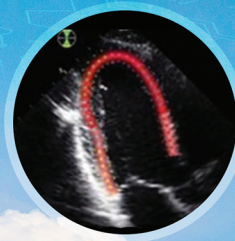
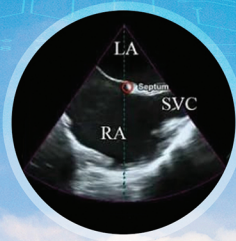
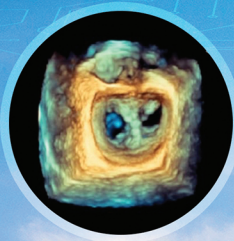




In Collaboration with



# STATE OF THE ART | ECHOCARDIOGRAPHY NEW EMERGING TECHNOLOGIES



**3-4 February 2023**

Feb 3 - **PHYSICAL**

Feb 4 - **HYBRID**



فندق كارلتون العبيد  
Carlton al Moalibed Hotel  
AL KHOBAR

## TARGET AUDEINCE

- Adult Cardiologists
- Pediatric Cardiologists
- Cardiovascular Surgeons
- Anesthesiologists
- Radiologists
- Nurses
- Sonographers
- Fellows in Training Working

## REGISTRATION FEES

FEE FOR PHYSICIANS	300
NON PHYSICIAN NURSES AND TECH FOR THE CONFERENCE AND WORKSHOP	100
STUDENTS	50

16 CME  
ACCREDITED

POWERED BY  
Korayem Retail





# STATE OF THE ART | ECHOCARDIOGRAPHY NEW EMERGING TECHNOLOGIES

**Warm welcome to our beloved eastern province of the Kingdom of Saudi Arabia.**

In this year 2023, **State-of-the-Art Echocardiography** has a unique agenda focusing on latest technologies of nowadays and the future prospective. The program follows the themes of 3D and 4D echocardiography, new modalities, structural heart disease & interventional echocardiography. Nevertheless, more interesting topics in circulatory support and artificial intelligence.

During the course, presentations will highlight what echo brings to each theme, helping clinicians recognize and avoid common errors and pitfalls, and learn how to apply the guidelines in a practical manner.

The faculty consists of recognized leaders - both locally and internationally - in the field of echocardiography acclaimed for their teaching abilities.

## Organizing Committee

**Dr. Fatema Qaddoura, MD**

Consultant Cardiologist - HMG Al Khobar

**Dr. Tarek Elhoussein**

Consultant Cardiologist - JHAH Dhahran

**Dr. Mustafa Eldeib**

Consultant Cardiologist





## MEET THE EXPERTS

### ORGANIZING COMMITTEE



Dr. Fatema Qaddoura



Dr. Tarek Elhussein



Dr. Mustafa Eldeib



Dr. Noureldeen Sahal

### SPEAKERS



Dr. Mustafa Ali Alrefai



Dr. Ali Al Shehri



Dr. Safa Eltayeb



Dr. Mohammed Nassim



Dr. Mai Shahid



Dr. Aijaz Shah



Dr. Hani Mahmoud



Dr. Martin Swaans



Dr. Belal Sayed  
Ahmed Selim

### EXPERT PANEL



Dr. Reda Abuelatta



Dr. Faisal Al Qoofi



Dr. Abdullah Al Shehri



Dr. Fahad Makhdoom

STATE ECHOCARDIOGRAPHY  
OF THE ART *NEW EMERGING TECHNOLOGIES*

**DAY 1**







In Collaboration with



# STATE OF THE ART | ECHOCARDIOGRAPHY NEW EMERGING TECHNOLOGIES

## FIRST DAY

3<sup>rd</sup> FEBRUARY, 2023

TIME	TITLE	SPEAKER
12:00 - 12:45	Registration	
12:45 - 1:00	Welcome	Dr. Fatema Qaddoura

### 3D ECHOCARDIOGRAPHY

Chairperson: Dr. Mai Alshahid | Dr. Fatema Qaddoura

TIME	TITLE	SPEAKER
1:00 - 1:20	3D Echo Advantages and Limitations	Dr. Belal S.A Selim
1:20 - 1:40	How to Integrate 3D Imaging Into Clinical Practice	Dr. Ajjaz Shah

### NEW MODALITIES IN SYSTOLIC AND DIASTOLIC ASSESSMENT

Chairperson: Dr. Safaa | Dr. Ali Alshehri | Dr. Muhamed Nasim

TIME	TITLE	SPEAKER
1:40 - 2:00	Myocardial Deformation Modalities and its Clinical Application	Dr. Hani Mahmoud
2:00 - 2:15	LA Strain and Atrial Assessment	Dr. Muhammed Nasim
2:15 - 3:15	Case Presentation	
3:15 - 3:30	Prayer and Coffee Break	

### PARALLEL WORKSHOP

TIME	TITLE	SPEAKER
3:30 - 4:30	TTE Workshop	Dr. Mai Alshahid
4:30 - 5:30	TEE Workshop	Dr. Hani Mahmoud
5:30 - 6:30	Tomtec / Echo PACS	Dr. Fatema Qaddoura



