

2023

THE OPERATORS ENCLAVE™



JULY
20TH-22ND
2023

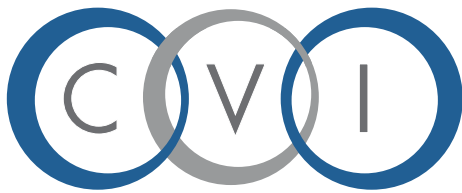
JW MARRIOTT AUSTIN
AUSTIN, TX

**MASTERS' APPROACH TO
CRITICAL LIMB ISCHEMIA**

COMPLEX HIGH-RISK PCI

**FRONTIERS IN STRUCTURAL
HEART DISEASE**





2023
THE OPERATORS ENCLAVE™

We are ecstatic to welcome you to CVI 2023, The Operators Enclave™. This meeting marks the seventh year, and we are thrilled to be in a new city and venue!

CVI 2023 is one of the most interactive and accessible conferences you will attend due to its focus on presenter interaction, expert panel discussions and audience participation. The networking and one-on-one sharing of professional experiences with outstanding faculty is invaluable. This is a one-of-a-kind user meeting!

This year, we are excited to showcase our new “TED Talk” style in our general sessions, which will foster engagement between the speaker, panelists and audience. CVI 2023 includes cases by world renowned operators, practical instruction on state-of-the-art therapies for peripheral, coronary, and structural heart disease, and case-based discussions. A variety of breakfast, lunch and dinner satellite symposia, as well as hands-on experiences are available. The conference offers residents, fellows, and cardiac catheterization laboratory professionals multiple education opportunities, including a case competition with a prize for the top cases.

We hope your time in Austin is stimulating and enriching. Thank you for being a key part of CVI 2023!



**Subhash Banerjee,
MD, FACC, FSCAI**
*Baylor Heart and
Vascular Hospital*



**Emmanouil S. Brilakis,
MD, PhD, FACC, FAHA,
FSCAI, FESC**
*Minneapolis Heart
Institute at Abbott
Northwestern Hospital*



**Mehdi H. Shishehbor,
DO, MPH, PhD**
*University Hospitals
Harrington Heart &
Vascular Institute*



**Paul Sorajja,
MD, FACC, FAHA, FSCAI**
*Minneapolis Heart
Institute Foundation*

OVERVIEW

Cardiovascular Innovations 2023 is a world-class meeting focused on state-of-the-art therapy for peripheral, coronary, and structural heart disease. The meeting is considered The Operators Enclave™ and 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.

LEARNING OBJECTIVES

- Gain in-depth knowledge of new advanced PCI and endovascular intervention techniques and evaluate which patients are suitable for minimally invasive or surgical treatments. Furthermore, attendees will learn about the recognition and treatment of potential complications associated with such procedures.
- Recall indications, techniques, outcomes, and complications for transcatheter aortic, mitral and tricuspid valve interventions in patients with native valve lesions and dysfunction valve prostheses.
- Optimally manage patients with cardiogenic shock by using hemodynamic monitoring, providing optimal coronary revascularization and timely use of hemodynamic support devices.
- Describe the advantages and pitfalls of comprehensive non-invasive imaging techniques for patients with cardiac and vascular diseases such as Duplex ultrasonography, cardiac computed tomography, magnetic resonance imaging (MRI), echocardiography, and other.
- Describe the disparities and barriers to care in patients with vascular, coronary and structural heart diseases.
- Discuss innovations in diagnostic and surgical and catheter-based therapies for coronary, structural heart and peripheral vascular disease.
- Evoke advanced invasive cardiovascular imaging and physiologic assessment for clinical evaluation and guiding therapy during procedure-based therapy.
- Discuss drivers and methods to enhance operation of the multidisciplinary heart team to optimize clinical outcomes.
- Evaluate current strategies for the prevention and treatment of complications of coronary, peripheral, and structural interventions.
- Evaluate appropriate indication for intensifying secondary prevention therapies in patients with established heart and vascular diseases.
- Recognize how diversity, equity and inclusion can influence healthcare delivery and outcomes.

TARGET AUDIENCE

Cardiovascular Innovations 2023 is designed to meet the needs of primary care providers, clinical cardiologists, interventional cardiologists, cardiovascular scientists, vascular surgeons, radiologists, and other health care providers and investigators who participate in the management of patients with coronary, peripheral and structural heart diseases.

ACCREDITATION

Physicians

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 Cardiovascular Innovations Foundation. The *CMEsolutions* is accredited by the ACCME to provide continuing medical education for physicians.

The *CMEsolutions* designates this live activity for a maximum of 16.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Radiologic Technologists

Approved by the ASRT for Category A continuing education credit.

July 20 - 7 Credits

July 21 - 7 Credits

July 22 - 3.5 Credits

Nurses

This nursing continuing professional development activity was approved by Montana Nurses Association, an accredited approver with distinction by the American Nurses Credentialing Center’s Commission on Accreditation.

15 Contact Hours

Pharmacists

The *CMEsolutions* is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. This program is approved for 16.50 contact hours (1.65 CEUs). ACPE Program Number: 0274-9999-23-016-L01-P



HOW TO CLAIM CREDIT

Following the conference, all attendees will be emailed credit claiming information.

FACULTY AND DISCLOSURES

CMEsolutions requires everyone in a position to control the content of this activity to disclose any relevant financial 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.

FACULTY DISCLOSURES

Please visit www.cvinnovations.org for a full list of faculty disclosures.

PLANNER DISCLOSURES

No member of *CMEsolutions* or Cardiovascular Innovations Foundation has any relevant financial relationships to disclose.

OFF-LABEL USE

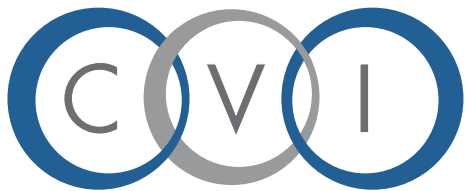
Cardiovascular Innovations 2023 may contain discussion of unlabeled and/or investigational uses of agents not approved by the FDA. Please consult the prescribing information for each product.

PRIVACY POLICY

CMEsolutions Privacy and Confidentiality Policy: www.online-med-edu.com/privacypolicy.pdf
CMEsolutions can be contacted at info@cmesolutions.org

HEALTH AND SAFETY INFORMATION

Please visit www.cvinnovations.org for our COVID-19 Policy.



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COMMERCIAL SUPPORT

Cardiovascular Innovations Foundation acknowledges educational grants for partial support of this activity from:

Abbott

Alleviant Medical

Boston Scientific Corporation

Chiesi

Cook Medical

Edwards Lifesciences

GE Healthcare

Limflow, Inc.

Medtronic

Philips Image Guided Therapy Devices

Shockwave Medical

Terumo

W.L. Gore & Associates, Inc.

MOBILE APP

With the CVI 2023 app, you can:

- » View faculty bios
- » Browse the complete agenda, including case competition and satellite symposia
- » Make note of Exhibit Hall hours and exhibitor details
- » Message and connect with other app users
- » Access supplementary resources and more!

Download the **CVI Events** app from the Apple App Store or Google Play Store. Once the app opens on your device, select **CVI 2023**. Once on your device, select **Create Account**.



