

# INDIAN COLLEGE OF CARDIOLOGY



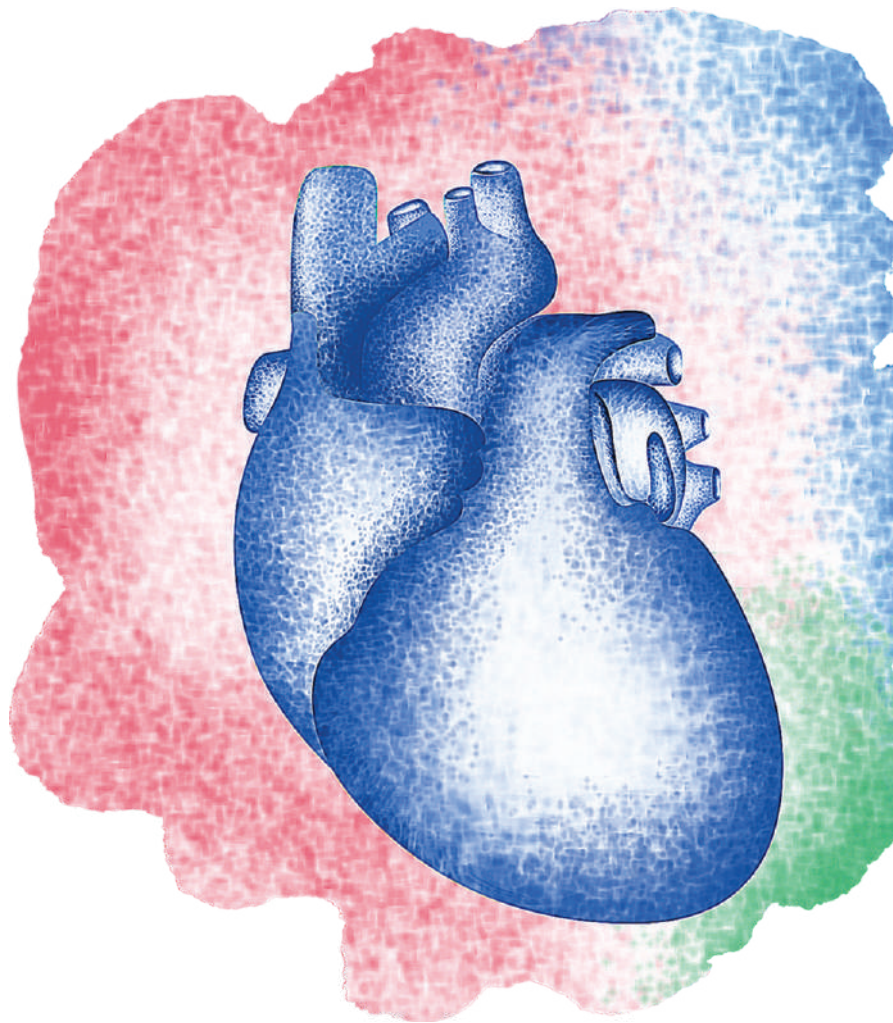
26<sup>th</sup>

## Annual Conference

20, 21 & 22 September 2019

Hotel Le Meridien and  
Convention Centre, Kochi

**ICC 2019 KOCHI**





Dear Friends,

**W**e are delighted to inform you that the 26th Annual Conference of the Indian College of Cardiology, being held at Kochi on the 20th, 21st and 22nd of September 2019, is attracting a lot of attention. The theme of the meeting is "Prevention to Innovation". As the name suggests, there is a lot of learning opportunity in the fields of hypertension, dyslipidemia, heart failure, atrial fibrillation and diabetes. Case based scenarios, covering newer drugs and practice patterns of 2019, will be widely discussed. A galaxy of top national and international speakers will address the gathering and share their

experiences, which would indeed be a unique learning opportunity.

Discussions on the latest forms of treatment in interventional therapy, like percutaneous Mitral valve intervention, would be a key feature. Apart from TAVI and other structural interventions, complex coronary angioplasty technique in the areas of CTO, bifurcation, left main stenting and the application of imaging would be widely addressed.

This year, young cardiologists have an opportunity to showcase their talent. The 'Meet the Mentors' programme also deserves special mention.

A unique PG training programme designed and managed by leading national faculty is part of the scientific programme. Daily sessions to present original abstracts, interventional cases, echo imaging is another attraction. Cash prize is awarded for best paper to post graduates in every session.

Last but not the least, it is a great networking opportunity. Come and enjoy our hospitality with your friends and colleagues.



