

# AIG TAVI

(Transcatheter Aortic Valve Implantation)

## Masterclass



*Beyond Theory:  
Hands-On TAVI for  
the Real World*



19 - 20 July, 2025 | AIG Hospitals, Hyderabad



### Hands-On Learning

Animal model dissection, aortic anatomy exploration, and mastering vascular closure devices.

### Interactive TAVI Workshop

Virtual TAVI practice on the Heartroid model in the cath lab, with dedicated workstations.



### Deep-Dive CT Analysis

Interactive CT sessions covering step-by-step interpretation and multiple real-world scenarios.

### Heart Team Collaboration & Live Demonstrations

Engaging heart team discussions with live case demonstrations and complex case presentations.



### Program Building Focus

Detailed session on setting up a TAVI program, tackling complications, and using toolkits effectively.

*Do not miss this one-of-a-kind learning opportunity!*

SAVE THE DATE



## Patrons



**Dr. D Nageshwar Reddy**  
Chairman, AIG Hospitals



**Mr. PVS Raju**  
Vice-Chairman, AIG Hospitals



**Dr. G V Rao**  
Director, AIG Hospitals

## Mentors



**Dr. D N Kumar**  
Senior Consultant - Cardiologist



**Dr. R Prasada Reddy**  
Director - Cardiology



**Prof. Haim Danenberg**  
Head, Interventional Cardiology  
at Hebrew University of  
Jerusalem - Hadassah



**Dr. Prashant Dwivedi**  
Director & Incharge  
TAVI & Structural  
Heart Disease Program  
Eternal Hospital, Jaipur

## International & National Faculty

## Course Directors



**Dr. Rajeev Menon**  
Clinical Director - Cardiology



**Dr. Anuj Kapadiya**  
Director - Cathlab



**Dr. Swaroop Bharadi**  
Co-Director - Cathlab

## Heart Team



**Dr. C. Sukesh Kumar Reddy**  
Director - Cardiothoracic Surgery



**Dr. Nilkanth C. Patil**  
Senior Consultant Cardiologist



**Dr. Anne Uday Kiran**  
Senior Consultant Cardiologist



**Dr. Naresh Kumar**  
Senior Consultant  
Cardiothoracic Surgeon



**Dr. Raghu Chilukoori**  
Consultant  
Cardiothoracic Anesthesiologist



**Dr. Bhishma Chowdary D**  
Consultant Cardiologist



**Dr. Pragathi Gurram**  
Consultant Cardiologist



**Dr. Roshni Agarwal**  
Consultant  
Cardiothoracic Surgeon



## DAY-1 : 19TH JULY 2025 (SATURDAY)

Session Time	Programme	Speaker
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9.00 am - 9:05 am	Introduction to AIG & Objective Setting	
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### SESSION 1 | ANATOMY & PHYSIOLOGY DEEPIVE LIVE HEART DISSECTION (VET LAB)

9:05 am - 9:20 am	Understanding the Anatomical Landmarks	
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9:20 am - 9:35 am	Understanding the Cusp/ Leaflet / Bicuspid	
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9:35 am - 9:50 am	Cusp Overlap	
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9:50 am - 10:15 am	Coronary Alignment	
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10:15 AM -10:30 AM	Tea Break	
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### SESSION 2 | IMAGING WORKSHOP

10:30 am -10:45 am	Basics of ECHO for TAVR (Pre/Intra/Post)	
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10:45 am -11:00 am	How to approach low flow low gradient AS	
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11:00 am - 12:00 pm	CT interpretation of Live Case	
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	Inauguration of Workshop & Opening of valve clinic	
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### SESSION 3 | HEART TEAM APPROACH - IMPORTANCE IN TAVI

12:00 pm - 12:15 pm	TAVI/SAVR -Surgeon Perspective	
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12:15 pm - 12:30 pm	Explantation of TAVI	
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12:30 pm - 12:45 pm	Role of surgeon in TAVI complications	
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12:45 pm - 01:00 pm	TAVI/SAVR - Interventional Cardiologist's perspective in current era	
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01:00 pm - 01:15 pm	Role of Cardiac Anasthetist in TAVI- MAC is a game changer	
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01:15 pm - 2:00 pm	Lunch Break	
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### SESSION 4 | CT TAVI

2:00 pm - 3:00 pm	Different case scenarios	
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### SESSION 5 | BUILDING TAVI PROGRAM BRICK-BY-BRICK

3:00 pm - 3:20 pm	How to start TAVI program	
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3:20 pm - 3:40 pm	Step by Step approach of TAVI	
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3:40 pm - 4:15 pm	CT TAVI in different perspective (Intercative session)	
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## SESSION 6 | HANDS-ON WORKSHOP ON VASCULAR CLOSURE DEVICES

4:15 pm - 5:00 pm	Femoral Sizing - Step by Step
5:00 pm - 5:30 pm	Basics of large bore access
5:30 pm - 6:30 pm	Hands on workshop on Vascular Closure
6:30 pm - 10:00 pm	Dinner

## DAY-2: 20TH JULY 2025 (SUNDAY)

Session Time	Programme	Speaker
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### SESSION 1 | HEARTROID SESSION - VIRTUAL TAVI IN CATH LAB

8:00 am - 9.00 am	Sunday - Heartroid Session
9.00 am - 10.00 am	Live Cases
10:00 AM - 10:15 AM	Tea Break

### SESSION 2 | COMPLICATION IN TAVI & BAIL OUT TOOLKIT !

10:15 am - 10:30 am	Complication in TAVI (How to prevent & tackle?)
10:30 am- 11:00 am	Toolkit to bailout

### SESSION 3 | CASE BASED DISCUSSION

11:00 am -11:15 am	TAVI In Calcified Raphe with LVOT Ca+ + (Hostile Anatomy)
11:15 am - 11:30 am	TAV in Bicuspid Valve Type 1 with R+N fusion
11:30 am - 11:45 am	TAVI in large Annulus
11:45 am - 12:00 pm	TAVI in Small Annulus
12:00 pm - 12:15 pm	TAVI in VIV
12:15 pm - 12:30 pm	TAVI in Hostile Anatomy
12:30 pm - 12:45 pm	Our Ten best tips for a safe TAVI
12:45 pm - 01:00 pm	Summary of workshop & Vote of thanks
01:05 pm - 02:00 pm	Lunch Break

### SESSION 4 | SIMULATOR SESSION

02:00 pm - 03:00 pm	Heartroid Session (Hands-on TAVI Deployment in simulator)
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