



In Collaboration with



Saudi Heart Association  
جمعية القلب السعودية

# 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. Aijaz 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



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## 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



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## SECOND DAY

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

### MR CATHETER INTERVENTION

Chairperson: Dr. Fatema Qaddoura | Dr. Reda Abuelatta | Dr. Martin Swaans | Dr. Noureldeen 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 Intraprocedural 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



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## 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	

