

STRUCTURAL HEART DISEASE TRACK NOTE: All presentations are in Mountain Time (MT)

THURSDAY, JULY 21

Aortic Innovations

Moderators:
Vinayat Bapat, MBBS, and Paul Sorajja, MD

Panelists:
Michael Reardon, MBChB, FRACP; Molly Szerlip, MD; Alan Zajarias, MD

8:30	The Landscape of Innovations in Transcatheter Aortic Valve Therapy	Vinayat Bapat, MD
8:37	Panel Discussion	All Panelists
8:45	Remaining Boundaries for Transcatheter Aortic Therapy	Pinak B. Shah, MD
8:52	Panel Discussion	All Panelists
9:00	The Promise of Novel Leaflet Technology	Michael Reardon, MBChB, FRACP
9:07	Panel Discussion	All Panelists
9:15	Does Bicuspid Disease Belong in TAVR?	Molly Szerlip, MD
9:22	Panel Discussion	All Panelists
9:30	Electrocautery for Aortic Valve Success	Alan Zajarias, MD
9:37	Panel Discussion	All Panelists
9:45	Transcatheter Therapy for Aortic Regurgitation	Steven Yakubov, MD
9:52	Panel Discussion	All Panelists
10:00	Break	

Ultimate Aortic Cases

Moderators:
Steven Yakubov, MD and Adnan Chhatriwalla, MD

Panelists:
Rahul Sharma, MD; Moritz Wyler von Ballmoos, MD

10:30	Ultimate Aortic Case (#1): Balloon Valve Fracturing and Remodeling	Adnan Chhatriwalla, MD
10:37	Panel Discussion	All Panelists
10:45	Ultimate Aortic Case (#2): Malposition and Reposition	Rahul Sharma, MD
10:52	Panel Discussion	All Panelists
11:00	Ultimate Aortic Case (#3): Aortic Root Management	Alan Zajarias, MD
11:07	Panel Discussion	All Panelists
11:15	Ultimate Aortic Case (#4): Coronary Rescue	Suzanne Baron, MD
11:22	Panel Discussion	All Panelists
11:30	Ultimate Aortic Case (#5): The Need for Using a Hybrid OR	Moritz Wyler von Ballmoos, MD
11:37	Panel Discussion	All Panelists
11:45	Ultimate Aortic Case (#6): Success for High Implant	Firas Zahr, MD
11:52	Panel Discussion	All Panelists
12:00	Lunch Break	

TRACKS ■ CORONARY ■ PERIPHERAL ■ STRUCTURAL

Tricuspid Regurgitation Therapy Retreat (TR2): The State Of The Field

Moderators:
Gorav Ailawadi, MD and Paul Sorajja, MD

Panelists:
Nadira Hamid, MD; Molly Szerlip, MD; Firas Zahr, MD; Omar Khaliq, MD; Neil Fam, MD

1:30	Novel Quantitative Techniques	Nadira Hamid, MD
1:36	Panel Discussion	All Panelists
1:40	Aspirations for Transcatheter TR Therapy	Dharam Khumbani, MD
1:46	Panel Discussion	All Panelists
1:50	Edge-to-Edge Techniques for TR	Neil Fam, MD
1:56	Panel Discussion	All Panelists
2:00	Percutaneous Annuloplasty for TR	Molly Szerlip, MD
2:06	Panel Discussion	All Panelists
2:10	Tricuspid Replacement in Native Valves	Firas Zahr, MD
2:16	Panel Discussion	All Panelists
2:20	How to Determine When the RV is Too Far Gone in TR	Omar Khaliq, MD
2:26	Panel Discussion	All Panelists
2:30	Clinical Trials and the Science of TR	Paul Sorajja, MD
2:36	Panel Discussion	All Panelists
2:40	Current and Future Surgery for TR	Vinayat Bapat, MBBS
2:46	Panel Discussion	All Panelists
2:50	Predictions for the Practice of TR	Gorav Ailawadi, MD
2:56	Panel Discussion	All Panelists
3:00	Break	

Tricuspid Regurgitation Therapy Retreat (TR2): Clinical Cases

Moderators:
Vinayat Bapat, MBBS and Firas Zahr, MD

Panelists:
Nadira Hamid, MD; Molly Szerlip, MD; Paul Sorajja, MD; Gorav Ailawadi, MD; Neil Fam, MD

3:30	Ultimate Tricuspid Case (#1): Imaging Challenge in TR	Richard Bae, MD
3:37	Panel Discussion	All Panelists
3:45	Ultimate Tricuspid Case (#2): Complex Transcatheter Edge-to-Edge Repair	Paul Sorajja, MD
3:52	Panel Discussion	All Panelists
4:00	Ultimate Tricuspid Case (#3): Success in Untreatable Disease	Firas Zahr, MD
4:07	Panel Discussion	All Panelists
4:15	Ultimate Tricuspid Case (#4): Percutaneous Valve Replacement	Molly Szerlip, MD
4:22	Panel Discussion	All Panelists
4:30	Ultimate Tricuspid Case (#5): Complicated TR Therapy	Gagan Singh, MD
4:37	Panel Discussion	All Panelists
4:45	Ultimate Tricuspid Case (#6): Percutaneous Valve Replacement	Vinayat Bapat, MBBS
4:52	Panel Discussion	All Panelists
5:00	Adjourn	

Dinner Symposium

The Heart Team: A Symposium for Advanced Practice Providers, Assistants, and Technicians

Chair: Marcus Burns, DNP

PERIPHERAL TRACK

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THURSDAY, JULY 21

Acute And Chronic Venous Disease States: Case-Based

Moderators:
Raghu Kolluri, MD and Teresa Carman, MD

Panelists:
Munier Nazzal, MD; Karem Harth, MD; Robert Attaran, MD; Tarek Hammad, MD; Jay Giri, MD

