



Ministry of National Guard – Health Affairs  
King Saud bin Abdulaziz University for Health Sciences  
King Abdulaziz Cardiac Center



# RIYADH STRUCTURAL HEART Symposium

24 -25 Feb. 2023

Crowne Plaza - Minhal Hotel



Day 1 24<sup>th</sup> February 2023

Time	Topic	Speaker
08:30 - 09:00	Registration	
09:00 - 09:05	Welcome Address	Mohammed Balghith
<b>TAVI Procedure from Screening to Outcomes</b>		

**Chairpersons : Kamal Ayoub | Ahmed Saileek**

Panelist : Ahmed Arifi | Ahmed Alshatty | Mognee Alamir | Abdulaziz Algethami

Time	Topic	Speaker
9:05 - 9:15	History of Catheter Intervention Structural Heart Disease in KSA	Muayed Alzaibag
9:15 - 9:25	CT Evaluation for TAVI	Yassmin Hanfi
9:25 - 9:35	Role of Anesthesia in TAVI	Ali Anwar
9:35 - 9:40	CT Assessment for Difficult Anatomy	Ghormallah B. Alzahrani
9:40 - 9:45	RCT TAVI vs SAVR	Fahd Makhdom
9:45 - 9:55	TAVI in Paradoxical AS, with Low Flow Low Gradient	Chadi Alrais
9:55 - 10:00	Closure Devices in TAVI	Ahmed Alkharaza
10:00 - 10:10	Alternative Access in TAVI	Antonio Frangie
10:10 - 10:20	Discussion	
<b>15 minutes Tea/Coffee Break</b>		



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## How to Improve the TAVI Outcome and Future Follow up

Chairpersons : Faisal Alqoofi | Waleed Alharbi

Panelist : Saleh Alshalash | Salim Assiri | Fawaz Almutairi | Abdulelah Murshid

Time	Topic	Speaker
10:20 - 10:30	How to select Type of TAVI valve	Khalid Almary
10:30 - 10:40	How we reduce the Hospital Stay for TAVI patients	Faisal Alqoofi
10:40 - 10:50	How we can conduct a good TAVI registry in our area	Waleed Alharbi
10:50 - 11:00	TAVI outcome in Young patients, what is the future	Hussein Alamri
11:00 - 11:10	TAVI in bicuspid valve choice	Didier Tchetché
11:10 - 11:20	Durability of TAVI	Jermiah Depta
11:20 - 11:30	Coronary angiography and engagement in TAVI	Altyeb Algalaf
11:30 - 11:40	Surgeon involvement in TAVI	Ahmed Arifi
11:40 - 11:55	Challenging Cases	Darko Boljevic
11:55 - 13:00	Prayer /Lunch Break	

Chairpersons : Mohammed Balghith | Wael Almahmeed

Panelist : Mohammed Al Mukhaini | Khalid bin Thani | Fouad Abdlgader | Khalid Almary

Time	Topic	Speaker
13:00 - 13:20	Development of Transcatheter Aortic Valve Implantation (TAVI) a -20years odyssey	Alain Cribier
13:20 - 13:35	Case study: Dyslipidemia Management in different settings	Abdulaziz Algethami
13:35 - 13:45	Live in a Box (New generation Valve )	Mohammed Balghith
13:45 - 13:55	Live in A box ( Valve in Valve ) Degenerated Suture Less Valve	
13:55 - 14:00	Live in A box ( TAVI in Calcified Bicuspid Valve, Technical consideration)	Talal Al Jabari



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## Nursing and Technologists

### Session 1 – All about TAVI

Chairpersons : Fahad Alanazi | Mosaad Aldhaim

Time	Topic	Speaker
1300-1340	Evolute™ Medtronic platform: overview and best practice	Bara'a Arafeh
1340-1400	TAVI preparation in cath lab: pre, intra, and post	Sari Obied
1400-1420	TAVI echo imaging during implantation	Ashwag Alhomrani
1420-1440	CT vs. MRI in TAVI work up: advantages and limitations	Adnan Almousa