WIFI

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JOIN US FOR CVI 2024

JULY 18-20,
2024

HYATT REGENCY, DENVER, CO

MEETING ROOM LAYOUT

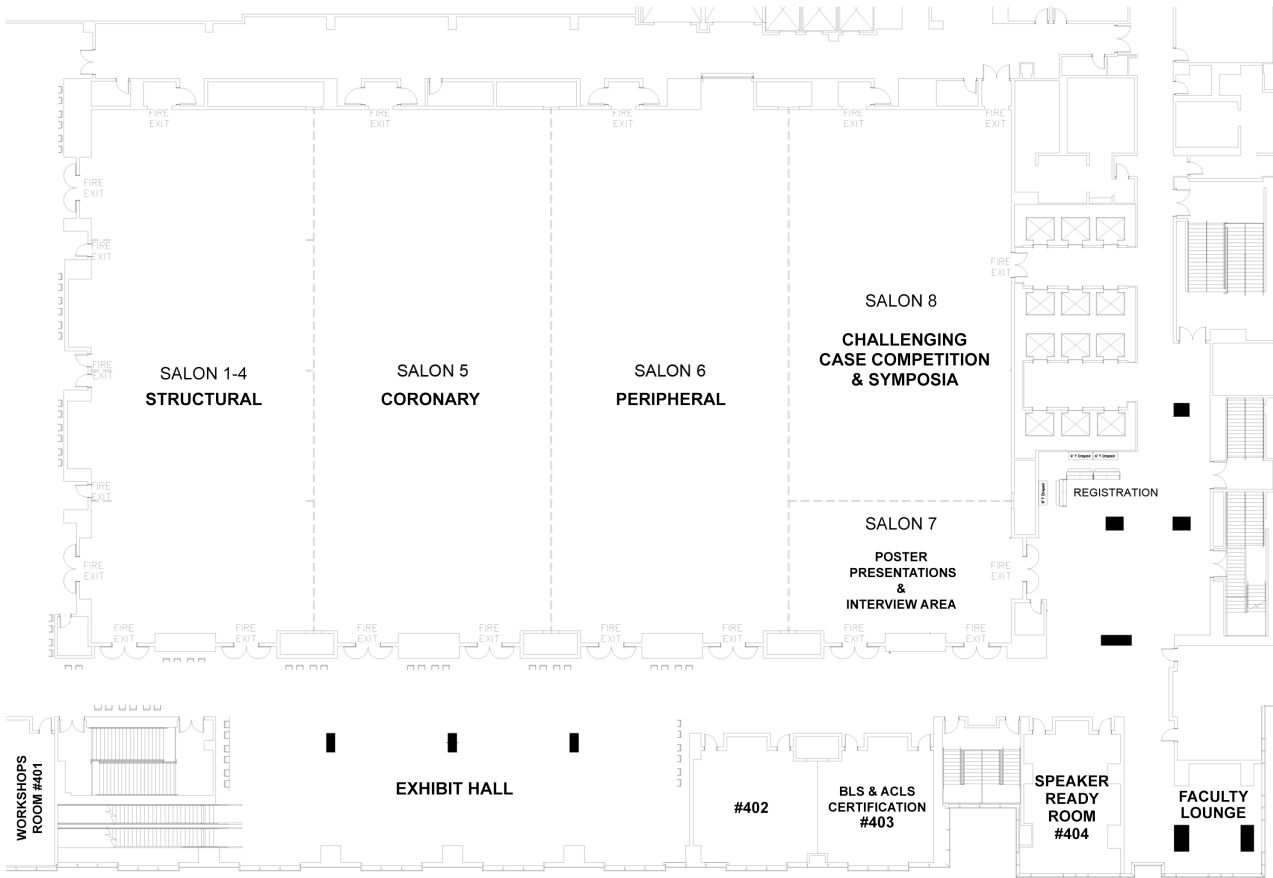


EXHIBIT HALL HOURS

Thursday, July 20

8:00 AM – 5:00 PM

Friday, July 21

8:00 AM – 5:00 PM

Saturday, July 22

8:00 AM – 2:00 PM

REGISTRATION DESK HOURS

Wednesday, July 19

11:00 AM – 1:00 PM

Thursday, July 20

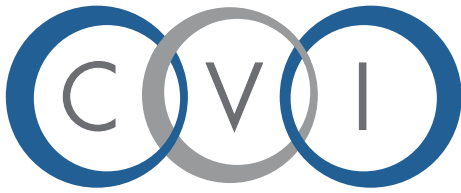
6:30 AM – 5:00 PM

Friday, July 21

7:30 AM – 5:00 PM

Saturday, July 22

7:30 AM – 12:00 PM



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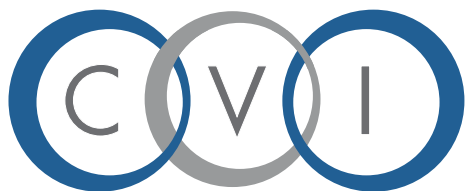
JULY 20 - 22, 2023
SYMPOSIA

WEDNESDAY, JULY 19		SPONSOR	LOCATION
Fellows/Early Career Bootcamp (12 PM - 6 PM)	Success with Interventional Fellowship and Beyond	<i>Abbott-CSI, Abiomed</i>	2nd Floor Griffin Hall
Dinner Symposium (6 PM - 8:30 PM)	Peripheral Intervention - Expanding Your IC Training and Practice	<i>Boston Scientific Corporation</i>	2nd Floor Griffin Hall

THURSDAY, JULY 20			
Breakfast Symposium (7 AM - 8 AM)	A New Era of Image Guided Therapies: 4D ICE and Mini 4D TEE in Structural Heart Cases	<i>GE Healthcare</i>	Salon 8
Lunch Symposium (12:15 PM - 1:15 PM)	Optimizing Case Efficiency and Hemodynamics with SavvyWire (pre-recorded valve-in-valve live case)	<i>OpSens Medical</i>	Salon 1 - 4
Lunch Symposium (12:15 PM - 1:15 PM)	Redefining SFA and Popliteal Treatment Strategy	<i>Abbott</i>	Salon 6
Reception (5 PM - 6:30 PM)	Fellows Welcome Reception	<i>Gore</i>	Main Exhibit Hall
Dinner Symposium (6:30 PM - 8:00 PM)	Innovations Summit with Dr. James E. Muller	<i>CVI</i>	Salon 6

FRIDAY, JULY 21			
Breakfast Symposium (7 AM - 8 AM)	Simplifying Complex PCI with Precision Physiology	<i>OpSens Medical</i>	Salon 5
Breakfast Symposium (7 AM - 8 AM)	Real World Perspective on 3D ICE in SH Procedures	<i>Philips</i>	Salon 1 - 4
Breakfast Symposium (7 AM - 8 AM)	Hands on with the Experts: Mastering Challenging Cases	<i>Teleflex</i>	Salon 8
Workshop (8 AM - 12 PM)	4-D ICE Training and Hands-on Workshop	<i>Siemens</i>	Room 401
Lunch Symposium (12:15 PM - 1:15 PM)	My Treatment Algorithm for Challenging Cases: Experts Share their Strategies and Discuss the Latest Data	<i>Medtronic (Peripheral)</i>	Salon 6
Lunch Symposium (12:15 PM - 1:15 PM)	Aortic Interventions in Younger Patients... What is the Future?	<i>Edwards Lifesciences</i>	Salon 8
Lunch Symposium (12:15 PM - 1:15 PM)	Appreciating the Severity and Undertreatment of AS: Diagnosis to Treatment	<i>Medtronic (Structural Heart)</i>	Salon 1 - 4
Hands-on Workshop (2 PM - 4 PM)	Benefits of the CCTA + FFRCT Pathway for the CathLab	<i>HeartFlow</i>	Room 401
Dinner Symposium (5 PM - 8 PM)	CVI 2023 Heart Team Dinner Symposium	<i>CVI</i>	Salon 8
Dinner Symposium (6:30 PM - 8:30 PM)	Tricuspid Regurgitation Therapy Retreat (TR²)	<i>Edwards Lifesciences</i>	Salon 1 - 4
Evening Reception (9 PM - 12 AM)	CVI 2023 Attendee and Faculty Reception All are welcome!	<i>Medtronic</i>	Banger's Sausage House

SATURDAY, JULY 22		SPONSOR	LOCATION
Lunch (12:15 PM - 1:40 PM)	Case Competition Finals		Salon 5



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THE OPERATORS ENCLAVE™

JULY 20 - 22, 2023
**SCHEDULE
 AT A GLANCE**

THURSDAY, JULY 20

8:30 - 10:00	CHIP Part 1: Left Main and Bifurcation PCI	All You Need to Know About Acute and Chronic Venous Disease (Case-based presentations)	Tricuspid Regurgitation Therapy Retreat (TR²): Innovations And Cases	Coronary Challenging Case Competition: Semifinals 1
10:00 - 10:30	Break and Exhibits			
10:30 - 12:00	CHIP Part 2: Coronary Physiology and Imaging	Best of the Best Peripheral Artery, Vein and Aortic Cases (Case-based presentations)	Tricuspid Regurgitation Therapy Retreat (TR²): Innovations And Cases	Coronary Challenging Case Competition: Semifinals 2
12:00 - 1:30	Lunch Break			
1:30 - 3:00	CHIP Part 3: Complication Cases I	Innovation in Vascular Disease (Case-based presentations)	Mitral Innovations and Cases	Coronary Challenging Case Competition: Semifinals 3
3:00 - 3:30	Break and Exhibits			
3:30 - 5:00	CHIP Part 4: Acute Coronary Syndromes	Masters Approach to Critical Limb Ischemia I – Step-by-Step Technical Tips (Case-based presentations)	Ultimate Mitral Cases	Coronary Challenging Case Competition: Semifinals 4

FRIDAY, JULY 21

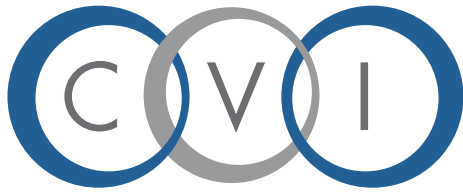
8:30 - 10:00	CHIP Part 5: Cardiogenic Shock	Aortoiliac Disease (Case-based presentations)	Aortic Innovations and Cases	Peripheral Challenging Case Competition: Semifinals 1
10:00 - 10:30	Break and Exhibits			
10:30 - 12:00	CHIP Part 6: Pharmacology and More	Common Femoral, SFA, and Popliteal Disease (Case-based presentations)	Ultimate Aortic Cases	Peripheral Challenging Case Competition: Semifinals 2
12:00 - 1:30	Lunch Break			
1:30 - 3:00	CHIP Part 7: CTOs	Peripheral and Aortic Intervention for Coronary and Structural Operators (Case-based presentations)	Left Atrial Appendage Closure Innovations	Structural Challenging Case Competition: Semifinals 1
3:00 - 3:30	Break and Exhibits			
3:30 - 5:00	CHIP Part 8: Calcification	Limb Salvage, Functional Amputation, Wounds and Podiatry (Case-based presentations)	Ultimate LAAC Cases	Structural Challenging Case Competition: Semifinals 2

SATURDAY, JULY 22

8:30 - 10:00	CHIP Part 9: The Guidelines	Master's Approach to Critical Limb Ischemia II (Case-based presentations)	Hail Mary Compassionate Use Case Symposium	
10:00 - 10:30	Break and Exhibits			
10:30 - 12:00	CHIP Part 10: Interventions and Beyond	Master's Approach to Critical Limb Ischemia III – Cases That Build Character (Case-based presentations)	Ultimate Structural Cases	
12:15 - 1:40	Cardiovascular Innovations Case Competition Finals			

TRACKS ■ CORONARY ■ PERIPHERAL ■ STRUCTURAL

*The most current agenda is
located within the mobile app.*



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Manoj Kesarwani, MD

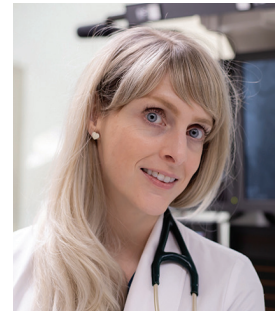
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Robert Stoler, MD
Jacqueline Tamis-Holland, MD
Olga Toleva, MD
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Poonam Velagapudi, MD
Robert Widmer, MD, PhD
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Catheterization Laboratory Edith
and Benson Ford Heart and
Vascular Institute
Henry Ford Hospital Henry Ford
Health System
Clinical Assistant Professor of
Medicine Wayne State University



Allison Hall, MD

Interventional Cardiologist/
Cardiologist
Co-Director CTO/CHIP Program
Clinical Assistant Professor
of Medicine
Eastern Health/Memorial
University of Newfoundland

STRUCTURAL

Gorav Ailawadi, MD
 Seun Alli, MD
 Nicholas Amoroso, MD
 Anita Asgar, MD
 Richard Bae, MD
 Vinayak Bapat, MBBS
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 Leo Marcoff, MD
 Timothy Mixon, MD

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Philippe G n reux, MD
 Medical Director,
 Structural Heart Program
 Gagnon Cardiovascular Institute,
 Morristown Medical Center, NJ



Nadira Hamid, MD
 Interventional Echocardiography
 Valve Science Center,
 Minneapolis Heart Institute
 Foundation
 Abbott Northwestern Hospital

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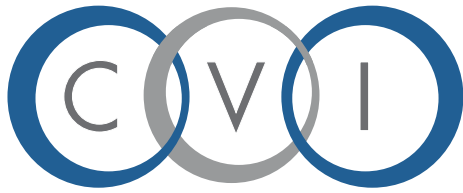
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Jun Li, MD
 Endovascular Interventional
 Cardiology, University Hospitals
 Harrington Heart &
 Vascular Institute
 Assistant Professor of Medicine,
 Case Western Reserve
 University School of Medicine



Shirling Tsai, MD
 Program Director,
 Vascular Surgery Fellowship and
 Integrated Residency Programs
 Department of Surgery,
 Division of Vascular Surgery,
 Dallas VA Medical Center
 UT Southwestern Medical Center



2023
THE OPERATORS ENCLAVE™

MODERATED
POSTERS

THURSDAY, JULY 20

Location: Salon 7

10 – 11 AM: CORONARY

Underutilization of Intracoronary Imaging in Acute Coronary Syndrome: A Real-World Single-Center Experience

Sohiub Assaf

Five Years Trend in Readmission and Outcome of CTO-PCI in the United States

Rajendra Shah

Acute Coronary Syndrome: Prevalence of Anxiety and Depression among patients

Hatem Abdelgawad

Impact of admission mean platelet volume on further left ventricular function in patients with ST-elevation myocardial infarction undergoing primary percutaneous coronary intervention

Asmaa Elbagoury

Sepsis-Induced Type 2 Myocardial Infarction: Unveiling its Association with Higher Hospital Mortality and Cardiovascular Events

Kamahl harrisingh

Outcomes of the REDUCE-HEMATOMA initiative: A multi-disciplinary model to address access site bleeding post percutaneous coronary intervention.

