



# 3<sup>rd</sup> PSCC ADVANCED CARDIAC IMAGING 2023

## S Y M P O S I U M

7<sup>th</sup> - 9<sup>th</sup> DECEMBER 2023



### SCIENTIFIC COMMITTEE

#### DIRECTOR:

Dr. Sumaya Al Helali

#### MEMBERS:

Dr. Saeed Al Ahmari  
Dr. Abdulmajeed Al Otay  
Dr. Ghormallah Al Zahrani  
Dr. Khalid Naji  
Mr. Adnan Al Mousa





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## SYMPOSIUM

THURSDAY, 7<sup>TH</sup> DECEMBER 2023

### SCIENTIFIC PROGRAM

#### 1<sup>st</sup> Session: VALVES

Moderator: Dr. Yassmin Hanafi | Dr. Zakria Bin Mousa | Dr. Abdulaziz Al Dammas

Time	Topic	Speaker
09:00 am - 09:20 am	Cardiovascular Magnetic Resonance Imaging vs. Echocardiography in Valvular Regurgitation	Dr. Sara Al Harbi
09:20 am - 09:40 am	The Role of Computed Tomography in Prosthetic Valve Complication	Dr. Halia Al Shehri
09:40 am - 10:00 am	Ask the Expertise for Aortic Valve Calcification Measurement	Dr. Saeed Al Ahmari
10:00 am - 10:20 am	Myocardial Strain Assessed by Feature Tracking Cardiac Magnetic Resonance in Cardiovascular Disease: A Comparison with Echocardiograph	Dr. Ruben Fernandez Galera
10:20 am - 10:40 am	Panel Discussion	
10:40 am - 11:00 am	Opening Remarks	Dr. Sumaya Al Helali
11:00 am - 12:15 am	Prayer Time & Lunch Break	

#### 2<sup>nd</sup> Session: ADULT CONGENITAL HEART DISEASE

Moderator: Dr. Khalid Najashi | Dr. Abdullah Al Sehli | Dr. Fahad Al Faris

Time	Topic	Speaker
12:15 pm - 12:35 pm	The Role of Cardiac Computed Tomography in Pre-Planning Left Ventricular Assist Device in Pediatric and Adult Congenital Patient	Dr. Riad Abou Zahr
12:35 pm - 12:55 pm	Rule-out Ischemia in Adult Congenital Heart Disease	Dr. Ahmed Aljizeeri
12:55 pm - 01:15 pm	Single Ventricular Functional Assessment: Challenge Approach	Dr. Fahad Al Habshan
01:15 pm - 01:35 pm	4D Flow Assessment of Congenital Heart Disease	Dr. Dhafir Al Qahtani
01:35 pm - 01:55 pm	Panel Discussion	
01:55 pm - 02:00 pm	Break Time	



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THURSDAY, 7<sup>TH</sup> DECEMBER 2023

### SCIENTIFIC PROGRAM

#### 3<sup>rd</sup> Session: MYOCARDIAL ISCHEMIA/INFARCT

Moderator: Dr. Hussain Al Amri | Dr. Halia Al Shehri | Dr. Sumaya Al Helali

Time	Topic	Speaker
02:00 pm — 02:20 pm	Cardiac Computed Tomography/Cardiovascular Magnetic Resonance Imaging with Contrast in Chronic Kidney Disease: How to Protect Patients	Dr. Maram Al Hourri
02:20 pm — 02:40 pm	The Coronary Artery Calcium Area vs. Density in Predicts Long-Term Atherosclerotic Cardiovascular Disease Risk	Dr. Khalid Najj
02:40 pm — 03:00 pm	Ischemic Burden and Viability Imaging Pre-Revascularization in Ischemia Heart Failure Patient	Dr. Ali Alshahrani
03:00 pm — 03:20 pm	Transformative Power and Benefits of Dual Source and Photon Counting Computed Tomography Technologies in Cardiovascular Disease	Dr. Muhammad Taha Hagar
03:20 pm — 03:40 pm	Panel Discussion	
End the First day		



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## S Y M P O S I U M

FRIDAY, 8<sup>TH</sup> DECEMBER 2023

### SCIENTIFIC PROGRAM

#### 1<sup>st</sup> Session: Heart Failure

**Moderator:** Dr. Saeed Al Ahmari | Dr. Abdulaziz Al Dammas | Sarah Al Harbi

Time	Topic	Speaker
12:30 pm — 12:50 pm	The Role of Advanced Cardiac Imaging Pre and Post Myomectomy in Hypertrophic Obstructive Cardiomyopathy	Dr. Ghormallah Al Zahrani
12:50 pm — 01:10 pm	Left Ventricular Non-Compaction Cardiomyopathy: Still More Questions than Answers	Dr. Ahmed Samman
01:10 pm - 01:30 pm	The Utility of Advanced Cardiovascular Imaging in Cancer Patients	Prof. Sabahat Bokhari
01:30 pm - 01:50 pm	Cardiac Pseudotumor by Advanced Cardiac Imaging	Dr. Ahmed Saileek
01:50 pm - 02:10 pm	Panel Discussion	
02:10 pm — 03:00 pm	Break Time	

#### 2<sup>nd</sup> Session: ARRHYTHMIA

**Moderator:** Dr. Yahya Al Hubaishi | Dr. Lamia El Saingiti | Dr. Sumaya Al Helali

Time	Topic	Speaker
03:00 pm — 03:20 pm	Multimodality Imaging in Arrhythmogenic Right Ventricular Cardiomyopathy: What is the New Update?	Dr. Rachel Bastianen
03:20 pm — 03:40 pm	How to Evaluate Patient with Intra-Cardiac Device Pre and Post Cardiovascular Magnetic Resonance Imaging	Dr. Adel Elsayed Sallam
03:40 pm — 04:00pm	Application of Multimodality Imaging for Atrial Fibrillation Catheter Ablation	Dr. Amin Al Ahmad
04:00 pm — 04:20 pm	Interventional Cardiac MRI guide EP ablation	Dr. Marco Gotte
04:20 pm — 04:40 pm	Panel Discussion	
04:40 pm - 05:00 pm	Break Time	



