



POAK LIVE

2024 📍 Karachi

Interventional Cardiology Meeting

18th-21st April

Scientific Program

In Collaboration With



Asian Pacific
Society of
Interventional
Cardiology



PC HOTEL
KARACHI

MARQUEE HALL FELLOWS COURSE IN COLLABORATION WITH SCAI

Session 1

13:30 - 14:30 **Fundamentals of PCI, Vascular access, Radiation, Biostatistics**

Moderator: Mohammad Kashif Sheikh

Chairpersons: Farrukh Jalisi, Abid Laghari, Asad Islam, Brig Imtiaz Ahmed, Nawaz Lashari, Khalid Bhatti, Mashooq Dasti, Abdul Salam (MMI), Khan Shah Zaman, Tariq Farman

13:30 - 13:35	› Welcome	Nauman Naseer/ Bashir Hanif
13:35 - 13:45	› Selecting appropriate coronary guide catheters and wires for success	Naseer Samore
13:45 - 13:55	› Tips and tricks for radial access	Muzaffar Ali
13:55 - 14:05	› Femoral Approach: Best practices, ultrasound guidance and closure devices	Jabbar Ali
14:05 - 14:15	› Basic statistics: what every cardiologist should know	Muhammad Waleed
14:15 - 14:25	› Basics of radiation hazards and protection in the Cath Lab	Tayyab Mohyuddin
14:25 - 14:30	› Discussion and Q & A	-

Session 2

14:30 - 15:25 **Interventional Pharmacology, Hemodynamic Support and Precision PCI**

MARQUEE HALL

Moderator: Hamza Ghouri

Chairpersons: Nadir Khan, Shehzad Tawwab, Asad Saleem, Mahesh Batra, Tahir Almani, Akhter Bandesha, Muhammad Hashim, Ghulam Abbas, Imran Iftikhar

14:30 - 14:40	› Pharmacology essentials for the Interventionalist	Javed Sial
14:40 - 14:50	› Post PCI antiplatelet therapy and anticoagulant management (Focus on High bleeding risk patients)	Bilal Mohyidin
14:50 - 15:00	› IABP and Hemodynamic support in high risk PCI/ Cardiogenic shock patients	Abdul Hakeem
15:00 - 15:10	› FFR/iFR: Practical tips and tricks	Nauman Naseer
15:10 - 15:20	› Intravascular imaging: Role of IVUS and OCT for optimal PCI outcomes	Ziad Ali
15:20 - 15:25	› Discussion and Q & A	-

ZAVER HALL NURSES AND TECHNOLOGISTS WORKSHOP

Session 1

13:45 - 14:50 **Fundamental Concepts of Cardiology in Cath Lab**

Moderator: Nousheen Aijaz

Chairpersons: Amber Novroz, Muhammad Ashfaq, Farah salim - (THI), Asadullah-AKUH, Arnold Samson (NICVD), Asadullah-AKUH

13:45 - 13:50	› Welcome	
13:50 - 14:00	› Ensuring safety of patient in cath lab by following International Patient safety Goals (Patient identification, handover communication,	Arnold Samson (NICVD)
14:00 - 14:10	› Angiography Basics for Nurses, (Catheters, LVEDP, LV gram, Aortogram, DSA)	Danish Daniel - (THI)
14:10 - 14:20	› Basic statistics: what every cardiologist should know	Ammar Khan (NICVD)
14:20 - 14:30	› Understanding angiography views and coronaries	Farah salim - (THI)
14:30 - 14:40	› Early Warning Signs and its management	Asadullah-AKUH
14:40 - 14:50	› Discussion and Q & A	-

Session 2

14:55 - 16:00 **Pre & Post Cath Assessment**

ZAVER HALL

Moderator: Sheliza Fayyaz

Chairpersons: Noor Ukani, Zahida Khan, Shagufta Naheed, Muhammad Ishaq (Shifa), Harrison Sameul - SIUT, Imran Mughal-AKUH

14:55 - 15:05	› Pre-Cath Assessment of Patients Coming for Procedures (consent, pre-cath checklist) - What should alarm you?	Aqsa Aneel THI)
15:05 - 15:15	› Aseptic Techniques and Patient preparation in cath Lab (Table setup, Draping, Preparing devices)	Farah Salim - (THI)
15:15 - 15:25	› Pre Procedure Vascular/Access Site Evaluation (Allen's test), ultrasound-guided access and Intra-procedural Care	Shagufta Naheed - THI
15:25 - 15:35	› Post-Procedure Care - Access site Closure Techniques, / Hemostasis/ Barbeau test	Harrison Sameul - SIUT
15:35 - 15:45	› Vascular Site Complications - What can you do?	Imran Mughal-AKUH
15:45 - 15:55	› Timeout protocol, A pause to ensure patient safety	Nousheen Aijaz (THI)
15:55 - 16:00	› Discussion and Q & A	-

MARQUEE HALL **Session 3**
Predictors and Management of Complications

15:25 - 16:30

Moderator: Naeem Mengal

Chairpersons: MMH Nuri, Mujeeb Ul Haq, Amir Hussain Bandesha, Sohail Hassan, Hashim Bariech, Rajesh Kumar, Khursheed Hassan, Asif Nadeem, Ahmed Noor, Tahira Sadiq

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|---------------|--|-------------------|
| 15:25 - 15:35 | › Access site complications | Moinuddin Khan |
| 15:35 - 15:45 | › Abrupt vessel closure - Spasm, dissection, no reflow and distal embolization | Mehmood Ul Hassan |
| 15:45 - 15:55 | › Management of dislodged devices-Wires, stents, balloons, catheters | Abidullah |
| 15:55 - 16:05 | › Coronary Perforation, Prevention, recognition and management | Faisal Ahmed |
| 16:05 - 16:15 | › Tips and tricks of Pericardiocentesis | Jalal Achakzai |
| 16:15 - 16:25 | › Breaking bad news to patients and families | Panel Discussion |
| 16:25 - 16:30 | › Discussion and Q & A | - |

ZAVER HALL **Session 3**
Interventional Procedures and Devices

16:00 - 17:00

Moderator: Imran Mughal

Chairpersons: Kaneez shabir, Nousheen Aijaz, Nadeem Siyal, Dr. Muhammad Amin THI, Dr. Muhammad Naeem - THI, M. Hassan Waleed

