



SACIS
Saudi Arabian Cardiac
Interventional Society



جمعية القلب السعودية
Saudi Heart Association

2026 SACIS ANNUAL SCIENTIFIC CONFERENCE

— Innovative Care for Every Beat —

SCIENTIFIC AGENDA

WORKSHOPS: 3RD SEPTEMBER 2026
CONFERENCE: 4TH - 5TH SEPTEMBER 2026

In Collaboration with:



CAIC



RIYADH STRUCTURAL HEART

VENUE

MÖVENPICK
HOTEL & RESIDENCES
RIYADH



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16 CME
ACCREDITED

POWERED BY
KonozRetaj



2026 **SACIS**
ANNUAL SCIENTIFIC
CONFERENCE

— Innovative Care for Every Beat —

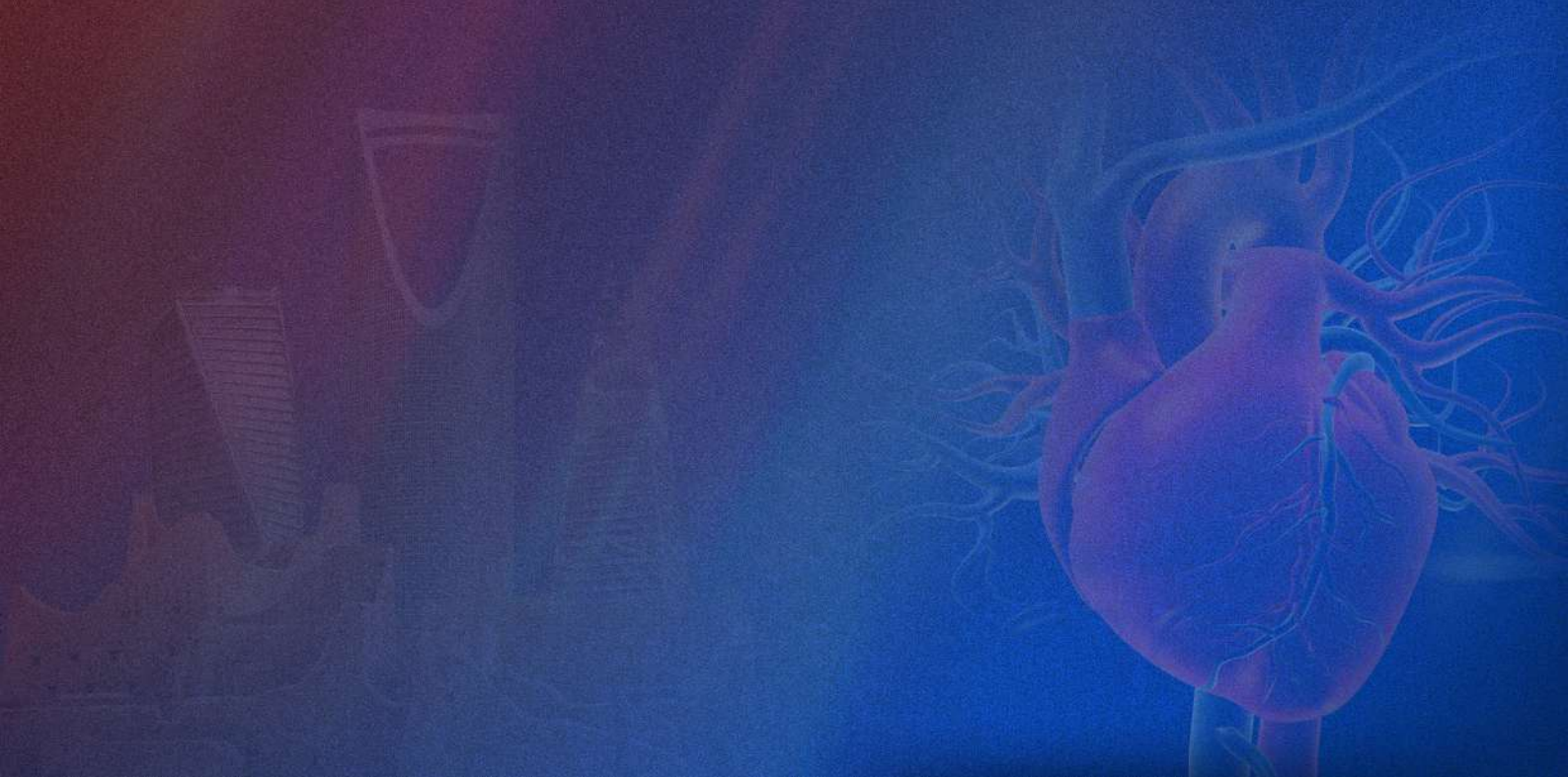
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جمعية القلب السعودية
Saudi Heart Association

