiology course specifically designed for the busy practicing physician and trainees. It focuses on evidence-based data, newer technological advances, case-based discussions, tips and tricks in complex cases, and innovative therapeutic strategies that will enable physicians to treat their patients with high-risk and complex coronary, peripheral vascular and structural anatomy. Attendees will learn from experts on the use of novel techniques and interventional tools, new CTO techniques, hemodynamic support during high-risk PCI and decompensated heart failure, coronary interventions and novel intravascular coronary anatomy / physiology techniques. In addition, use of newer adjunctive imaging modalities to optimize coronary / peripheral vascular outcomes will be presented. Percutaneous approaches to valvular and structural heart disease has evolved recently. Attendees will see live cases and participate in didactic sessions interacting with the top experts in the field.

Participants will observe live cases broadcast from both US and International sites and hear from world-renowned Faculty who will present their latest research data and share their expertise and experience. There will be a strong emphasis on participant-faculty interactions, where attendees will learn the latest advances in interventional cardiology.

OBJECTIVES

The objectives of the **2018 ARCH Symposium** are presentations and discussions of current knowledge and practice of cardiac and peripheral percutaneous therapy. The intended result of this activity is increased knowledge, competence, performance and skill and enhanced patient care.

At the end of this CME activity participants should be able to:

- Discuss interventional approaches to end stage heart failure patients.
- Discuss interventional dilemmas / controversial cases of the day: instructive, unique and interesting cases by faculty members concentrating on procedural strategy and solutions to complications.
- Evaluate the development of new technology-imaging modalities, IVUS, OCT, MRA and CT angiography.
- Interpret the pivotal coronary disease management trials of the past year and how they can be applied to bedside patient management in 2017.
- Understand practical techniques relating to highly stenosed lesions and the use of percutaneous left ventricular assist devices (LVAD).
- Differentiate the distinction between the specific clinical features of appropriate use criteria and the evidence-based summaries on which PCI guidelines are developed.
- Discuss the indications, benefits and relative risk of radial artery based coronary interventions.
- Identify the role of adjunctive imaging and physiology for diagnosis and management of complex cardiovascular disease.
- Discuss strategies in improving quality and cost reduction in the modern cath lab.
- Define technically difficult & high-risk subsets.
- Discuss the relative role of trans-catheter and surgical therapies for advanced structural heart disease, both valvular and non-valvular and atrial fibrillation.
- Appraise serious complications - how to avoid them, how to treat them.
- Understanding the risks of radiation and ways to minimize exposure.



TARGET AUDIENCE

This course has been designed to meet the educational needs of Interventional and General Cardiologists, Internists, Cardiothoracic Surgeons, General Surgeons, Primary Care Physicians, and Neurologists plus Nurses, Nurse Practitioners and Ancillary staff.

ACCREDITATION

General Session



PHYSICIAN CONTINUING EDUCATION

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of *CMEsolutions* and Gaffney Events. The *CMEsolutions* is accredited by the ACCME to provide continuing medical education for physicians.

The *CMEsolutions* designates this live conference for a maximum of 17.15 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CONTINUING EDUCATION FOR OTHER HEALTHCARE PROVIDERS

The American Nurse Credentialing Center (ANCC), American Academy of Nurse Practitioners (AANP) and American Academy of Physician Assistants (AAPA) accepts certificates of attendance for educational activities certified for *AMA PRA Category 1 Credit(s)*[™] from organizations accredited by the ACCME.

Fellows / Allied Health Course | April 12th, 7:30 am – 12:00 pm

NURSING CONTINUING EDUCATION

This activity has been submitted to the Western Multi-State Division for approval to award contact hours. The Western Multi-State Division is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

AMERICAN SOCIETY OF RADIOLOGIC TECHNOLOGISTS

Category A/A+ CE credit is pending approval by the ASRT.