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|---------------|--|--------------------------|
| 16:00 - 16:10 | › PCI Devices (Guide wires, Balloons, DCB, Stents, Microcatheters, CTO wires, Cutting Balloons, Guideliners) | Usama Tahir - THI |
| 16:10 - 16:20 | › Rotational Atherectomy: Basics for Nurses and Trouble Shooting | Samina Naz (NICVD) |
| 16:20 - 16:30 | › Intra Aortic Balloon Pump (IABP) Basics | Dr. Muhammad Amin THI |
| 16:30 - 16:40 | › Temporary Pacemaker insertion and Care | Dr. Muhammad Naeem - THI |
| 16:40 - 16:50 | › Crash Cart, defibrillator and Emergency Kit | Trevor Thaomas |
| 16:50 - 17:00 | › Discussion and Q & A | - |

Session 4

16:30 - 17:35 **Treatment of Complex Coronary Lesions**

MARQUEE (HALL A)

Moderator: Sohail Saleemi

Chairpersons: Nawaz Lashari, Kamran Khan, Fasih Hashmi, Shahid Mughal, Abdul Bari (Quetta), Hafsa Shahid (RIC), Waleed Abbasi (RIC), Awais Nizami, Shamim Siddiqui, Fayyaz Shah

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|---------------|--|----------------------|
| 16:30 - 16:40 | › Coronary Bifurcation I: Provisional VS two stent, SB access, JSKBT | Sher Bahadur |
| 16:40 - 16:50 | › Coronary Bifurcation II: Steps of TAP, Culotte, Various crush techniques | Sohail Aziz |
| 16:50 - 17:00 | › Dealing with calcified coronary lesions I (NC, cutting, scoring and OPN balloon): When and how to use? | Bilal Murad |
| 17:00 - 17:10 | › Rotational Atherectomy: Best practices and special scenarios ostial/angulated anatomy | Omar Rana |
| 17:10 - 17:20 | › CTO intervention-Antegrade approach | Tahir Shah |
| 17:20 - 17:30 | › CTO intervention - Retrograde approach - The essentials | Bilal Iqbal (Canada) |
| 17:30 - 17:35 | › Discussion and Q & A | - |

Session 4

17:15 - 18:15 **Complications / Radiation Protection**

ZAVER (HALL B)

Moderator: Shagufta Naheed

Chairpersons: Amber Novroz, Muhammad Ashfaq, Zahida Khan, Noor Ukani, Salman Ahmed - PIC, Sohail Aksar

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|---------------|---|------------------------|
| 17:15 - 17:25 | › Dealing with Complications (tamponade, Shock, Anaphylaxis, Coronary complications) - How a Nurse/Tech can help? | Muhammad Ishaq - Shifa |
| 17:25 - 17:35 | › Team dynamics during cardiac arrest in cathlab | Nousheen Aijaz (THI) |
| 17:35 - 17:45 | › Basics of drugs and IV/Intracoronary calculations in Cath Lab | Salman Ahmed - PIC |
| 17:45 - 17:55 | › Radiation risks & Protection: Biologic effects, Radiation Safety/ Protection (patients and personnel) Dose reduction techniques | Sohail Aksar |
| 17:55 - 18:05 | › Injectors and Lesion Visualization: Contrast Injection Systems and Techniques, Digital imaging systems and flat panels | Ihsanullah - PIC |
| 18:05 - 18:15 | › Discussion and Q & A | - |

MARQUEE HALL **Session 5**
CAD / STEMI / ACS

17:35 - 18:40 **Moderator:** Rehan Riaz

Chairpersons: Khalida Somroo, Naeem Aslam, Amber Ashraf, Junaid Zafar, Arshad Ali Shah, Qazi Abdul Saboor, Hikmatullah Jaan, Fraz Memon, Mohammed Rehan Umer

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|---------------|--|---------------------|
| 17:35 – 17:45 | ▶ CABG VS PCI in multivessel CAD: Guidelines update | Fawad Farooq |
| 17:45 – 17:55 | ▶ STEMI/ACS and multivessel disease: Treatment of non-culprit vessel | Javed Ashraf |
| 17:55 – 18:05 | ▶ Management strategies for post lytic and late STEMI patients | Wajahat Lodhi |
| 18:05 – 18:15 | ▶ Diagnostic and management strategies for unusual STEMI presentations (MINOCA / SCAD) | Kamran Babar |
| 18:15 – 18:25 | ▶ Best strategies to deal with large thrombus burden cases | Salman Arain |
| 18:25 – 18:35 | ▶ Tips and Tricks of interventions during pregnancy | Mohammad Abdul Rauf |
| 18:35 – 18:40 | ▶ Discussion and Q & A | - |

ZAVER HALL **Session 5**
Quality Assurance in Cath Lab

18:20 - 19:20

Moderator: Nadeem Siyal

Chairpersons: Muhammad Ishaq (Shifa), Kaneez shabir, Nousheen Aijaz, Nadeem Siyal, Dr. Sharwan , Azeem Hussain (NICVD)

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|---------------|---|-----------------------------------|
| 18:20 – 18:30 | ▶ Cardiac Registry of Pakistan - Cath PCI Registry - How can it help to improve quality in your cath lab? | Rafullah Jan |
| 18:30 – 18:40 | ▶ Safe Patient Transportation | Sheliza Fayyaz - NICVD |
| 18:40 – 18:50 | ▶ Procedural Sedation Certification for Nurses in Cath Lab | Faiza Anjum – Shifa international |
| 18:50 – 19:00 | ▶ Infection control and Prevention in cathlab | Azeem Hussain (NICVD) |
| 19:00 – 19:15 | ▶ Discussion and Q & A | - |
| 19:15 – 19:20 | ▶ Closing Remarks | Nosheen Ijaz |

Session 6

18:40 - 20:30 **Structural and peripheral Interventions**

MARQUEE (HALL A) **Moderator:** Rafiullah, Bashir Hanif

Chairpersons: Feroz Memon, Osman Fahim, Muhammad Waleed, Asim Javed, Ashiq Hussain, Ali Nawaz, Arslan Masood, Asadullah Bugti, Muhammad Hassan, Nasir Rehman

