

COMPLEX INTERVENTIONAL CARDIOVASCULAR THERAPY

A CASE-BASED WORKSHOP

The Westin Pasadena

CONFERENCE AGENDA

FRIDAY, JULY 15, 2022

7:00 am **REGISTRATION / CONTINENTAL BREAKFAST**

Industry exhibition

7:25 am **WELCOME AND INTRODUCTION**

Issam D. Moussa, MD, Joseph De Gregorio, MD, Horst Sievert, MD

CORONARY INTERVENTIONS WORKSHOP

Moderators: *Issam D. Moussa, MD, Joseph De Gregorio, MD, Horst Sievert, MD*

DEBATES

WHAT IS THE GOLD STANDARD FOR DIAGNOSIS OF OBSTRUCTIVE CAD? CONFUSION REIGNS!

Panelists: *Steve Bailey, MD, Malcolm Bell, MD, Morton Kern, MD*

Angiographic coronary disease burden is more predictive than ischemia for prognosis:

7:30 am **Yes, here is the evidence!**

Gregg Stone, MD (via Zoom)

7:38 am **No, here is the evidence!**

Morton Kern, MD

7:46 am **Q&A**

7:51 am **Is Invasive FFR still the gold standard to guide PCI! How do we reconcile the negative recent evidence?**

Rajiv Gulati, MD

7:59 am **Invasive Angio-FFR is the future! The Cath Works Platform**

Amir Kaki, MD

8:07 am **C'mon Man! A paradigm shift is overdue! CTFFR is the new gold standard for initial ischemia evaluation**

John Messenger, MD

8:15 am **Q&A**

MULTIVESSEL CAD: MEDICAL THERAPY VS. PCI VS. CABG: WHY CAN'T WE AGREE ON THE BEST THERAPY DESPITE DECADES OF CLINICAL TRIALS!

Panelists: *Gregory Fontana, MD, Paul Teirstein, MD, Ron Waksman, MD*

8:25 am **Case introduction: 3 Patients with 3 vessel CAD: How would you treat?**

TBD

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Medical Therapy Should Always be Tried First:

8:30 am **Yes, here is the evidence!**
Malcolm R. Bell, MD

8:38 am **No, it depends!**
Somjot Brar, MD

8:46 am Q&A

The 2021 Coronary Revascularization Guidelines Downgraded CABG survival benefit in patients with 3 vessel CAD, compared to medial therapy:

8:51 am **I agree with the decision: Here is why!**
Ron Waksman, MD

8:59 am **I disagree with the decision: Here is why!**
Gregory Fontana, MD

9:07 am Q&A

When PCI is considered, FFR guided decision making improve outcomes!

9:12 am **I agree, here is the evidence!**
Morton Kern, MD

9:20 am **I disagree, here is the evidence!**
Paul Teirstein, MD

9:28 am Q&A

9:33 am **Cases conclusion**
TBD

9:41 am **Break and Exhibit Visit**

STENT DESIGN AND DAPT DURATION IN PATIENTS AT HIGH BLEEDING RISK

Panelists: *Anthony Hilliard, MD, Roxana Mehran, MD, Arnold Seto, MD*

Debate: All available 3rd generation DES are similarly effective in reducing thrombotic risk:

10:10 am **I agree. Here is the evidence!**
Ravi Dave, MD

10:16 am **I disagree. Here is the evidence!**
Steven R. Bailey, MD

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Debate: 4 weeks of DAPT after DES is safe and effective

10:22 am **I agree: Here is the evidence!**

Ramin Ebrahimi, MD

10:28 am **Not always.....It Depends!**

Joaquin Cigarroa, MD

10:34 am Q&A

PHARMACOLOGICAL AND DEVICE-BASED MANAGEMENT IN ACUTE CORONARY SYNDROMES

Panelists: *Joaquin Cigarroa, MD, Michael Lee, MD, Pranav Patel, MD*

Antiplatelet therapy

10:44 am **Pre-PCI Cangrelor should be utilized more often in selected patients: Here is why!**