**Dr NN Khanna**  
President



**Prof K Venugopal**  
Organising  
Chairman



**Dr T R Raghu**  
President Elect



**Dr P B Jayagopal**  
Organising  
Secretary

## ICC 2019 KOCHI Core Committee

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Prof K Venugopal

### Organising Secretary

Dr PB Jayagopal

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(Mayo Clinic, USA)



**Dr Chandrashekar Y**  
(Editor JACC Imaging)  
USA



**Dr Allan L Klein**  
(Past President ASE  
Cleveland Clinic, USA)



**Dr Navin C Nanda**  
(Professor University  
of Alabama, USA)



**Dr Farouc A. Jaffer**  
(Director CTO  
Intervention, Massachusetts  
General Hospital, USA)

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Dr D Rajasekhar

Dr B C Srinivas

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Dr Rabin Chakraborty

Dr R K Kotokey

Dr Subroto Mandal

Dr Rajeeve Kumar Rajput

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Ajit Thachil	DS Chadha	Manish Rai
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Allan Klein	George Koshy	Manoj S
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Amit Vora	Gopi A	Manu Varma
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Anoop George Alex	GPS Sawhney	Mathew Samuel
Anupama V Hegde	Gupta SB	Melo De Barros E Silva
Arun Gopalakrishnan	H Prabhakar	Mishra HN
Arun Gopi	Harikrishnan S	Mishra SS
Aruna C Ramesh	Iyengar SS	Mohanan PP
Ashish Kumar	Jabir A	Mukund Prabhu
Ashraf SM	James Thomas	Muralidharan TR
Ashokan Nambiar	Jayagopal PB	Muhammed Musthafa
Asokan PK	Jayaprakash	Nagesh CM
Badri	Jayasree	Nageswar Rao K
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Balakrishnan KP	Johny Joseph	Narasimhan C
Balbir Singh	Jose Chacko	Narendra J
Beeresh	Justin Paul	Natarajan S
Binoy John	K U Natarajan	Natesh
Bhagirath	Kaparthi	Niteen Deshpande
Bhim Sankar	Kapil Rangan	Nitin Kabra
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Blessan Varghese	Karthik Vasudevan	Ponde CK
Blessvin Jino	Karthikeshan	Prafulla Kerker
Borge G Nordestgaard	Karunadas CP	Pratap Kumar
Byju CK	Kem La Brash	Praveen GK
Chandrasekhar Y	Khanna NN	Rabin Chakrabarthy
Charanjit S Rihal	Kiran Varghese	Raghavan Subramanyam
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Chokkalingam	Krishnakumar R	Rajalakshmi S
Chopra VK	Krishnan MN	Rajasekhar
Cibu Mathew	Lawrence	Rajeev Bhagavath
Das D R	Madhavan	Rajeev E
Dayanand Kumble	Madhu Paulose	Rajesh G
Dayasagar Rao	Mahala BK	Rajesh Kannan
Deepak Davidson	Mahapatra	Rajiv Aggarvala
	Mahesh	Rajiv C

Rajiv Kumar Rajput  
Rajpal A  
Ramakrishna Pillai  
Ramakrishnan S  
Raman Chawla  
Ramesh Natarajan  
Ramesh SS  
Ranjan Shetty  
Ravikumar  
Ravinder Singh Rao  
Ravindranath K S  
Ravul Jindal  
Rishi Sethi  
Rony Mathew  
Routray SN  
Sadananda  
Sai Satish  
Sajan Ahmed  
Sajy Kuruttukulam  
Sakilesh  
Samal UC  
Sandeep Bansal  
Sandeep Mohan  
Sanjay Boye  
Sanjeeb Roy  
Sanjeev Sharma  
Santanu Guha  
Sarat Chandra  
Sarat Reddy  
Sarjun Basha  
Santhosh Satheesh  
Sathish K  
Sathish Reddy  
Satish Govind/Sunil Bora  
Shafeek Mattummal  
Shajudeen  
Shanmugasundaram  
Shreetal Nair  
Singh BP  
Sivakumar K  
Sivaprasad K  
Somasekhara  
Sreekala P  
Sridhar L

Srinivas BC  
Srinivas KH  
Srinivas Kumar  
Stigi Joseph  
Subroto Mandal  
Sundeep Mishra  
Sunil Modi  
Sunitha Viswanathan  
Suresh K  
Terry Vandam Hock  
Tharakan JM  
Thomas Alexander  
Tiny Nair  
Trinath Mishra  
Uday Jadhav  
V Amuthan  
Vaidyanath PR  
Veena Nanjappa  
Venugopal K  
Venugopalan PP  
Vijay Bang  
Vijay Ganesan  
Vijay Trehan  
Vijayalakshmi IB  
Vijayaraghavan G  
Vijith Samuel  
Vinod Thomas  
Vivek Bose  
Vivek Chauhan  
Viveka Kumar  
Yashpal Sharma

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Dr George Jacob  
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Dr Koshy Eapen  
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Dr Tennyson S  
Dr Vijayaraghavan G  
Dr George Eraly  
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Dr Suresh K  
Dr Joseph Joy

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Dr Sudhayakumar N  
Dr Ajit Kumar V K  
Dr Krishnakumar R  
Dr Sunitha Viswanathan  
Dr Zulkar Ahmad

### **International Faculty Co-ordinators & Advisors**

Dr Tiny Nair  
Dr George Koshy A  
Dr Raju George  
Dr Sajeev C G  
Dr Sivaprasad K  
Dr Harikrishnan S

### **Audio Visual**

Dr Prathapkumar N  
Dr Jayakumar B  
Dr Abhilash T G  
Dr Praveen S

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Dr Markose K P  
Dr Mathew Abraham  
Dr Manu Varma  
Dr Anil Roby