FELLOWS COURSE WORKSHOP

3RD SEPTEMBER 2026



HANDS-ON WORKSHOP

Ultrasound Guidance, Closure, and Bailout Techniques

2026 SACIS
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CONFERENCE



3rd September 2026



11:00 - 13:00

11:00
-
13:00

Ultrasound-Guided Vascular Access

Dr. Waleed Alharbi

Suture-Based Vascular Closure

Dr. Salem Assiri

Plug-Based Vascular Closure

Dr. Sultan Alotaibi

IVUS (Intravascular Ultrasound)

Dr. Badr Alzahrani

Intra-Aortic Balloon Pump (IABP)

Dr. Abdulrahman Alderi

Guide Catheter Manipulation & Support Techniques

Dr. Saleh Alshalash

SESSION 1

Foundations of the Cardiac Catheterization Laboratory

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3rd September 2026



13:00 - 14:00

Chairmen

Dr. Mohammed Alotaibi
Dr. Fawaz Almutairi
Prof. Mostafa Q Al Shamiri

13:00 - 13:10

**Opening & Scope
(Course Orientation & Learning Framework)**

13:10 - 13:17

**Cath Lab Environment, Ergonomics
& Safety Culture**

Dr. Hamed Alghamdi

13:17 - 13:24

Pre-Procedure Preparation & Consent

Dr. Muhannad Almubarak

13:24 - 13:31

Radiation & Contrast Safety

Dr. Waqar Ahmed

13:31 - 13:38

**Catheter Physics & Guide Engagement
Techniques**

Dr. Saleh Alshalash

13:38 - 13:45

**Coronary Guidewires:
Coatings, Tip Load & Torque Control**

Dr. Abdulrahman Alqahtani

13:45 - 13:52

**Balloon & Stent Platforms
(SC, NC, cutting/scoring, DES, DCB)**

Dr. Nasser Alqahtani

13:52 - 14:00

Q&A / Discussion

SESSION 2

Invasive Hemodynamics & Physiologic Assessment

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3rd September 2026



14:00 - 15:05

Chairmen

Dr. Chadi Alraies
Dr. Ali Almasood
Dr. Ahmed Krimly

14:00 - 14:10

Core Principles and Waveform Interpretation in Valvular Pathologies and Intracardiac Shunts

Dr. Saad Al Bugami

14:10 - 14:20

Advanced Hemodynamics and Filling Pressure Cardiomyopathies

Dr. Ismail Raslan

14:20 - 14:30

Pulmonary Hypertension Hemodynamics and Impact on Intervention Strategy

Dr. Abdullah Almasoud

14:30 - 14:38

Shock States: Hemodynamic Profiles in Cardiogenic Shock

Dr. Hatem Alaui

14:38 - 14:46

MCS Waves Interpretation

Dr. Salem Assiri

14:46 - 14:50

Q&A / Discussion

14:50 - 15:05

Break



SESSION 3

Contemporary PCI Strategy & Lesion-Specific Approaches

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3rd September 2026



15:05 - 16:00

Chairmen

Dr. Waqar Ahmed
Dr. Waleed Aharbi

15:05 - 15:13

PCI Strategy & Lesion Assessment (The "Game Plan")

Dr. Mohammed AlKasab

15:13 - 15:20

Left Main and Ostial Lesions

Dr. Chirag Bavashi

15:20 - 15:27

Bifurcation Strategies (Provisional vs. -2 Stent)

Dr. Chadi Alraies

15:27 - 15:34

Stent Failure: ISR and Stent Thrombosis

Dr. Badr Alzahrani

15:34 - 15:41

Calcified Lesions: Atherectomy vs. Lithotripsy

Dr. Abdulrahman Almoghairi

15:41 - 15:48

Chronic Total Occlusion (CTO): Basic Principles

Dr. Motasim Yamani

15:48 - 15:55

Bypass Graft Intervention (SVG Pearls)