George Dangas, MD

10:50 am **The universe of post DES Ticagrelor vs. Prasugrel controversy: A critical appraisal of the evidence!**

Roxana Mehran, MD

10:56 am **Genotype-Guided P2Y12 selection should be the gold standard to guidepost DES antiplatelet therapy**

Naveen Pereira, MD

11:02 am Q&A

Mechanical thrombectomy

11:12 am **There is consensus that the presence of coronary thrombus adversely affects outcome, yet current guidelines discourage its use! Time to rethink the paradox!**

Issam Moussa, MD

11:18 am **Why I use mechanical thrombectomy with Penumbra CAT RX in acute myocardial infarction:**

Case selection and benefits

Darshan Doshi, MD

11:24 am Q&A

11:34 am **Exhibit visit and Lunch Box**

CHIP SYMPOSIUM

Panelists: *Amir Kaki, MD, Paul Teirstein, MD, Ron Waksman, MD*

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12:00 pm	The axillary access for mechanical circulatory support devices: The good, the bad, and the unexpected! <i>Amir Kaki, MD</i>
12:10 pm	Transcatheter mechanical circulatory support with transcatheter mitral repair in cardiogenic shock <i>TBD, MD</i>
12:20 pm	Acute myocardial infarction in a severely calcified vessel <i>Mike Lee, MD</i>
12:30 pm	Case studies with the Impella 5.5 in refractory cardiogenic shock <i>George Batsides, MD</i>
12:40 pm	Q&A

HOW-TO WORKSHOP

HOW TO REVASCULARIZE COMPELX CTOs

Panelists: *Khaldoon Alaswad, MD, George Dangas, MD, Tim Fischell, MD*

1:00 pm	How to revascularize an ostial LAD CTO <i>Darshan Doshi, MD</i>
1:10 pm	How to revascularize a tortous and calcified RCA CTO <i>Tim Fischell, MD</i>
1:20 pm	Benefits and risks of retrograde access CTO PCI: Case Studies <i>Khaldoon Alaswad, MD</i>
1:30 pm	Q&A

HOW TO REVASCULARIZE COMPLEX SEVERELY CALCIFIED LESIONS

Panelists: *Maurice Buchbinder, MD, Philippe Genereux, MD, Stefan Kiesz, MD*

1:40 pm	PCI in severely calcified CAD: My first choice is still rotational atherectomy Case-based presentation <i>Firas Zahr, MD</i>
1:50 pm	PCI in severely calcified and tortous RCA: My first choice is orbital atherectomy Case-based presentation <i>Ramzan Zakir, MD</i>

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- 2:00 pm** **Shockwave balloon lithotripsy: How did it change my approach to calcified lesions!**
Case-based presentation
Evan Shlofmitz, MD
- 2:10 pm** Q&A
- 2:20 pm** **Break & exhibit visit**

INTRAVASCULAR IMAGING: HOW TO BEST LEVERAGE THE TOOL!

Panelists: *Steve Goldberg, MD, Jacqueline Saw, MD, Jonathan Tobis, MD*

- 2:50 pm** **How my approach to IVUS guided PCI evolved over the last 30 years! Then and now!**
Case-based presentation
Antonio Colombo, MD (Virtual)
- 3:00 pm** **How to use OCT to optimize PCI results and limit contrast use**
Case-based presentation
Evan Shlofmitz, MD
- 3:10 pm** Q&A
- 3:20 pm** **Large Bore Closure**
Axillary and femoral large bore closure: Case studies
Amir Kaki, MD
- 3:28 pm** Q&A

INNOVATIONS ON THE HORIZON!