Disclosure of Conflicts of Interest

CMEsolutions requires everyone in a position to control the content of this activity to disclose any real or apparent conflict of interest they may have as related to the content of this activity. All identified conflicts of interest are thoroughly vetted by CMEsolutions for fair balance, scientific objectivity of studies mentioned in the materials or used as the basis for content, and appropriateness of patient care recommendations.

Instructions to Receive Credit

To receive credit, participants must attend credit designated sessions, and must submit a completed evaluation and application for credit at the conclusion of the Advanced Revascularization – Chapter XI (ARCH).

FELLOWS / ALLIED HEALTH PROFESSIONALS SYMPOSIUM

THURSDAY, APRIL 12, 2018

6:30 am – 1:05 pm | Four Seasons Hotel St. Louis

DIRECTORS

George S. Chrysant, MD, FACC, FSCAI
Chief Scientific Officer
INTEGRIS Heart Hospital
Oklahoma City, Oklahoma

Marci Damiano, RN, MSN
Clinical Nurse Coordinator
Washington University
School of Medicine
St. Louis, Missouri



COURSE OVERVIEW

The Fellows / Allied Health Professionals Symposium has been designed to provide conference attendees with an update in the evaluation and management of several chronic diseases treated by healthcare providers in the outpatient setting. Physicians in practice need education about these new developments, new drugs and how to use them to better treat chronic diseases and their complications, and to do so in a safe and high quality manner. Further, as the healthcare system evolves, healthcare providers need to better understand the context in which they are practicing.

TARGET AUDIENCE

The 2018 Fellows / Allied Health Professionals Symposium has been designed to meet the educational needs of Internists, Family Practitioners, Nurse Practitioners, Physician Assistants, Clinical Pharmacists, Medical Students, Residents, and Fellows.

NURSING CONTINUING EDUCATION

This activity has been submitted to the Western Multi-State Division for approval to award contact hours. The Western Multi-State Division is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

AMERICAN SOCIETY OF RADIOLOGIC TECHNOLOGISTS

Category A/A+ CE credit is pending approval by the ASRT.

INSTRUCTIONS TO RECEIVE CREDIT

At the conclusion of the symposium, go to the conference website at www.ARCHSymposium.com and click on the CME/CE tab and click on the link to complete the survey. Once the survey has been completed, your certificate will be emailed to you.

AGENDA

- 6:30 am** **REGISTRATION / CONTINENTAL BREAKFAST**
Foyer of Ballroom C, 6th Floor
- 7:30 am** **WELCOME AND INTRODUCTION**
Ballroom A/B, 6th Floor
George S. Chrysant, MD
& *Marci Damiano, RN, MSN*

SESSION I

Moderators: *Michael A. Brown, MD, Howard I. Kurz, MD, Adrian W. Messerli, MD, Neville Mistry, MD, Andres Vasquez, MD*

- 7:40 am** **The Pearls for Survival in the Cath Lab**
Howard I. Kurz, MD
- 8:10 am** **Vascular Access and Closure**
Bob Massey, RN & Adrian W. Messerli, MD
- 8:30 am** **Pharmacology in the Cath Lab / Hybrid Lab: Sedation, Anticoagulation, Antiplatelet, Vasopressors, Etc.**
Hannah E. Pope, PharmD, BCPS & Kathleen Schlafly, RN, BSN, CCRN
- 9:00 am** **Updates on PCI Guidelines and Appropriateness**
William B. Bachinsky, MD
- 9:20 am** **BREAK / VISIT EXHIBITS**

SESSION II | CORONARY STENT UPDATE

Moderators: *Tim A. Fischell, MD, James A. Goldstein, MD, Manish A. Parikh, MD, Jasvinder Singh, MD, Michael Yeung, MD*