Dr. Ahmed Alshehri

15:55 - 16:00

Q&A / Expert Discussion

SESSION 4

Intracoronary Imaging & Coronary Physiology

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3rd September 2026



16:00 - 16:50

Chairmen

Dr. Raed Alkutshan
Dr. Salem Assiri
Dr. Hussain Alzayer

16:00 - 16:10

IVUS Mastery: From Imaging to Intervention

Dr. Mognee Alameer

16:10 - 16:20

OCT in Action: Real-World Tips & Evidence

TBA

16:20 - 16:30

Invasive & Non-Invasive Physiology

Dr. Naif Al Ghasab

16:30 - 16:40

Microvascular Dysfunction: Assessment & Action

Dr. Nouf Alanazi

16:40 - 16:50

DES vs. DCB: Practical Checklist

Dr. Sultan Alotaibi

SESSION 5

Complications & Pharmacotherapy

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3rd September 2026



17:30 - 18:15

Chairmen

Dr. Abdulrahman Almoghairi

Dr. Chirag Bavashi

Dr. Mohammed Saad

17:30 - 18:00

PCI Complications: Recognition and Management

Dr. Talal Aljabbar

18:00 - 18:15

Antithrombotic strategies in PCI: A Practical Approach

Dr. Omar Elamin



SESSION 6

Real life PCI

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3rd September 2026



18:15 - 19:50

Chairmen

Dr. Hussain Alamri

Dr. Abdullah AlGhobaishi

Dr. Mubarak Aldossari

Practical Strategies in STEMI Workflow in an On Call

Dr. Turki Alqarni

3-5 Primary PCI Challenging Cases from Madinah Cardiac Center

Dr. Abdulrahman Aldiri

3-5 Primary PCI Challenging Cases from Makkah

Dr. Abdullah Alrajhi

3-5 Primary PCI Challenging Cases from Riyadh

Dr. Khalid Al Harbi

18:15

-

19:00

18:50 - 19:00

Take-home pearls & Q&A



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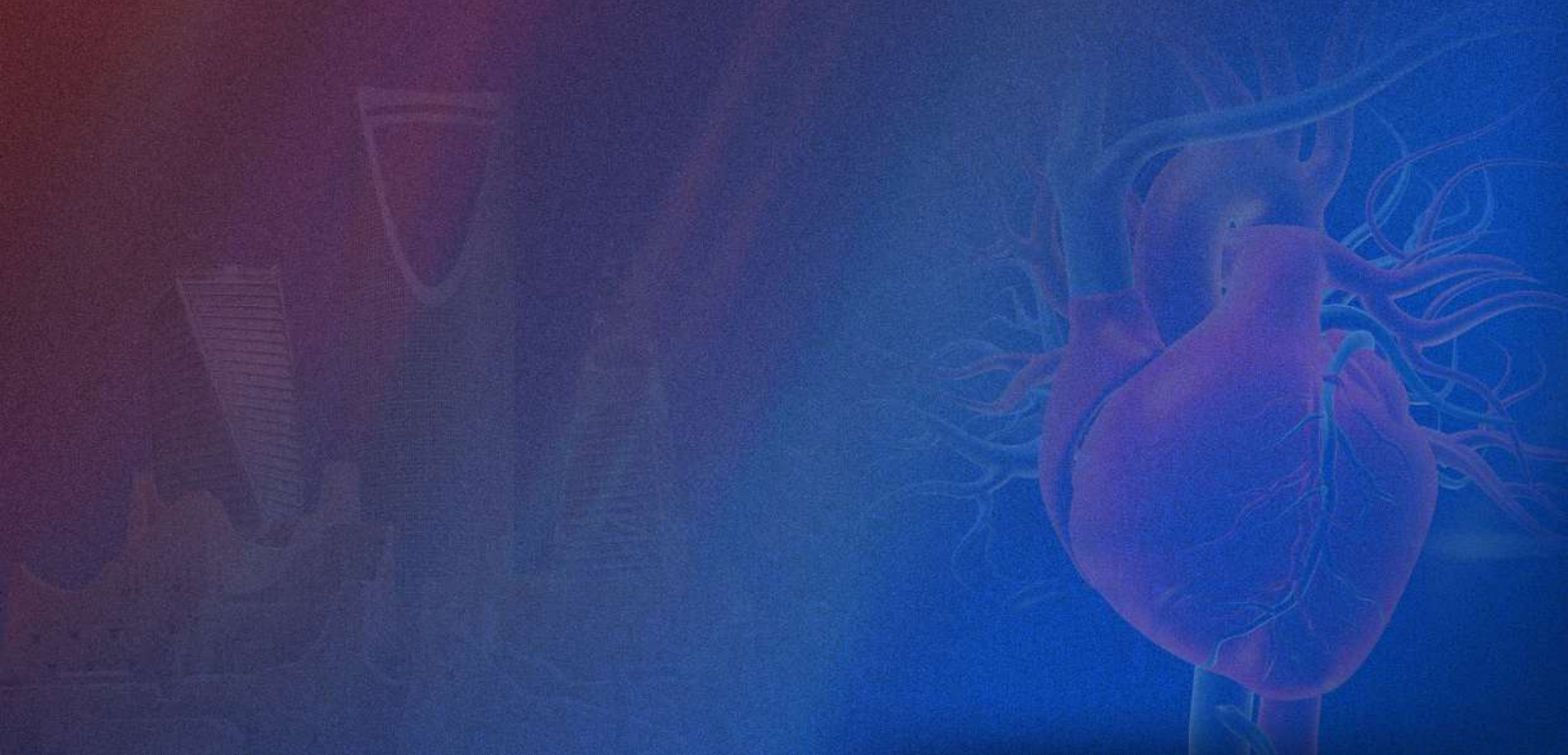
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CONFERENCE AGENDA