Ghadi Moubarak

Invasive Hemodynamic Monitoring in Cardiogenic Shock is Associated with Improved Clinical Outcomes: Insights from the Nationwide Readmissions Database in Early Mortality, Readmission Rates and Mechanical Circulatory Support Use

Fabricio Malaguez Webber

Comparative analysis of artificial intelligence techniques for Cardiogenic Shock: a nationwide analysis

Amar Patel

Predictors and Clinical Outcome of Successful Percutaneous Intervention in patients with Chronic Total Occlusion Coronary Artery Disease

Heba Radwan

The VA Beach Diet Study: Comparison of Plant-Based, Mediterranean, Paleolithic and DASH diets

Evan Old

Procedural time and outcomes of chronic total occlusion percutaneous coronary intervention: insights from the PROGRESS-CTO registry

Athanasios (Thanasis) Rempakos

Percutaneous vs Surgical Revascularization in Left Main Coronary Artery Disease: A Restricted Mean Survival Time Analysis of Randomized Trials

Ioannis Milioglou

3 – 4 PM: STRUCTURAL

Valve-in-valve transcatheter aortic valve replacement for small degenerated stentless bioprosthesis: A unique experience

Ghadi Moubarak

Valve-in-valve transcatheter aortic valve replacement for degenerated redo-surgical bioprostheses: A unique experience

Ghadi Moubarak

Comparison of STS score and Baseline Comorbidities between Patients Undergoing Interventional TEE to Guide Transcatheter edge-to-edge Mitral valve repair Versus Standard of Care TEE

Ayman Alsaadi

Pulmonary Haemodynamics In Patients With Chronic Kidney Disease Before Starting Renal Replacement Therapy

Fouad Fawzy

Key Insights from Fourteen Cases of Unsuccessful Coronary Artery Engagement after Transcatheter Aortic Valve Replacement with the Analysis of Multislice Computed Tomography Before and After Valve Replacement

Asa Phichaphop

Prolonged riloncept treatment in rhapsody long-term extension provided persistence reduction of pericarditis recurrence risk.

Wycliffe Odhiambo

3 – 4 PM: PERIPHERAL

Outcomes of Femoropopliteal Interventions: Data from XLPAD Registry

Srikant Patlolla

Disproportionate Racial and Gender Representation in Clinical Studies Evaluating Drug Coated Balloons in PAD-CTLI

Geoff Thomas

Use of Intravenous Ultrasound During Endovascular Treatment of Infrainguinal Peripheral Artery Chronic Total Occlusion in the XLPAD Registry

Sarah Weideman

Comparative outcomes of Below-The-Knee Chronic Total Occlusion endovascular interventions

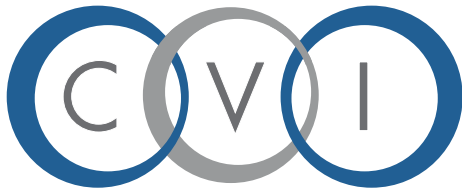
David Fernandez Vazquez

Algorithmic Based Approaches to Vascular Risk Management

Andrew Schindler

Bioengineering: Infrarenal Aortic Stent Graft Explantation Device

Solyman Hatami



2023
THE OPERATORS ENCLAVE™

MODERATED
POSTERS

FRIDAY, JULY 21

Location: Salon 7

10 – 11 AM: CORONARY

Early Clinical Outcomes of Patients Receiving Intraaortic Balloon Pump Versus Micro Axial flow pump in Patients with Takotsubo Cardiomyopathy: Analysis from Nationwide Readmissions Database

Sun-Joo Jang

The Egyptian transition towards Telemedicine during the COVID-19 pandemic: Cross-sectional survey

Ahmed Elsayed

Dynamic Coronary Roadmap for contrast, and radiation time reduction during coronary Intervention (DRM-COR)

Ahmed Elsayed

Comprehensive CT Guided Coronary Artery Bypass Graft Surgery: Preliminary findings

Hannah Cornwell

Longitudinal In-silico Biomechanical Study of Patient-Specific Atherosclerotic Arteries Reveals Key Mechanically Mediated Remodeling Features

Jeremy Warren

Left distal radial artery approach versus conventional radial artery for coronary angiography

Mohamed Alam

Cardiac arrest patients presenting to hospitals at weekends are not subject to the weekend effect: Insights from ACALM Big data, United Kingdom.

Rahul Potluri

Significance of aVR lead in acute coronary syndrome

Mina Seha

Comparing Neointimal Healing Score after Contemporary Extraplaque Vs. Intaplaque CTO Recanalization: A 6-Months OCT Follow-up Study

Peter Selwanos

Timing Matters: Unraveling the Impact of Weekend Admissions on Heart Failure Outcomes - Insights from the Latest National Database

Kamahl Harrisingh

Invasive Hemodynamic Monitoring in Patients with Cardiogenic Shock has Increased Over Time: Insights in Trends for Early Mortality, Readmission Rates and Mechanical Circulatory Support Use from the National Readmissions Database

Fabricio Malaguez Webber

The Use of TIMI Score to Predict MACE and Mortality in Patients with Chest Pain Hospitalized with COVID-19

Hywel Soney

International Psychological Well-being Survey of Interventional Cardiologists

Michaela Alexandrou

Comparing Outcomes between Cardiac Computed Tomography prior to Invasive Coronary Angiogram versus Coronary Angiogram Alone in Patients with Suspected Coronary artery Disease with Prior Coronary Bypass Surgery: A Metaanalysis

Varun Kohli

3 – 4 PM: STRUCTURAL

Investigating the Risk of Gastrointestinal Bleeding in Anticoagulated Patients with Heyde Syndrome: A Systematic Review

Angela Khidhir

Correlation between central aortic stiffness indices and cardiac mechanics in hypertensive patients: new insights from speckle tracking echocardiography imaging

Dalia Marzouk

Comparison of In-hospital outcomes and Thirty-day readmission rates and mortality between patients who underwent TAVR versus SAVR in patients with liver cirrhosis: Results from Nationwide Readmissions Database Registry

Abhinav Aggarwal

Functional and Structural Differences Between in Atrial and Ventricular Functional Mitral Regurgitation

Hideki Koike

Abnormal LV flow profile detected by 4D flow CMR in obesity despite normal LV ejection fraction

Mark Ranasinghe

Early Tricuspid Regurgitation Progression in Patients with Left-sided Valvular Heart Disease Correction

Cheng Wang

Three Dimensional Echocardiography Navigation of the mitral valve in patients with left ventricular dysfunction and functional mitral regurgitation

Juliette Mesak (Bahgat)

Cardioprotective effect of c-kit positive amniotic fluid mesenchymal stem cells in in-vitro model of myocardial ischemia reperfusion injury

Manali Jain

Usefulness of preprocedural computed tomography in surgical aortic valve sizing

Atsushi Okada

MitraClip 30-Day Readmissions: 5-year trend from Nationwide Readmission Database 2016-2020

Rajendra Shah

Causes of Malfunction of Bioprostheses Inserted Percutaneously in the Aortic-Valve Position in Patients whose Native Aortic Valve was Congenitally Bicuspid and Stenotic

Minseob Jeong



2023
THE OPERATORS ENCLAVE™

THURSDAY
JULY 20, 2023

STRUCTURAL HEART DISEASE TRACK

NOTE: All presentations are in Central Standard Time (CST)

THURSDAY, JULY 20

Tricuspid Regurgitation Therapy Retreat (TR²): Innovations and Cases

SALON 1 - 4

Moderators:

Anita Asgar, MD and Paul Sorajja, MD

Panelists:

Richard Bae, MD; Steve Bolling, MD; and Hursh Naik, MD

8:30	KEYNOTE: Lessons from Surgery for Transcatheter Tricuspid Therapy	Steve Bolling, MD
8:40	Panel Discussion	All Panelists
8:50	Ultimate Tricuspid Case (#1): Concise Case Evaluation for Transcatheter Repair	Nadira Hamid, MD
8:55	Panel Discussion	All Panelists
9:05	Ultimate Tricuspid Case (#2): My Most Challenging Transcatheter Case for 2023	Anita Asgar, MD
9:10	Panel Discussion	All Panelists
9:20	Ultimate Tricuspid Case (#3): Percutaneous Valve Replacement	Nicholas Amoroso, MD
9:25	Panel Discussion	All Panelists
9:35	Ultimate Tricuspid Case (#4): Many Coaptation Planes to Treat	Richard Bae, MD
9:40	Panel Discussion	All Panelists
9:50	Ultimate Tricuspid Case (#5): Coaptation Restoration	Molly Szerlip, MD
9:55	Panel Discussion	All Panelists
10:00	Break	

Tricuspid Regurgitation Therapy Retreat (TR²): Innovations and Cases

SALON 1 - 4

Moderators:

Gorav Ailawadi, MD and Molly Szerlip, MD

Panelists:

Vinayak Bapat, MBBS; Steve Bolling, MD; Nadira Hamid, MD; and Bruce Rutkin, MD

10:30	KEYNOTE: My Wish List for the Roll-out of Transcatheter TR therapy	Paul Sorajja, MD
10:40	Panel Discussion	All Panelists
10:50	Ultimate Tricuspid Case (#6): Complex Transcatheter Repair	Jonathan Schwartz, MD
10:55	Panel Discussion	All Panelists
11:05	Ultimate Tricuspid Case (#7): Valve-in-valve Challenge	Seun Alli, MD
11:10	Panel Discussion	All Panelists
11:20	Ultimate Tricuspid Case (#8): Surgical Tricuspid Innovation	Steve Bolling, MD
11:25	Panel Discussion	All Panelists
11:35	Ultimate Tricuspid Case (#9): Percutaneous Valve Replacement	Firas Zahr, MD
11:40	Panel Discussion	All Panelists
11:50	Ultimate Tricuspid Case (#10): Gratitude for ICE	Hursh Naik, MD
11:55	Panel Discussion	All Panelists
12:00	Lunch Break See symposia schedule on page 6 for available lunch symposia and activities	

TRACKS CORONARY PERIPHERAL STRUCTURAL

NOTE: All presentations are in Central Standard Time (CST)

THURSDAY, JULY 20

Mitral Innovations and Cases

SALON 1 - 4

Moderators:

Vinayak Bapat, MBBS, and Paul Sorajja, MD

Panelists:

Suzanne Baron, MD; Abdallah El Sabbagh, MD; Mark Ricciardi, MD; and Lucy Safi, DO

1:30	KEYNOTE: Transcatheter Mitral Therapy: What Do We Have to Look Forward To?	<i>Vinayak Bapat, MBBS</i>
1:40	<i>Panel Discussion</i>	<i>All Panelists</i>
1:50	Ultimate Mitral Case (#1): ICE Imaging Success in Mitral Therapy	<i>Mark Ricciardi, MD</i>
1:55	<i>Panel Discussion</i>	<i>All Panelists</i>
2:05	Ultimate Mitral Case (#2): New Technique I Learned in the Last Year	<i>Suzanne Baron, MD</i>
2:10	<i>Panel Discussion</i>	<i>All Panelists</i>
2:20	Ultimate Mitral Case (#3): Leaflet Paucity and Transcatheter Success	<i>Abdallah El Sabbagh, MD</i>
2:25	<i>Panel Discussion</i>	<i>All Panelists</i>
2:35	Ultimate Mitral Case (#4): Neo-LVOT Maximation	<i>Pradeep Yadav, MD</i>
2:40	<i>Panel Discussion</i>	<i>All Panelists</i>
2:50	Ultimate Mitral Case (#5): Challenging Valve-in-ring	<i>Sachin Goel, MD</i>
2:55	<i>Panel Discussion</i>	<i>All Panelists</i>
3:00	Break	

Ultimate Mitral Cases

SALON 1 - 4

Moderators:

Gagan Singh, MD and Firas Zahr, MD

Panelists:

Steve Bolling, MD; Brannon Hyde, MD; Stephen Little, MD; and Nishtha Sodhi, MD

3:30	KEYNOTE: Innovations in Mitral Imaging	<i>Joao Cavalcante, MD</i>
3:40	<i>Panel Discussion</i>	<i>All Panelists</i>
3:50	Ultimate Mitral Case (#6): Repair of Complex Mitral Pathology	<i>Moody Makar, MD</i>
3:55	<i>Panel Discussion</i>	<i>All Panelists</i>
4:05	Ultimate Mitral Case (#7): Transcatheter Replacement Challenge	<i>Marvin Eng, MD</i>
4:10	<i>Panel Discussion</i>	<i>All Panelists</i>
4:20	Ultimate Mitral Case (#8): Surgical Knowledge Helped This Transcatheter Case	<i>Moritz Wyler von Ballmoos, MD</i>
4:25	<i>Panel Discussion</i>	<i>All Panelists</i>
4:35	Ultimate Mitral Case (#9): A New Transcatheter Repair Boundary Crossed	<i>Anene Ukaigwe, MBBS</i>
4:40	<i>Panel Discussion</i>	<i>All Panelists</i>
4:50	Ultimate Mitral Case (#10): A Case of Why You'll Always Need a TEE for Mitral Therapy	<i>Elana Koss, MD</i>
4:55	<i>Panel Discussion</i>	<i>All Panelists</i>
5:00	Adjourn See symposia schedule on page 6 for available dinner symposia and activities	



PERIPHERAL TRACK

NOTE: All presentations are in Central Standard Time (CST)

THURSDAY, JULY 20

All You Need to Know About Acute and Chronic Venous Disease (Case-based presentations)

SALON 6

Moderators:

Teresa Carman, MD and Karem Harth, MD

Panelists:

Mahesh Anantha Narayanan, MD; Benjamin Colvard, MD; Chadi Dib, MD; Christopher Huff, MD; Muneir Nazzal, MD; and Ahmad Younes, MD

8:30	How to Differentiate and Manage Venous Edema, Lymphedema, and Lipdema	Teresa Carman, MD
8:38	Panel Discussion	All Panelists
8:45	When Should I Consider Endovenous Ablation and Which Approach	Karem Harth, MD
8:53	A Case of Venous Ulcer	Jane Mi Chung, MD
9:01	Technical Aspect of Chronic Venous Intervention - What I Should have Known When I Started	Christopher Huff, MD
9:09	Panel Discussion	All Panelists
9:16	May Thurner - When, Why, and How to Treat	Mahesh Anantha Narayanan, MD
9:24	Acute DVT Post ATTRACT, Patient Selection and Approach	Manoj Thangam, MD
9:32	Panel Discussion	All Panelists
9:39	PERT, Catheter-Based Thrombolysis or Non-lytic Based Approach for Pulmonary Embolism	Yulanka Castro-Dominguez, MD
9:47	A Case of Complex Venous Filter Retrieval	Chadi Dib, MD
9:55	Panel Discussion	All Panelists
10:00	Break	

Best of the Best Peripheral Artery, Vein and Aortic Cases (Case-based presentations)

SALON 6

Moderators:

Subhash Banerjee, MD and Mehdi Shishehbor, DO, MPH, PhD

Panelists:

Benjamin Colvard, MD; John Eidt, MD; Jun Li, MD; Chris Metzger, MD; and Peter Monteleone, MD

10:30	SFA Stent Fracture	Zachary Rosol, MD
10:38	Radial to Peripheral Case: What's Possible?	Sameh Sayfo, MD
10:46	Aortoiliac Reentry	Chris Metzger, MD
10:54	Ultralow Contrast PVI	Anand Prasad, MD
11:02	Panel Discussion	All Panelists
11:11	Aortic Endoleaks, When and How to Tackle?	John Eidt, MD
11:19	Ascending Aortic Pseudoaneurysm	Benjamin Colvard, MD
11:27	Endovascular CFA Approach	Jun Li, MD
11:35	Strategies for Successful DVA: Lessons Learnt	Mehdi Shishehbor, DO, MPH, PhD
11:43	Large Bore Access for PCI	Subhash Banerjee, MD
11:51	Panel Discussion	All Panelists
12:00	Lunch Break See symposia schedule on page 6 for available lunch symposia and activities	

TRACKS ■ CORONARY ■ PERIPHERAL ■ STRUCTURAL

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THURSDAY, JULY 20

Innovation in Vascular Disease (Case-based presentations)

SALON 6

Moderators:

Subhash Banerjee, MD and Mehdi Shishehbor, DO, MPH, PhD

Panelists:

Gary Ansel, MD; Benjamin Colvard, MD; Mazin Foteh, MD; Kim Smolderen, PhD; Shirling Tsai, MD; and Christopher White, MD

1:30	DOACs, NOACs, and Coumadin - How do I Decide When Treating DVT?	<i>Teresa Carman, MD</i>
1:38	<i>Panel Discussion</i>	<i>All Panelists</i>
1:46	Transcervical Carotid Artery Stenting - Will it Change Our Practice?	<i>Mazin Foteh, MD</i>
1:53	Technical Aspect of Deep Venous Arterilization for No Option CLI	<i>Mehdi Shishehbor, DO, MPH, PhD</i>
2:01	<i>Panel Discussion</i>	<i>All Panelists</i>
2:09	When Do I Use IVUS During Peripheral Intervention?	<i>Zach Rosol, MD</i>
2:16	Managing Severe Calcification	<i>Peter Soukas, MD</i>
2:24	<i>Panel Discussion</i>	<i>All Panelists</i>
2:31	Supply Chain - Blessing or Curse? Innovative Approaches to Reduce Cost	<i>Gary Ansel, MD</i>
2:39	<i>Panel Discussion</i>	<i>All Panelists</i>
2:46	5 Inventions and Techniques that has Changed My Endovascular Practice	<i>Peter Schneider, MD</i>
2:54	<i>Panel Discussion</i>	<i>All Panelists</i>
3:00	Break	

Masters Approach to Critical Limb Ischemia I: Step-by-Step Technical Tips (Case-based presentations)

SALON 6

Moderators:

Mehdi Shishehbor, DO, MPH, PhD and Arthur Lee, MD

Panelists:

Subhash Banerjee, MD; Benjamin Colvard, MD; Jaafer Golzar, MD; Osamu Iida, MD; Jun Li, MD; and Nicolas Shammam, MD, PhD

3:30	Duplex US Technique for Pedal and Tibial Access	<i>Jaafer Golzar, MD</i>
3:38	Retrograde SFA, Popliteal, and In-Stent Access	<i>Arthur Lee, MD</i>
3:46	Radial 2 Peripheral, Tips and Tricks	<i>Sameh Sayfo, MD</i>
3:54	<i>Panel Discussion</i>	<i>All Panelists</i>
4:01	Algorithm to Cross Infrainguinal CTOs	<i>Subhash Banerjee, MD</i>
4:09	Building a Community Vascular Practice	<i>Ahmad Younes, MD</i>
4:17	Wire Choice and Approaches to Cross Tibial CTOs	<i>Osamu Iida, MD, PhD</i>
4:25	<i>Panel Discussion</i>	<i>All Panelists</i>
4:32	Re-entry (CART, RCART, Parallel Balloon, Facilitaed, Pioneer, Outback, Enteer)	<i>Matthew Bunte, MD</i>
4:40	<i>Panel Discussion</i>	<i>All Panelists</i>
4:47	A SFA/Popliteal Case I Could Not Cross with Antegrade Approach	<i>Jun Li, MD</i>
4:55	<i>Panel Discussion</i>	<i>All Panelists</i>
5:00	Adjourn See symposia schedule on page 6 for available dinner symposia and activities	