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|---------------|---|------------------------|
| 18:40 – 18:50 | ▶ Tips and tricks for Transeptal puncture | Tariq Abbas |
| 18:50 – 19:00 | ▶ CT evaluation prior to TAVR and high-risk features of complications | Misbahul Ferdous |
| 19:00 – 19:10 | ▶ Update on PAD interventions | Amber Malik |
| 19:10 – 19:20 | ▶ Venous disease – Is it a cardiologist domain? | Khusrow Niazi |
| 19:20 – 19:55 | ▶ LIVE CASE – Oklahoma Heart hospital, USA (Structural LAA Case) | Coty Jewell (USA) |
| 19:55 – 20:05 | ▶ LAA closure indications and evaluation | Paul Garabelli |
| 20:05 – 20:40 | ▶ LIVE CASE – Oklahoma Heart hospital, USA (Structural LAA Case) | Naeem Tahirkheli (USA) |



Training Village

14:00 - 16:00 **Trans Septal Puncture / PTMC**

CONFERENCE
HALL 1

Moderator: Mukesh Kumar

Trainers / Facilitators:
Naveed Ullah, Tariq Ashraf, Badar Gill

- 14:00 - 15:00 › Trans-septal puncture basics and technique
- 15:00 - 15:15 › Tips and tricks
- 15:15 - 15:30 › PTMC basics
- 15:30 - 16:00 › Hands-on practice

Training Village

14:00 - 16:00 **TAVI (Medtronic)**

CONFERENCE
HALL 2

Moderator: Ali Ammar

Trainers / Facilitators:
Asaad Akbar Khan, Ali Raza

- 14:00 - 15:00 › Indications and case selection
- 15:00 - 15:15 › Procedural steps, tips for a successful outcome
- 15:15 - 15:30 › Complications and management
- 15:30 - 16:00 › Hands-on practice

Training Village

14:00 - 16:00 **TAVI (Boston Scientific)**

CONFERENCE
HALL 3

Moderator: Faiza Farooq

Trainers / Facilitators:
Muhammad Waleed, Osman Fahim

- 14:00 - 15:00 › Indications and case selection
- 15:00 - 15:15 › Procedural steps, tips for a successful outcome
- 15:15 - 15:30 › Complications and management
- 15:30 - 16:00 › Hands-on practice

Training Village

14:00 - 16:00 **Imaging and Physiology Precision PCI. Focus on IVUS and FFR/iFR and qFR**

EMERALD
HALL

Moderator: Hina Sohail

Trainers / Facilitators:
Ziad Ali (USA), Sohail Khan (UK), Nouman Naseer

- 14:00 - 15:00 › Basics of IVUS
- 15:00 - 15:15 › Basics of FFR, iFR, qFR
- 15:15 - 15:30 › How to avoid errors
- 15:30 - 16:00 › Hands-on practice

Training Village

14:00 - 16:00 **Rotational Atherectomy**

HINA
HALL

Moderator: Romana Awan

Trainers / Facilitators:
Bilal Murad (USA), Bilal Iqbal (Canada), Omar Rana

- 14:00 - 15:00 › Basics for the beginners
- 15:00 - 15:15 › Tips and tricks
- 15:15 - 15:30 › How to prevent complications
- 15:30 - 16:00 › Hands-on practice



Training Village

16:30 - 18:30 **Trans Septal Puncture / PTMC**

CONFERENCE
HALL 1

Moderator: Mukesh Kumar

Trainers / Facilitators:
Naveed Ullah, Tariq Ashraf, Badar Gill

- 16:30 - 17:30 › Trans-septal puncture basics and technique
- 17:30 - 17:45 › Tips and tricks
- 17:45 - 18:00 › PTMC basics
- 18:00 - 18:30 › Hands-on practice

Training Village

16:30 - 18:30 **TAVI (Medtronic)**

CONFERENCE
HALL 2

Moderator: Ali Ammar

Trainers / Facilitators:
Asaad Akbar Khan, Ali Raza

- 16:30 - 17:30 › Indications and case selection
- 17:30 - 17:45 › Procedural steps, tips for a successful outcome
- 17:45 - 18:00 › Complications and management
- 18:00 - 18:30 › Hands-on practice

Training Village

16:30 - 18:30 **TAVI (Boston Scientific)**

CONFERENCE
HALL 3

Moderator: Faiza Farooq

Trainers / Facilitators:
Muhammad Waleed, Osman Fahim

- 16:30 - 17:30 › Indications and case selection
- 17:30 - 17:45 › Procedural steps, tips for a successful outcome
- 17:45 - 18:00 › Complications and management
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Training Village

16:30 - 18:30 **Imaging and Physiology Precision PCI. Focus on IVUS and FFR/iFR and qFR**

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- 18:00 - 18:30 › Hands-on practice

Training Village

16:30 - 18:30 **Rotational Atherectomy**

HINA
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Moderator: Romana Awan

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Bilal Murad (USA), Bilal Iqbal (Canada), Omar Rana

- 16:30 - 17:30 › Basics for the beginners
- 17:30 - 17:45 › Tips and tricks
- 17:45 - 18:00 › How to prevent complications
- 18:00 - 18:30 › Hands-on practice



MARQUEE HALL BREAKFAST SESSION
Cath Lab Disasters!

07:15 – 8:00

Moderator: Faisal Ahmed
Facilitators: Amber Malik, Tahir Saghir, Tariq Shafi, Ijaz Ahmed, Nazir Memon, Imran Hanif, Muhammad Waleed, Khurshed Hassan, Raj Kumar, Shakir Lakhani
Presenter: Muhammad Amin, Umair Abrar

8:00 – 09:55 **Session 1**

MARQUEE HALL

Left Main Bifurcation (Combined PSIC and SCAI Session)

Moderator: Zubair Akram, Bashir Hanif
Chairpersons: Dawn Abbot (USA), Duane Pinto (USA), Ramesh Daggubati (USA), Ahmed Magdi (Egypt), George Dangas (USA), Shahryar A Sheikh, MMH Nuri, Nadeem Rizvi, Azhar Kayani, Asaad Khan, Nouman Naseer, Faisal Ahmed, Bilal Mohyidin, Bilal Murad, Abidullah

08:00 – 08:40 ▶ Live case from USA – University of California, San Diego, USA

Ehtisham Mahmood (USA)

08:40 – 08:50 ▶ How should I treat an isolated LAD or Circumflex ostial stenosis?