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## Special Session

### Coronary Artery Disease management and PCI in TAVI

**Chairpersons : Mohammed Arafah | Hani Sergani**

Panelist : Fahad Alofi | Raed Alkutshan | Abdullah Alshehri | Layth Mimish | Tahir Mohamed

Time	Topic	Speaker
14:00-14:10	PCI in TAVI patients : who, why and when	Hatim Alawati
14:10-14:15	PCI before and after TAVI a common scenario case	Ali Algamdi
14:15-14:20	PCI and Stent within 24 hrs of TAVI case	Mohammed Balghith
14:20-14:25	LM PCI and TAVI in one setting	Ahmed Khashaba
14:25-14:30	Discussion	

## Special Session

### Conduction disturbances in TAVI

**Chairpersons : Khalid Almary | Faisal Alnasser**

Panelist : Fahad Almehmadi | Sami Alasmay | Abdulrahman Alnabet | Ali Almasood

Time	Topic	Speaker
14:30 - 14:35	CT predictors of conduction disturbances	Ahmed AlJazeera
14:35 - 14:40	ECG Predictors of PPM in TAVI patients	Ameen Zagzoug
14:40 - 14:45	long-term outcome following pacing in TAVI patients	Fahad Almehmadi
14:45 - 14:50	Incidence of PPM and Type of TAVI	Saifeldin Ibrahim
14:50 - 15:00	Discussion	
15:00 - 15:15	Coffee Break and Prayer	



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## TAVI Challenging Cases

### Sharing Experience from Different Countries

**Chairpersons : Abdulrahman Almoghairi | Hussein Alamri**

**Panelist : Darko Boljevic | Mohammed Alahmary | Saleh Alghadeer | Abdalah Assiri**

Time	Topic	Speaker
15:15 - 15:25	TAVI Challenging Cases from Argentina	Oscar Mendis
15:25 - 15:30	TAVI with Zero Contrast	Gul Rahim
15:35 - 15:40	TAVI Horizontal Aorta	Abdulrahman Almoghairi
15:40 - 15:45	TAVI with difficult choices with bumpy road	Fayaz Khan
15:45 - 15:55	Challenging cases from Turkey	Omer Goktekin
15:55 - 16:00	Successful TAVI using Impella support in hemodynamically unstable patient	Salim Assiri
16:00 - 16:05	Cold leg after device closure post TAVI	Kamal Ayoub
16:05 - 16:10	TAVI and more	Wail Aboshoka
16:10 - 16:15	Discussion	



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## How you recognize complications of TAVI in Cath LAB and how to Solve it

**Chairpersons : Khalid Almary | Faisal Alqoofi**

Panelist : Mohamed Sobhy | Adel Etriby | Abdallah Alenezy | Owayed Alshammari

Time	Topic	Speaker
	TAVI Complications ( 16:15-17:15 )	
16:15 - 16:25	• Never Give up	Mohammed Alshehri
16:25 - 16:35	• Circulatory collapse , how did we manage	Mehboob Ali Dar
16:35 - 16:45	• A post-TAVI double-whammy 8	Hatim Alawati
16:45 - 16:55	• The 5 nightmares ViV TAVR 8	Mamdooh Ismaeil
16:55 - 17:05	• Chain of Complications	Mohammed Al Mukhaini
17:05 - 17:15	• Surprise : Shock on the table 8	Abdulrahman Alnabet
<b>17:15-17:45</b>	<b>Ceremony and Award distribution for Winners</b>	
<b>19:00-21:00</b>	<b>Dinner</b>	





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## Aortic Valve Intervention in Difficult Scenario's

**Chairpersons : Mohammed Balghith | Mohammed Sobhy**

Panelist : Ahmed Alshehri | Hatim Alaoui | Saleh Alshalash | Imad Alhadad | Amr Zaki