CORONARY TRACK

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THURSDAY, JULY 20

CHIP Part 1: Left Main and Bifurcation PCI

SALON 5

Moderators:

Amit Amin, MD and Vladimir Dzavik, MD

Panelists:

Hayder Hashim, MD; Kathleen Kearney, MD; Louis Kohl, MD; Daniel Kolansky, MD; Paul Poommipanit, MD; and Jeffrey Schussler, MD

8:30	Year in Review: Left Main and Bifurcation PCI	Vladimir Dzavik, MD
8:40	Panel Discussion	All Panelists
8:50	LM/Bifurcation Case 1	Yashashvi Chugh, MD
8:55	Panel Discussion	All Panelists
9:05	LM/Bifurcation Case 2	Faisal Latif, MD
9:10	Panel Discussion	All Panelists
9:20	LM/Bifurcation Case 3	Robert Stoler, MD
9:25	Panel Discussion	All Panelists
9:35	LM/Bifurcation Case 4: My Worst Case of the Year	Jason Wollmuth, MD
9:40	Panel Discussion	All Panelists
9:50	LM/Bifurcation Case 5: My Best Case of the Year	Mauricio Cohen, MD
9:55	Panel Discussion	All Panelists
10:00	Break	

CHIP Part 2: Coronary Physiology and Imaging

SALON 5

Moderators:

Arnold Seto, MD and Olga Toleva, MD

Panelists:

Chadi Alraies, MD; Amit Amin, MD; Farouc Jaffer, MD, PhD; Manoj Kesarwani, MD; and Louis Kohl, MD

10:30	Year in Review: Coronary Physiology Publications	Arnold Seto, MD
10:40	Panel Discussion	All Panelists
10:50	Year in Review: Coronary Intravascular Imaging Publications	Evan Shlofmitz, MD
10:55	Panel Discussion	All Panelists
11:05	Coronary Physiology: Case 1	Konstantinos Marmagkiolis, MD
11:10	Panel Discussion	All Panelists
11:20	Coronary Physiology: Case 2	Hayder Hashim, MD
11:25	Panel Discussion	All Panelists
11:35	Coronary Imaging: Case 1	Farshad Forouzandeh, MD
11:40	Panel Discussion	All Panelists
11:50	Coronary Imaging: Case 2	Debraj Das, MD
11:55	Panel Discussion	All Panelists
12:00	Lunch Break See symposia schedule on page 6 for available lunch symposia and activities	

NOTE: All presentations are in Central Standard Time (CST)

THURSDAY, JULY 20

CHIP Part 3: Complication Cases I

SALON 5

Moderators:

Khaldoon Alaswad, MD and William Lombardi, MD

Panelists:

Konstantinos Charitakis, MD; Rhian Davies, MD; Farshad Forouzandeh, MD; Jaikirshan Khatri, MD; Ashish Pershad, MD; and Jacqueline Saw, MD

1:30	Year in Review: PCI Complication Publications	Rhian Davies, MD
1:40	<i>Panel Discussion</i>	All Panelists
1:50	Complication Cases 1: Closed the Vessel	Amer Alaiti, MD
1:55	<i>Panel Discussion</i>	All Panelists
2:05	Complication Cases 2: Perforated the Vessel	Houman Khalili, MD
2:10	<i>Panel Discussion</i>	All Panelists
2:20	Complication Cases 3: I am stuck...	Usman Baber, MD
2:25	<i>Panel Discussion</i>	All Panelists
2:35	Complication Cases 4: My Worst Complication of the Past Year	Kendrick Shunk, MD
2:40	<i>Panel Discussion</i>	All Panelists
2:50	Complication Cases 5: My Best Save of the Past Year	Thomas Tsai, MD
2:55	<i>Panel Discussion</i>	All Panelists
3:00	Break	

CHIP Part 4: Acute Coronary Syndromes

SALON 5

Moderators:

Timothy Henry, MD and Binita Shah, MD

Panelists:

Salman Arain, MD; Rajiv Gulati, MD; Prashant Kaul, MD; Megha Prasad, MD; Jacqueline Tamis-Holland, MD; and Poonam Velagapudi, MD

3:30	Year in Review: ACS Management Publications	Rajiv Gulati, MD
3:40	<i>Panel Discussion</i>	All Panelists
3:50	Thrombectomy State-of-the-Art	Anand Prasad, MD
3:55	<i>Panel Discussion</i>	All Panelists
4:05	ACS Case 1	Konstantinos Marmagkiolis, MD
4:10	<i>Panel Discussion</i>	All Panelists
4:20	ACS Case 2	Nkechinyere Ijioma, MD
4:25	<i>Panel Discussion</i>	All Panelists
4:35	ACS Case 3: My Worst Case of the Year	Darshan Doshi, MD
4:40	<i>Panel Discussion</i>	All Panelists
4:50	ACS Case 4: My Best Case of the Year	Michael Megaly, MD
4:55	<i>Panel Discussion</i>	All Panelists
5:00	Adjourn See symposia schedule on page 6 for available dinner symposia and activities	



CORONARY TRACK

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THURSDAY, JULY 20

Coronary Challenging Case Competition: Semifinals 1

SALON 8

Moderators: Khaldoun Alaswad, MD and Kevin Croce, MD, PhD

Panelists: Usman Baber, MD; Allison Hall, MD; Wissam Jaber, MD; and Mitul Patel, MD

Each competitor is given 5 minutes to present their case followed by 5 minutes of Q&A by the panelists.

8:30		
8:40	The culprit dilemma in ACS	<i>Bassam Hennawy, MD</i>
8:50	A Case of Coronary Artery Dissection and Perforation in a Severe Three Vessel Coronary Artery Disease with Chronic Total Occlusion	<i>Simeon Villangca, MD</i>
9:00	Syncope, Is it your head or your heart?	<i>Rafik Ibrahim, MD</i>
9:10	Series of unfortunate events	<i>Mina Youssef, MD</i>
9:20	A perfect 10 - Complete Revascularisation	<i>Rahul Potluri, MD</i>
9:30	Protruded RCA Ostial stent...How to manage?	<i>Ahmad Awad, MD</i>
9:40	A non-conventional use of Carlino trick in a device-uncrossable in-stent CTO	<i>Ahmad Abdelhamid, MD</i>
9:50	Simple start, unpredictable end	<i>George Shenoda, MD</i>
10:00	Break	

Coronary Challenging Case Competition: Semifinals 2

SALON 8

Moderators: Mazen Abu-Fadel, MD and Rhian Davies, MD

Panelists: Yashashvi Chugh, MD; Darshan Doshi, MD; Paul Poommipanit, MD; and Ashish Pershad, MD

Each competitor is given 5 minutes to present their case followed by 5 minutes of Q&A by the panelists.

10:30	MINOCA as ACS	<i>Mena Ghattas (Gamal), MD</i>
10:40	The difficult choice in a challenging profile:DK-Crush in a patient with achondroplasia	<i>Peter Selwanos, MD</i>
10:50	Dissection or lesion ??	<i>Mina Seha</i>
11:00	Easy at first then tough all through, a CTO story	<i>Ahmed Kamal, MD</i>
11:10	In CTO PCI, you should trust your instincts	<i>Dalia Marzouk, MD</i>
11:20	Rare case of ACS	<i>Mina Shenouda, MD</i>
11:30	Left main quadrifurcation and LCX CTO	<i>Mohamed Oraby, MD</i>
11:40	CTO PCI in woven anomaly	<i>Michael Gergis, MD</i>
11:50		
12:00	Lunch Break See symposia schedule on page 6 for available lunch symposia and activities	

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THURSDAY, JULY 20

Coronary Challenging Case Competition: Semifinals 3

SALON 8

Moderators: Jerrold Grodin, MD and Farouc Jaffer, MD

Panelists: Mauricio Cohen, MD; Faisal Latif, MD; Konstantinos Marmagkiolis, MD; and Saroj Neupane, MD

Each competitor is given 5 minutes to present their case followed by 5 minutes of Q&A by the panelists.

1:30	First incident of Acute Coronary Syndrome STEMI in an 85 year old with previous CVA	<i>Emmanuel Oduware, MD</i>
1:40	PTCA of LM and Left circumflex, in a patient with anomalous origin LCA from right coronary sinus	<i>Rajeev Bhardwaj, DM</i>
1:50	Elsayed-Coronary-LIMA vs Native	<i>Ahmed Elsayed, MD</i>
2:00	Antagonizing Complications, How to deal	<i>Mohamed Alam, MD</i>
2:10	Broken, Not Bent	<i>Katherine Lutz, MD</i>
2:20	TherOx Supersaturated Oxygen Therapy for Inferior Wall Myocardial Infarction	<i>Humail Patel, MD</i>
2:30	Blocking Balloon Technique to Rescue Stent Balloon Rupture Causing Acute Vessel Closure	<i>Milan Ravishankar, MD</i>
2:40	Plaque Rupture Cannot Hide from OCT	<i>Michael Kopstein, MD</i>
2:50	Paving the way for the tough job; a retrograde PCI for RCA CTO in a post CABG patient	<i>Ahmad Abdelhamid, MD</i>
3:00	Drug Eluting Balloon Strategy in Setting Patients with Acute Coronary Syndrome	<i>Mega Febrianora, MD</i>
3:10	Break	

Coronary Challenging Case Competition: Semifinals 4

SALON 8

Moderators: Amit Amin, MD and Arnold Seto, MD

Panelists: Hayder Hashim, MD; Jeffrey Schussler, MD; Evan Shlofmitz, MD; and Kendrick Shunk, MD, PhD

Each competitor is given 5 minutes to present their case followed by 5 minutes of Q&A by the panelists.