- 9:35 am** **Stent Update 2018: What to Use**
Jasvinder Singh, MD & Matthew Chung, MD
- 9:50 am** **Approach to Complex PCI: Tools, Skills, Cognition**
Tim A. Fischell, MD
- 10:15 am** **Radiation Safety in the Cath Lab, "Do's and Don'ts"**
James A. Goldstein, MD
- 10:30 am** **Improving Quality Metrics in the Cath Lab: Acute Kidney Injury, Bleeding, Mortality, Readmission in the Cath Lab**
Amit P. Amin, MD, Brandi Dennis, RN, Brandon Rahn

- 10:50 am** **Structural Heart Disease 2018: Lessons on Procedure Techniques and Program Development**
Marci Damiano, RN, MSN & Alan Zajarias, MD
- 11:10 am** **Pearls of Documentation: Coding, Billing and Reimbursement in the Cath Lab**
Trinna Smith, CPC
- 11:25 am** **Finding a Job: From Interview to Contract Negotiation**
Jeffrey Larson
- 11:40 am** **Case #1: My Worst/Best Case in the First Two Years**
Edward Coverstone, MD
- 11:50 am** **Case #2**
Robert L. Shapiro, MD
- 12:00 pm** **Case #3**
Paul M. Lavigne, MD & Neville Mistry, MD
- 12:10 pm** **COURSE CONCLUSION**
George S. Chrysant, MD & Marci Damiano, RN, MSN



Registration for the General Sessions open until 1:05 pm in the Foyer of Ballroom C, 6th floor

GENERAL SESSION AGENDA

THURSDAY, APRIL 12, 2018

12:30 pm REGISTRATION
Foyer of Ballroom C, 6th Floor

1:05 pm WELCOME AND INTRODUCTION
Ballroom A/B, 6th Floor
Jasvinder Singh, MD

SESSION I | STRUCTURAL HEART DISEASE I

Moderators: Ralph J. Damiano, Jr., MD, John M. Lasala, MD, PhD,
David G. Rizik, MD, Steven J. Yakubov, MD

1:15 pm **KEYNOTE DEBATE:**
Future of Structural Heart Disease:
(i) A Surgeon's Perspective
Ralph J. Damiano, Jr., MD
(ii) An Interventionalist's Perspective
Harold L. Dauerman, MD

2:05 pm **LIVE CASE 1**
Left Atrial Appendage Closure (LAAC)
Live Case Satellite from
Delray Medical Center, Delray Beach, FL

Operator: Brijeshwar S. Maini, MD
Moderators: Ralph J. Damiano, Jr., MD,
Harold L. Dauerman, MD, Marye J. Gleva, MD,
John M. Lasala, MD, PhD, Amit Noheria, MD

2:45 pm **LIVE CASE 2**
Transcatheter Aortic Valve Replacement (TAVR)
Live Case Satellite from
Barnes-Jewish Hospital, St. Louis, MO

Operators: Puja Kachroo, MD, Hersh S. Maniar, MD,
Marc A. Sintek, MD, Alan Zajarias, MD
Moderators: Ralph J. Damiano, Jr., MD,
Harold L. Dauerman, MD, John M. Lasala, MD, PhD,
David G. Rizik, MD, Steven J. Yakubov, MD

3:25 pm BREAK / VISIT EXHIBITS

SESSION II | CHOOSE A BREAKOUT TO ATTEND

PERIPHERAL I | Ballroom A/B, 6th Floor

Moderators: George S. Chrysant, MD, Steve Henao, MD,
Ethan C. Korngold, MD, S. Jay Mathews, MD, Sahil A. Parikh, MD,
Anish J. Thomas, MD, Craig M. Walker, MD

Transcarotid Artery Stenting (TAS) and TransCarotid Artery Revascularization (TCAR)

3:40 pm Asymptomatic Carotid Trial (ACT) 1,
CREST Trial
Ethan C. Korngold, MD

3:55 pm ROADSTER Trial
Steve Henao, MD

Superficial Femoral Artery (SFA) Stent or Drug Coated Balloons (DCB)