Tanveer Rab (USA)

08:50 – 09:00 ▶ Best strategy for left main bifurcation in 2024

Shao Liang Chen (China)

09:00 – 09:40 ▶ Live case from Tan Tock Seng Hospital Singapore

Faheem Jafary

09:40 – 09:55 ▶ Keynote Lecture: New achievements in Interventional Cardiology

George Dangas (USA)

Session 2

09:55 – 11:05 **Interventional Cardiology Updates 2024**

MARQUEE HALL

Moderator: Asif Nadeem
Chairpersons: Tariq Shahab (USA), Farrukh Jalisi (USA), Javed Suleman (USA), Mehboob Alam (USA), Fahim Jafary Nadeem Qamar, Abdus Samad, Javed Tai, Farhan Tayyab, Khalid Naseeb, Masood Ahmed, Khuram Shehzad (AFIC), Ghulam Hussain Soomro

09:55 – 10:05 ▶ Application of AI in Interventional cardiology

Annapoorna Kini (USA)

10:05 – 10:15 ▶ Post PCI DAPT, Short vs Long duration What's the status in 2024

Usman Babar (USA)

10:15 – 10:25 ▶ How to identify and manage MINOCA When to intervene in SCAD?

Fahim Jafary (Singapore)

10:25 – 10:30 ▶ Discussion and Q & A

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10:30 – 10:40 ▶ Role of mechanical support in cardiogenic shock

Bilal Murad (USA)

10:40 – 10:50 ▶ Update on use of DCB in routine interventional cardiology practice

Fahim Jafary

10:50 – 11:00 ▶ Top 10 news in interventional cardiology in year 2023-24

Shahid Junejo (UK)

11:00 – 11:05 ▶ Discussion and Q & A

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ZAVER HALL Session 1
Endovascular Session

08:30 – 10:00 **Moderator:** Jabbar Ali

Chairpersons: Ramzan Zakir, Amber Malik, Arslan Masood, Asim Javed, Masood Ahmed, Naveedullah, Abdul Salam (RIC), Fasih Hashmi

08:30 – 08:40 ▶ Endovascular strategies for stump-less ostial Iliac artery CTO?

Parag Doshi (USA)

08:40 – 08:50 ▶ Critical limb ischemia – a case-based approach

Imdad Sadiq (USA)

08:50 – 09:00 ▶ Best approach for failed antegrade approach to BTK CTO. Trans-collateral or retrograde interventional route?

Ramzan Zakir (USA)

09:00 – 09:10 ▶ Acute Limb ischemia – Interventional strategies to save the Limb

Salman Arain (USA)

09:10 – 09:20 ▶ Step by Step endovascular management of Iliac disease – Basics to Advanced

Masood Ahmed

09:20 – 09:30 ▶ How to manage the proximal stump-less BTK CTO?

Seung-woon Rha (Korea)

09:30 – 09:40 ▶ No stent zone: CFA/ SFA- Profunda bifurcation/Popliteal artery – How to Treat?

Salman Arain (USA)

09:40 – 10:00 ▶ Q & A

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Session 2

10:00 – 11:30 **Acute Stroke Intervention**

ZAVER HALL

Moderator: Asim Javed

Chairpersons: Azhar Kayani, Zubair Akram, Bashir Hanif, Tahir Saghir, Sohail Aziz, Tariq Abbas, Nadeem Rizvi, Ayesha Kamran Kamal

10:00 – 10:10 ▶ Guideline based, case selection criteria for thrombolysis and mechanical thrombectomy

Ayesha Kamran Kamal (AKUH)

10:10 – 10:20 ▶ Must know cerebrovascular anatomy for mechanical thrombectomy

Irfan Lutfi (NICVD)

10:20 – 10:30 ▶ Which CT brain / CT angiography findings qualify for stroke intervention

Salman Abdul Qayyum, (RIC)

10:30 – 10:40 ▶ Utilizing advanced CT imaging in acute stroke (CT Perfusion / Dual Energy CT)

Misbah Durani (RIC)

10:40 – 10:50 ▶ Inventory for mechanical thrombectomy

Kamran Ahmed Khan (NICVD)

10:50 – 11:00 ▶ Techniques of mechanical thrombectomy

Hamza Ghauri (RIC)

11:00 – 11:15 ▶ Establishing mechanical thrombectomy services in Pakistan and concept of "Heart and Vascular Institutes"

Asim Javed

11:15 – 11:30 ▶ Panel Discussion

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MARQUEE HALL **Session 3**
Chronic Total Occlusions

11:05 – 13:15

Moderator: Sohail Aziz, Nadir Khan

Chairpersons: Mohaned Egred (UK), Javed Ahmed (UK), Seung -Woon Rha (China), Omer Goktekin (Turkiye), Mauro Carlino, Salman Arain, Bilal Iqbal (Canada), Sohail Khan (UK), Li Quan (China), Bilal Murad, Bashir Hanif, Asad Pathan, Tariq Shafi, Saeed Alam

11:05 – 11:20	▶ Keynote Lecture: "Carlino on Carlino Technique"	Mauro Carlino (Italy)
11:20 – 11:30	▶ CTO PCI in 2024 - Review of current indications, guidelines, and best practices	Faisal Latif
11:30 – 11:40	▶ CTO PCI Strategies That Work – From Planning to Execution (includes CTO toolkit)	Manos Brilakis (USA)
11:40 – 11:50	▶ How I Do It: Antegrade Wire Escalation	Omer Goktekin (Turkiye)
11:50 – 12:00	▶ SAFER Technique: A new targeted ADR method to treat coronary CTO's.	Mauro Carlino (Italy)
12:00 – 12:10	▶ How I Do It: Retrograde Crossing	Bilal Murad (USA)
12:10 – 12:20	▶ How I Do It: Epicardial Crossing	Bilal Iqbal (Canada)
12:20 – 12:30	▶ Role of Imaging in CTO PCI	Ziad Ali (USA)
12:30 – 12:40	▶ Management of complications during CTO PCI	Salman Arain (USA)
12:40 – 12:45	▶ Q & A	-
12:45 – 13:15	▶ Live from China Anzhen Hospital Beijing (Focus on Imaging)	Younjian Wu

