

KERALA  
HEART  
RHYTHM  
SOCIETY  
KHRS

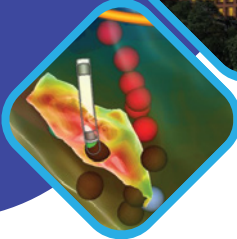


Demystifying  
the world of EP

KERALA HEART RHYTHM SOCIETY

12<sup>th</sup> Annual  
Conference

May 25-26 2024



At the heart of the evergreen city of

*Thiruvananthapuram*

**Venue: Hilton Garden Inn**

Dear friends,

We welcome all to the evergreen city of Thiruvananthapuram for the 12<sup>th</sup> annual conference of Kerala Heart Rhythm Society, KHRS 2024. This time, we have curated a two-day academic feast with a series of talks in sixteen sessions over two days spanning the entire spectrum of comprehensive arrhythmia management.

The theme of KHRS 2024 is “Demystifying the world of EP”. We have four sessions of exciting case presentations from most of the premier institutes of Kerala and South India. We also have simulator-based “Hands-on” training sessions on basic EP and cardiac rhythm management for the trainees.

We look forward to meeting you and warmly welcome you to the conference.



**Dr Ajit Thachil**  
(President)



**Dr Bhima Shankar P R**  
(Vice President)



**Dr Praveen G Pai**  
(Secretary)



**Dr Anees Thajudeen**  
(Joint Secretary)



**Dr Arun Gopi**  
(Treasurer)



**Dr Narayanan Namboodiri K K**  
(Organising Chair &  
Scientific Committee Chairman)



**Dr Abhilash S P**  
(Organising  
Vice Chairman)



**Dr Jyothi Vijay M S**  
(Organising  
Secretary)

#### EXECUTIVE COMMITTEE MEMBERS

Dr Asokan P K | Dr Haridasan V | Dr Jyothi Vijay M S | Dr Rajeev E

#### INTERNATIONAL FACULTY



**Dr Anjan S Batra**  
*Professor of Pediatric  
Cardiology &  
electrophysiology,  
University of  
California*



**Dr Mansour Razminia**  
*Director of the  
Cardiac  
Electrophysiology,  
St. Joseph Hospital  
in Elgin, Illinois*



**Dr Pugazhendhi Vijayaraman**  
*Director, Cardiac  
Electrophysiology,  
Geisinger  
Heart Institute,  
Pennsylvania*



**Dr Rakesh Gopinathan Nair**  
*Director of Cardiac  
Electrophysiology  
Kansas City Heart  
Rhythm Institute*



**Dr Venkatakrishna Tholakanahalli**  
*Professor of Medicine:  
University of  
Minnesota  
Director: Advanced  
Interventional Cardiac  
Electrophysiology  
Minneapolis VA Health  
Care System*

# KERALA HEART RHYTHM SOCIETY ANNUAL CONFERENCE 2024

## Scientific Programme

Day 1		25 <sup>th</sup> May 2024	
2:00 PM onwards	<b>Simulator Hands-On Sessions</b> CRM hands-on simulator sessions on pacemakers and CRT 2D EP workstation Hands-on session "Interpreting a basic EP Study" 3D mapping Hands-on session		
Time	Topics	Speaker	
2:30 - 3:20 PM	<b>Session 1: Dilemmas in EP; solving the puzzles (6+2 min)</b> <i>Chairpersons: Dr Abhilash SP, Dr Anand Marthanda Pillai, Dr Stigi Joseph</i>		
	Navigating the storm	Dr Vikram V	
	Cryoablation in post renal transplant recipient	Dr Punita Lakxmi Ramesh	
	SVT with catecholaminergic polymorphic VT	Dr Gopu Prudhvi Reddy	
	Polymorphic VT storm in a post-CABG patient	Dr Teena Mary Varghese	
	A case of isolated LV arrhythmogenic cardiomyopathy; multimodality work up and treatment	Dr Aineesh Vallurupalli	
Pandora's box	Dr Nijin Jose		
3:20 - 4:00 PM	<b>Session 2: Learn from the tracings (10 +3 min)</b> <i>Chairpersons: Dr Anees Thajudeen, Dr Cibu Mathew, Dr Sunitha Viswanathan</i>		
	How to do a basic EP study?	Dr Meera R	
	Conventional mapping techniques in EP lab	Dr Anand Marthanda Pillai	
	Entrainment: Bench to bedside	Dr Anees Thajudeen	
4:00 - 4:10 PM	<b>High Tea</b>		
4:10 - 5:10 PM	<b>Session 3: A Primer on SVT (10 +3 min)</b> <i>Chairpersons: Dr Natarajan K U, Dr Meera R, Dr Prabha Nini Gupta</i>		
	Approach to narrow QRS tachycardia "clinic to EP Lab"	Dr Natarajan K U	
	Approach to wide complex tachycardia in EP lab	Dr Narayanan Namboodiri K K	
	AVNRT ablation: <i>Tips and tricks</i>	Dr Bhima Shankar P R	
	Ablation of accessory pathway made easy	Dr Ajit Thachil	