**Brochure & Marketing**

Dr James Thomas  
Dr Jo Joseph  
Dr Sajan Ahmad Z

**Convocation**

Dr Govindan Unni  
Dr Stigi Joseph  
Dr Anwar Varghese  
Dr Paul Thomas

**Entertainment**

Dr V L Jayaprakash  
Dr Balakrishnan K P  
Dr Cibi Issac  
Dr Sandeep Mohanan

**Industry & Finance**

Dr PP Mohanan  
Dr Ali Faizal  
Dr Muhammed Musthafa

**Inauguration**

Dr Sasikumar M  
Dr Sajy Kuruttukulam  
Dr Anil kumar R  
Dr Balakrishnan N

**Hall Management**

Dr Natarajan K U  
Dr Ashishkumar M  
Dr Praveen G Pai  
Dr Jimmy George  
Dr Ullas Mullahalla

**Interventional & Imaging****Programme**

Dr Rony Mathew  
Dr Louie Fischer  
Dr Prasanna Kumar C K  
Dr Shafeeq Mattummal  
Dr Arun Gopi  
Dr Asokan P K  
Dr Ashraf S M  
Dr Rajiv C  
Dr Rajesh Muralidharan  
Dr George Koshy

**CD Hall Management**

Dr Frijio Jose  
Dr Anil Balachandran  
Dr Narayanan Namboodiri  
Dr Jain T Kallarakkal

**Spouse Hospitality**

Dr George Eraly  
Dr George Thayil  
Dr Prabha Nini Guptha  
Dr Sheeba George  
Dr Krishnakumar K

**Industry Exhibition**

Dr Eapen Punnose  
Dr Rajasekhar Varma  
Dr Byju Kachery  
Dr Sujay Renga

**Reception**

Dr Rajalekshmi S  
Dr Ramesh Natarajan  
Dr Umesan C V  
Dr Siar

**Registration**

Dr Syam N  
Dr Madhu Sreedharan  
Dr Anandakumar V  
Dr Rajesh K F

**Venue**

Dr V V Radhakrishnan  
Dr Nandakumar S  
Dr Placid Sebastian  
Dr Sreekala P

**Website**

Dr Johnson Francis  
Dr Rajeev Zachariah  
Dr Rajeev E  
Dr Josy Chacko  
Dr C D Ramakrishna

**Media**

Dr Johny Joseph  
Dr P B Jayagopal  
Dr Jabir A  
Dr Vinod Thomas



20-09-2019

<b>08.15 AM - 09.00 AM</b>	<b>ECG for physicians: basics of ECG interpretation</b>
Moderator	KU Natarajan
Chairpersons	Arun Gopi, Bhim Sankar, Lawrance Jesuraj

<b>09.00 AM - 10.00 AM</b>	<b>Emerging Concepts in Hypertension</b>	
Chairpersons	Raju George, Yavagal ST, Bhat KSS, George Thayil, MG K Pillai, Rajeev Aggarwal	
09.00 AM- 09.08 AM	Is there a J curve for hypertension and CVD?	Natarajan S
09.08 AM- 09.16 AM	Which is the preferred diuretic in hypertension, chlorthalidone or indapamide?	Mishra SS
09.16 AM- 09.24 AM	Is betablockers still relevant in initial management of hypertension in Indian patients ?	Uday Jadhav
09.24 AM- 09.32 AM	How do we treat hypertension peri - operatively	AC Nagamani
09.32 AM- 09.40 AM	Role of newer ca channel blockers in hypertension	Gupta SB
09.40 AM- 09.48 AM	What is the evidence for tight BP control?	PP Mohanan
09.48 AM- 10.00 AM	Discussion	

<b>10.00 AM - 11.00 AM</b>	<b>Decision making in lipid abnormalities of my patient</b>	
Chairpersons	George Eraly, Periaswamy JK, Borge G Nordestgaard, Asokan Nambiar, Andrews MA, Dayasagar Rao	
10.00 AM- 10.08 AM	Should I continue high intensity statins, in ASCVD, when LDL is below 40 mg/dL?	Sunil Modi
10.08 AM- 10.16 AM	How to manage my patient with CAD, on statins and elevated liver enzymes	Routray SN
10.16 AM- 10.24 AM	Is very high dose statins not indicated in Asians?	KP Balakrishnan
10.24 AM- 10.32 AM	My patient's LDL remains above target despite high intensity statins. What are the options?	Iyengar SS
10.32 AM- 10.40AM	Should my elderly patient also receive high intensity statins?	Manjuran RJ
10.40 AM- 10.48AM	When should I begin drug treatment in Hypertriglyceridemia?	Kannan K
10.48 AM- 11.00 AM	Discussion	



<b>11.00 AM - 11.30 AM</b>	<b>Invited Lectures</b>	
Chairpersons	Borge G Nordestgaard, Rabin Chakraborty, Manjunath CN	
11.00 AM - 11.12 AM	From contra-indication to indication - Change of role of beta blockers in 2019	Tiny Nair
11.12 AM - 11.15 AM	Discussion	
11.15 AM - 11.27 AM	A case for aggressive lipid lowering in CAD	Rajeev Aggarwal
11.27 AM - 11.30 AM	Discussion	