13:15 – 14:30 LUNCH AND PRAYER BREAK

Session 4

14:30 – 15:55 **Calcified / Un-dilatable / Un-crossable Lesions**

MARQUEE HALL

Moderator: Nadeem Rizvi, Asaad Akbar Khan

Chairpersons: Fahim Jafary (Singapore), Javed Ahmed (UK), Shao Liang Chen, Afsar Raza, Ramzan Zakir, Farhan Tayyab, Naseer Samore, Javaid Iqbal (UK), Mansoor Ahmed, Sohail Khan (UK), Ahmed Fawad, Arslan Masood

14:30 – 15:15	▶ Live from Medipol Bahcelievier Hospital, Turkiye (Microport)	Ertugrul Okuyan Ilker Duman
15:15 – 15:25	▶ Calcium modification algorithm: putting it into the real world / Asian perspective	Ashok Seth
15:25 – 15:35	▶ Best strategy to trim the rock- Blast or blade?	Bilal Iqbal (Canada)
15:35 – 15:55	▶ Treatment Dilemma – Pearls and Pitfalls of Treating Calcified Lesions A case of un-dilatable lesion. The rock which could not be rocked! 5 mins Panel discussion and audience interaction 10 mins How did I do it? 5 mins	Bilal Murad

ZAVER HALL **Session 3**
Fellows' Cases Corner 1

11:30 – 13:00

Moderator: Shakir Lakhani

Chairpersons: Mujtaba Kiyani, Wajahat Lodhi, Waleed Abbasi, Kanwal Fatima, Kaleemullah Shaikh, Akhter Bandesha, Javed Tai, Mohammad Kashif Sheikh

11:30 – 13:00	▶ Time division for cases: Case presentation 5 mins Discussion and audience interaction 5 mins Case treatment and Key Learnings 5 mins	
	▶ High Risk CTO/ROTA plus unexpected Peripheral Intervention	Ahsan Ali Lakho
	▶ Conquering the Uncommon: A curious case of an 18-year-old with failing LV	Muwahhid Rasheed
	▶ Cuollote with Difficult Side Branch Wiring and Pericardial Temponade	Waqas Mohiuddin
	▶ Cardio-Cerebral Infarction -	Saleha Haroon
	▶ Cath lab nightmare	Hafsa Shahid Malik
	▶ To MacGyver is the way out	Farhat Shireen

13:00 – 14:30 LUNCH AND PRAYER BREAK

Session 4

14:30 – 16:00 **Fellows' Cases Corner 2**

ZAVER HALL

Moderator: Shamim Siddiqui

Chairpersons: Muhammad Hashim (SICVD), Imran Iftikhar, Gulzar Burioro, Imtiaz Salara, Javed Ashraf, Syed Tahir Shah, Kashif Ali Hashmi, Badar ul Ahad Gill

14:30 – 16:00	▶ Time division for cases: Case presentation 5 mins Discussion and audience interaction 5 mins Case treatment and Key Learnings 5 mins	
	▶ Conquering basilar artery thrombosis in patient with mitral stenosis	Syeda Kahkashan Zehra Naqvi
	▶ Confronting nightmares in cath lab, challenges and triumphs	Farhat Shireen
	▶ Hope for the best and be prepared for the worst	Waseem Sajjad
	▶ "When You Take Things for Granted, The Things You Are Granted Get Taken"	Wajahat Alam Lodhi
	▶ Narrow escape from death- Simple procedure Unraveled complexity	Asim Ali
	▶ Transcarotid TAVR	Jamshed Ali

MARQUEE HALL Session 5
Isolated Ostial / Bifurcation

15:55 – 17:25 Moderator: Asim Javed

Chairpersons: Shehryar A Sheikh, Nadeem Rizvi, Muezz Uddin, Muhammad Hafizullah, Moazzam Ali Naqvi, Muzaffar Ali, Khawar Kazmi, Haroon Baber, Ikram Langrial, Fasih Hashmi

- 15:55 - 16:35 ▶ Treatment Dilemma in Interventional Cardiology
Pearls and Pitfalls of treating Ostial LAD/LCX
- ▶ Case 1 Presentation (isolated ostial LAD) 5 mins Nauman Hameed, AFIC
Panel discussion 10 mins
How did I do it 5 mins
- ▶ Case 2 Presentation (isolated ostial LCX) 5 mins Muhammad Amin, THI
Panel discussion 10 mins
How did I do it 5 mins
- 16:35 - 17:25 ▶ Live case from Freeman Hospital New Castle UK Mohaned Egred

Session 6

17:25 – 19:50 MARQUEE HALL CHIP
Moderator: Asad Pathan, Abdul Hakim, Amber Malik

Chairpersons: Wahaj Aman (USA), Atif Bashir (USA), Fahad Waqar (USA), Rizwan Khalid (USA), Muhammad Balghith, Bilal Iqbal (Canada), Bashir Hanif, Nadeem Hayat Mallick, Sajid Dhakam, Tahir Saghir, Jabar Ali, Javed Sial, Nasir Rehman, Kamran Babar

- 17:25 - 18:05 ▶ Live from Golden Jubilee National Hospital, UK Aadil Shaukat
- 18:05 - 18:45 ▶ Live case from Oklahoma Heart Hospital, USA (Rotational atherectomy) Naeem Tahirkheli (USA)
- 18:45 - 18:55 ▶ Tips and tricks of left main stenting Duane Pionto (USA)
- 18:55 - 19:10 ▶ Updated Guidelines on Multivessel disease intervention 10 min Ramzan Zakir (USA)
Discussion 5 min
- 19:10 - 19:50 ▶ Live from Northwell Health, New York, USA Rajiv Jauhar (USA)

INAUGURAL SESSION

20:15 – 21:30 Moderator: Kanwal Fatima

MARQUEE HALL
Chairpersons: Zubair Akram, Nadeem Rizvi, Sohail Aziz, Nouman Naseer, Tahir Saghir, Bashir Hanif, Jabar Ali, Sohail Saleemi, Tariq Ashraf