4:10 pm Treatment Algorithm
Sahil A. Parikh, MD

4:25 pm Atherectomy / Drug Coated Balloons
S. Jay Mathews, MD

4:40 pm Supera Drug Eluting Stent
Anish J. Thomas, MD

Atherectomy: Laser vs. Directional

4:55 pm Laser / In-Stent Restenosis
Craig M. Walker, MD

5:10 pm HAWK, PATHWAY and PHOENIX Trials
S. Jay Mathews, MD

5:25 pm CLOSING REMARKS

HEMODYNAMIC SUPPORT | Laclede, 6th Floor Supported by Abiomed*

Moderators: John M. Lasala, MD, PhD, David G. Rizik, MD

3:40 pm Hemodynamic Support:
Basics and Case Selection
John M. Lasala, MD, PhD

3:55 pm Impella vs. Intra-Aortic Balloon Pump
David A. Cox, MD

4:10 pm Role of Extracorporeal
Membrane Oxygenation (ECMO):
Setting up and Running the Program
Mahammad Faraz Masood, MD

4:25 pm Current Trials and New Devices
David G. Rizik, MD

4:40 pm Case Illustration #1
Stilianos Efstratiadis, MD

4:50 pm Case Illustration #2
Akinobu Itoh, MD

5:00 pm Case Illustration #3
Alok Bachuwar, MD

5:10 pm Case Illustration #4
J. Trevor Posenau, MD

5:20 pm CLOSING REMARKS
Jasvinder Singh, MD

5:25 pm

WELCOME & COCKTAIL RECEPTION

MEET THE EXPERTS ✱

Supported by: Boston Scientific

5:35 pm

WELCOME AND INTRODUCTION
Ballroom Foyer, 6th Floor

Discussants:

*George Dangas, MD, PhD, John M. Lasala, MD, PhD,
Yves R. Louvard, MD, Roxana Mehran, MD,
Anthony J. Spaedy, MD*

5:40 pm

Case Reviews

6:10 pm

Q & A and ADJOURN



Explore St. Louis!



Gateway Arch & The Museum of Westward Expansion | gatewayarch.com

The Gateway Arch is a 630ft National Monument representing St. Louis' role in the westward expansion of the United States. The tram ride to the top of the Arch is one of the most popular activities. Arrive early to avoid lines and allow 30-45 minutes for security checks. Be sure to bring a camera, as you will encounter many photo opportunities and magnificent views from the observation deck.



Forest Park | forestparkforever.org

Forest Park is one of the most beautiful urban parks in the world and one of the greatest civic treasures of St. Louis. This 1,300-acre park truly offers something for everyone. It is home to five of the region's major cultural institutions—the Zoo, Art Museum, History Museum, Science Center and the Muny Opera. It also serves as a sports center for golf, tennis, baseball, bicycling, boating, fishing, handball, ice skating, roller blading, jogging, rugby and more. A Dual Path system invites both leisurely walks and intense workouts, this is a quiet place to picnic and read, or just escape it all!



Missouri Botanical Gardens | missouribotanicalgarden.org

Founded in 1859, the 79-acre Missouri Botanical Garden is the nation's oldest botanical garden in continuous operation and serves as an oasis for the city of St. Louis. Today, 153 years after opening, the Garden is a National Historic Landmark and a center for science, conservation, education and horticultural display.



Cahokia Mounds State Historic Site | cahokiamounds.org

The remains of the most sophisticated prehistoric native civilization north of Mexico are preserved at Cahokia Mounds State Historic Site. Within the 2,200-acre tract, directly across the Mississippi River from modern St. Louis, Missouri, lie the archaeological remnants of the central section of the ancient settlement that is today known as Cahokia. One of the greatest cities of the world, Cahokia was larger than London was in 1250 AD. The Mississippians who lived here were accomplished builders who erected a wide variety of structures from practical homes for everyday living to monumental public works that have maintained their grandeur for centuries.