Time	Topic	Speaker
8:00 - 8:12	Aortic VIV,the need for Fracture and Basilica procedure	Mohammed Abdelwahab
8:12 - 8:24	Challenging Cases from USA	Abdel Almanfi
8:24 - 8:36	TAVI gender difference and special concern	Alaide Chieffo
8:36 - 8:46	Antithrombotic therapy in TAVI	Marco Roffi
8:46 - 8:54	TAVI in Africa ( RHD )	Ahmed Elsayed
8:54 - 9:04	TAV in TAV	Khalid Aljohani
9:04 - 9:12	Sutureless aortic valves	Turki Albacker
9:12 - 9:20	TAVI in Homograft	Imad Alhadad
9:20 - 9:32	Aortic Regurgitation treatment by TAVI	Andreas Bumbach
9:32 - 9:40	Transcarotid TAVI : Best alternate approach?	Mahmoud Traina
9:30 - 9:45	<b>Coffee Break</b>	



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## The New Techniques in TAVI Procedure Changing the Paradigm

**Chairpersons : Mohammed Balghith | Fahd Baslib | Darko Boljevic**

**Panelist : Omer Tamimi | Hassan Khalaf | Abdulrahman Alnabit | Abdulmajid Alzubaid**

Time	Topic	Speaker
9:45 - 10:00	Optimizing TAVI outcome – Cusp overlap (commissural alignment)	Gilbert Tang
10:10 - 10:12	Cerebral protection in TAVI	Andreas Ruck
10:12 - 10:24	Aortic Regurgitation treatment by TAVI	Andreas Bumbach
10:24 - 10:32	VA ECMO in TAVI cases	Abdullah Al Enezy
10:32 - 10:44	Challenging TAVI cases from France	Thomas Cuisset
10:44 - 10:52	Bicuspid AS with challenging peripheral access	Ayman Alsaleh
10:52 - 11:00	Discussion	

## Special Session

### Heart Failure and Hyperlipidemia

**Chairpersons : Wael Almahmeed | Muayed Alzaibag**

Time	Topic	Speaker
11:00-11:15	SGLT2i in Heart Failure across LVEF spectrum	Waleed Alhabeeb
11:15-11:30	Lipids and ASCVD:innovative approach for better outcomes	Ayman Alsaleh





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## Adult Congenital H D session ASD and Pulmonary Valve (New frontiers )

**Chairpersons : Ahmed Alomrani | Mansour Aljufan | Abdullah AlKhodair**

Panelist : Ahmed Samman | Ahmed Alarifi | Khalid Alnajashi

Time	Topic	Speaker
11:30 -11:35	2D/3D assessment of ASD pre device closure	Abdulrahman Jamil
11:35 - 11:45	Sinus venosus percutaneous Repair	Ziyad M Hijazi
11:45 - 11:50	ICE guided ASD/PFO Closure	Fahd Kindy
11:50 - 11:55	PPVI in rv-pa Conduits	Khalid Alnajashi
11:55 - 12:00	Discussion	
12:00 - 13:00	Lunch and Prayer	

## Session 2 – Non TAVI day Nursing and Technologists

**Chairpersons : Sari Obeid | Abdulrahman Almalki**

Time	Topic	Speaker
13:00 - 13:20	Tendyne mitral valve preparations	Manal Aldawsari
13:20 - 13:40	Percutaneous Pulmonary valve implantation (PPVI	Fisal Alsuwidan
13:40 - 14:10	Advance fusion application for structural heart disease interventions	Naif Alanazi
14:10 - 14:30	“Tricvalve Implantation will be better”	Sari Obied



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## Mitral Intervention and the New Horizon in Mitral Valve Therapy

**Chairpersons : Hani Sergani | Abdulaziz Algethami**

Panelist : Mahmood Traini | Ibrahim Albakri | Zohair Alhalees | Mohammed Almohammadi