#### Plenary Session 11.30 AM - 01.00 PM

<b>11.30 AM - 11.50 AM</b>	<b>Guest Lecture</b>	
Chairpersons	Raghu TR, Uday Jadhav, Geevar Zachariah, Rajeev Aggarwal	
11.30 AM - 11.45 AM	It is not good to have too much goodness- The mystery of HDL	Borge G Nordestgaard
11.45 AM - 11.50 AM	Discussion	

<b>11.50 AM - 12.05 PM</b>	<b>Heart Failure Oration</b>	
Chairpersons	Jayagopal PB, Harikrishnan S, UC Samal, NN Khanna	
11.50 AM - 12.05 PM	Looming Burden of Heart Failure in India: Can we Reduce it?	Ambuj Roy

<b>12.05 PM - 12.20 PM</b>	<b>Pharmacia Oration</b>	
Chairpersons	Asokan PK, RJ Manjuran, Subroto Mandal	
12.05 PM - 12.20 PM	Bringing technology to the doorstep of every Indian	Ramesh SS

<b>12.20 PM - 12.40 PM</b>	<b>Guest Lecture</b>	
Chairpersons	Alagesan R, Vijayaraghavan G, Navin C Nanda, Kotokey RK	
12.20 PM - 12.35 PM	Multimodality Imaging of the pericardium: An imaging guided approach	Allan Klein
12.35 PM - 12.40 PM	Discussion	

<b>12.40 PM - 01.00 PM</b>	<b>Guest Lecture</b>	
Chairpersons	Rajesh T, Madhav Hegde, Ajit Kumar VK	
12.40 PM - 12.55 PM	Coronary calcium score is far superior to exercise stress testing in predicting cardiovascular events.	Chandrasekhar Y
12.55 PM - 01.00 PM	Discussion	



<b>01.00 PM - 01.30 PM</b>	<b>Luncheon Session</b>	
Chairpersons	Raghu TR, Uday Jadhav, Dayasagar Rao, Srinivas BC	
	Consensus statement on ABPM in India	Jayagopal PB

<b>01.30 PM - 02.00 PM</b>	<b>Meet my Mentor – Narasimhan C</b>	
Chairpersons	Gupta SB, Jagan Mohan Tharakan	
01.30 PM - 01.35 PM	Introducing the mentor	Muralidharan TR
01.35 PM - 01.40 PM	How did I benefit from mentorship?	Bhim Sankar
01.40 PM - 01.45 PM	How did I benefit from mentorship?	Arun Gopi
01.45 PM - 01.55 PM	Comments from the Mentor	Narasimhan C
01.55 PM - 02.00 PM	Q and A Audience	

<b>02.00 PM - 02.30 PM</b>	<b>Point Counter Point : Stable ischemic heart disease management</b>	
02.00 PM - 02.10 PM	I will manage conservatively in most cases	Justin Paul
02.10 PM - 02.20 PM	I will go for early intervention	Asokan PK
02.20 PM - 02.24 PM	Audience interaction	
02.24 PM - 02.29 PM	A consensus approach	Krishnan MN
02.29 PM - 02.30 PM	ARS	

<b>02.30 PM - 03.30 PM</b>	<b>Clinical management issues: Answers in a nutshell</b>	
Chairpersons	Srinivas KH, Justin Paul, Rajasekhar D, Binu SS, Sahasranam KV, Mangalanandan P	
02.30 PM - 02.35 PM	When to start and when to stop RAS blockers in hypertension	James Thomas
02.35 PM - 02.40 PM	How do you manage statin intolerance?	Sarjun Basha
02.40 PM - 02.45 PM	Has chelation treatment any role in treatment of chronic stable angina ?	Arun Paneerselvam
02.45 PM - 02.50 PM	Patients with prosthetic valve on OAC coming for surgery. How do you manage?	Sajy Kuruttukulam
02.50 PM - 02.55 PM	Heart failure with hyponatremia- how do I manage?	Anil Balachandran
02.55 PM - 03.00 PM	Managing hypertension in CKD	Badari Narayanan
03.00 PM - 03.05 PM	Dosing time of anti hypertensive medications: is it important? Do we have evidence?	Das DR
03.05 PM - 03.10 PM	FDA ARB recalls. What should we advise our patients?	Veena Nanjappa
03.10 PM - 03.15 PM	Management of iron deficiency in heart failure. How to treat and what to target?	Anoop George Alex
03.15 PM - 03.20 PM	How to manage hyperkalemia in heart failure?	Blessan Varghese