GENERAL SESSION AGENDA

FRIDAY, APRIL 13, 2018

6:30 am REGISTRATION / CONTINENTAL BREAKFAST
Foyer of Ballroom C, 6th Floor

7:30 am WELCOME AND INTRODUCTION
Ballroom A/B, 6th Floor
Jasvinder Singh, MD

7:45 am **KEYNOTE:**
Physicians in Industry:
How Tool Users Can Impact Tool Makers
and the Evolving Role of Social Media
Chuck Simonton, MD

SESSION III | CORONARY I

Moderators: George Dangas, MD, PhD, John M. Lasala, MD, PhD

8:30 am Top Ten Trials: Coronary and Structural
David G. Rizik, MD

8:50 am Top Five Trials: Peripheral Vascular
Craig M. Walker, MD

9:10 am **LIVE CASE 3 | Imaging / Physiology**
Live Case Satellite from
Imperial College, London, England

Operator: Sayan Sen, MD

Moderators: Richard G. Bach, MD, David A. Cox, MD,
Stuart T. Higano, MD, C. Huie Lin, MD, PhD,
Sukhjinder Nijjer, MD, PhD, Marc A. Sintek, MD

9:55 am BREAK / VISIT EXHIBITS

10:10 am **LIVE CASE 4 | Complex PCI**
Live Case Satellite from
Barnes-Jewish Hospital, St. Louis, MO

Operators: Jasvinder Singh, MD, Howard I. Kurz, MD,
David G. Rizik, MD

Moderators: David A. Cox, MD, George Dangas, MD, PhD,
John M. Lasala, MD, PhD, Yves R. Louvard, MD,
Arthur B. Reitman, MD, Chuck Simonton, MD

SESSION IV | CORONARY II: UPDATE ON STENTS / PHARMACOLOGY

Moderators: David A. Cox, MD, Yves R. Louvard, MD

Discussants: George Dangas, MD, PhD,
Roxana Mehran, MD, David G. Rizik, MD, Chuck Simonton, MD

10:55 am Update on Dual Antiplatelet Therapy (DAPT)
Roxana Mehran, MD

11:10 am Bioabsorbable Vascular Scaffold (BVS):
Where Do We Go Now?
Chuck Simonton, MD

11:25 am Metallic Drug Eluting Stents (DES):
Durable Polymers: Tried and Tested
George Dangas, MD, PhD

11:40 am Metallic Drug Eluting Stents (DES):
Bioresorbable Polymers Hold the Future
Arthur B. Reitman, MD

11:55 am Q&A

12:05 pm LUNCH / VISIT EXHIBITS

SESSION V | PERIPHERAL II

Moderators: Paramjit Chopra, MD,
George S. Chrysant, MD, Sahil A. Parikh, MD,
Jeffrey M. Sparling, MD, Anish J. Thomas, MD

1:05 pm **LIVE CASE 5 | Peripheral**
Live Case Satellite from
The Mount Sinai Hospital, New York, NY

Operator: Prakash Krishnan, MD

Moderators: Paramjit Chopra, MD, George S. Chrysant, MD,
Sahil A. Parikh, MD, Jeffrey M. Sparling, MD,
Anish J. Thomas, MD

1:50 pm **LIVE CASE 6 | Coronary**
Live Case Satellite from
The Mount Sinai Hospital, New York, NY

Operator: Samin K. Sharma, MD

Moderators: George Dangas, MD, PhD, Stilianos Efstratiadis, MD,
Howard I. Kurz, MD, Arthur B. Reitman, MD,
Anthony J. Spaedy, MD, Jasvinder Singh, MD



- 2:35 pm** **Hypertension: Renal Denervation and Renovascular Update**
S. Hinan Ahmed, MD
- 2:50 pm** **Current Approach to Abdominal Aortic Aneurysms**
Luis A. Sanchez, MD
- 3:05 pm** **Lower Extremity Revascularization: Trials and Approach**
Anish J. Thomas, MD
- 3:25 pm** **Critical Limb Ischemia (CLI) Angiosome Driven Revascularization**
Sahil A. Parikh, MD
- 3:40 pm** **BREAK / VISIT EXHIBITS**