4TH SEPTEMBER 2026



SESSION 1

Pulmonary Vascular Track

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4th September 2026



09:00 - 09:45



Main Hall

Chairperson

Dr. Tarek Khashour

Moderators

Dr. Ali Abu-Alsoud
Dr. Abdullah Almasoud

Panelists

Dr. Owayed Alshammeri Dr. Talal Dahhan
Dr. Mohammed Taher Dr. Ali AlGhamdi

09:00 - 09:10

Aspiration Thrombectomy Systems: Device Selection & Case-Based Outcomes

Dr. Tai Kobayashi (Recorded)

09:10 - 09:20

Catheter-Based Therapy for CTEPH: Insights from a Saudi Center

Dr. Abdullah Almasoud

09:20 - 09:30

Case 1: When All Else Fails

Dr. Owayed AlShammari

09:30 - 09:40

Case 2: AngioVac Cases

Dr. Fahad AlQahtani

09:40 - 09:45

Discussion

Left Atrial Appendage Occlusion (LAAO) Educational Live Transmission



4th September 2026



09:45 - 10:30



Main Hall

Chairman

TBA

Moderator

Dr. Loui Rejjal

Panelists

Dr. Mosa Abbadi

Dr. Mohammed Alshehri

09:45 - 10:30

Watchman LAA Closure Procedure Case

Dr. Waleed Alharbi

Dr. Talal Aljabbary

10:30 - 10:45

Coffee Break



SESSION 2
Live Transmission

SESSION 3

The Future of Cardiovascular Innovation: Quantum Sensing and Artificial Intelligence

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4th September 2026



10:45 - 11:45



Main Hall

Chairman

Dr. Hussam Alfaleh

Moderator

Dr. Khaild Alhabib

Panelists

Dr. Abdullah Shehab

Dr. Christopher Bruce

Dr. Faisal Alqofi

Dr. Khalid Bin Thani

Dr. Ahmed Alshatti

10:45 - 11:05

Quantum Cardiology: Why the Future of Cardiology is Magnetic, Not Electric

Dr. Mohammed Alkhoul

11:05 - 11:15

Discussion

11:15 - 11:35

The Death of the Doctor: Will your next colleague become an algorithm?

Dr. Mohammed Alkhoul

11:35 - 11:45

Discussion

11:30 - 13:00

Lunch Break & Prayer

SESSION 4

Coronaries: CHIP & CTO

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4th September 2026



13:00 - 14:30



Main Hall

Chairman

Dr. Hussain Alamri

Moderator

Dr. Waqqar Ahmed

Panelists

Dr. Chirag Bavashi

Dr. Hatem Alawi

Dr. Abdulrahman Almoghairi

Dr. Khalid Aljohani

Dr. Abdulrahman Alqahtani

13:00 - 13:10

DCB: Evaluating Long-Term Efficiency & Safety in High-Risk Scenario

Dr. Owyed Alshammari

13:10 - 13:20

HD Support in High-Risk PCI: Case-Based Review & Patient Selection

Dr. Mahmoud Traina

13:20 - 13:30

HydroDynamic Contrast Recanalization (HDR): A Novel Antegrade Crossing Strategy for CTO PCI – From Concept to Cath Lab