5:10 - 6:00 PM	<b>Session 4: How I made the diagnosis? Challenging arrhythmia cases (6+2 min)</b>	
	<b>Chairpersons: Dr Bhima Shankar P R, Dr Praveen G Pai, Dr Sivaprasad K</b>	
	A wolf in sheep's clothing	Dr Arun Gopi
	The intricate labour	Dr Ashika A
	Between the chalk and cheese	Dr Javaid Ahmad Dar
	All roads lead to Rome	Dr Nayani Balbir Singh
	A recurring theme	Dr Sam Jacob Chiramel
	A tale of pacing on the tail	Dr Sudipta Mondal
6:00 - 6:45 PM	<b>Session 5: High voltage session; Decoding ICD (10 +3 min)</b>	
	<b>Chairpersons: Dr Ajit Thachil, Dr Arshad M, Dr Suresh K</b>	
	Initial programming of an ICD; Principles & practice	Dr Sivaprasad K
	Troubleshooting an ICD; Case-based approach	Dr Abhilash SP
	Newer advances in ICD technology	Dr Arun Gopi
6:45 - 7:30 PM	<b>Session 6: New frontiers in EP (15+5 min)</b>	
	<b>Chairpersons: Dr Anees Thajudeen, Dr Harikrishnan S, Dr Narayanan Namboodiri KK</b>	
	Utility of Intracardiac echocardiography in EP lab: The basics	Dr Mansour Razminia, Illinois
	Cardioneuroablation: Emerging role in electrophysiology	Dr Rakesh Gopinathan Nair, Kansas City
7:30 - 8:00 PM	<b>Session 7: Young investigator award selected abstracts (6+2 min)</b>	
	<b>Chairpersons: Dr Ajitkumar V K, Dr Natarajan K U, Dr Mukund A Prabhu</b>	
	Outcomes of LOT-CRT versus Biventricular CRT by echocardiography and Strain Imaging - A 6 month follow up study	Dr Pooja Prasad
	Predictive value of strain echocardiography, ECG and other variables to predict ventricular arrhythmias in post MI severe LV dysfunction	Dr Muhammed Rameez S
	Clinical correlates of device detected atrial high-rate episodes - a prospective observational study	Dr Sedhupathi S
	The predictors of failure of electrical cardioversion and incremental benefit of double sequential external defibrillation in AF	Dr Swasthi S Kumar
8:00 - 8.40 PM	<b>Session 8: Pacing it right! (6+2 min)</b>	
	<b>Chairpersons: Dr Bhima Shankar P R, Dr Praveen Sreekumar, Dr Vivek Pillai</b>	
	Semi-permanent pacemaker in CHB in a child	Dr Saravana Arasan