3:30	A Simple Complication	<i>Sudhir Thotakura, MD</i>
3:40	Chest pain after RCA to RA fistula closure: A diagnostic dilemma	<i>Olayinka Adebolu, MD</i>
3:50	Recurrent very late stent thrombosis	<i>Ramprakash Devadoss, MD</i>
4:00	Tortuous RCA, No flow and ACS	<i>Preeti Jadhav</i>
4:10	Gadolinium and Intravascular Ultrasound Imaging: A hybrid approach for coronary and graft study in patient with Stevens-Johnson Syndrome	<i>Chloe Theeuwes, MD</i>
4:20	A challenging Wiring Technique: Crossing at a Steep Angle	<i>Modar Alom, MD</i>
4:30	Distorted Ostial Coronary Stent Masquerading as a Type A Aortic Dissection	<i>Thuy Pham, DO</i>
4:40	Infection to Infarction: The Sneaky Culprit	<i>Gulmohar Singh-Kucukarslan, MD</i>
4:50	A Case of Impella ECP: Small Pump, Similar Protection for Complex PCI	<i>Ankitkumar Patel, MD, MPH</i>
5:00	Adjourn See symposia schedule on page 6 for available dinner symposia and activities	



STRUCTURAL HEART DISEASE TRACK

NOTE: All presentations are in Central Standard Time (CST)

FRIDAY, JULY 21

Aortic Innovations and Cases

SALON 1 - 4

Moderators:

Adnan Chhatriwalla, MD and Vinod Thourani, MD

Panelists:

Ethan Korngold, MD; Giuseppe Tarantini, MD, PhD; Moritz Wyler von Ballmoos, MD, PhD, MPH; and Steve Yakubov, MD

8:30	KEYNOTE: The Landscape of Innovations in Transcatheter Aortic Valve Therapy	Phillippe G�n�reux, MD
8:40	Panel Discussion	All Panelists
8:50	Ultimate Aortic Case (#1): AR Management	Nicholas Amoroso, MD
8:55	Panel Discussion	All Panelists
9:05	Ultimate Aortic Case (#2): Basilica Success Through Imaging	Lucy Safi, DO
9:10	Panel Discussion	All Panelists
9:20	Ultimate Aortic Case (#3): Ultimate Balloon Valve Fracturing	Ethan Korngold, MD
9:25	Panel Discussion	All Panelists
9:35	Ultimate Aortic Case (#4): TAVR Challenge	Steve Yakubov, MD
9:40	Panel Discussion	All Panelists
9:50	Ultimate Aortic Case (#5): A New TAVR Technical Discovery	Rahul Sharma, MD
9:55	Panel Discussion	All Panelists
10:00	Break	

Ultimate Aortic Cases

SALON 1 - 4

Moderators:

Phillippe G n reux, MD and Michael Reardon, MD

Panelists:

Nicholas Amoroso, MD; Janarthanan Sathanathan, MD; William Shi, MD, PhD; and Steve Yakubov, MD

10:30	KEYNOTE: Optimizing Lifetime Management Strategies for TAVR	Janarthanan Sathanathan, MD
10:40	Panel Discussion	All Panelists
10:50	Ultimate Aortic Case (#7): A TAVR Case for the Hybrid OR	Tsuyoshi Kaneko, MD
10:55	Panel Discussion	All Panelists
11:05	Ultimate Aortic Case (#8): Redo TAVR	Giuseppe Tarantini, MD, PhD
11:10	Panel Discussion	All Panelists
11:20	Ultimate Aortic Case (#9): Novel Implant Optimization	Bruce Rutkin, MD
11:25	Panel Discussion	All Panelists
11:35	Ultimate Aortic Case (#10): Unsuccessful Bicuspid Therapy with TAVR	William Shi, MD, PhD
11:40	Panel Discussion	All Panelists
11:50	Ultimate Aortic Case (#11): Successful Bicuspid Therapy with TAVR	Vijay Iyer, MD
11:55	Panel Discussion	All Panelists
12:00	Lunch Break See symposia schedule on page 6 for available lunch symposia and activities	

NOTE: All presentations are in Central Standard Time (CST)

FRIDAY, JULY 21

Left Atrial Appendage Closure Innovations

SALON 1 - 4

Moderators:

Jacqueline Saw, MD and Rahul P. Sharma, MBBS

Panelists:

Nadira Hamid, MD; Konstantinos Koulogiannis, MD; Devi Nair, MD; and Jason Rogers, MD

1:30	KEYNOTE: The Landscape of LAAC Innovations	Jacqueline Saw, MD
1:40	Panel Discussion	All Panelists
1:50	Ultimate Closure Case (#1): Challenging LAAC Closure	Muhamed Saric, MD
1:55	Panel Discussion	All Panelists
2:05	Ultimate Closure Case (#2): LAAC Device Misfit	Jason Rogers, MD
2:10	Panel Discussion	All Panelists
2:20	Ultimate Closure Case (#3): Catheter Choice and LAAC Success	Clifford Kavinsky, MD, PhD
2:25	Panel Discussion	All Panelists
2:35	Ultimate Closure Case (#4): A New Clinical Boundary Crossed with LAAC	Nishtha Sodhi, MD
2:40	Panel Discussion	All Panelists
2:50	Ultimate Closure Case (#5): An Innovative Technique in LAAC Closure	Devi Nair, MD
2:55	Panel Discussion	All Panelists
3:00	Break	

Ultimate LAAC Cases

SALON 1 - 4

Moderators: Devi Nair, MD and Carlos Sanchez, MD

Panelists: Moody Makar, MD; Vivian Ng, MD; Jason Rogers, MD; and Muhamed Saric, MD

3:30	KEYNOTE: Intracardiac Imaging for LAAC	Gagan Singh, MD
3:40	Panel Discussion	All Panelists
3:50	Ultimate Closure Case (#6): LAAC Leak Management (#1)	Clifford Kavinsky, MD, PhD
3:55	Panel Discussion	All Panelists
4:05	Ultimate Closure Case (#7): LAAC Leak Management (#2)	Steven Filby, MD
4:10	Panel Discussion	All Panelists
4:20	Ultimate Closure Case (#8): Imaging Saved This LAAC Procedure	Konstantinos Koulogiannis, MD
4:25	Panel Discussion	All Panelists
4:35	Ultimate Closure Case (#9): LAAC Malposition Management	Leo Marcoff, MD
4:40	Panel Discussion	All Panelists
4:50	Ultimate Closure Case (#10): My Most Difficult LAAC Case	Vivian Ng, MD
4:55	Panel Discussion	All Panelists
5:00	Adjourn See symposia schedule on page 6 for available dinner symposia and activities	



PERIPHERAL TRACK

NOTE: All presentations are in Central Standard Time (CST)

FRIDAY, JULY 21

Aortoiliac Disease (Case-based presentations)

SALON 6

Moderators:

John Eidt, MD and Chris Metzger, MD

Panelists:

Herbert Aronow, MD, MPH; Yulanka Castro-Dominguez, MD; Jae Cho, MD; Benjamin Colvard, MD; Nicolas Shammam, MD; Yoshimitsu Soga, MD, PhD; and Peter Soukas, MD

8:30	Supervised Exercise Program and Medical Therapy for Aortoiliac Disease	Herbert Aronow, MD, MPH
8:38	I Wish I had Sent This Aortoliac Occlusion to Surgery	Yulanka Castro-Dominguez, MD
8:46	Perforated Iliac, and How I Bail Myself Out	Peter Soukas, MD
8:54	Panel Discussion	All Panelists
9:01	Dissection Involving the Ascending Aorta	John Eidt, MD
9:09	Step by Step Approach to Crossing Aortic Occlusion, Approach and Role of IVUS	Yoshimitsu Soga, MD, PhD
9:17	Panel Discussion	All Panelists
9:24	How to Manage Nondilatable Heavily Calcified Iliacs	Chris Metzger, MD
9:32	Panel Discussion	All Panelists
9:39	Reentry in the Aorta or Iliacs, Case-Based	Nicholas Shammam, MD
9:47	Hybrid Approach to Aortoiliac Dissections	Benjamin Colvard, MD
9:55	Panel Discussion	All Panelists
10:00	Break	

Common Femoral, SFA, and Popliteal Disease (Case-based presentations)

SALON 6

Moderators:

Subhash Banerjee, MD and Jae Cho, MD

Panelists:

Yulanka Castro-Dominguez, MD; John Eidt, MD; Dmitry Feldman, MD; Michael Jolly, MD; Andrew Klein, MD

10:30	Endovascular Approach for Common Femoral Artery	Peter Soukas, MD
10:38	Heavily Calcified SFA, Master's Approach to Treat?	Jun Li, MD
10:46	Panel Discussion	All Panelists
10:53	Why and When I Use Atherectomy	Nicolas Shammam, MD
11:01	DCB, DES, Wire Interwoven, or Covered Stents, Segmentalized Approach to SFA and Popliteal Disease	Tarek Hammad, MD
11:09	Leave Nothing Behind, Hope or Hype?	Michael Jolly, MD
11:17	Panel Discussion	All Panelists
11:24	Surgical Approach to CFA, SFA and Popliteal Disease	Christian Bianchi, MD
11:32	Best CLI	Peter Schneider, MD
11:40	Best CLI Discussion	John Eidt, MD
11:48	SFA/Popliteal Case I Should Have Sent to Endovascular	Dmitry Feldman, MD
11:56	Panel Discussion	All Panelists
12:00	Lunch Break See symposia schedule on page 6 for available lunch symposia and activities	

TRACKS ■ CORONARY ■ PERIPHERAL ■ STRUCTURAL

NOTE: All presentations are in Central Standard Time (CST)

FRIDAY, JULY 21

Peripheral and Aortic Intervention for Coronary and Structural Operators (Case-based presentations)

SALON 6

Moderators:

Subhash Banerjee, MD and Mehdi Shishehbor, DO, MPH, PhD

Panelists:

Yulanka Castro-Dominguez, MD; John Lopez, MD; Peter Monteleone, MD; Peter Soukas, MD; and Robert Stoler, MD

1:30	Tackling Horizontal Arch During TAVR	<i>Giuseppe Tarantini, MD, PhD</i>
1:38	Cerebral Protection During TAVR	<i>Robert Stoler, MD</i>
1:46	Aortic Dissection During PCI	<i>John Lopez, MD</i>
1:54	Subclavian Artery Interventions	<i>Yulanka Castro-Dominguez, MD</i>
2:02	<i>Panel Discussion</i>	<i>All Panelists</i>
2:11	Chronic Iliocaval DVT	<i>Karem Harth, MD</i>
2:19	Calcified Iliac Lesions: Tips to Avoid Complications	<i>Peter Soukas, MD</i>
2:27	Closure Device Complications	<i>Anand Prasad, MD</i>
2:35	Axillary Artery Access: Setting Up for Success	<i>Subhash Banerjee, MD</i>
2:43	Medial Thigh Puncture: Setting Up for Success	<i>Mehdi Shishehbor, DO, MPH, PhD</i>
2:51	<i>Panel Discussion</i>	<i>All Panelists</i>
3:00	Break	

Limb Salvage, Functional Amputation, Wounds and Podiatry (Case-based presentations)

SALON 6

Moderators:

Teresa Carman, MD

Panelists:

Megan Oltmann, DPM and Karem Harth, MD

3:30	This is What I Want From My Revascularization Colleagues	<i>Teresa Carman, MD</i>
3:38	The ABCs of Wound Care	<i>Michael Maier, DPM</i>
3:46	<i>Panel Discussion</i>	<i>All Panelists</i>
3:53	Time to Redefine Critical Limb Ischemia	<i>Tarek Hammad, MD</i>
4:01	Imaging Prior to Open or Endovascular Lower Extremity Intervention	<i>Constantino Pena, MD</i>
4:09	<i>Panel Discussion</i>	<i>All Panelists</i>
4:16	What is a Functional Amputation?	<i>Megan Oltmann, DPM</i>
4:24	<i>Panel Discussion</i>	<i>All Panelists</i>
4:31	Mixed Venous and Arterial Ulcers, This is My Approach	<i>Karem Harth, MD</i>
4:39	<i>Panel Discussion</i>	<i>All Panelists</i>
4:46	Has BEST-CLI Changed My Practice?	<i>Bala Ramanan, MBBS</i>
4:54	<i>Panel Discussion</i>	<i>All Panelists</i>
5:00	Adjourn See symposia schedule on page 6 for available dinner symposia and activities	



CORONARY TRACK

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FRIDAY, JULY 21

CHIP Part 5: Cardiogenic Shock

SALON 5

Moderators:

Timothy Henry, MD and Navin Kapur, MD

Panelists:

Mir Basir, DO; Konstantinos (Dean) Boudoulas, MD; Simon Dixon, MD; Allison Hall, MD; Amirali Masoumi, MD; and Timothy Mixon, MD

8:30	Year in Review: Cardiogenic Shock Publications/Trials	Navin Kapur, MD
8:40	Panel Discussion	All Panelists
8:50	Cardiogenic Shock: Which is the Best Protocol?	Mir Basir, DO
8:55	Panel Discussion	All Panelists
9:05	Cardiogenic Shock: Case 1	Perwaiz Meraj, MD
9:10	Panel Discussion	All Panelists
9:20	Cardiogenic Shock: Case 2	Megha Prasad, MD
9:25	Panel Discussion	All Panelists
9:35	Cardiogenic Shock: Case 3	Konstantinos (Dean) Boudoulas, MD
9:40	Panel Discussion	All Panelists
9:50	Cardiogenic Shock: Case 4	Amirali Masoumi, MD
9:55	Panel Discussion	All Panelists
10:00	Break	

CHIP Part 6: Pharmacology and More

SALON 5

Moderators:

George Dangas, MD and Timothy Henry, MD

Panelists:

Jerrold Grodin, MD; Nkechinyere Ijioma, MD; Jairkirshan Khatri, MD; Faisal Latif, MD; Michael Megaly, MD; and Anand Prasad, MD

10:30	Antiplatelet Rx for PCI: State of the Art	Usman Baber, MD
10:40	Panel Discussion	All Panelists
10:50	Reversing Anticoagulation: When and How	George Dangas, MD
10:55	Panel Discussion	All Panelists
11:05	CAD in Women: What is Different?	Jacqueline Saw, MD
11:10	Panel Discussion	All Panelists
11:20	Refractory Angina Rx: Reducer and Beyond	Timothy Henry, MD
11:25	Panel Discussion	All Panelists
11:35	Angiography and PCI in TAVR Patients: When and How	John Lopez, MD
11:40	Panel Discussion	All Panelists
11:50	PCI for Cardiomyopathy after REVIVED	Jason Wollmuth, MD
11:55	Panel Discussion	All Panelists
12:00	Lunch Break See symposia schedule on page 6 for available lunch symposia and activities	

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FRIDAY, JULY 21

CHIP Part 7: CTOs

SALON 5

Moderators:

William Lombardi, MD and Alison Hall, MD

Panelists:

Salman Allana, MD; Darshan Doshi, MD; Ankur Gupta, MD; Kathleen Kearney, MD; and Jason Wollmuth, MD

1:30	Year in Review: CTO PCI Publications	Lorenzo Azzalini, MD, PhD
1:40	Panel Discussion	All Panelists
1:50	CTO Case 1	Srini Potluri, MD
1:55	Panel Discussion	All Panelists
2:05	CTO Case 2	Paul Poommipanit, MD
2:10	Panel Discussion	All Panelists
2:20	CTO Case 3	Farouc Jaffer, MD
2:25	Panel Discussion	All Panelists
2:35	CTO Case 4: My Worst Case of the Year	Rhian Davies, MD
2:40	Panel Discussion	All Panelists
2:50	CTO Case 5: My Best Case of the Year	Jaikirshan Khatri, MD
2:55	Panel Discussion	All Panelists
3:00	Break	

CHIP Part 8: Calcification

SALON 5

Moderators:

Rhian Davies, MD and Stephane Rinfret, MD

Panelists:

Amer Alaiti, MD; Houman Khalili, MD; John Lopez, MD; Konstantinos Marmagkiolis, MD; Thomas Tsai, MD; and Robert Widmer, MD, PhD

3:30	Year in Review: PCI of Heavily Calcified Lesions	Salman Allana, MD
3:40	Panel Discussion	All Panelists
3:50	Calcification Case 1	Konstantinos Charitakis, MD
3:55	Panel Discussion	All Panelists
4:05	Calcification Case 2	Kathleen Kearney, MD
4:10	Panel Discussion	All Panelists
4:20	Calcification Case 3	Ashish Pershad, MD
4:25	Panel Discussion	All Panelists
4:35	Calcification Case 4: My Worst Case of the Year	Saroj Neupane, MD
4:40	Panel Discussion	All Panelists
4:50	Calcification Case 5: My Best Case of the Year	Andrew Klein, MD
4:55	Panel Discussion	All Panelists
5:00	Adjourn See symposia schedule on page 6 for available dinner symposia and activities	



PERIPHERAL TRACK

NOTE: All presentations are in Central Standard Time (CST)

FRIDAY, JULY 21

Peripheral Challenging Case Competition: Semifinals 1

SALON 8

Moderators: Mazin Foteh, MD and Jun Li, MD

Panelists: Matthew Bunte, MD; Bailey Estes, MSN; Aravinda Nanjundappa, MBBS, MD; Siddhartha Rao, MD; and Anand Prasad, MD

Each competitor is given 5 minutes to present their case followed by 5 minutes of Q&A by the panelists.

8:30	Journey to The Center Of The Heart	Ahmed Elborae, MD
8:40	Femoropopliteal Pseudoaneurysm: A Rare Complication of Self-expanding Nitinol Stent Fracture	Kristopher Aten, DO
8:50	Right Innominate artery intervention via radial approach when transfemoral fails	Qais Radaideh, MD, MS
9:00	Sneaky Subclavian cause of post-CABG Steal Syndrome	Alexander Warner, MD
9:10	Stick, Snare, Shockwave, and Stent - How We Tackled Severe Bilateral Iliac Disease	Thuy Pham, DO
9:20	Wiring Dual-Layer Stenting Chronic Total Occlusions in Peripheral Arteries using an Astato wire: A unique Technical Report.	Modar Alom, MD
9:30	An unusual case of chest pain	Olayinka Adebolu, MD
9:40	Endovascular Treatment of Erectile Dysfunction Secondary to Tyrosine Kinase Inhibitor Associated Vasculopathy	Vijay Aaroha Kandula, MD
9:50	Endovascular Intervention of Femoral-Popliteal Bypass Graft Distal In-stent Restenosis via Transradial Approach	Thuy Pham, DO
10:00	Break	

Peripheral Challenging Case Competition: Semifinals 2

SALON 8

Moderators: Peter Monteleone, MD and Shirling Tsai, MD

Panelists: Matthew Bunte, MD; Mazin Foteh, MD; Aravinda Nanjundappa, MBBS, MD; Siddhartha Rao, MD; and Joji Vargese, MD

Each competitor is given 5 minutes to present their case followed by 5 minutes of Q&A by the panelists.

10:30	Peripheral_No fluoroscopy, No problem.	Tara Holder, MD
10:40	A Novel Method to Resolve Lead Associated Venous Occlusion During EP Procedures	Amit Koduri, MD
10:50	Endovascular Revascularization For a Rare Case Of IVC Obstruction	Richi Kashayp, MD
11:00	Intravascular Ultrasound-Guided Bilateral Vertebral Artery Intervention	Rahul Sawhney, DO
11:10	An Unusual Case of Chronic Limb Ischemia	William Miller, MD
11:20	Injury of the superficial femoral artery and posterior tibial artery associated with the atherectomy device	Ahmed Abdelwahab, MD
11:30	Deep Vein Arterialization (DVA)	Mohammed Alghamass, MD
11:40	Left Brachiocephalic Vein and SVC Occlusion with Angioplasty	Rafey Feroze, MD
11:50	Massive Pulmonary Embolism	Rafey Feroze, MD
12:00	Percutaneous Intervention of Surgically Repaired Partial Anomalous Pulmonary Venous Return	Samantha Espinosa, MD
12:10	Lunch Break See symposia schedule on page 6 for available lunch symposia and activities	

STRUCTURAL HEART DISEASE TRACK

NOTE: All presentations are in Central Standard Time (CST)

FRIDAY, JULY 21

Structural Challenging Case Competition: Semifinals 1

SALON 1 - 4

Moderators: Gagan Singh, MD and Rahul Sharma, MD

Panelists: Srinivas Iyengar, MD; Timothy Mixon, MD; and Lucy Safi, DO

Each competitor is given 5 minutes to present their case followed by 5 minutes of Q&A by the panelists.

1:30	TAVI using TEE guidance	Mostafa Abdrabou, MD
1:40	Feasibility of performing Transcatheter aortic valve intervention when no feasible access is available.	Anum Asif
1:50	Device closure of left coronary sinus to coronary sinus fistula	Rajeev Bhardwaj, DM
2:00	Incomplete Expansion of a Self-Expanding TAVR Device Leading to Hemodynamic collapse	Rajendra Shah, MD
2:10	A ticking Time Bomb: Cardiac Mass with Pulmonary and Systemic Embolization	Osama Alsayed, MD
2:20	Multiview Coronary Angiography To Determine Coronary Protection During ViV-TAVR	Ali Alsaad, MD
2:30	Leading the Way	Nahyr Lugo-fagundo, MD
2:40	When Less Is More: Annular Rupture During Transcatheter Aortic Valve Implantation	Luis Augusto Palma Dallan, MD
2:50	A Challenging case of Transcatheter Aortic Valve in Valve in Freestyle Aortic Valve as a Bridge to a Redo Surgical Aortic Valve Replacement	Mohammed Salih, MD
3:00	Break	

Structural Challenging Case Competition: Semifinals 2

SALON 1 - 4

Moderators: William Shi, MD and Firas Zahr, MD

Panelists: Rahul Sharma, MD and Jonathan Schwartz, MD

Each competitor is given 5 minutes to present their case followed by 5 minutes of Q&A by the panelists.