SESSION VI | CORONARY III

Moderators: John M. Lasala, MD, PhD, Yves R. Louvard, MD, Arthur B. Reitman, MD, David G. Rizik, MD, Jasvinder Singh, MD, Anthony J. Spaedy, MD

- 3:55 pm** **LIVE CASE 7 | Chronic Total Occlusion (CTO)**
Live Case Satellite from Edward Hospital, Naperville, IL
- Operators:** Tony J. DeMartini, MD, Mark J. Goodwin, MD
- Moderators:** John M. Lasala, MD, PhD, Yves R. Louvard, MD, Arthur B. Reitman, MD, David G. Rizik, MD, Jasvinder Singh, MD, Anthony J. Spaedy, MD

- 4:40 pm** **CTO: Case Selection and Data**
Sudeshna Banerjee, MD
- 4:50 pm** **Antegrade Techniques: Case-Based Review**
Anthony J. Spaedy, MD
- 5:05 pm** **Retrograde Techniques: Case-Based Review**
Jason R. Wollmuth, MD

SESSION VII | CHOOSE A BREAKOUT TO ATTEND

PERIPHERAL III | Ballroom A/B, 6th Floor

Moderators: George S. Chrysant, MD, Sahil A. Parikh, MD

Venous: Deep and Superficial

- 5:15 pm** **Acute Deep Vein Thrombosis (DVT)**
Jeffrey M. Sparling, MD
- 5:25 pm** **Chronic Deep Vein Thrombosis (DVT)**
Paramjit Chopra, MD

- 5:35 pm** **Superficial Veins**
Paramjit Chopra, MD
- 5:45 pm** **Case Presentation: Pulmonary Embolism – Invasive Treatment**
Thomas Tu, MD
- 5:55 pm** **CLOSING REMARKS**

STRUCTURAL HEART DISEASE II | Laclede, 6th Floor

Moderators: Hersh S. Maniar, MD, Michael J. Rinaldi, MD, David G. Rizik, MD, Steven J. Yakubov, MD, Alan Zajarias, MD

Mitral Valve Session

- 5:15 pm** **Evaluating a Patient with Mitral Valve Disease in 2018**
Alan Zajarias, MD
- 5:25 pm** **Transcatheter Mitral Valve Repair**
Michael J. Rinaldi, MD
- 5:35 pm** **Transcatheter Mitral Valve Replacement**
Hersh S. Maniar, MD
- 5:45 pm** **Procedural Imaging of Percutaneous Mitral Valve Procedures**
Nishath Quader, MD
- 5:55 pm** **Q&A**
- 6:00 pm** **CLOSING REMARKS**



GENERAL SESSION AGENDA

SATURDAY, APRIL 14, 2018

7:00 am REGISTRATION / CONTINENTAL BREAKFAST
Foyer of Ballroom C, 6th Floor

7:25 am WELCOME AND INTRODUCTION
Ballroom A/B, 6th Floor
John M. Lasala, MD, PhD

7:30 am **KEYNOTE:**
Artificial Intelligence in Medicine -
A Focus on Interventional Cardiology
Chaitanya K. Dahagam, MD

SESSION VIII | CORONARY IV

8:15 am **LIVE CASE 8 | Coronary**
*Recorded Live Case from
Barnes-Jewish Hospital, St. Louis, MO*

Operators: Jasvinder Singh, MD

Moderators: David A. Cox, MD, Alan C. Braverman, MD,
Stilianos Efstratiadis, MD, Howard I. Kurz, MD,
John M. Lasala, MD, PhD, Yves R. Louvard, MD

8:45 am **Left Main Disease:**
Update on Trials and Techniques
David G. Rizik, MD