- 20:15 - 20:20 ▶ Recitation from holy Quran and national anthem -
- 20:20 - 20:30 ▶ Welcome address Bashir Hanif
- 20:30 - 20:35 ▶ Address by the president SCAI George Dangus
- 20:35 - 20:40 ▶ Address by the president APSIC Ashok Seth
- 20:40 - 20:45 ▶ Address by the Course Co-director Shao Liang Chen
- 20:45 - 20:50 ▶ Address by the Course Co-director Omer Goktekin
- 20:50 - 20:55 ▶ Address by the Past-president PSIC Nadeem Rizvi
- 20:55 - 21:00 ▶ Address by the President-elect PSIC Suhail Aziz
- 21:00 - 21:10 ▶ Address by the President PSIC Zubair Akram
- 21:10 - 21:20 ▶ Address by the Chief Guest Azhar Kayani
- 21:20 - 21:30 ▶ Vote of thanks Tahir Saghir

09:30 DINNER

ZAVER HALL Session 5
Fellows' Case Corner 3

16:00 – 17:30 Moderator: Fawad Farooq

Chairpersons: Amber Ashraf, Bashir Solangi, Jalal Achakzai, Tahir Naveed, Javed Sheikh, Abid Amin, Riffat Sultana, Shah Zeb

- 16:00 - 17:30 ▶ Time division for cases:
 - Case presentation 5 mins
 - Discussion and audience interaction 5 mins
 - Case treatment and Key Learnings 5 mins
- ▶ Radial Artery Aulsion, A nightmare for interventionist Sher Muhammad
- ▶ Triumph in CTO intervention with retrograde challenges Asim Ali
- ▶ Cardio-cerebral Infarction..What to do?? Ahsan Ali Lakho
- ▶ Disaster Nimra Ashraf
- ▶ If you want to succeed, you must be willing to fail Samiullah
- ▶ A stitch in time! Muhammad Naeem

MARQUEE HALL BREAKFAST SESSION
Nightmares in cath lab

Moderator: Bilal Mohyidin

07:00 – 8:00 **Facilitators:** MH Nuri, Asad Saleem, Mehmood Ul Hassan, Abid Ullah, Abid Amin, Mujeeb ul Haq, Nadeem Hayat Mallick, Abdul Sattar, Abdul Manan Bari, Fayyaz Shah (SICVD)

Preseater: Zufiqar Ali

Session 1

08:00 – 10:30 **Hot Debates in Interventional Cardiology (Combined session with APSIC)**

MARQUEE HALL

Moderator: Zubair Akram, Tahir Saghir

Chairpersons: Ashok Seth (India), Rizwan Khalid, Habib ur Rehman, Muhammad Ishaq, Saqib Shafi Sheikh, Khan Shah Zaman, Hamid Saeed, Shehbaz Qureshi, Mansoor Ahmed, Naseer Somore, Ijaz Ahmed, Talha Bin Nazeer, Ghazanfar Ali Shah

- 08:00 – 08:20** ▶ Non-culprit lesions in STEMI – To do or not to do?
Pros: Paragh Doshi
Cons: Meboob Alam (USA)
- 08:20 – 08:25** ▶ Rebuttals -
- 08:25 – 08:45** ▶ Multivessel PCI – Is it justified in Economically constraint Countries -Pakistan?
Pros: Fahim Jafary (Singapore)
Cons: Waleed Kayani
- 08:45 – 08:50** ▶ Rebuttals -
- 08:50 – 09:40** ▶ **Local Live case** **NICVD**
- 09:40 – 10:00** ▶ Complex PCI should only be performed in centers of excellence
Pros: Najeeb Azam (UK)
Cons: Faisal Latif (USA)
- 10:00 – 10:05** ▶ Rebuttals -
- 10:05 – 10:25** ▶ Feasibility of LAA closure in Pakistan
Pro: Fareeha Sadiq
Con: Mohammad Waleed
- 10:25 – 10:30** ▶ Rebuttals -

Session 2

10:30 – 13:00 **Coronary Imaging and Physiology**

MARQUEE HALL

Moderator: Afsar Raza, Nouman Naseer

Chairpersons: Ashok Seth (India), Shao Liang Chen (China), Nadeem Qamar, Najeeb Azam (UK), Javaid Iqbal (UK), Li Quan (China), Abubakar Shaikh, Tayyab Mohyuddin, Shabbir Ahmed, (AFIC), Shahid Abbas, Tariq Abbas,

- 10:30 – 10:40** ▶ Clinical decision making based on coronary physiology – where do we stand in 2024? Ziad Ali (USA)
- 10:40 – 11:00** ▶ Treatment dilemma in Interventional Cardiology:
When is the 2nd stent needed in bifurcation PCI? 10 min
Role of Imaging and Physiology Panel Discussion 10 min
Sohail Khan (UK)
- 11:00 – 11:50** ▶ **Live from China – First Nanjing Hospital** Ye Fei
- 11:50 – 12:00** ▶ Management of cardiogenic shock in acute MI Muhammad Balghith
- 12:00 – 12:10** ▶ IVUS vs OCT in ACS PCI Ziad Ali (USA)
- 12:10 – 13:00** ▶ **Local Live case (Sponsored by Medtronic)** THI

ZAVER HALL

Session 1

Structural Interventions

08:00 – 11:00

Moderator: Asaad Akbar Khan, Osman Fahim

Chairpersons: Muhammad Raza (USA), Wasif Qureshi (USA), Atif Bashir (USA), Bashir Hanif, Asad Pathan, Sohail Aziz, Muhammad Waleed, Muhammad Irfan, Nouman Naseer, Javaid Iqbal (UK), Ali Raza