Dr. Tsutomu Fujita

13:30 - 13:40

VECTOR Procedure: A Novel, Minimally Invasive Catheter-Based Aorto-Coronary Bypass

Dr. Christopher Bruce

13:40 - 13:50

Past, Present and Future of CTO Interventions

TBA

13:50 - 14:00

Tackling Calcified Nodule/Lesion in Contemporary PCI

Dr. Carlo DiMario

14:00 - 14:30

Discussion

State-of-the-Art IVI Guided PCI Live Transmission from Jeddah



4th September 2026



14:30 - 15:30



Main Hall

Chairman

Dr. Waqar Ahmed

Moderator

Dr. Salem Assiri

Panelists

Dr. Ayman Alsaleh
Dr. Hamed Alghamdi
Dr. Shereen Alshaikh

Dr. Nireen Okasha
Dr. Mognee Alameer

14:30 - 15:30

Coronary Complex Case Intervention Case

*Dr. Shatha Alalawi
Dr. Saleh Khouj
Dr. Fawaz Bardooli*

SESSION 5

Live Transmission

2026 SACIS

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4th September 2026



15:30 - 16:30



Main Hall

Chairman

Dr. Khalid Al Faraidy

Moderator

Dr. Waleed Alharbi

Panelists

Dr. Sultan Alamri

Dr. Mubarak Aldossari

Dr. Abdulrahman Assri

Dr. Ali Alsulami

Dr. Saleh Khouj

Dr. Fahad Alhajri

15:30 - 15:45

Cardiac Arrest in Cath Lab

Dr. Mohammad Saad

15:45 - 16:00

Alternative access for Longer Duration MCS

Dr. Chadi Alraies

16:00 - 16:15

Establishing A Shock Program

Dr. Hatim Alawi

Dr. Mohammed Almohammadi

16:15 - 16:30

Discussion

SESSION 6

SACIS Shock

CT Guided Complex PCI Live Transmission from Minneapolis



4th September 2026



16:30 - 17:30



Main Hall

Chairman

TBA

Moderator

Dr. Waleed Alharbi

Panelists

Dr. Carlo Di Mario

Dr. Hany Ragy

Dr. Christopher Bruce

Dr. Ismail Ismail

Dr. Salem Assiri

Dr. Niren Okasha

16:30 - 17:30

CT-Guided Complex PCI

Dr. Emmanouil Brilakis

Dr. Yader Sandoval

SESSION 7
Live Transmission

Evoque TTVR Live Transmission from Detroit



4th September 2026



17:30 - 18:30



Main Hall

Chairman

Dr. Mohammed Balghith

Moderator

Dr. Sondos Samargandy

Panelists

Dr. Fahad Alqahtani

Dr. Yaser Nemshah

Dr. Fayez Bokhari

Dr. Yasmin Hanfi

Dr. Ahmed Alshehri

Dr. Ali Alshahrani

17:30 - 18:30

Evoque Transcatheter Tricuspid Valve Replacement

Dr. Pedro Villabanca

18:30 - 19:30

Opening Ceremony

SESSION 8

Live Transmission

ALLIED HEALTH

When Seconds Matter: Safety, Imaging, and Hemodynamic Decisions in the Cath Lab

2026 SACIS ANNUAL SCIENTIFIC CONFERENCE



4th September 2026



10:00 - 11:15



SACIS Room

Moderator

Ms. Areej Alharbi

Panelists

Ms. Mona Almutairi

Mr. Kethan Chowdary

Mr. Jaber Alshehri

Ms. Maryam Bokhamssen

Ms. Ghadah Aldhabaan

10:00 – 10:10

Preventing Anesthesia-Related Complications in the Cardiac Cath Lab

Mr. Rayan Alotaibi

10:10 – 10:15

Discussion

10:15 – 10:25

Patient-Centered Cardiac Care (Post-Care Focus)