Time	Topic	Speaker
13:00-13:10	Valve in Valve KSA experince	Reda Abuelatta
13:10-13:20	Challenging PVL closure cases	Mohamed Khouli
13:20-13:30	Combined pathology of MR and TR cases	Nicole Karam

## TMVR ( Transeptal and Transapical Case Presentation )

Time	Topic	Speaker
13:30-13:35	Tendyne MVR KFSFH	Walid Abukhudiar
13:35-13:40	Tendyne MVR KFMC	Mohammed Alreshidan
13:40-13:50	The new devices in Transcatheter Mitral Replacement	Thomas Modine
13:50-14:00	Challenging cases in Tricuspid TEER	Agricola Eustachio



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## Mitral Clip and Pascal for M TEER ( Imaging guided Procedures)

**Chairpersons : Reda Abulata | Faisal AlSamadi**

Panelist : Mohammed Alhijji | Rowa Attar | Fayez Bukhari | Talal Alzahrani | Bander Alamro

Time	Topic	Speaker
14:00 - 14:08	ECHO Imaging for Mitral Intervention	Khalid Buresly
14:08 - 14:16	Echo guided Transeptal puncture, what do we need to know	Yosra Turkistani
14:16 - 14:24	Step by step echo guidance during MV TEER	Faisal Dalak
14:24 - 14:30	TEER Mitral in a sick patient waiting for Tx	M Balghith
15:00 - 15:10	Coffee Break and Prayer	





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## Tricuspid and Mitral Intervention, What's Available

**Chairpersons : Sondos Samargandy | Mahmoud Traini | Maurizio Taramasso**

Panelist : Mohammed Balghith | Spargias Konstantinos | Abdulrahman Jamil | Rakan Nazar

Time	Topic	Speaker
14:30 - 14:08	Tricuspid valve assessment and Screening for TEER	Ahmed Bafadel
14:08 - 14:23	The New grading system for Tricuspid Regurgitation	Rebecca Hahn
14:23 - 14:31	Optimization strategy of echo guidance during TV TEER	Zakariya Albinmoussa
14:31 - 14:46	Mitral and Tricuspid TEER: Challenges, Tips and Tricks	Spargias Konstantinos
14:46 - 14:52	Evidence available in Tricuspid TEER	Fahd Algahtani
14:52 - 15:00	Robotic Surgery is another option for MV	Feras Khalil
15:00 - 15:08	Less invasive Mitral Valve repair	Hamad Al Habib
15:08 - 15:15	Discussion	



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## Tricuspid Regurgitation the new Prospect in the management of patients

**Chairpersons : Spargias Konstatinos | Fahad Gahtani**

Panelist : Mohammed Balghith | Maurizio Taramasso | Abdulrahman Jamil | Ahmed Alshehri

Time	Topic	Speaker
15:15-15:38	Saudi early experience in Tricuspid TEER	Sondos Samargandy
15:38-15:46	Emerging Technologies for MV Repair	Azeem Latib
15:46-15:56	TEER of the tricuspid valve:for which patients?	Fabien Praz
15:56-16:06	Transcatheter Bicaval valves system in severe TR	Cruz gonzalez
16:06-16:18	TTVR using Evoque and Lux valves	Ralph Stephen Von Bardeleben
16:18-16:25	Discussion	
15 minutes	Tea/Coffee Break	

**Chairpersons : Abdulaziz Algethami | Mohammed Balghith | Ahmed Arifi  
Ahmed Saileek | Ahmed Alomrani | Abdulrahman Jamil**

Time	Topic	Speaker
16:25-16:40	The Landscape of Tricuspid and Mitral intervention	Maurizio Taramasso
16:40 - 16:55	Highlight of London Valve	Nicolas Dumonteil
16:55 - 17:05	Aortic Paravalvular leak Intervention	Fadi Sawaya
17:05 - 17:10	Valve Embolization and Management	Mohammed Balghith
17:10 -17:15	Changing Access if Necessary	Musa Sharkawi
17:15 - 17:30	Closing Ceremony	