- 08:00 – 08:10** ▶ Essentials of CT for structural heart interventions (TAVR) Gilbert Tang
- 08:10 – 08:20** ▶ Essentials for Imaging for Mitral Clip procedures Gilbert Tang
- 08:20 – 08:30** ▶ Imaging for LAA closure devices... Does one size fit all? Muhammad Raza
- 08:30 – 08:40** ▶ Prevention and management of peri-procedural stroke in TAVI Javaid Iqbal (UK)
- 08:40 – 08:50** ▶ Bicuspid anatomy and THV device selection John Forrest
- 08:50 – 09:00** ▶ Basics of Left atrial appendage device closure Sahil Khera
- 09:00 – 09:10** ▶ Transseptal techniques for PTMC, Transcatheter Edge-to-edge repair, LA appendage closure Sahil Khera
- 09:10 – 09:20** ▶ Indications and procedural overview of MitraClip / Transcatheter Edge-to-edge repair Saibal Kar
- 09:20 – 09:30** ▶ Basics of ASD closure Ali Zaidi (USA)
- 09:30 – 09:40** ▶ Advancements in mitral and tricuspid valve interventions Muhammad Balghith
- 09:40 – 09:50** ▶ Pre TAVR evaluation – High risk features of complications and prevention strategies Michael O. Zembala
- 09:50 – 10:00** ▶ Optimizing TAVI outcomes using cusp overlap and commissural alignment techniques - from imaging to procedural excellence Asaad Akbar Khan
- 10:00 – 10:10** ▶ TAVI - New indications, techniques and devices Osman Faheem
- 10:10 – 10:20** ▶ Post TAVR care pathway Muhammad Waleed
- 10:20 – 10:30** ▶ Learn how to do a BASILICA procedure (indications, basic equipment, steps) Abdul Hakeem
- 10:30 – 10:40** ▶ Lifetime management of aortic valve disease SAVR versus TAVR for patients in the grey zone Ali Raza
- 10:40 – 10:50** ▶ Fundamentals of PTMC Navidullah Khan
- 10:50 – 11:00** ▶ Q & A

Session 2

11:00 – 12:00 **Learning session – CTO, Antegrade Techniques**

ZAVER HALL

Facilitators: Mauro Carlino, Salman Arain, Asad Pathan, Saeed Alam

Session 3

12:00 – 13:00 **Learning session – CTO, Retrograde Techniques**

ZAVER HALL

Facilitators: Bilal Murad, Bilal Iqbal (Canada), Nadir Khan, Imran Hanif

13:00 – 14:00 **LUNCH AND PRAYER BREAK**

Session 4

14:00 – 15:00 **Learning Session – UFR (Microport)**

ZAVER HALL

Facilitators: Shao Liang Chen

MARQUEE HALL Session 3
Acute Coronary Syndrome Interventions

14:00 – 15:45

Moderator: Bashir Hanif, Nadeem Rizvi
Chairpersons: Fahim Jafary (Singapore), Javed Ahmed (UK), Ramesh Daggubati, Mohammad Ishaq Azhar Kayani, Mohammad Ishaq, Abdus Samad, Afsar Raza, Khawar Kazmi, Omar Rana, Moazam Naqvi, Abubakr Ali Saad, Rehan Riaz, Munaaf Tareen, Qaiser Khan

- 14:00 – 14:50 ▶ Live from Baku Health Center, Azerbaijan | Uzeyir Rahimov
- 14:50 – 15:00 ▶ Role of FFR in ACS non-culprit lesions | Ramesh Daggubati
- 15:00 – 15:45 ▶ Local Live case | THI

Session 4

15:45 – 18:45 MARQUEE HALL
SCAI Session in collaboration with PSIC Inside Cath Lab– What Every Interventional Cardiologist Must Know

Moderator: Bashir Hanif, Faisal Latif
Chairpersons: Li Quan (China), Naseer Samore, Naeem Malik, Asad Pathan, Hafeez Choudhary, Asim Javed, Abdul Hakim, Raj Kumar, Rafullah Jan, Tayyab Mohyuddin

Leadership-Issues and Safe Cath Lab Practices

- 15:45 – 15:55 ▶ Why Quality Increasingly Matters | Tanveer Rab (USA)
- 15:55 – 16:05 ▶ Initiating Transcatheter Valve Program – Key to success | Wasif Qureshi (USA)
- 16:05 – 16:15 ▶ Approach to the CKD Patient/ Minimal/zero contrast coronary intervention | Ziad Ali (USA)
- 16:15 – 16:25 ▶ Case of Stable Angina: To Cath or Not to Cath | Hany Ragy (Egypt)
- 16:25 – 16:30 ▶ Discussion | -
- 16:30 – 16:40 ▶ Maintaining Morale and Preventing Burnout | Faisal Latif (USA)
- 16:40 – 16:50 ▶ Managing Work-life Balance | Ki Park (USA)
- 16:50 – 17:00 ▶ Happy Staff, Happy Cath: Navigating Uncomfortable Situations | Peter Duffy (USA)
- 17:00 – 17:05 ▶ Discussion | -

Tools to Improve Quality in Cath Lab

- 17:05 – 17:15 ▶ Elements of a Successful Heart Team | Faisal Latif (USA)
- 17:15 – 17:25 ▶ Appropriateness of appropriate use criteria in cath lab | Ryan Reeves (USA)
- 17:25 – 17:35 ▶ Continued Privileging of Operators | Wasif Qureshi (USA)
- 17:35 – 17:45 ▶ Role of Cath / PCI registry in Quality Improvement in Cath Lab | Faisal Latif (USA)
- 17:45 – 17:55 ▶ Annual report of PSIC-CROP Cath PCI registry | Bashir Hanif
- 17:55 – 18:00 ▶ Discussion | -

Complications and Cath Lab M&M

- 18:00 – 18:10 ▶ Adverse Events: Is M&M Conference the Only Way to Wrap- Up? | Peter Duffy, USA
- 18:10 – 18:20 ▶ Complications: Documenting, Debriefing, and Doing the Right Thing | OMIA Robert Riley, USA
- 18:20 – 18:30 ▶ Case of the AMI Gone Wrong: Lessons Learned from a Team | Faisal Latif, USA
- 18:30 – 18:35 ▶ Discussion | -

19:00 PSIC GENERAL BODY MEETING

ZAVER HALL Session 5
Fellows' case corner 4

15:00 – 16:30

Moderator: Asadullah Bugti
Chairpersons: Nazeer Memon, Hamid Saeed, Imran Waheed, Muhammad Arshad (PIMS), Muhammad Hafeez (LNH), Umer Farooq (RIC), Cheragh Hussain, Ghulam Hussain Soomro