03.20 PM - 03.30 PM	<b>Tea Break</b>
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<b>03.30 PM - 04.30 PM</b>	<b>Symposium on Heart Failure</b>	
Chairpersons	Stigi Joseph, SN Routray, Mathew Abraham, Omnath R, Chacko KA, Asha Latha B	
03.30 PM - 03.38 PM	When Do Biomarkers Really Help in HF?	Samal UC
03.38 PM - 03.46 PM	Heart failure in children - is it different?	Vijayalakshmi IB
03.46 PM - 03.54 PM	How to diagnose and manage heart failure with preserved EF?	Amal Kumar Banerjee
03.54 PM - 04.02 PM	Which is the ideal inotrope in ADHF?	Singh BP
04.02 PM - 04.10 PM	How to optimise diuretic therapy in heart failure?	Manganandan P
04.10 PM - 04.18 PM	In hospital initiation ARNI in heart failure with reduced EF	Govindan Unni
04.18 PM - 04.30 PM	Discussion	

<b>04.30 PM - 04.50 PM</b>	<b>Guest Lecture</b>	
Chairpersons	Natarajan S, Srinivas BC, Ramakrishna Pillai	
04.30 PM - 04.45 PM	How to detect vulnerable plaque	Chandrashekhar Y
04.45 PM - 04.50 PM	Discussion	

<b>04.50 PM - 05.10 PM</b>	<b>Guest Lecture</b>	
Chairpersons	Sunil Modi, Mohanan PP, Mishra SS	
04.50 PM - 05.05 PM	Triglyceride - rich lipoproteins in obesity and cardiovascular disease	Borge G Nordestgaard
05.05 PM - 05.10 PM	Discussion	

<b>05.10 PM - 05.40 PM</b>	<b>Challenging Cases in Cardiology Session</b>	
Chairpersons	Kannan K, TR Raghu, Radhakrishnan VV	
Moderator	Thomas Alexander	
	<b>Case 1</b>	
05.10 PM - 05.15 PM	Presentation of the case	Resident Cardiologist
05.15 PM - 05.30 PM	Case discussion and interaction with panellists	Moderator
05.30 PM - 05.40 PM	Q and A	Moderator

<b>05.40 PM - 06.20 PM</b>	<b>Case 2</b>	
Chairpersons	Sudhayakumar, Ravindranath KS, Nitin Kabra	
Moderator	Prafulla Kerker	
05.40 PM - 05.45 PM	Presentation of the case	Resident Cardiologist
05.45 PM - 06.05 PM	Case discussion and interaction with panellists	Moderator
06.05 PM - 06.20 PM	Q and A	

06.20 PM - 07.00 PM	Convocation
07.00 PM - 08.00 PM	GBM
08.00 PM	Dinner & Entertainment Program



21-09-2019

09.20 AM - 09.00 AM	Oral Presentations (Best presentation will get prize of Rs 10000)
Judges	Ajay Mahajan, George Koshy A, Justin Paul

09.00 AM - 10.00 AM	<b>STEMI Management in 2019</b>	
Chairpersons	Kiron Varghese, Balakrishnan KP, Bahuleyan CG, Jayaprakash VL, Nagamani AC, Iyengar SS	
09.00 AM - 09.08 AM	Strategies to improve delay in revascularization	Rishi Sethi
09.08 AM - 09.16 AM	Is pharmaco-invasive management the best strategy for STEMI in India ?	Sarat Chandra
09.16 AM - 09.24 AM	Does streptokinase still have a role in STEMI management in India ?	Rajasekhar D
09.24 AM - 09.32 AM	Timing of PCI after lytic treatment	Yashpal Sharma
09.32 AM - 09.40 AM	Late presenters for STEMI: issues in management	Ajay Mahajan
09.40 AM - 09.48 AM	In hospital rehabilitation after STEMI	Dayanand Kumble
09.48 AM - 10.00 AM	Discussion	

<b>10.00 AM - 10.25 AM</b>	<b>Debate Multi-Vessel PCI in STEMI and Shock</b>	
Moderator	Bahuleyan CG	
10.00 AM - 10.04 AM	Case presentation	Resident Cardiologist
10.04 AM - 10.12 AM	I feel that this approach is lifesaving	Suresh K
10.12 AM - 10.20 AM	I disagree. Data does not support multi-vessel PCI in patients with shock	Abraham Oommen
10.20 AM - 10.24 AM	Interactive discussion	Moderator
10.24 AM - 10.25 AM	Audience Poll	

<b>10.25 AM - 10.40 AM</b>	<b>Invited Lecture</b>	
Chairpersons	Vijayalakshmi IB, Abdul Khadar S, Nitin Kabra, Zulfikar Ahamed	
10.25 AM - 10.37 AM	Epidemiology of rheumatic fever in India: can we hope to conquer it in near future?	Krishnakumar R
10.37 AM - 10.40 AM	Discussion	

<b>10.40 AM - 10.55 AM</b>	<b>Lecture</b>	
Chairpersons	Harikrishnan S, Manjunath CN, Routray SN	
10.40 AM - 10.52 AM	ICC Heart Failure Registry: what have we learnt?	Jayagopal PB
10.52 AM - 10.55 AM	Discussion	

<b>10.55 AM - 11.10 AM</b>	<b>Invited Lecture</b>	
Chairpersons	SK Parashar, Ramakrishna Pillai, Abraham Oomen	
10.55 AM - 11.07 AM	Dawn of a new era: enter NOACs and exit Vitamin K antagonists in nonvalvular AF	Manoria PC
11.07 AM - 11.10 AM	Discussion	