8:30	Endovenous Ablation Options for Venous Reflux	Raghu Kolluri, MD
8:38	Interventions in Chronic Deep Vein Thrombosis	Mahmood Razavi, MD
8:46	May Thurner Syndrome: Are we overtreating?	Karem Harth, MD
8:54	Interventions in Acute Deep Vein Thrombosis	Robert Attaran, MD
9:02	Panel Discussion	All Panelists
9:10	Is the Catheter Ruling PERT?	Matt Cavender, MD
9:18	Hemodynamic Support During PE Intervention	Beau Hawkins, MD
9:26	Panel Discussion	All Panelists
9:34	Treatment Dilemmas in CTEPH - New Frontier	Vikas Aggarwal, MD
9:42	Recanalization of EP Device Implants: Tools & Techniques	Jay Giri, MD
9:50	Panel Discussion	All Panelists
10:00	Break	

Complex Endovascular Cases From Masters

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

Panelists:
Carlos Timaran, MD; Dimitriy Feldman, MD; Alik Farber, MD; Sahil Parikh, MD; Chris Metzger, MD; Thomas Zeller, MD, PhD; Tony Das, MD; Ramon Varcoe, MBBS

10:30	Post-dissection Endorepair of the Thoracoabdominal Aorta	Carlos Timaran, MD
10:38	Covered Stents for Aortoiliac Intervention	Dimitriy Feldman, MD
10:46	Best Practice Use of DCB	Alik Farber, MD
10:54	Frontline Strategies to Tackle Calcification	Sahil Parikh, MD
11:02	My Standard Approach to Popliteal Lesions	Chris Metzger, MD
11:10	Panel Discussion	All Panelists
11:18	Acutely Thrombosed Lower Extremity Arteries	Thomas Zeller, MD, PhD
11:26	Aortoiliac CTO Crossing: Step-by-Step	Tony Das, MD
11:34	FP CTO Crossing: Step-by-Step	Ramon Varcoe, MBBS
11:42	BTK CTO Crossing	Constantino Pena, MD
11:50	Panel Discussion	All Panelists
12:00	Lunch Break	

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Vascular Disease Therapies: Established and Upcoming

Moderators:
Herbert Aronow, MD and Tony Das, MD

Panelists:
Sanjay Rajagopalan, MD; Shirling Tsai, MD; Thomas Zeller, MD, PhD; Teresa Carman, MD; Usman Baber, MD

1:30	When & How I Prescribe Rivoraxaban to PAD Patients	Herbert Aronow, MD
1:38	DOACs and Coumadin in DVT, My Approach in 2022?	Elissa Altin, MD
1:46	The case for PCSK-9 in PAD	Sanjay Rajagopalan, MD
1:54	Panel Discussion	All Panelists
2:01	WiFi Classification: How Do I Use It in My Practice	Teresa Carman, MD
2:09	Renal Denervation, Is it Really Coming Back?	Usman Baber, MD
2:17	Deep Venous Arterialization for No Option CLI, Is There Hope?	Mehdi Shishehbor, DO, MPH, PhD
2:25	Panel Discussion	All Panelists
2:32	My Top 5 Devices for Lower Extremity Revascularization	Peter Monteleone, MD
2:40	DCB Applications for BTK Interventions	Tony Das, MD
2:48	Complex FP/BTK Cases: This is How We Do It in Germany	Thomas Zeller, MD, PhD
2:56	Panel Discussion	All Panelists
3:00	Break	

Masters Approach to Critical Limb Ischemia I

Moderators:
Christopher White, MD and Sahil Parikh, MD

Panelists:
Bala Ramanan, MBBS; Jaafer Golzar, MD; Peter Soukas, MD; Yulanka Castro, MD; Ramon Varcoe, MBBS; Nicolas Shammas, MD

3:30	A SFA/Popliteal Case I Could Not Cross with Antegrade Approach	Christian Bianchi, MD
3:38	Duplex US Technique for Pedal and Tibial Access	Jaafer Golzar, MD
3:46	Retrograde SFA, Popliteal, and In-Stent Access	Mehdi Shishehbor, DO, MPH, PhD
3:54	Radial 2 Peripheral, Tips and Tricks	Jun Li, MD
4:02	Panel Discussion	All Panelists
4:10	Wire Choice and Approaches to Cross SFA and Popliteal CTOs	Thomas Zeller, MD
4:18	Wire Choice and Approaches to Cross Tibial	Peter Soukas, MD
4:26	My Atherectomy Device	Nicolas Shammas, MD
4:34	Algorithm to Cross Infringuinal CTOs	Subhash Banerjee, MD
4:42	Hybrid Crossing Of CTO - Cases I Learned the Most From	Matthew Bunte, MD, MS
4:50	Panel Discussion	All Panelists
4:58	How Does Crossing Impact My Treatment Strategy	Ramon Varcoe, MBBS
5:06	Panel Discussion	All Panelists
5:15	Adjourn	

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CHIP Part 1: Calcification

Moderators:
Khaldoon Alaswad, MD and Jason Wollmuth, MD

Panelists:
Salman Arain, MD; Wissam Jaber, MD; Kate Kearney, MD; Faisal Latif, MD; Stephane Rinfret, MD

8:30	Intravascular lithotripsy: The New Kid on the Block	Robert Riley, MD
8:38	Panel Discussion	All Panelists
8:45	Orbital and Rotational Atherectomy: Step-by-Step and Troubleshooting	Mitul Patel, MD
8:53	Panel Discussion	All Panelists
9:00	Severe Coronary Calcification: Which Device for Which Patient	Duane Pinto, MD
9:08	Panel Discussion	All Panelists
9:15	Imaging to Guide Rx of Calcified Lesions	Wissam Jaber, MD
9:23	Panel Discussion	All Panelists
9:30	PCI of Calcified Lesions: What Can Go Wrong (Perforation, Dissection, No-reflow and More)	Katherine Kunkel, MD
9:38	Panel Discussion	All Panelists
9:45	Imaging to Guide Rx of Calcified Lesions	Megha Prasad, MD
9:53	Panel Discussion	All Panelists
10:00	Break	