Panelists: *Mohamad Alkhouli, MD, Subbarao Myla, MD, Ron Waksman, MD*

Renal Artery Denervation

- 3:36 pm** **Renal artery denervation for treatment of hypertension: Data update**
Somjot Brar, MD
- 3:44 pm** **Renal artery denervation: Emerging Technology and Indications**
Horst Sievert, MD
- 3:52 pm** ***Are we ablating the wrong target?***
Olujimi Ajijola, MD

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4:00 pm	Q&A
4:10 pm	Pulmonary Artery Denervation for Pulmonary Hypertension <i>Ori-Ben Yehuda, MD</i>
4:18 pm	Q&A
	Radiation Protection
4:26 pm	The Radiation Solution <i>Amir Belson, MD</i>
4:34 pm	Q&A

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CORONARY COMPLICATIONS

Panelists: *Rajiv Gulati, MD, Subbarao Myla, MD, Paul Teirstein, MD*

4:42 pm	Case 1 <i>TBD, MD</i>
4:47 pm	Q&A
4:57 pm	Case 2 <i>TBD, MD</i>
5:03 pm	Q&A
5:13 pm	Case 3 <i>TBD, MD</i>
5:18 pm	Q&A
5:30 pm	Adjourn

SATURDAY, JULY 16, 2022

7:00 am CONTINENTAL BREAKFAST

CATHETER-BASED VALVULAR AND STRUCTURAL INTERVENTIONS

Moderators: *Raj Makkar, MD, Issam D. Moussa, MD, Joseph De Gregorio, MD, Horst Sievert, MD*

RETHINKING STRUCTURAL CARDIAC ANATOMY

7:30 am	Minds-Eye Virtual Reality: The New Gold Standard for Teaching Cardiac Anatomy! <i>Kalyanam Shivkumar, MD</i>
7:40 am	Q&A

TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVR)

Panelists: *Gregory Fontana, MD, Samir Kapadia, MD, Ron Waksman, MD*

7:45 am	Top 10 lessons learned after 15 years of TAVR experience <i>Raj Makkar, MD</i>
7:55 am	Q&A

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Debate: A 62 yo patient with bicuspid aortic valve stenosis

8:00 am **SAVR should be the first choice**
Gregory Fontana, MD

8:08 am **TAVR should be the 1st choice! Why? Which valve?**
Ron Waksman, MD

8:16 am Q&A

Debate: How to reduce the need for PPM post TAVR

8:21 am **Sapien 3 valve: Electrophysiologic anatomic mapping overlay: Case studies**
Olca Aksoy, MD

8:29 am **Evolute valve: The cusp overlap technique is the gold standard: Case studies**
Firas Zahr, MD

8:37 am Q&A

Debate: When transfemoral access is not an option what's your 2nd choice?

8:42 am **Fix it! Role of Lithotripsy and covered stents**
Michael Wilderman, MD

8:50 am **Transcarotid/Transaxillary /Transcaval access is the way to go!**
Philippe Genereux, MD

8:58 am Q&A

Debate: How to optimize TAVR for valve-in-valve procedures: Valve choice and ring fracture

9:03 am **How I do it! – Sapien 3 valve**
Tarun Chakravarty, MD

9:11 am **How I do it! – Evolute Valve**
Gregory Fontana, MD

9:19 am Q&A

Debate: TAVR-Cerebral protection devices

9:24 am **Carotid artery-based protection is the way to go!**
Samir Kapadia, MD

9:32 am **Aortic arch sealing devices is the way to go!**
Issam Moussa, MD

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9:40 am	Q&A
9:45 am	TAVR for aortic regurgitation: Current state and future innovations Case studies <i>Raj Makkar, MD</i>
9:55am	Q&A
10:00 am	It's time to move away from transvenous pacing: The Opsen platform Case studies <i>Philippe Genereux, MD</i>
10:05 am	Q&A
10:10 am	Break & exhibit visit

TRANSCATHETER MITRAL VALVE REPAIR / REPLACEMENT

Panelists: Ralph Stephan von Bardeleben, MD, Steve Goldberg, MD, Samir Kapadia, MD