<b>11.10 AM - 11.25 AM</b>	<b>Invited Lecture</b>	
Chairpersons	Sivaprasad K, MN Krishnan, Srinivas BC	
11.10 AM - 11.22 AM	Will shrinking of atherosclerotic plaque become a therapeutic target?	Dayasagar Rao
11.22 AM - 11.25 AM	Discussion	

#### Plenary Session 11.25 AM - 01.30 PM

<b>11.25 AM - 11.45 AM</b>	<b>Guest Lecture</b>	
Chairpersons	Sudhayakumar N, Sivasankaran S, Amuthan V	
11.25 AM - 11.40 AM	Most recent advance in echocardiography	Navin C Nanda
11.40 AM - 11.45 AM	Discussion	

<b>11.45 AM - 12.05 PM</b>	<b>Presidential Oration</b>	
Chairpersons	Goel PK, Ravindranath KS, Ramakrishna Pillai, TR Raghu	
11.45 AM - 12.05 PM	Oration	Khanna NN

<b>12.05 PM - 12.25 PM</b>	<b>Guest Lecture</b>	
Chairpersons	Praveen Jain, Krishnakumar B, Abraham Oommen, Sheeba George	
12.05 PM - 12.20 PM	Familial hypercholesterolemia: under diagnosed and under treated entity	Borge G Nordestgaard
12.20 PM - 12.25 PM	Discussion	

<b>12.25 PM - 12.40 PM</b>	<b>Jayadeva Surgical Oration</b>	
Chairpersons	Baburajan AK, Ravikumar R, James Thomas, Manjunath CN	
12.25 PM - 12.40 PM	A journey through heart transplantation in India	Jose Chacko P

<b>12.40 PM - 01.00 PM</b>	<b>Guest Lecture</b>	
Chairpersons	Manjunath CN, Ajit Kumar VK, Vijit Samuel	
12.40 PM - 12.55 PM	New paradigm in structural heart interventions	Charanjit S Rihal
12.55 PM - 01.00 PM	Discussion	

<b>01.00 PM - 01.30 PM</b>	<b>Lectures</b>	
Chairpersons	Mohammed Musthafa, Sambasivam KA, Ashraf SM	
01.00 PM - 01.12 PM	Tips and tricks in SVG Intervention	Binoy John
01.12 PM - 01.24 PM	Thrombus management in STEMI tips & tricks	Niteen Deshpande
01.24 PM - 01.30 PM	Discussion	

<b>01.30 PM - 02.00 PM</b>	<b>Meet My Mentor: Manjunath CN</b>	
Chairpersons	Kannan K, Dayasagar Rao	
01.30 PM - 01.35 PM	Introducing the Mentor	Ravindranath K S
01.35 PM - 01.40 PM	How did I benefit from mentorship?	Sadananda KS
01.40 PM - 01.45 PM	How did I benefit from mentorship?	Deepak Davidson
01.45 PM - 01.55 PM	Comments from the Mentor	Manjunath CN
01.55 PM - 02.00 PM	Q and A Audience	

<b>02.00 PM - 03.00 PM</b>	<b>Symposium: Diabetes</b>	
Chairpersons	Anand Pandey, Sivabalan M, Ullas M, Venkatesh T K, CD Ramakrishnan, Asha Latha B	
02.00 PM - 02.08 PM	Should all diabetic patients with CVD receive SGL2 inhibitors ?	Ponde CK

02.08 PM - 02.16 PM	What is the evidence for improvement of cardiovascular outcome with metformin?	Muralidharan TR
02.16 PM - 02.24 PM	Is diabetes really a CAD equivalent?	Sivaprasad K
02.24 PM - 02.32 PM	Is Diabetic cardiomyopathy a separate entity?	Chokkalingam K
02.32 PM - 02.40 PM	What is the HbA1C target in patients with established CVD?	Madhavan A
02.40 PM - 02.48 PM	Management of diabetes in heart failure	Manotosh Panja
02.48 PM - 03.00 PM	Discussion	

<b>03.00 PM - 04.00 PM</b>	<b>Wearable devices in cardiology</b>	
Chairpersons	Jo Joseph, John Roshan, Krishnamohan Nair, Kiron Varghese, Rangaraj R, Arun Stanley	
03.00 PM - 03.08 PM	Newer technologies in ambulatory ECG monitoring	Satish Reddy
03.08 PM - 03.16 PM	Apple watch monitoring: lessons learned from apple heart	GG Shetty
03.16 PM - 03.24 PM	Wearable devices in obstructive sleep apnoea	Cibu Mathew
03.24 PM - 03.32 PM	Wearable cardiac defibrillators in high risk cases	Narayan Namboodiri
03.32 PM - 03.40 PM	Patient monitoring apps in cardiology	Beerasha P
03.40 PM - 03.48 PM	Sensors in early diagnosis of heart failure	Mishra HN
03.48 PM - 04.00 PM	Discussion	

<b>04.00 PM - 04.15 PM</b>	<b>Lecture</b>	
Chairpersons	Suranagi, Patted SV, Sosale S, Nagoor Meeran	
04.00 PM - 04.12 PM	Pharmacologic treatment of pulmonary hypertension: Recent advances	Bhagirath Raghuraman
04.12 PM - 04.15 PM	Discussion	