Mr. Waleed Saker

10:25 – 10:30

Discussion

10:30 – 10:40

Retrograde Arterial Prime (RAP) in Adult and Pediatric Cardiopulmonary Bypass

Mr. Yusuf Abdullelah Shadad

10:40 – 10:45

Discussion

10:45 – 10:55

Emergency ECHO: What to See, How to Start, and Who Does What

Ms. Mayrem Mousa

10:55 - 11:00

Discussion

11:00 - 11:10

Using Hemodynamic Data to Guide Interventions: A Technician's Perspective

Ms. Norah Binmatouk

11:10 - 11:15

Discussion & Close

WORKSHOP

2026 SACIS ANNUAL SCIENTIFIC CONFERENCE



4th September 2026



13:00 - 13:55



SACIS Room

13:00 - 13:55

IVUS \ ACIST Injector

Mr. Frederik Dupan

Mr. Jeff

Mr. Victor Velloso

Mr. Motaz Alshehri

Mr. Rami

13:55 - 14:05

Break

14:05 - 14:55

How You Can Provide the Needed OCT Measurement?

Mr. Abdulrahman Almalki

14:55 - 15:05

Break

15:05 - 16:00

Impella Device Implantation and Heart Failure Patients

Mr. Engy Ahmad

Mr. Hani Harb

Mr. Faris Alotaibi

Mr. Mohammed Bin Madhyan

Mr. Ahmad El Ghali

Ms. Noura Alzeer



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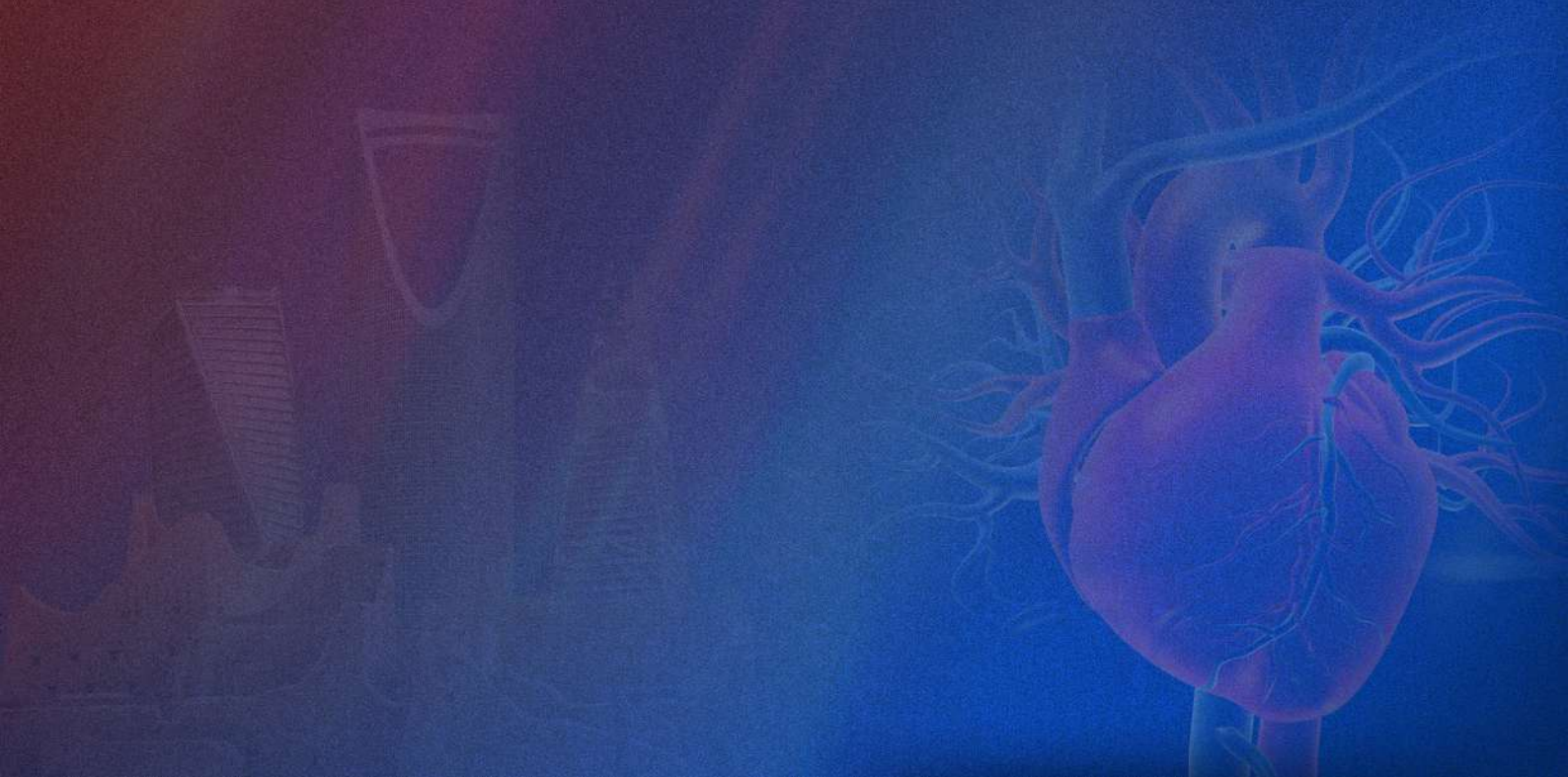
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Saudi Heart Association