CHIP Part 2: Acute Coronary Syndromes

Moderators:
Timothy Henry, MD and Jacqueline Tamis-Holland, MD

Panelists:
Lorenzo Azzalini, MD; Rajiv Gulati, MD; Houman Khalili, MD; Michael Megaly, MD; Olga Toleva, MD; Thomas Tsai, MD

10:30	How to Manage Large Coronary Thrombus	Konstantinos Boudoulas, MD
10:38	Panel Discussion	All Panelists
10:45	Approach to the MINOCA Patient	Jacqueline Tamis-Holland, MD
10:53	Panel Discussion	All Panelists
11:00	How to Find the ACS Culprit Lesion(s)	Yader Sandoval, MD
11:08	Panel Discussion	All Panelists
11:15	Immediate or Staged Revascularization for STEMI Patients with Multivessel CAD	Faisal Latif, MD
11:23	Panel Discussion	All Panelists
11:30	SCAD: When and How to Intervene	Jacqueline Saw, MD
11:38	Panel Discussion	All Panelists
11:45	Success with Sphenous Vein Graft Failure	Kendrick Shunk, MD
11:53	Panel Discussion	All Panelists
12:00	Lunch Break	

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CHIP Part 3: Bifurcations and More

Moderators:
George Dangas, MD and Jaikirshan Khatri, MD

Panelists:
Lorenzo Azzalini, MD; Michael Luna, MD; Ashish Pershad, MD; Megha Prasad, MD; Poonam Velagapudi, MD

1:30	The Best Coronary Bifurcation Clinical Studies of the Last 2 Years	Lorenzo Azzalini, MD
1:38	Panel Discussion	All Panelists
1:45	I Just Lost the Side Branch.... Provisional Stenting Troubleshooting	Houman Khalili, MD
1:53	Panel Discussion	All Panelists
2:00	Bifurcation PCI: When to Use 2 Stents and How	Jason Wollmuth, MD
2:08	Panel Discussion	All Panelists
2:15	Physiology and Imaging for Bifurcation PCI	Chadi Alraies, MD
2:23	Panel Discussion	All Panelists
2:30	Left Main PCI: In Whom and How	Prashant Kaul, MD
2:38	Panel Discussion	All Panelists
2:45	How I Approach Stent Failure	Perwaiz Meraj, MD
2:53	Panel Discussion	All Panelists
3:00	Break	

CHIP Part 4: CTOs

Moderators:
William Lombardi, MD and Dimitri Karpaliotis, MD

Panelists:
Katherine Kunkel, MD; Allison Hall, MD; Jason Wollmuth, MD; Paul Poommipanit, MD; Lorenzo Azzalini, MD

3:30	The Year in Review: Most Important CTO Publications of the Past Year	Darshan Doshi, MD
3:38	Panel Discussion	All Panelists
3:45	Is CTO PCI Only Indicated for Symptom Improvement?	Stephane Rinfret, MD
3:53	Panel Discussion	All Panelists
4:00	CTO Crossing Algorithms: Have We Reached an Agreement?	Ashish Pershad, MD
4:08	Panel Discussion	All Panelists
4:15	Antegrade CTO Crossing in 2022: Best Tips and Tricks	Jaikirshan Khatri, MD
4:23	Panel Discussion	All Panelists
4:30	Retrograde CTO Crossing in 2022: Best Tips and Tricks	Dimitri Karpaliotis, MD
4:38	Panel Discussion	All Panelists
4:45	Subintimal Plaque Modification: When and How	Kate Kearney, MD
4:53	Panel Discussion	All Panelists
5:00	Adjourn	

CORONARY TRACK

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Coronary Challenging Case Competition: Semifinals 1

Moderators:
Jerrold Grodin, MD and Mauricio Cohen, MD

Panelists:
Allison Hall, MD; Houman Khalili, MD; Michael Luna, MD; Dimitri Karpaliotis, MD

8:30	
8:38	Panel Discussion
8:45	
8:53	Panel Discussion
9:00	
9:08	Panel Discussion
9:15	
9:23	Panel Discussion
9:30	
9:38	Panel Discussion
9:45	
9:53	Panel Discussion
10:00	Break

Coronary Challenging Case Competition: Semifinals 2

Moderators:
Megha Prasad, MD and Mitul Patel, MD

Panelists:
Yashashvi Chugh, MD; Paul Poommipanit, MD; Ashish Pershad, MD

10:30	
10:38	Panel Discussion
10:45	
10:53	Panel Discussion
11:00	
11:08	Panel Discussion
11:15	
11:23	Panel Discussion
11:30	
11:38	Panel Discussion
11:45	
11:53	Panel Discussion
12:00	Lunch Break

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Coronary Challenging Case Competition: Semifinals 3

Moderators:
Wissam Jaber, MD and Duane Pinto, MD

Panelists:
Salman Arain, MD; Katherine Kunkel, MD; Kendrick Shunk, MD; Yader Sandoval, MD; Faisal Latif, MD

1:30	
1:38	Panel Discussion
1:45	
1:53	Panel Discussion
2:00	
2:08	Panel Discussion
2:15	
2:23	Panel Discussion
2:30	
2:38	Panel Discussion
2:45	
2:53	Panel Discussion
3:00	Break

Coronary Challenging Case Competition: Semifinals 4

Moderators:
Prashant Kaul, MD and Jacqueline Saw, MD

Panelists:
Louis Kohl, MD; Perwaiz Meraj, MD; Poonam Velagapudi, MD; Evan Shlofmitz, MD

3:30	
3:38	Panel Discussion
3:45	
3:53	Panel Discussion
4:00	
4:08	Panel Discussion
4:15	
4:23	Panel Discussion
4:30	
4:38	Panel Discussion
4:45	
4:53	Panel Discussion
5:00	Adjourn