	<p>Insights into gram negative bacteria associated vegetation on pacemaker lead</p> <p>Which came first: chicken or the egg?</p> <p>Effect of flecainide on multifocal ectopic Purkinje - related premature contractions in an R814W SCN5A Carrier</p> <p>Failure of auto capture algorithm leading to RNRVAS and pacemaker mediated tachycardia</p>	<p>Dr Abhilash Nair B</p> <p>Dr Jithin S Panicker</p> <p>Dr Marsha Barreto</p> <p>Dr Vinod Nayanegali</p>
8:40 PM	<p><b>KHRS General Body Meeting</b></p> <p>Dinner</p>	
<b>Day 2</b>	<b>26<sup>th</sup> May 2024</b>	
8:00 - 8:30 AM	<p><b>Session 9: Pediatric and Fetal EP: How are they different?</b></p> <p><i>Chairpersons: Dr Deepa S, Dr Krishnamoorthy K M, Dr Praveen G Pai, Dr Rajeev E</i></p>	
	<p>Interpreting ECG in congenital heart disease</p> <p>How to approach and manage fetal arrhythmias?</p>	<p>Dr Mukund A Prabhu</p> <p>Dr Anjan S Batra, Irvine, California</p>
8:30 - 9:10 AM	<p><b>Session 10: Physiological Pacing: bench to bedside (10+3 min)</b></p> <p><i>Chairpersons: Dr Ajitkumar V K, Dr Balakrishnan K P, Dr Haridasan V, Dr Shunmugasundaram P</i></p>	
	<p>Left bundle branch pacing: Concerns amongst evolving evidence</p> <p>Left bundle pacing: Tips and tricks for success</p> <p>CSP versus CRT: Current evidence and guidelines in heart failure</p>	<p>Dr Pugazhendhi Vijayaraman, Pennsylvania</p> <p>Dr Shunmugasundaram P</p> <p>Dr Abhilash S P</p>
9:10 - 9:40 AM	<p><b>AF symposium</b></p> <p><b>Session 11: AF Update (10+3 min)</b></p> <p><i>Chairpersons: Dr Bahuleyan C G, Dr Narayanan Namboodiri K K, Dr Ramdas Nayak, Dr Sajeev C G</i></p>	
	<p>Pulsed Field Ablation: Basics to clinical application</p> <p>Device detected AF. How to approach?</p>	<p>Dr Venkatakrishna Tholakanahalli, Minneapolis</p> <p>Dr Praveen Sreekumar</p>
9:40 - 10:10 AM	<p><b>Session 12: Case in the box session on Atrial fibrillation (10+3 min)</b></p> <p><i>Chairpersons: Dr Bijulal S, Dr Shifas Babu M, Dr Thomas Titus, Dr Venugopal K</i></p>	
	<p>Cryoablation for paroxysmal AF</p> <p>Left atrial appendage occlusion</p>	<p>Dr Narayanan Namboodiri K K</p> <p>Dr Arun Gopi</p>

10:10 - 10:50 AM	<b>Session 13: 3D mapping; Unveiling the mystery of colors (10+3 min)</b>	
	<i>Chairpersons: Dr Anand Marthanda Pillai, Dr Natarajan K U, Dr Praveen Sreekumar, Dr Vivek Pillai</i>	
	Colors in 3D map: what do they represent?	Sabari Saravanan
	Tips and tricks for localisation & ablation of focal VT/PVC	Dr Ajit Thachil
	Mapping and ablation of re-entrant atrial arrhythmia	Dr Bhima Shankar P R
10:50 - 11:00 AM	<b>High Tea</b>	
11:00 AM	<b>Inaugural ceremony and launch of new KHRS website</b>	
11:10 - 12:05 PM	<b>Session 14: Ventricular tachycardia update (10+3 min)</b>	
	<i>Chairpersons: Dr Anees Thajudeen, Dr Madhu Sreedharan, Dr Ramesh Natarajan, Dr Sivaprasad K</i>	
	How to approach a case of "Brugada pattern" in ECG? Current status of challenge tests and EP study	Dr Ajitkumar V K
	Management of VT storm: What is new?	Dr Natarajan K U
	Scar VT ablation: Tips and tricks for long-term success	Dr Anees Thajudeen
	Advances in MR imaging in arrhythmogenic cardiomyopathies	Dr Jineesh V
12:05 - 1:15 PM	<b>Session 15: Chasing the circuit (6+2 min)</b>	
	<i>Chairpersons: Dr Abhilash S P, Dr Ajit Thachil, Dr Meera R, Dr Praveen G Pai</i>	
	Epicardial VT ablation series - A tale of voyage to the Exterior	Dr Arun Gopi
	Two circuits for one	Dr Richard Raj R
	Mystery of equidistant sites	Dr Yogesh Kulkarni
	HPSD approach for management of atrial fibrillation	Dr Usnish Adhikari
	Intra tunnel atrial arrhythmias, in a case of lateral tunnel Fontan	Dr Amira Ali Shaikh
	Jumping signals	Dr Shivendrran M S
	An unexpected complication of Cryoablation	Dr Nikhil Kumar Patel
	Ablating the summit	Dr Swasthi S Kumar
	Shooting without a Bull's eye	Dr Sumanyu S
1:15 - 1:45 PM	<b>LUNCH</b>	
1:45 - 2:30 PM	<b>Session 16: Grand Rhythm Quiz Finals</b>	
	Quiz Masters : Dr Mukund A Prabhu, Dr Jyothi Vijay M S	
	Chairpersons: Dr Ajit Thachil, Dr Narayanan Namboodiri K K	
2:30 PM	<b>Valedictory Function</b> <b>Distribution of Best case/abstract awards, Quiz prizes</b>	



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Cover images:  
Poovar backwaters and Varkala beach