CONFERENCE AGENDA

5TH SEPTEMBER 2026



SESSION 1

IVI Session: Watch the Experts!

2026 SACIS

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5th September 2026



09:00 - 09:45



Main Hall

Chairman

Dr. Mognee Alameer

Panelists

Dr. Owayed Alshemari

Dr. Shatha Alalawi

Dr. Abdulaziz Algethami

Dr. Hussam Noor

Dr. Sultan Alotaibi

09:00 - 09:20

Watch Experts demonstrate the use of IVUS in real-time cath lab procedures

Dr. Fawaz Bardooli

09:20 - 09:40

Real Life, Daily Practice OCT Cases

Dr. Hussain Alzayer



09:40 - 09:45

Discussion

Complex Coronary Live Transmission from PSCC



5th September 2026



09:45 - 10:30



Main Hall

Chairman

Dr. Fawaz Almutairi

Moderator

Dr. Abdulrahman Alqahtani

Panelists

Dr. Chadi Alraies
Dr. Seraj Abualnaja

Dr. Mubarak Aldossari
Dr. Carlo Di Mario

09:45 - 10:30

Coronary Complex Case Intervention Live Case

*Dr. Hussein Alamri
Dr. Abdulrahman Almoghairi*

10:30 - 10:45

Coffee Break



SESSION 2

Live Transmission

SESSION 3

Non Clinical Session Program

2026 SACIS

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5th September 2026



10:45 - 12:45



Main Hall

10:45 - 11:00
(15 Minutes)

Part 1 Opening Keynote:

The Global Crisis in Healthcare Financing:
Where We Stand

11:00 - 11:15
(15 Minutes)

The Saudi Healthcare Landscape: Balancing
Vision 2030 with Financial Reality

11:15 - 11:30
(15 Minutes)

Part 2 Voices from the Frontlines:

Caught in the Middle:
When Best Practice Meets Denial

11:30 - 11:45
(15 Minutes)

Sustainability vs. Access:
The Insurance Dilemma

11:45 - 12:00
(15 Minutes)

The Hospital Administration View

12:00 - 12:45
(45 Minutes)

The Stakeholder Roundtable: Finding Common Ground

- Opening Round (10 Minutes)
- Moderated Discussion (20 Minutes)
- Solution Brainstorming (15 Minutes)