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FRIDAY, JULY 22

Interventional Heart Failure Symposium

Moderators: Peter Eckman, MD and Navin Kapur, MD

Panelists: Nir Uriel, MD; Nadira Hamid, MD; Dharam Khumbani, MD

8:30	The Mentality of the Interventional Heart Failure Specialist	Navin Kapur, MD
8:38	Panel Discussion	All Panelists
8:42	How to Decide on Ventricle vs. Valve For Treatment	Dharam Khumbani, MD
8:50	Panel Discussion	All Panelists
8:54	High Yield Peri-operative Manuevers for Mitral Therapy with Low EF	Peter Eckman, MD
9:02	Panel Discussion	All Panelists
9:06	Interventional Myocardial Solutions	Nadira Hamid, MD
9:14	Panel Discussion	All Panelists
9:18	Why and How to Evaluate the Myocardium Before Therapy	Omar Khalique, MD
9:26	Panel Discussion	All Panelists
9:30	Future State of Atrial Shunt Solutions: A Heart Failure Cardiologist's Perspective	Nir Uriel, MD
9:38	Panel Discussion	All Panelists
9:42	Future State of Atrial Shunt Solutions: Interventionalist's Perspective	Pinak K. Shah, MD
9:50	Panel Discussion	All Panelists
10:00	Break	

Mitral Innovations

Moderators: Michael Mack, MD, and Jason Rogers, MD

Panelists: Anita Asgar, MD; Vinold Thourani, MD; Tiffany Chen, MD; Steve Bolling, MD, Jonathan Schwartz, MD

10:30	The Landscape of Mitral Innovations in 2022	Michael Mack, MD
10:37	Panel Discussion	All Panelists
10:40	Techniques to Expand Mitral Eligibility	Vinod Thourani, MD
10:47	Panel Discussion	All Panelists
10:50	Percutaneous Annuloplasty Challenges and Solutions For MR	Steve Bolling, MD
10:57	Panel Discussion	All Panelists
11:00	Transcatheter Chordal Innovations for MR	Anita Asgar, MD
11:07	Panel Discussion	All Panelists
11:10	Choosing Transcatheter Repair or Replacement	Jason Rogers, MD
11:17	Panel Discussion	All Panelists
11:20	Success with Severe Mitral Annular Calcification	Paul Sorajja, MD
11:27	Panel Discussion	All Panelists
11:30	Intracardiac Imaging for Transcatheter Mitral Success	Jonathan Schwartz, MD
11:37	Panel Discussion	All Panelists
11:40	Integrating Advanced Imaging for Transcatheter Mitral Therapy	Tiffany Chen, MD
11:47	Panel Discussion	All Panelists
11:50	What's Needed for Future Transfemoral TMVR	Firas Zahr, MD
11:57	Panel Discussion	All Panelists
12:00	Lunch Break	

TRACKS ■ CORONARY ■ PERIPHERAL ■ STRUCTURAL

Ultimate Mitral Cases

Moderators: Vinod Thourani, MD and Oluseun Alli, MD

Panelists: Mark Ricciardi, MD; Suzanne Baron, MD; Lucy Safi, DO; Paul Sorajja, MD; Rahul P. Sharma, MBBS; Andrew Rassi, MD; Pradeep Yadav, MD

1:30	Ultimate Mitral Case (#1): Cleft Clipping	Mark Ricciardi, MD
1:36	Panel Discussion	All Panelists
1:40	Ultimate Mitral Case (#2): Electrocautery for Success	Rahul P. Sharma, MBBS
1:46	Panel Discussion	All Panelists
1:50	Ultimate Mitral Case (#3): Transcatheter Replacement	Pradeep Yadav, MD
1:56	Panel Discussion	All Panelists
2:00	Ultimate Mitral Case (#4): Paravalvular Challenges	Andrew Rassi, MD
2:06	Panel Discussion	All Panelists
2:10	Ultimate Mitral Case (#5): Edge-to-edge Therapy	Ashish Pershad, MD
2:16	Panel Discussion	All Panelists
2:20	Ultimate Mitral Case (#6): Treatment of Extreme Mitral Pathology	Vijay Iyer, MD, PhD
2:26	Panel Discussion	All Panelists
2:30	Ultimate Mitral Case (#7): Imaging Saved My Interventionalist	Lucy Safi, DO
2:36	Panel Discussion	All Panelists
2:40	Ultimate Mitral Case (#8): Balloon Valve Fracturing for Mitral Valve in Valve	Marvin Eng, MD
2:46	Panel Discussion	All Panelists
2:50	Ultimate Mitral Case (#9): TEER that Expands our Boundaries	Suzanne Baron, MD
2:56	Panel Discussion	All Panelists
3:00	Break	

Ultimate Structural Heart Cases (Part 1)

Moderators: Gagan Singh, MD and Ethan Korngold, MD

Panelists: Chad Kliger, MD; Richard Bae, MD; Paul Sorajja, MD; Konstantinos P. Koulogiannis, MD

3:30	Ultimate Structural Heart Case (#1): A Congenital Save	Anene Ukaigwe, MBBS
3:36	Panel Discussion	All Panelists
3:40	Ultimate Structural Heart Case (#2): Pseudoaneurysm Management	Tilak Pasala, MD
3:46	Panel Discussion	All Panelists
3:50	Structural Heart Ultimate Case (#3): Overcoming Imaging Challenges	David Rizik, MD
3:56	Panel Discussion	All Panelists
4:00	Structural Heart Ultimate Case (#4): Torrential MR	Chad Kliger, MD
4:06	Panel Discussion	All Panelists
4:10	Structural Heart Ultimate Case (#5): Don't Try This At Home	Ethan Korngold, MD
4:16	Panel Discussion	All Panelists
4:20	Structural Heart Ultimate Case (#6): Ultimate Interventional TEE	Konstantinos P. Koulogiannis, MD
4:26	Panel Discussion	All Panelists
4:30	Structural Heart Ultimate Case (#7): Valve-in-Ring	Ashish Pershad, MD
4:36	Panel Discussion	All Panelists
4:40	Structural Heart Ultimate Case (#8): Pulmonary Disease	Carlos Sanchez, MD
4:46	Panel Discussion	All Panelists
4:50	Structural Heart Ultimate Case (#9): Device and Leaflet Matching	Gagan Singh, MD
4:56	Panel Discussion	All Panelists
5:00	Adjourn	