3:30	TAVR in Mitral Position	Weston McCowan, MD
3:40	A Complex TMVR Valve-in-Valve Case	Kishor Khanal, MD
3:50	Hypoxia in Interatrial Shunting and the Diagnostic Challenge	Syed Zamrak Khan, MD
4:00	Valve in Tendyne: First case of Tendyne outer frame degeneration.	Edoardo Zancanaro, MD
4:10	Somebody Pass the Duct Tape: Mitral Valve Repair with MitraClip and Plug	Alexander Sullivan, MD
4:20	Pacemaker Wire Manipulation for Tricuspid TEER	Konstantinos Voudris, MD, PhD
4:30	Hybrid Treatment of a Dehisced Bioprosthetic Valve and Large Pseudoaneurysm	Daniel Johnsrud, MD
4:40	You should revise the diagnosis !!	Moataz Mahmoud, Sr., MD
4:50	Structural_Mitral Valve Vegetation Angiovac Aspiration	Ayman Fath, MD
5:00	Adjourn See symposia schedule on page 6 for available dinner symposia and activities	



STRUCTURAL HEART DISEASE TRACK

NOTE: All presentations are in Central Standard Time (CST)

SATURDAY, JULY 22

Hail Mary Compassionate Use Case Symposium

SALON 1 - 4

Moderators:

Anita Asgar, MD and Firas Zahr, MD

Panelists:

Chad Kliger, MD; Jason Rogers, MD; and Paul Sorajja, MD

8:30	KEYNOTE: Success in the Compassionate Use Pathway	Firas Zahr, MD
8:40	Panel Discussion	All Panelists
8:50	Compassionate Use Case (#1)	Jason Rogers, MD
8:55	Panel Discussion	All Panelists
9:05	Compassionate Use Case (#2)	Vinod Thourani, MD
9:10	Panel Discussion	All Panelists
9:20	Compassionate Use Case (#3)	Anita Asgar, MD
9:25	Panel Discussion	All Panelists
9:35	Compassionate Use Case (#4)	Bruce Rutkin, MD
9:40	Panel Discussion	All Panelists
9:50	Compassionate Use Case (#5)	Chad Kliger, MD
9:55	Panel Discussion	All Panelists
10:00	Break	

Ultimate Structural Cases

SALON 1 - 4

Moderators:

Jason Rogers, MD and Paul Sorajja, MD

Panelists:

Omar Khaliq, MD; Vivian Ng, MD; and Andrew Rassi, MD

10:30	Ultimate Structural Case (#1): Pseudoaneurysm Closure	Wally Omar, MD
10:35	Panel Discussion	All Panelists
10:45	Ultimate Structural Case (#2): Challenge with Transcatheter Rail	Yashasvi Chugh, MD
10:50	Panel Discussion	All Panelists
11:00	Ultimate Structural Case (#3): Embolization Management	TBD
11:05	Panel Discussion	All Panelists
11:15	Ultimate Structural Case (#4): An Imaging Save	Stephen Little, MD
11:20	Panel Discussion	All Panelists
11:30	Ultimate Structural Case (#5): Plugs	Andrew Rassi, MD
11:35	Panel Discussion	All Panelists
11:45	Ultimate Structural Case (#6): Mother of all Structural Challenges	Adnan Chhatrwalla, MD
11:50	Panel Discussion	All Panelists
12:00	Adjourn	

PERIPHERAL TRACK

NOTE: All presentations are in Central Standard Time (CST)

SATURDAY, JULY 22

Master's Approach to Critical Limb Ischemia II (Case-based presentations)

SALON 6

Moderators:

Jae Cho, MD and Daniel Clair, MD

Panelists:

Matthew Bunte, MD; Bailey Estes, MSN; Chris Metzger, MD; Peter Monteleone, MD; Constantino Pena, MD; and Shirling Tsai, MD

8:30	My Challenges in Starting a PAD/CLI Program	Matthew Bunte, MD
8:38	Multidisciplinary Team - Why a Surgeon is a Must	Daniel Clair, MD
8:46	<i>Panel Discussion</i>	All Panelists
8:53	Lessons from BEST-CLI - Does Best CLI Apply to My Practice?	Mehdi Shishehbor, DO, MPH, PhD
9:01	I Should Have Sent This One for Bypass - Case-Based CLI	Jae Cho, MD
9:09	<i>Panel Discussion</i>	All Panelists
9:16	Hybrid Approach to Multilevel CLI, Case-Based	Benjamin Colvard, MD
9:24	Deep Vein Arterialization: Procedure Technique and Tips	Siddharth Rao, MD
9:32	Deep Vein Arterialization Case Review	Shilpkumar Arora, MD, MPH
9:40	<i>Panel Discussion</i>	All Panelists
9:47	Limbs Salvage Board, The Future of Multidisciplinary Team	Tarek Hammad, MD
9:55	<i>Panel Discussion</i>	All Panelists
10:00	Break	

Master's Approach to Critical Limb Ischemia III: Cases That Build Character (Case-based presentations)

SALON 6

Moderators:

Subhash Banerjee, MD and Mehdi H. Shishehbor, DO, MPH, PhD

Panelists:

Daniel Clair, MD; Philip Goodney, MD; Christopher Huff, MD; Andrew Klein, MD; Peter Monteleone, MD; and Joji Vargese, MD

10:30	Carotid Stenting Gone Wrong	Daniel Clair, MD
10:38	<i>Panel Discussion</i>	All Panelists
10:45	Aortic Perforation	Philip Goodney, MD
10:53	<i>Panel Discussion</i>	All Panelists
11:00	CFA Intervention I Am Proud Of	Aravinda Nanjundappa, MBBS, MD
11:08	<i>Panel Discussion</i>	All Panelists
11:15	This SFA CTO was a Nightmare	Mohammad Ansari, MD
11:23	<i>Panel Discussion</i>	All Panelists
11:30	My Worst Atherectomy Case	Peter Monteleone, MD
11:38	<i>Panel Discussion</i>	All Panelists
11:45	Chronic Venous Cavoiliac I Am Proud Of	Christopher Huff, MD
11:53	<i>Panel Discussion</i>	All Panelists
12:00	Adjourn	



2023
THE OPERATORS ENCLAVE™

SATURDAY
JULY 22, 2023

CORONARY TRACK

NOTE: All presentations are in Central Standard Time (CST)

SATURDAY, JULY 22

CHIP Part 9: The Guidelines

SALON 5

Moderators:

Dmitriy Feldman, MD and Jacqueline Tamis-Holland, MD

Panelists:

Lorenzo Azzalini, MD, PhD; Mauricio Cohen, MD; Simon Dixon, MD; and Andrew Klein, MD; Jennifer Rymer, MD

8:30	Coronary Revascularization Guidelines: Take Home Messages	Jacqueline Tamis-Holland, MD
8:40	Panel Discussion	All Panelists
8:50	SCAI Expert Consensus Statement on Out-of-Hospital Cardiac Arrest	Timothy Henry, MD
8:55	Panel Discussion	All Panelists
9:05	SCAI Expert Consensus Statement on PCI Without On-Site Surgical Backup	Poonam Velagapudi, MD
9:10	Panel Discussion	All Panelists
9:20	SCAI Position Statement on Best Practices for Clinical Proctoring of New Technologies and Techniques	Dmitriy Feldman, MD
9:25	Panel Discussion	All Panelists
9:35	ACC/AHA/SCAI Advanced Training Statement on Interventional Cardiology 2023	Jacqueline Tamis-Holland, MD
9:40	Panel Discussion	All Panelists
9:50	SCAI Position Statement on Best Practices for Percutaneous Axillary Arterial Access and Training	Chadi Alraies, MD
9:55	Panel Discussion	All Panelists
10:00	Break	

CHIP Part 10: Interventions and Beyond

SALON 5

Moderators:

William Fearon, MD and Ajay Kirtane, MD

Panelists:

Salman Allana, MD; Chadi Alraies, MD; Nkechinyere Ijioma, MD; Timothy Mixon, MD; Simon Dixon, MD; Simon Dixon, MD and Srin Potluri, MD

10:30	The Future of Adjunctive PCI Pharmacotherapy	Jennifer Rymer, MD
10:40	Panel Discussion	All Panelists
10:50	Coronary CTA for PCI	Salman Allana, MD
10:55	Panel Discussion	All Panelists
11:05	The Future Coronary Physiology	William Fearon, MD
11:10	Panel Discussion	All Panelists
11:20	The Future of Intracoronary Imaging	Ziad Ali, MD
11:25	Panel Discussion	All Panelists
11:35	What is CHIP and How to Train for It	Ajay Kirtane, MD
11:40	Panel Discussion	All Panelists
11:50	Radiation Protection State-of-the-Art	Simon Dixon, MD
11:55	Panel Discussion	All Panelists
12:00	Adjourn	

TRACKS CORONARY PERIPHERAL STRUCTURAL

NOTE: All presentations are in Central Standard Time (CST)

SATURDAY, JULY 22

Cardiovascular Innovations Case Competition Finals

SALON 5

Moderators:

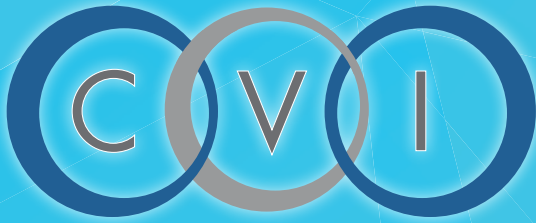
Jun Li, MD and Shirling Tsai, MD

Panelists:

Subhash Banerjee, MD; Emmanouil Brilakis, MD, PhD; Mehdi Shishehbor, DO, MPH, PhD; and Paul Sorajja, MD

Each competitor is given 5 minutes to present their case followed by 5 minutes of Q&A by the panelists.

12:15	Case 1: Coronary
12:25	Case 2: Coronary
12:35	Case 3: Coronary
12:45	Case 4: Coronary
12:55	Case 1: Peripheral
1:05	Case 2: Peripheral
1:15	Case 1: Structural
1:25	Case 2: Structural
1:35	Awards Presentation
1:40	Adjourn



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