STATE ECHOCARDIOGRAPHY  
OF THE ART *NEW EMERGING TECHNOLOGIES*

# DAY 2







In Collaboration with



# STATE OF THE ART | ECHOCARDIOGRAPHY NEW EMERGING TECHNOLOGIES

## SECOND DAY

4<sup>th</sup> FEBRUARY, 2023

### INTERVENTIONAL ECHOCARDIOGRAPHY

Chairperson: Dr. Faisal Alqoof | Dr. Abdulla Alshehri | Dr. Hani Mahmoud | Dr. Tarek Alhusseiny

TIME	TITLE	SPEAKER
8:30 - 8:45	Pre-procedure and Intraprocedural Echo Assessment of ASD and PFO	Dr. Mohamed Aldeftar
8:45 - 9:00	Case for ASD/PFO	Dr. Mohamed Aldeftar
9:00 - 9:15	Embolization Therapy: Coronary Fistula, Arteriovenous Malformation (AVM), and Patent Ductus Arteriosus (PDA) Case presentation	Dr. Moustafa Eldeib
9:15 - 9:30	Indication and Anatomical Considerations Intraprocedural Assessment for LAA Closure	Dr. Safaa
9:30 - 9:45	Case for LAA	
9:45 - 10:00	Coffee Break	

Chairperson: Dr. Reda Abuelatta | Dr. Mustafa Alrefae | Dr. Mai Alshahid | Dr. Mustafa Eldeeb

10:00 - 10:30	Echocardiographic Assessment of Tricuspid Regurgitation for Transcatheter Tricuspid Valve Procedures (indications of technical procedure and outcome)	Dr. Martin Swaans
10:30 - 10:45	Imaging Assessment to Guide Patient Selection and Intervention (balloon mitral valvuloplasty-mitral valve in Valve)	Dr. Hani Mahmoud
10:45 - 11:00	Case for PBMV	Dr. Hani Mahmoud





In Collaboration with



# STATE OF THE ART | ECHOCARDIOGRAPHY NEW EMERGING TECHNOLOGIES

## SECOND DAY

4<sup>th</sup> FEBRUARY, 2023

### MR CATHETER INTERVENTION

Chairperson: Dr. Fatema Qaddoura | Dr. Reda Abuelatta | Dr. Martin Swaans | Dr. Nouraldeen Sahal

TIME	TITLE	SPEAKER
11:00 - 11:15	Echocardiography Criteria Before MV Clip	Dr. Tarek Elhusseiny
11:15 - 11:30	Case	Dr. Tarek Elhusseiny
11:30 - 11:45	2D and 3D TEE Intraoperative Assessment During Transcatheter Edge to Edge Repair	Dr. Hani Mahmoud
11:45 - 12:00	Case	Dr. Hani Mahmoud
12:00 - 1:00	Prayer and Lunch Break	
1:00 - 1:30	Mitral Valve in native	Dr. Martin Swaans
1:00 - 1:30	Paravalvular Leak	Dr. Mai Alshahid

### ARTIFICIAL INTELLIGENCE

Chairperson: Dr. Ali Alshehri | Dr. Mohamed Aldeftar

TIME	TITLE	SPEAKER
2:00 - 2:30	Artificial Intelligence	Dr. Martin Swaans



In Collaboration with



# STATE OF THE ART | ECHOCARDIOGRAPHY NEW EMERGING TECHNOLOGIES

## SECOND DAY

4<sup>th</sup> FEBRUARY, 2023

### ECHO ROLE IN CATH LAB

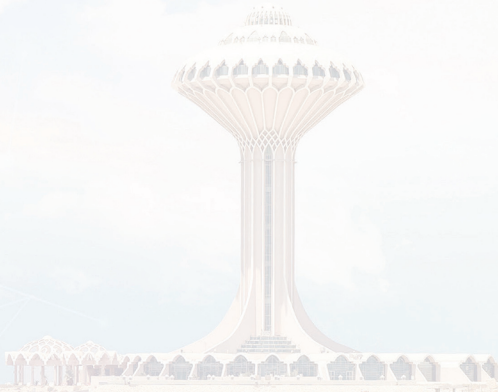
Chairperson: Dr. Mustafa Alrefae | Dr. Reda Abuelatta | Dr. Belal S.A Selim | Dr. Hani Mahmoud

TIME	TITLE	SPEAKER
2:30 - 3:00	Fusion Image (Multi-modality) Guidance for Percutaneous Structure Intervention	Dr. Martin Swaans
3:00 - 3:15	Prayer and Break	

### CIRCULATORY SUPPORT

Chairperson: Dr. Fahd Makhdoom | Dr. Faisal Alqoofi | Dr. Safaa

TIME	TITLE	SPEAKER
3:15 - 3:35	Echo Assessment of LV Assisted Device, Evaluation and Monitoring	Dr. Mostafa Alrefae
3:35 - 3:55	Role of Echocardiography in Heart Transplantation	Dr. Mai Alshahid
3:55	Disclosure	





**STATE** | **ECHOCARDIOGRAPHY**  
**OF THE ART** | *NEW EMERGING TECHNOLOGIES*