Dinner Symposium: CVI Mitral Valve

Moderators: Gagan Singh, MD and Paul Sorajja, MD

6:30	Dinner & Registration	
7:00	How to Engage and Build a World Class Mitral Program	Firas Zahr, MD
7:05	Discussion	All Faculty
7:15	State-of-the-Art Procedural Imaging for Transcatheter Mitral Repair	Richard Bae, MD
7:20	Discussion	All Faculty
7:30	Essential and Beyond Essential Procedural Techniques for Transcatheter Mitral Repair Success	Anita Asgar, MD
7:35	Discussion	All Faculty
7:45	The Elementary Role of CV Surgery in Transcatheter Mitral Therapy	Moritz Wyler von Ballmoos, MD
7:50	Discussion	All Faculty
8:00	Best Transcatheter Mitral Repair Case of the Year	Adnan Chhatrwalla, MD
8:05	Discussion	All Faculty
8:15	Adjourn	

PERIPHERAL TRACK

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Case Presentation by the Masters

Moderators:
Subhash Banerjee, MD and Mehdi Shishehbor, DO, MPH, PhD
Panelists:
Alik Farber, MD; Christopher White, MD; Shirling Tsai, MD

8:30	Aortoiliac CTO	Thomas Zeller, MD, PhD
8:42	Panel Discussion	All Panelists
8:47	Femoropopliteal CTO	Sahil Parikh, MD
8:59	Panel Discussion	All Panelists
9:04	BTK CTO	Tony Das, MD
9:16	Panel Discussion	All Panelists
9:21	Extreme Calcification	Matthew Bunte, MD
9:33	Panel Discussion	All Panelists
9:38	Alternate Access Options	Carlos Mena, MD
9:50	Panel Discussion	All Panelists
10:00	Break	

Common Femoral, SFA, and Popliteal Disease

Moderators:
Elissa Altin, MD and Herbert Aronow, MD
Panelists:
Xiaoyi Teng, MD; Peter Monteleone, MD; Mohammad Ansari, MD; Constantino Pena, MD; Andrew Kline, MD

10:30	Is There a Role for Endovascular Treatment of the Common Femoral Artery?	Mohammad Ansari, MD
10:38	Cases - Technical Consideration for Complex Endovascular Therapy for CFA	Andrew Kline, MD
10:46	Approach to Heavily Calcified SFA	Zach Rosol, MD
10:54	New Devices That will Impact Endovascular Arterial Interventions	Peter Soukas, MD
11:02	DCB, DES, Wire Interwoven, or Covered Stents, Segmentalized Approach to SFA and Popliteal Disease	Thomas Zeller, MD
11:10	How Should I Use DCB in My Practice?	Constantino Pena, MD
11:18	Panel Discussion	All Panelists
11:25	Surgical Approach to CFA, SFA and Popliteal Disease	Christian Bianchi, MD
11:33	Is DCB + BMS = DES?	Beau Hawkins, MD
11:41	Complications of LE Arterial Revascularization: Lessons Learnt	Mazen Abu-Fadel, MD
11:49	Panel Discussion	All Panelists
12:00	Lunch Break	

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Aortoiliac Disease

Moderators:
Subhash Banerjee, MD and Mehdi Shishehbor, DO, MPH, PhD
Panelists:
Peter Monteleone, MD; Benjamin Colvard, MD; Nicolas Shammass, MD; Yoshimitsu Soga, MD, PhD; Mohammad Ansari, MD

1:30	Supervised Exercise Program and Medical Therapy for Aortoiliac Disease	Shirling Tsai, MD
1:38	I Wish I Had Sent This Aortoiliac Occlusion to Surgery	Mohammad Ansari, MD
1:46	Access Site Selection to Treat Aortoiliac Disease, Retrograde, Brachial, Radial	Dmitriy Feldman, MD
1:54	Panel Discussion	All Panelists
2:02	Step by Step Approach to Crossing Aortic Occlusion, Approach and Role of IVUS	Yoshimitsu Soga, MD
2:10	My Stent Selection Algorithm for Aortoiliacs	Peter Monteleone, MD, FACC, FSCAI
2:18	Panel Discussion	All Panelists
2:26	TASC D Aortoiliac Disease, Technical Considerations	Chris Metzger, MD
2:34	Hybrid Approach to Simultaneous Aortoiliac and CFA Disease	Benjamin Colvard, MD
2:42	Using Endografts to Treat Occlusive Aortoiliac Disease, When and How?	Alik Farber, MD
2:50	Panel Discussion	All Panelists
3:00	Break	

Limb Salvage and Wound Care

Moderators:
Raghu Kolluri, MD and Mehdi Shishehbor, DO, MPH, PhD
Panelists:
Georgeanna Botek, DPM; Mathew Bunte, MD

3:30	This is What I Want from My Revascularization Colleagues	Teresa Carman, MD
3:38	The ABCs of Wound Care	Teresa Carman, MD
3:46	Panel Discussion	All Panelists
3:54	Time to Address Disparities in CLTI Care	Beau Hawkins, MD
4:02	When to Use US, CTA or MRA Before Going to the Cath Lab	Constantino Pena, MD
4:10	Panel Discussion	All Panelists
4:18	What is a Functional Amputation?	Georgeanna Botek, DPM
4:26	Mixed Venous and Arterial Ulcers, This is My Approach	Raghu Kolluri, MD
4:34	This is What I Want from My Podiatry Colleagues	Matthew Bunte, MD
4:42	Must Read Articles in CLI	Peter Monteleone, MD, FACC, FSCAI
4:50	Panel Discussion	All Panelists
5:00	Adjourn	