- 15:00 – 16:00 ▶ Time division for cases:
 - Case presentation | 5 mins
 - Discussion and audience interaction | 5 mins
 - Case treatment and Key Learnings | 5 mins
- ▶ Entrapped microcatheter inside CTO body and broke - Rescue? | Rana Hanan
- ▶ PPCI with stent retriever in young addict | Tanvir Raja
- ▶ Do bad things come in 3s or 3rd time's a charm | Hassan Shabeer
- ▶ Supra cardiac TAPVR with vertical vein obstruction | Abdul Ahad
- ▶ Occlusive Left Main Dissection. Simple tools, Simple strategy and some good fortune! | Mohsin Iqbal
- ▶ There's more to the story than meets the eye (solving the puzzle of Serial Lesions) | M. Ishaq Khan

Session 6

16:30 – 18:00 ZAVER HALL
Electrophysiology Interventions and Updates (Combined session with heart rhythm society of Pakistan)

Moderator: Atif Rauf
Chairpersons: Asad Saleem, Zubair Akram, Bilal Mohyidin, Haroon Aziz Khan Babar, Shehzad Tawwab, Azmat Hayat, Zahoor Ahmed, Haseeb Raza Naqvi

- 16:30 – 16:50 ▶ AF Ablation via Cryo. Achieving cure! | Abdul Manan
- 16:50 – 17:10 ▶ Failing Heart, role of CRT! Tips & tricks | Amir Hameed Zia
- 17:10 – 17:30 ▶ Failing Heart. Left bundle pacing – A new therapy | Azam Shafqat
- 17:30 – 17:50 ▶ VT ablation including epicardial ablations Advancements in Interventional EP techniques | Azmat Hayat
- 17:50 – 18:00 ▶ Q & A | -

MARQUEE HALL Session 1
Structural Heart Interventions

8:30 – 11:30 Moderator: Tahir Saghir, Asad Pathan, Ali Raza

Chairpersons: Wasif Qureshi (USA), M. Raza (USA), Tahir Hussian (USA), Naeem Tahirkheli (USA), Khan Shah Zaman, Bilal Murad (USA), Bashir Hanif, Asaad Akbar Khan, Osman Fahim, Abdul Hakeem, Naveedullah, Mohammad Waleed, Javaid Iqbal (UK), Suhail Khan (Pak)

08:30 - 09:15	▶ Local Live - PTMC		NICVD
09:15 - 09:35	▶ Case 1 presentation: PTMC	5 mins	NICVD
	Panel discussion and audience response	10 mins	
	How did I do it?	5 mins	
09:35 - 10:20	▶ Local Live – TAVR (Sponsored by Boston Scientific)		THI
10:20 - 10:40	▶ Case 2 presentation: TAVR	5 mins	PIC (Peshawar)
	Panel discussion and audience response	10 mins	
	How did I do it?	5 mins	
10:40 - 11:25	▶ Local Live – TAVR (Sponsored by Medtronic)		NICVD

MARQUEE HALL Session 2
Best fellows' Cases Presentations

8:30 – 11:00 Moderator: Arslan Masood

Chairpersons: Azhar Kayani, Nadeem Rizvi, Zubair Akram, Bashir Hanif, Nouman Naseer, Tahir Saghir, Sohail Saleemi, Jabar Ali, Tariq Ashraf

11:30 - 12:00	▶ 20 mins	Best fellows' case 1	5 mins
		Best fellows' case 2	5 mins
		Best fellows' case 3	5 mins
		Best fellows' case 4	5 mins

12:00 – 13:00 CLOSING SESSION

Reflecting on Pakistan Live	Bashir Hanif
Best fellows' cases award announcements	Arslan Masood
President address	Zubair Akram
Vote of thanks	Tahir Saghir

ZAVER HALL Session 1
PSIC Research Workshop in Collaboration with PJCVI - Approaches to Publication

08:45 – 10:25 Moderator: Tariq Ashraf

Chairpersons: Muhammad Hafizullah, Abdul Hakeem, Abubakr Ali Saad, Jabar Ali, Shamooun Noushad, Sadaf Ahmed, Masood Javed

08:45– 08:55	▶ Methodological foundations in interventional cardiology: a case-based approach	Abdul Hakeem
08:55 – 09:05	▶ Sample size and statistical plan	Musa Karim
09:05 – 09:15	▶ Research methodology and designs	Sadaf Ahmed
09:15 – 09:25	▶ Unlocking the power of precision. Grafting effective research questions	Jabbar Ali
09:25 – 09:35	▶ Peer-reviewed journals and ICMJE guidelines	Shamooun Noushad
09:35 – 09:45	▶ Drafting impactful discussion and abstract	Sadaf Ahmed
09:45 – 09:55	▶ How to get your paper accepted in a journal	Javaid Iqbal (UK)
09:55 – 10:05	▶ The importance of replication in cardiovascular research	Shamooun Noushad
10:05 – 10:15	▶ Revolutionizing research: The role of AI	Masood Javed
10:15 – 10:25	▶ Discussion	-

ZAVER HALL Session 2
Adult Congenital Interventions Theme: Atrial Septal Defect in Adults

08:45 – 10:25 Moderator: Saleem Akhter

Chairpersons: Kaleemuddin Aziz, Masood Sadiq, Najma Patel, Abdul Malik

10:25- 10:40	▶ Echocardiographic (TTE/TEE) Assessment of Atrial Septal Defect	Masood Sadiq
10:40 – 10:50	▶ ASD with Pulmonary Hypertension	Khurram Akht
10:50 – 10:55	▶ Discussion	-
10:55 – 11:05	▶ ASD with Arrhythmias	Mehnaz Atiq
11:05 – 11:15	▶ ASD with Coronary Artery Disease	Abdul Sattar Shaikh
11:15 – 11:20	▶ Discussion	-
11:20 - 11:30	▶ ASD in elderly (>40 years of age) with special reference to ventricular dysfunction	Najma Patel
11:30 – 11:40	▶ Complications of device closure and their management	Asif Rehman
11:40 – 11:50	▶ Discussion	-