12:45 - 13:00

Lunch Break & Prayer

Educational TAVI Live Transmission from Abha



5th September 2026



13:00 - 14:00



Main Hall

Chairman

Dr. Abdulrahman Almoghairi

Moderator

Dr. Mousa Akbar

Panelists

Dr. Chirag Bavashi

Dr. Salem Assiri

Dr. Ahmed Alshatti

Dr. Faisal Alqoofi

Dr. Mahmoud Traina

13:00 -14:00

TAVI live Transmission

Dr. Abdullah Asiri

Dr. Bander Alghamdi

SESSION 4

Live Transmission

SESSION 5

TAVI-in-TAVI Masterclass

2026 SACIS

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5th September 2026



14:00 - 15:00



Main Hall

Chairman

Dr. Mohammed Alotaibi

Session Smart Screen

Dr. Muhammad AlHijji

Co-Speaker and Session Facilitator

Dr. Faisal Algofi

Panelists

Dr. Christopher Bruce

Dr. Ibrahim Ali

Dr. Ahmad Alsaileek

Dr. Ali Alakhtar

Dr. Atif Alzahrani

Dr. Uthman Al Uthman

14:00 - 14:15

**TAVI-in-TAVI:
Leaflet Modification Techniques**

Dr. Chirag Bavishi

14:15 - 14:30

TAV-TAV-SAV via Transvaal

Dr. Moaaz Elsharabassy

14:30 - 14:45

**TAVI-in-Mechanical:
Safety and Feasibility**

TBA

14:45 - 15:00

Discussion

SESSION 6

Mitral & Tricuspid Valve Interventions

2026 SACIS

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5th September 2026



15:00 - 16:00



Main Hall

Chairman

Dr. Sondos Samargandy

Moderator

Dr. Ahmed Al-Shehri

Session Smart Screen

Dr. Anas Merdad

Panelists

Dr. Zakariya Albinmousa

Dr. Hamoud Obied

Dr. Nabeel Ismaeil

Dr. Ahmad AlJizeeri

Dr. Uthman Al Uthman

15:00 - 15:10

TEER in a Ring (Clip-in-Ring)

Dr. Bander Alshehri

15:10 - 15:20

Valve-in-Ring Mitral Case

Dr. Abdulaziz Algethami

15:20 - 15:30

M3 Live in a Box

Dr. Moaaz Elsharabassy

15:30 - 15:40

Lux TTVR

Dr. Mohammed Alhajji

15:40 - 16:00

Discussion

2026 SACIS ANNUAL SCIENTIFIC CONFERENCE



5th September 2026



16:00 - 17:00



Main Hall

Chairman

Dr. Laith Alshawabkeh

Moderator

Dr. Ahmed Krimly

Panelists

Dr. Ali Jelly

Dr. Ahmed Al Omrani

Dr. Ahmed Alzahrani

Dr. Jameel Alata

Dr. Khaled Al Najashi

Dr. Amani Alsubei

16:00 - 16:10

Transcatheter Pulmonary Valve Platforms for the Native & Reconstructed ROVT: Current Devices and Expanding Frontiers

Dr. Laith Alshawabkeh

16:10 - 16:20

Live in a Box: Altera Valve Implantation

Dr. Mohammed Nassef

16:20 - 16:30

Live in a Box: Venous P Valve

Dr. Shereen Al Shaikh

16:30 - 17:00

**Live Transmission:
Percutaneous Harmony Pulmonary Valve
Implantation from National Guard Hospital, Riyadh**

Dr. Faleh Alqahtani

Dr. Dhafer Ali Alshahrani

17:00 - 18:00

Closing Ceremony

SESSION 7 TPVR: New Era!

ALLIED HEALTH

High-Performance Cath Labs: Teams, Technology, and Clinical

2026 SACIS

ANNUAL SCIENTIFIC CONFERENCE



5th September 2026



09:00 - 10:15



SACIS Room

Moderator

Ms. Nouf Alnaimi

Panelists

Mr. Turki Alduhaim
Ms. Liyla Alrohbi

Mr. Mohsen Ali Almahaid
Mr. Abdulazez Assiri

09:00 - 09:10

Optimizing Human Factors and Team Dynamics in High-Pressure Cath Labs

Mr. Battal Ibrahim Alotaibi

09:10 - 09:15

Discussion

09:15 - 09:25

Beyond the Numbers: Creating a High-Reliability Cath Lab Through Metrics and Safety Culture

Ms. Layla Majrashi

09:25 - 09:30

Discussion

09:30 - 09:40

Precision in Action: Empowering Nurses and Technicians to Transform Cardiac Care

Dr. Afnan Alswaen

09:40 - 09:45

Discussion

09:45 - 09:55

CT Imaging vs Catheterization: Clinical Applications, SH Evaluation, and Angiographic Insights

Dr. Khaled Kulaybi

09:55 - 10:00

Discussion

10:00 - 10:10

Understanding Pulmonary Thromboendarterectomy (PTE): From Patient Selection to Surgical Execution

Ms. Fatma Alkana'an

10:10 - 10:15

Discussion & Close

DIALOGUE SESSION

2026 SACIS ANNUAL SCIENTIFIC CONFERENCE



Building the Future of Allied Cardiovascular Practice in Collaboration with SCFHS



5th September 2026



10:30 - 11:30



SACIS Room

Moderator

Mr. Faisal Alswidan

Panelists

Mr. Mohammed Almadhaki

Mr. Bakheet Alzahrani

Mr. Yazeed Alotaibi

Mr. Fahad Alanazi

Mr. Christopher Steelman