CORONARY TRACK

NOTE: All presentations are in Mountain Time (MT)

FRIDAY, JULY 22

CHIP Part 5: Coronary physiology and imaging

Moderators:

William Fearon, MD and Ziad Ali, MD

Panelists:

Lorenzo Azzalini, MD; Yashasvi Chugh, MD; Farouc Jaffer, MD; Prashant Kaul, MD; Robert Riley, MD; Chadi Alraies, MD

8:30	IVUS Guided PCI: Update 2022	<i>Evan Shlofmitz, MD</i>
8:38	<i>Panel Discussion</i>	<i>All Panelists</i>
8:45	My Best IVUS Cases of the Year	<i>Katherine Kunkel, MD</i>
8:53	<i>Panel Discussion</i>	<i>All Panelists</i>
9:00	OCT-Guided PCI: Update 2022	<i>Hayder Hashim, MD</i>
9:08	<i>Panel Discussion</i>	<i>All Panelists</i>
9:15	My Best OCT Cases of the Year	<i>Amer Alaiti, MD</i>
9:23	<i>Panel Discussion</i>	<i>All Panelists</i>
9:30	Coronary Physiology: Update 2022	<i>Arnold Seto, MD</i>
9:38	<i>Panel Discussion</i>	<i>All Panelists</i>
9:45	Spasm and Microvascular Dysfunction: How to Assess in the Lab	<i>Olga Toleva, MD</i>
9:53	<i>Panel Discussion</i>	<i>All Panelists</i>
10:00	Break	

CHIP Part 6: Complication Cases I

Moderators:

Khaldoon Alaswad, MD and Stephane Rinfret, MD

Panelists:

Mazen Abu-Fadel, MD; Jerrold Grodin, MD; Sheila Sahni, MD; Binita Shah, MD; Jason Wollmuth, MD

10:30	Coronary Perforation State-of-the-Art Management in 2021	<i>Rajiv Gulati, MD</i>
10:38	<i>Panel Discussion</i>	<i>All Panelists</i>
10:45	I Just Lost a Stent...	<i>Poonam Velagapudi, MD</i>
10:53	<i>Panel Discussion</i>	<i>All Panelists</i>
11:00	Coronary and Aortocoronary Dissection: How to Prevent and Treat	<i>Paul Poomipanit, MD</i>
11:08	<i>Panel Discussion</i>	<i>All Panelists</i>
11:15	Air, Plaque and Thrombus Embolization: How to Revent and Treat	<i>Michael Luna, MD</i>
11:23	<i>Panel Discussion</i>	<i>All Panelists</i>
11:30	Radiation Protection and Spine Protection	<i>Houman Khalili, MD</i>
11:38	<i>Panel Discussion</i>	<i>All Panelists</i>
11:45	Protect the Kidney	<i>Anand Prasad, MD</i>
11:53	<i>Panel Discussion</i>	<i>All Panelists</i>
12:00	Lunch Break	

TRACKS ■ CORONARY ■ PERIPHERAL ■ STRUCTURAL

NOTE: All presentations are in Mountain Time (MT)

CHIP Part 7: Cardiogenic Shock

Moderators:

Navin Kapur, MD and Srihari Naidu, MD

Panelists:

Perwaiz Meraj, MD; Mir Basir, MD; Megha Prasad, MD; Timothy Henry, MD; Dimitri Karpaliotis, MD

1:30	How to Diagnose and Risk Stratify Cardiogenic Shock Patients	<i>Srihari Naidu, MD</i>
1:38	<i>Panel Discussion</i>	<i>All Panelists</i>
1:45	What is the Best Shock Protocol?	<i>Mir Basir, MD</i>
1:53	<i>Panel Discussion</i>	<i>All Panelists</i>
2:00	Management of the Cardiac Arrest Patient	<i>Timothy Henry, MD</i>
2:08	<i>Panel Discussion</i>	<i>All Panelists</i>
2:15	When and How to Use Hemodynamic Support in Shock	<i>Allison Hall, MD</i>
2:23	<i>Panel Discussion</i>	<i>All Panelists</i>
2:30	Complications of Hemodynamic Support: Prevention and Treatment	<i>Khaldoon Alaswad, MD</i>
2:38	<i>Panel Discussion</i>	<i>All Panelists</i>
2:45	Cardiogenic Shock: What is Next?	<i>Navin Kapur, MD</i>
2:53	<i>Panel Discussion</i>	<i>All Panelists</i>
3:00	Break	

CHIP Part 8: Pharmacology

Moderators:

Duane Pinto, MD and George Dangas, MD

Panelists:

Mauricio Cohen, MD; Anand Prasad, MD; Yader Sandoval, MD; Jacqueline Saw, MD; Arnold Seto, MD; Kendrick Shunk, MD

3:30	How to Approach the High-Bleeding Risk Patient	<i>Usman Baber, MD</i>
3:38	<i>Panel Discussion</i>	<i>All Panelists</i>
3:45	Optimal Pharmacology for the STEMI Patient	<i>Timothy Henry, MD</i>
3:53	<i>Panel Discussion</i>	<i>All Panelists</i>
4:00	Do We Still Need Aspirin Post PCI?	<i>George Dangas, MD</i>
4:08	<i>Panel Discussion</i>	<i>All Panelists</i>
4:15	Allergic Reactions in the Cath Lab and Beyond	<i>Thomas Tsai, MD</i>
4:23	<i>Panel Discussion</i>	<i>All Panelists</i>
4:30	Life after PCI: The Importance of Diet and Lifestyle Modification	<i>Binita Shah, MD</i>
4:38	<i>Panel Discussion</i>	<i>All Panelists</i>
4:45	Contemporary Lipid Management Post PCI	<i>Payal Kohli, MD</i>
4:53	<i>Panel Discussion</i>	<i>All Panelists</i>
5:00	Adjourn	