<b>04.15 PM - 04.30 PM</b>	<b>Lectures</b>	
Chairpersons	Manikandan TV, Rajalekshmi S, Umesan CV	
04.15 PM - 04.27 PM	Declare to DAPA - HF: Prevention to treatment of HF	Ravindranath KS
04.27 PM - 04.30 PM	Discussion	

<b>04.30 PM - 04.55 PM</b>	<b>Debate: Statin in Primary Prevention</b>	
04.30 PM - 04.38 PM	I will use high intensity statins	Goel PK
04.38 PM - 04.46 PM	I will not use high intensity statins.	Bhuvaneshwaran JS

04.46 PM - 04.50 PM	Audience interaction	
04.50 PM - 04.54 PM	Can we have a consensus?	Mohan PP
04.54 PM - 04.55 PM	ARS	

<b>04.55 PM - 05.35 PM</b>	<b>Invited Lectures</b>	
Chairpersons	Pradeepkumar D, Venkitaram H, Suresh V Sagaral, Jimmy George, Sandeep Mohanan, Anwar Varghese	
04.55 PM - 05.06 PM	Lytic therapy for pulmonary embolism: Indian perspective	Shanmugasundaram S
05.06 PM - 05.17 PM	Is NASH a CAD risk factor?	Venugopal K
05.17 PM - 05.28 PM	RF ablation for AF: how to choose the right patient?	Jayaprakash S
05.28 PM - 05.35 PM	Discussion	

<b>05.35 PM - 06.00 PM</b>	<b>Guest Lecture</b>	
Chairpersons	Johny Joseph, Muralidhar K, Syamsundar, Manjunath CN, Sunil Bohra, BC Srinivas	
05.35 PM - 06.00 PM	Mitral valve prolapse revisited: Sudden death in the young adult and mitral disjunction	Navin C Nanda

<b>06.00 PM - 06.25 PM</b>	<b>Case Based Session</b>	
Chairpersons	Jaffer Farouc, Rony Mathew, Rajpal A	
Moderator	Vijith Samuel	
06.00 PM - 06.05 PM	Presentation of the case	Resident Cardiologist
06.05 PM - 06.20 PM	Case discussion and interaction with panellists	Moderator
06.20 PM - 06.25 PM	Q and A	Moderator

<b>08.00 PM</b>	<b>Inauguration</b>	
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22-09-2019

<b>08.20 AM - 09.00 AM</b>	<b>Oral Presentations (Best presentation will get prize of Rs 10000)</b>	
Chairpersons	Ramesh Natarajan, Sujay Ranga, N Syam, KH Srinivas, PR Vaidyanathan, Rajasekhar D	

<b>09.00 AM - 10.00 AM</b>	<b>Award Session (Best paper carries prize of Rs 50000, second best paper with prize of Rs 25000 and third best paper with prize of Rs 10000)</b>	
Judges	SS Ramesh, KS Ravindranath, Geevar Zachariah, V Anandkumar, Johnson Francis, TR Raghu	

<b>10.00 AM - 10.15 AM</b>	<b>Heart failure - Newer options</b>	
Chairpersons	Siar MA, Praveen G Pai, Eapan Punnoose	
10.00 AM - 10.12 AM	NOACs in heart failure	Ramakrishna Pillai
10.12 AM - 10.15 AM	Discussion	

<b>10.15 AM - 10.30 AM</b>	<b>SGLT2 Inhibitors</b>	
Chairpersons	Manoj Ravi, Rajesh G, Jayakumar TG	
10.15 AM - 10.27 AM	SGLT2 Inhibitors in heart failure	Jabir A
10.27 AM - 10.30 AM	Discussion	

<b>10.30 AM - 11.00 AM</b>	<b>Symposium on ARNI</b>	
Chairpersons	T Govindan Unni, Cibi Isaac, Placid Sebastian, PM Jayaraj	
10.30 AM - 10.42 AM	ARNI in stable heart failure patients	Raghu TR
10.42 AM - 10.45 AM	Discussion	
10.45 AM - 10.57 AM	ARNI in heart failure with reduced: EF should we worry about renal dysfunction	Chopra VK
10.57 AM - 11.00 AM	Discussion	

<b>11.00 AM - 11.30 PM</b>	<b>Symposium on Remogliflozin</b>	
Chairpersons	Jayagopal PB, Sheeba George, Ramakrishna Pillai, Ramesh Natrajan	
11.00 AM - 11.12 AM	Real world experience with remogliflozin	GPS Sawhney
11.12 AM - 11.24 AM	Remogliflozin: an affordable SGL2 inhibitor for Indian diabetic	Balamurugan R
11.24 AM - 11.30 AM	Discussion	