8:55 am **Bifurcation: New Update**
from European Bifurcation Club
Yves R. Louvard, MD

9:05 am **Case Presentation #1:**
Bifurcation / Left Main Technique
Matthew Chung, MD

9:15 am **Case Presentation #2:**
Complications
Corey G. Foster, MD

9:25 am **BREAK / VISIT EXHIBITS**

SESSION IX | DEBATE CENTRAL

Moderators: Harold L. Dauerman, MD, John M. Lasala, MD, PhD,
Steven J. Yakubov, MD, David G. Rizik, MD

9:40 am **Radial vs. Femoral**
Amit P. Amin, MD & Howard I. Kurz, MD

10:00 am **Intravascular Ultrasound vs.**
Optical Coherence Tomography
George C. Chrysant, MD & Marc A. Sintek, MD

10:20 am **Instant Wave Free Ratio vs.**
Fractional Flow Reserve
Sahil A. Parikh, MD & Michael J. Lim, MD

10:40 am **Orbital vs. Rotational**
William B. Bachinsky, MD
& Arthur B. Reitman, MD

SESSION X | CORONARY X

Moderators: Jasvinder Singh, MD, Steven J. Yakubov, MD

11:10 am **Laser Atherectomy**
Marc A. Sintek, MD

11:20 am **Specialty Balloons:**
Current Role in Coronary Intervention
Tim A. Fischell, MD

11:30 am **Sudden Cardiac Death:**
Prevention Post PCI or MI
Marye J. Gleva, MD

11:40 am **Case Presentation:**
Complex PCI Tools
Matthew Chung, MD & J. Trevor Posenau, MD

11:50 am **BREAK / VISIT EXHIBITS**

SESSION XI |

ADVANCED STRUCTURAL HEART DISEASE INTERVENTIONS

Moderators: David T. Balzer, MD, John M. Lasala, MD, PhD,
Spencer J. Melby, MD, Michael J. Rinaldi, MD,
David G. Rizik, MD, Alan Zajarias, MD

12:00 pm **Update Arterial Septal Defect /**
Patent Foramen Ovale Closure
John M. Lasala, MD, PhD

12:10 pm **Adult Congenital Heart Disease**
C. Huie Lin, MD, PhD

12:20 pm **Percutaneous Pulmonic**
Valve Replacement
David T. Balzer, MD

12:30 pm **Minimalist Transcatheter**
Aortic Valve Replacement
Spencer J. Melby, MD

12:40 pm **Procedural Imaging for**
Structural Heart Disease
Nishath Quader, MD

12:50 pm **Case Presentation:**
Complex TAVR
Nishtha Sodhi, MD

1:00 pm **CLOSING REMARKS / MEETING ADJOURN**
Jasvinder Singh, MD

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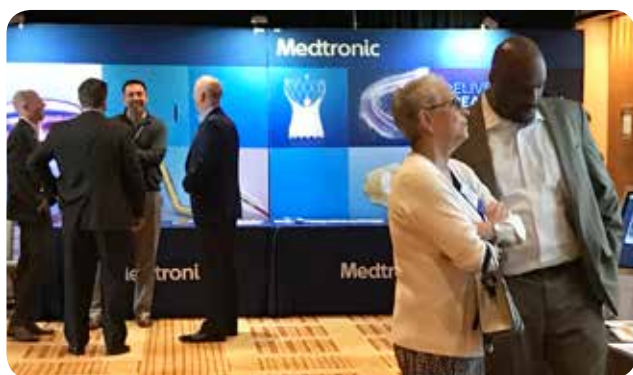
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A block of rooms has been reserved at the Four Seasons Hotel in St. Louis for attendees of the 2018 ARCH Symposium at a special reduced rate of \$245.00 single or double occupancy per night plus tax. To receive the discounted room rate, reservations must be booked and confirmed by Monday, March 26, 2018. After that date, reservations will be subject to space and rate availability.

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