PERIPHERAL TRACK

NOTE: All presentations are in Mountain Time (MT)

FRIDAY, JULY 22

Peripheral Challenging Case Competition: Semifinals 1

Moderators:

Jun Li, MD

Panelists:

Matthew Bunte, MD; Peter Monteleone, MD; Mahesh Anantha Narayanan, MD; and Zach Rosol, MD

8:30	
8:38	Panel Discussion
8:45	
8:53	Panel Discussion
9:00	
9:08	Panel Discussion
9:15	
9:23	Panel Discussion
9:30	
9:38	Panel Discussion
9:45	
9:53	Panel Discussion
10:00	Break

Peripheral Challenging Case Competition: Semifinals 2

Moderators:

Jun Li, MD

Panelists:

Shirling Tsai, MD; Matthew Bunte, MD; Peter Monteleone, MD; Mahesh Anantha Narayanan, MD; and Zach Rosol, MD

10:30	
10:38	Panel Discussion
10:45	
10:53	Panel Discussion
11:00	
11:08	Panel Discussion
11:15	
11:23	Panel Discussion
11:30	
11:38	Panel Discussion
11:45	
11:53	Panel Discussion
12:00	Lunch Break

STRUCTURAL HEART DISEASE TRACK

NOTE: All presentations are in Mountain Time (MT)

FRIDAY, JULY 22

Structural Challenging Case Competition: Semifinals 1

Moderators:

Gagan Singh, MD and Rahul P. Sharma

Panelists:

Srinivas Iyengar, MD and Lucy Safi, DO

1:30	
1:38	Panel Discussion
1:45	
1:53	Panel Discussion
2:00	
2:08	Panel Discussion
2:15	
2:23	Panel Discussion
2:30	
2:38	Panel Discussion
2:45	
2:53	Panel Discussion
3:00	Break

Structural Challenging Case Competition: Semifinals 2

Moderators:

Firas Zahr, MD and Jason Rogers, MD

Panelists:

Samer Abbas, MD and Jonathan Schwartz, MD

3:30	
3:38	Panel Discussion
3:45	
3:53	Panel Discussion
4:00	
4:08	Panel Discussion
4:15	
4:23	Panel Discussion
4:30	
4:38	Panel Discussion
4:45	
4:53	Panel Discussion
5:00	Adjourn

STRUCTURAL HEART DISEASE TRACK NOTE: All presentations are in Mountain Time (MT)

SATURDAY, JULY 23

Ultimate Structural Heart Cases (Part 2): Focus on LAAC
Moderators: Jacqueline Saw, MD and Colin Barker, MD
Panelists: Ethan Korngold, MD; Clifford Kavinsky, MD, PhD; Anene Ukwaige, MBBS; Nadira Hamid, MD; Rahul P. Sharma, MBBS

8:30	LAA Closure Innovations	Clifford Kavinsky, MD, PhD
8:36	<i>Panel Discussion</i>	All Panelists
8:40	Insightful Imaging for LAA Closure	Nadira Hamid, MD
8:46	<i>Panel Discussion</i>	All Panelists
8:50	Management of LAAC Leaks	Marvin Eng, MD
8:56	<i>Panel Discussion</i>	All Panelists
9:00	Quick Thinking LAAC Maneuvers	Suzanne Baron, MD
9:06	<i>Panel Discussion</i>	All Panelists
9:10	Minimizing Risk of Perforation with LAAC	Steven Filby, MD
9:16	<i>Panel Discussion</i>	All Panelists
9:20	ICE vs. TEE for LAAC	Tiffany Chen, MD
9:26	<i>Panel Discussion</i>	All Panelists
9:30	LAAC Device Mismatch	Ethan Korngold, MD
9:36	<i>Panel Discussion</i>	All Panelists
9:40	Getting Out of Trouble in a LAA Closure	Srinivas Iyengar, MD
9:46	<i>Panel Discussion</i>	All Panelists
9:50	My Wish List for LAA Closure Innovations	Jacqueline Saw, MD
9:56	<i>Panel Discussion</i>	All Panelists
10:00	Break	

Ultimate Structural Heart Cases (Part 3)
Moderators: Colin Barker, MD and John Messenger, MD
Panelists: Srinivas Iyengar, MD; Paul Sorajja, MD; Samer Abbas, MD; Rahul P. Sharma, MBBS; Jason Rogers, MD

10:30	Ultimate Structural Heart Case (#10): Prosthesis Regret	Colin Barker, MD
10:36	<i>Panel Discussion</i>	All Panelists
10:40	Ultimate Structural Heart Case (#11): Coronary Conflicts	John Messenger, MD
10:46	<i>Panel Discussion</i>	All Panelists
10:50	Ultimate Structural Heart Case (#12): Malposition Management	Srinivas Iyengar, MD
10:56	<i>Panel Discussion</i>	All Panelists
11:00	Ultimate Structural Heart Case (#13): Horizontal Aorta in TAVR	Jonathan Schwartz, MD
11:06	<i>Panel Discussion</i>	All Panelists
11:10	Ultimate Structural Heart Case (#14) TEE Procedural Guidance	Konstantinos P. Koulogiannis, MD
11:16	<i>Panel Discussion</i>	All Panelists
11:20	Ultimate Structural Heart Case (#15): Tissue Disruption and Therapy	Jason Rogers, MD
11:26	<i>Panel Discussion</i>	All Panelists
11:30	Ultimate Structural Heart Case (#16): Bicuspid Aortic Disease	Anene Ukaigwe, MBBS
11:36	<i>Panel Discussion</i>	All Panelists
11:40	Ultimate Structural Heart Case (#17): Bicuspid Aortic Disease	Samer Abbas, MD
11:46	<i>Panel Discussion</i>	All Panelists
11:50	Ultimate Structural Heart Case (#18): The Mother of All Structural Challenges	Rahul P. Sharma, MBBS
11:56	<i>Panel Discussion</i>	All Panelists
12:00	Adjourn	

