



Ministry of National Guard - Health Affairs
King Saud bin Abdulaziz University for Health sciences
King Abdulaziz Cardiac Center



RIYADH STRUCTURAL HEART

3rd RIYADH STRUCTURAL HEART Conference

TAVR for young cardiologists
Riyadh Structural Heart Conference

Course Directors:
Prof. Mohammed Balghith

Asst:
Prof. Mohammed Saad

JANUARY 9TH, 2025

TAVI COURSE FROM
3PM-6PM
MITRAL & TRICUSPID COURSE FROM
6PM-9PM



CONFERENCE

JANUARY 10TH - 11TH, 2025

CROWNE PLAZA RDC
HOTEL & CONVENTION CENTER
RIYADH, SAUDI ARABIA

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TAVR for young cardiologists – Riyadh Structural Heart Conference

Section 1: AVS: Diagnosis and treatment strategy

Moderators: Dr. Mohammed Balghith | Dr. Mohammed Saad | Dr. Hussein Alamri

LEARN OBJECTIVES

- Diagnosis of severe aortic valve stenosis with focus on bicuspid aortic valve
- TAVR vs SAVR: heart-team decision
- Guidelines for management of patients with severe and moderate AVS

15:00 - 15:10	<ul style="list-style-type: none">- Diagnosis of severe aortic valve stenosis- Low-Flow Low-Gradient aortic stenosis	Dr. Purvi parwani
15:10 - 15:20	<ul style="list-style-type: none">- TAVI in asymptomatic patients- TAVI in patients with moderate aortic stenosis	Dr. Michael Reardon
15:20 - 15:30	<ul style="list-style-type: none">- Bicuspid aortic valve: Sievers classification and its relevance	Dr. Flavio Ribichini
15:30 - 15:40	TAVR vs SAVR <ul style="list-style-type: none">- TAVR vs SAVR: heart-team decision- Guidelines for management of patients with AVS	Dr. Tarek Helmy
15:40 - 15:45	Discussion	

Section 2: Vascular access and closure devices for TAVR

Moderators: Dr. Ahmed Arifi | Dr. Faisal Alnasser | Dr. Abdullah Alkhodair

LEARN OBJECTIVES

- Choosing the ideal route for TAVR access
- Way to puncture
- Vascular closure devices

15:45 - 15:55	Vascular access for TAVR <ul style="list-style-type: none">- Choosing the ideal route for TAVR access- Ultrasound puncture versus angiographic puncture- Challenging transfemoral vascular access	Dr. Salem Assiri
15:55 - 16:05	<ul style="list-style-type: none">- Vascular closure devices	Dr. Antonio Frangieh
16:05 - 16:15	<ul style="list-style-type: none">- Non-femoral vascular access	Dr. Vinayak Bapat
16:15 - 16:20	Discussion	

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Section 3: TAVR Materials and Devices

Moderators: Dr. Reda Abuelatta | Dr. Ali Almasood | Dr. Ayman Alsaleh

LEARN OBJECTIVES

- Getting familiar with different TAVR materials
- Cerebral protection devices
- Different TAVR devices

16:15 - 16:25	TAVI Materials <ul style="list-style-type: none"> - Different TAVR Wires - TAVR Balloons - Cerebral protection devices 	Dr. Waleed Alharbi
16:25 - 16:35	Different TAVR devices	Dr. Abdelkader Almanfi
16:35 - 16:42	TAVR and conduction disturbances	Dr. Fahad Almeahmadi

Section 4: Planning Valve Implantation

Moderators: Dr. Faisal Alqoofi | Dr. Hussein Alzayer | Dr. Mohammed Almohammadi

LEARN OBJECTIVES

- TAVR – CT
- Lifetime management
- TAVR in special common anatomies

16:42 - 16:52	TAVR – CT: what to look for?	Dr. João Calcavanate
16:52 - 17:02	Lifetime management: <ul style="list-style-type: none"> - Implantation with Cusp-Overlap-Technique - Commissural alignment and coronary access after TAVR 	Dr. Abdulaziz Algethami
17:02 - 17:12	Best implantation strategy: <ul style="list-style-type: none"> - TAVR in heavily calcified aortic root - TAVR in patients with pure aortic regurgitation 	Dr. Mohammed Saad
17:12 - 17:22	TAVI for pure AI	Prof. Eberhard Grube
17:22 - 17:30	The use of AI and machine learning in pre-Tavi planning	Dr. Osama Soliman

Section 5: Challenging situations and Complication management

Moderators: Dr. Mubarak Aldossari | Dr. Hani Sergani | Dr. Fayaz Khan
Dr. Chadi Alraies

LEARN OBJECTIVES

- How to deal with challenging TAVR cases
- How to avoid and manage TAVR complications

17:30 - 17:45	Challenging TAVR cases (interactive discussion 2 experts)	Dr. Hazim Rahbi Dr. Mohammed Saad
17:45 - 18:00	Complication management (interactive discussion 2 experts)	Dr. Abdulrahman Almoghairi Dr. Abdullah Assiri