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## S Y M P O S I U M

FRIDAY, 8<sup>TH</sup> DECEMBER 2023

### SCIENTIFIC PROGRAM

#### 3<sup>rd</sup> Session: UP-TO-DATE IN ADVANCED CARDIAC IMAGING

Moderator: Dr. Halia Al Shehri | Dr. Moughairi | Dr. Ahmad Al Salik

Time	Topic	Speaker
05:00 pm - 05:20 pm	What are the New Advances in Cardiac Nuclear Imaging Technology	Dr. Ahmad Amro
05:20 pm - 05:40 pm	Coronary Artery Plaques Assessment by Magnetic Resonance Angiography	Dr. Dalia Hasihim
05:40 pm - 06:00 pm	Positron Emission Tomography Assessment of Cardiac Allograft Vasculopathy	Dr. Mouaz Al Mallah
06:00 pm - 06:20 pm	The advanced cardiac imaging modality in Diagnosis of Thromboembolic Pulmonary Hypertension	Dr. Ahmed Aljizeeri
06:20 pm - 06:40 pm	Panel Discussion	
End the First day		



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## S Y M P O S I U M

SATURDAY, 9<sup>TH</sup> DECEMBER 2023

### SCIENTIFIC PROGRAM

#### 1<sup>st</sup> Session: SAUDI ADVANCED CARDIAC IMAGING RESEARCH

Moderator: Dr. Mohammed Al Otaibi | Dr. Abdullah Al Kushail | Dr. Rashed Al Faqih

Time	Topic	Speaker
09:00 am - 09:20 am	Echocardiography and Cardiac Imaging Resonance in COVID19- Patients and Cardiac Complications: Retrospective Cohort in Saudi Arabia	Dr. Yasmin Hanfi Dallah Hospital / King Fahad General Hospital - Jeddah
09:20 am - 09:40 am	Isolated Innomination or Subclavian Arteries from Aorta: Cardiac Computed Tomography made the Distinction	Dr. Mohammed Hassan Mohammed King Abdulaziz Medical City - NGHA
09:40 am - 10:00 am	Gadolinium-Based Contrast Agents in Pregnant Women: A Literature Review of Magnetic Resonance Imaging Safety	Dr. Sami Al Ghamdi King Saud University
10:00 am - 10:20 am	Association between hypothyroidism and subclinical atherosclerosis among male and female patients without clinical disease referred to Computed Tomography	Dr. Sumaya Al Helali Prince Sultan Cardiac Center
10:20 am - 10:40 am	Knowledge, Attitude and Practice towards Artificial Intelligence among Radiologist in Saudi Arabia	Dr. Yazeed Alashban King Saud University
10:40 am - 11:00 am	Panel Discussion	
11:00 am - 12:15 pm	Prayer Time & Lunch Break	



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## SYMPOSIUM

SATURDAY, 9<sup>TH</sup> DECEMBER 2023

### TECHNOLOGY PROGRAM

#### 1<sup>st</sup> Session: CARDIAC MRI

Moderator: Mr. Adnan Almousa | Dr. Sumaya Al Helali

Time	Topic	Speaker
12:15 pm - 12:30 pm	MRI Artefacts	Abdullah Ghanem Al Qahtani
12:30 pm - 12:45 pm	Cardiac MRI from Normal Scan to Panic Finding	Nura Al Shugair
12:45 pm - 13:00 pm	New Role of MRI Safety Officer	Adnan Al Mousa
13:00 pm - 13:15 pm	Panel Discussion	

#### 2<sup>nd</sup> Session: NUCLEAR CARDIOLOGY

Moderator: Dr. Salem Sassi | Fahad Al Zahrani

Time	Topic	Speaker
13:20 pm - 13:35 pm	Radiation Protection in Nuclear Medicine : Best Practice	Mahmoud Al Zahrani
13:35 pm - 13:50 pm	Gamma Camera/PET-CT Development in Nuclear Medicine	Fahad Al Zahrani
13:50 pm - 14:05 am	Challenging Cases in Nuclear Cardiology	Roaq Moflh Al Qahtani
14:05 pm - 14:15 pm	Panel Discussion	



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## S Y M P O S I U M

SATURDAY, 9<sup>TH</sup> DECEMBER 2023

### TECHNOLOGY PROGRAM

#### 3<sup>rd</sup> Session: Cardiac CT

Moderator: Dr. Ali Alhailiy | Sameer Al Dulikan

Time	Topic	Speaker
14:20 pm - 14:35 pm	How to Approach Cardiac CT Scan Difficulties	Jawharh Jaafari
14:35 pm - 14:50 pm	TAVI: Tips and Tricks	Sameer Al Dulikan
14:50 pm - 15:05 pm	Radiation Dose Optimization in Cardiac CT	Dr. Ali Al Hailiy
15:05 pm - 15:20 pm	Panel Discussion	
15:20 pm - 15:30 pm	Break/Prayer Time	
15:30 pm - 16:15 pm	Puzzle Games: Cardiac Jeopardy	Dr. Khaled Al Najji, Adnan AIMousa, Sameer Al Dulikan, Roaa Al Qahtani
16:15 pm - 16:20 pm	Closing Remarks	Dr. Sumaya Al Helali





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