10:30 am	Transcatheter mitral valve repair: tailoring device to anatomy when all devices are available (edge to edge repair, annuloplasty, etc.) Case studies <i>Ralph Stephan von Bardeleben, MD</i>
10:40 am	Q&A
10:45 am	TMVR – valve-in-valve: Procedure planning and trouble shooting Case studies <i>Samir Kapadia</i>
10:55 am	Q&A
11:00 am	Mitra valve replacement : Technology pipeline and case studies Case studies <i>Raj Makkar, MD</i>
11:10 am	Q&A

TRANSCATHETER TRICUSPID VALVE REPAIR / REPLACEMENT

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Panelists: *Ralph Stephan von Bardeleben, MD*, Maurice Buchbinder, MD, Samir Kapadia, MD, MD

11:15 am **Transcatheter tricuspid valve repair: tailoring device to anatomy when all devices are available**
Case studies
Ralph Stephan von Bardeleben, MD

11:25 am Q&A

11:30 am **Tricuspid valve replacement : Technology pipeline and case studies**
Case studies
Samir Kapadia, MD

11:40 am Q&A

Debate: Intra-Procedure Imaging for transcatheter tricuspid valve interventions

11:45 am ***TEE remains the gold standard***
Ralph Stephan von Bardeleben, MD

11:53 am ***ICE is an ideal imaging modality for Tricuspid repair***
Mohamad Alkhouli, MD

12:01 pm Q&A

TRANSCATHETER PULMONARY VALVE REPLACEMENT

12:09 pm **Case studies and state of the evidence**
Jamil Aboulhosn, MD

12:19 pm Q&A

12:30 pm **Break and Lunch Box**

LEFT ATRIAL APPENDAGE (LAA) CLOSURE

Panelists: *Mohamad Alkhouli, MD*, Matthew Price, MD, Jacqueline Saw, MD

1:00 pm **Is Pre-Procedure Imaging Really Needed? Why? What modality?**
Case studies
Jacqueline Saw, MD

1:10 pm Q&A

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- 1:15 pm** **ICE is an ideal intra procedure imaging modality**
Case studies
Mohamad Alkhouli, MD
- 1:25 pm** Q&A
- 1:30 pm** **Tailoring LAA closure device choice to LAA Anatomy**
Case studies
Horst Sievert, MD
- 1:40 pm** Q&A

PFO / ASD Closure

Panelists: *Jamil Aboulhosn, MD, Jonathan Tobis, MD, Firas Zahr, MD*

- 1:45 pm** **PFO closure: What will it take for neurologists to believe in the evidence?**
Jonathan Tobis, MD
- 1:55 pm** Q&A
- 2:00 pm** **ASD closure: Tailoring device to anatomy**
Case Studies
Jamil Aboulhosn, MD
- 2:10 pm** Q&A

INNOVATIONS IN DEVICE-BASED HEART FAILURE THERAPIES

Panelists: *Ralph Stephan von Bardeleben, MD, Kalyanam Shivkumar, MD, Ron Waksman, MD*

- 2:15 pm** **Innovations in SHD clinical trial design**
Ori Ben-Yehuda, MD
- 2:25 pm** Q&A
- 2:30 pm** **Interatrial septal shunts**
Horst Sievert, MD
- 2:40 pm** Q&A
- 2:45 pm** **Transcatheter ventricular reduction therapies**
Horst Sievert, MD
- 2:55 pm** Q&A

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3:00 pm **Vagal Nerve Neuromodulation**

Marmar Vaseghi, MD

3:10 pm Q&A

3:15 pm **Break & Coffee**

CHALLENGING SHD INTERVENTIONS

Moderators: *Mohamad Alkhoul, MD, Philippe Genereux, MD, Samir Kapadia, MD*

3:30 pm **Case 1**

John Messenger, MD

3:40 pm Q&A

3:45 pm **Case 2**

Issam Moussa, MD

3:55 pm Q&A

4:00 pm **Case 3**

TBD

4:10 pm Q&A

4:15 pm **Case 4**

TBD

4:25 pm Q&A

5:00 pm **CLOSING REMARKS / CONFERENCE ADJOURNMENT**