TRACKS ■ CORONARY ■ PERIPHERAL ■ STRUCTURAL

PERIPHERAL TRACK NOTE: All presentations are in Mountain Time (MT)

SATURDAY, JULY 23

Master's Approach to Critical Limb Ischemia II
Moderators: Herbert Aronow, MD and Jun Li, MD
Panelists: Constantino Pena, MD; Beau Hawkins, MD; Chris Metzger, MD

8:30	Arterial and Venous Intervention for Limb Salvage	Constantino Pena, MD
8:38	Pedal Access Saved the Day!	Jun Li, MD
8:46	<i>Panel Discussion</i>	All Panelists
8:53	Case: BTK Stenting or Tacking	Beau Hawkins, MD
9:01	I Should have Sent This One for Bypass - Case Based CLI	Constantino Pena, MD
9:09	<i>Panel Discussion</i>	All Panelists
9:16	Case: Hybrid Approach to Multilevel CLI	Vikram Kashyap, MD
9:24	Case: Thrombectomy Saves the Day	Chris Metzger, MD
9:32	Case: Role of Endovascular Imaging	Mohammad Ansari, MD
9:40	Noteworthy CLTI Publications of 2021-2022	Herbert Aronow, MD
9:48	<i>Panel Discussion</i>	All Panelists
10:00	Break	

Tough Cases that Build Character
Moderators: Mehdi Shishehbor, DO, MPH, PhD and Subhash Banerjee, MD
Panelists: Antonio Gutierrez, MD; Mazen Abu-Fadel, MD; Philip Goodney, MD; Andrew Klein, MD; Mohammad Ansari, MD; Bala Ramanan, MBBS

10:30	Large Bore Access	Antonio Gutierrez, MD
10:38	IVC Occlusion	Constantine Pena, MD
10:46	Bailing Out my Intervetionalist	Philip Goodney, MD
10:54	R2P	Yulanka Castro-Dominguez, MD
11:02	Aortoiliac Complication	Tarek Hammad, MD
11:10	<i>Panel Discussion</i>	All Panelists
11:17	SFA Calcification	Andrew Klein, MD
11:25	<i>Panel Discussion</i>	All Panelists
11:32	BTK Intervention	Beau Hawkins, MD
11:40	<i>Panel Discussion</i>	All Panelists
11:47	Popliteal CTO	Jun Li, MD
11:55	<i>Panel Discussion</i>	All Panelists
12:00	Adjourn	

CORONARY TRACK

NOTE: All presentations are in Mountain Time (MT)

SATURDAY, JULY 23

CHIP Part 9: Complication Cases II

Moderators:
John Messenger, MD and Allen Jeremias, MD

Panelists:
Allison Hall, MD; Yashasvi Chugh, MD; Farouc Jaffer, MD; Michael Megaly, MD; Sheila Sahni, MD; Farouc Jaffer, MD

8:30	Femoral Access Complications	Mazen Abu-Fadel, MD
8:38	Panel Discussion	All Panelists
8:45	Radial Access Complications	Louis Kohl, MD
8:53	Panel Discussion	All Panelists
9:00	Imaging Coronary Complications	Ziad Ali, MD
9:08	Panel Discussion	All Panelists
9:15	TAVR-Related Coronary Complications	Mauricio Cohen, MD
9:23	Panel Discussion	All Panelists
9:30	The Patient Cannot Move His Left Arm and Leg: What Next?	Farshad Forouzandeh, MD
9:38	Panel Discussion	All Panelists
9:45	Coronary Physiology for Complication Prevention and Treatment	Allen Jeremias, MD
9:53	Panel Discussion	All Panelists
10:00	Break	

CHIP Part 10: Interventions and Beyond

Moderators:
William Fearon, MD and Arnold Seto, MD

Panelists:
Yader Sandoval, MD; Mazen Abu-Fadel, MD; Farshad Forouzandeh, MD; Evan Shlofmitz, MD; Mauricio Cohen, MD; Louis Kohl, MD

10:30	Non-Invasive FFR: Time to Damp the Pressure Wire?	William Fearon, MD
10:38	Panel Discussion	All Panelists
10:45	Coronary CTA for PCI Planning	Farouc Jaffer, MD
10:53	Panel Discussion	All Panelists
11:00	Is Renal Denervation Coming Back?	David Kandzari, MD
11:08	Panel Discussion	All Panelists
11:15	The Social Media Revolution: What is Next?	Rhian Davies, DO
11:23	Panel Discussion	All Panelists
11:30	The Future of Coronary Physiology and Imaging	Allen Jeremias, MD
11:38	Panel Discussion	All Panelists
11:45	The Revolution of Radiation Protection	Simon Dixon, MD
11:53	Panel Discussion	All Panelists
12:00	Lunch Break	

TRACKS ■ CORONARY ■ PERIPHERAL ■ STRUCTURAL

NOTE: All presentations are in Mountain Time (MT)

Cardiovascular Innovations Case Competition Finals

Moderators:
Mauricio Cohen, MD; Allen Jeremias, MD; and Binita Shah, MD

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

12:15	Case 1: Coronary	
12:20	Panel Discussion	All Panelists
12:25	Case 2: Coronary	
12:30	Panel Discussion	All Panelists
12:35	Case 3: Coronary	
12:40	Panel Discussion	All Panelists
12:45	Case 4: Coronary	
12:50	Panel Discussion	All Panelists
12:55	Case 1: Peripheral	
1:00	Panel Discussion	All Panelists
1:05	Case 2: Peripheral	
1:10	Panel Discussion	All Panelists
1:15	Case 1: Structural	
1:20	Panel Discussion	All Panelists
1:25	Case 2: Structural	
1:30	Panel Discussion	All Panelists
1:35	Awards Presentation	
1:40	Adjourn	