<b>11.30 AM - 12.00 PM</b>	<b>Invited lectures</b>	
Chairpersons	Srikanth KV, KS Keshava, Sivakumar Bairappa, Sasikumar M, Balakrishnan N, Praveen G Pai	
11.30 AM - 11.42 AM	Echo in the emergency room	V Amuthan
11.42 AM - 11.45 AM	Discussion	
11.45 AM - 11.57 AM	Familial hypercholesterolemia in India	GPS Sawhney
11.57 AM - 12.00 PM	Discussion	
12.00 PM - 12.15 PM	CABG OR PCI for LMCA disease ?	Dharmendra Jain

<b>12.15 PM - 01.00 PM</b>	<b>Challenging Cases Contest</b>	
Chairpersons	Geevar Zachariah, Raghu TR, BC Srinivas, PP Mohanan, Asokan PK, S Natarajan	

<b>01.00 PM</b>	<b>CD Presentation</b>	
Chairpersons	Showjad Mohammed, Muhamed Shaloob, Raghu TR, Bhuvaneshwaran JS, Jayagopal PB, Ravindranath KS, Preetam Kumar Francis	



### Interventional Cardiology and Advanced Imaging Part 1

<b>09.00 AM - 10.15 AM CTO SESSION</b>		
Chairpersons	Rajasekhara Varma, Srinivas BC, Sarat Chandra, Prasannakumar CK, Chokkalingam K, Praveen Velappan	
	Case based talks	8+4
09.00 AM - 09.12 AM	Case 1: Angiogram analysis	Kaparthi LN
09.12 AM - 09.24 AM	Case 2: Antegrade CTO intervention: guide wire choice and usage	Goel PK
09.24 AM - 09.36 AM	Case 3: Antegrade dissection re entry	Sarat Reddy
09.36 AM - 09.48 AM	Case 4: Septal channel analysis	Byju CK
09.48 AM - 10.00 AM	Case 5 Retrograde intervention	Pratap Kumar
10.00 AM - 10.12 AM	Case 6: Complications in CTO	Sanjeeb Roy

<b>10.15 AM - 10.40 AM Guest Lecture</b>		
10.15 AM - 10.35 AM	CT and Intravascular Imaging in CTO PCI	Jaffer Farouc
10.35 AM - 10.40 AM	Discussion	

<b>10.40 AM - 11.14 AM Paravalvular Leak Cases</b>		
Chairpersons	Charanjit Rihal, Harikrishnan S, Binoy John, Vijayakumar M	
	Case based talks	8+4
10.40 AM - 10.52 AM	Case 1	Harikrishnan S
10.52 AM - 11.14 AM	Case 2	Srinivas KH

<b>11.05 AM - 11.30 AM Guest Lecture </b>		
11.05 AM - 11.25 AM	Techniques and outcomes of management of paravalvularleak	Charanjit Rihal
11.25 AM - 11.30 AM	Discussion	

### Plenary Session 11.30 PM - 01.00 PM

<b>01.00 AM - 01.30 AM</b>	Lunch Break
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## Interventional Cardiology and Advanced Imaging Part 2 (01.00 PM - 07.00 PM)

<b>01.30 PM - 01.50 PM</b>	<b>Guest Lecture</b>	
Chairpersons	Navin C Nanda, Vijayaraghavan G, Alagesan R, Rajesh G, Anil Kumar R	
01.30 PM - 01.45 PM	Constriction vs restriction. What is new?	Allan Klein
01.45 PM - 01.50 PM	Discussion	

<b>01.50 PM - 02.10 PM</b>	<b>Guest Lecture</b>	
Chairpersons	Vijit Samuel, Rony Mathew, Ajit Kumar VK, Ramdas Nayak, Sarat Reddy	
01.50 PM - 02.05 PM	Molecular Imaging: is it the future?	Jaffer Farouc
02.05 PM - 02.10 PM	Discussion	

<b>02.10 PM - 03.00 PM</b>	<b>Rapid Fire Session</b>	
Chairpersons	Subroto Mandal, Anand Kumar V, Sunil Shivadas, George Koshy, Jayesh Bhaskaran, Dolly Mathew	
02.10 PM - 02.15 PM	What is Campeau Paradox in interventional cardiology?	Jo Joseph
02.15 PM - 02.20 PM	What is supersaturated oxygen system for PCI of LAD-STEMI?	Jayashree Kharge
02.20 PM - 02.25 PM	What is the antiplatelet drugs strategy in patients with CAD already on NOACS?	Sathish K
02.25 PM - 02.30 PM	TAVR in low risk AS	Navin Mathew
02.30 PM - 02.35 PM	What is meant by proportionate MR and disproportionate MR in interventions for Secondary MR?	Nagesh CM
02.35 PM - 02.40 PM	Is renal denervation treatment for hypertension making a comeback ?	Kapil Rangan
02.40 PM - 02.45 PM	What is the feasibility of early discontinuation of aspirin after DES implantation	Karthik Vasudevan
02.45 PM - 02.50 PM	What is the current status of hybrid coronary revascularization ?	Nandakumar S

<b>03.00 PM - 04.20 PM</b>	<b>Let us get the rhythm right: A case based approach to diagnosis and management of rhythm disorders</b>	
Chairpersons	Natarajan KU, Rabin Chakraborty, John Roshan, Aneesh Thajudeen, Praveen Sreekumar, Muralidhar TR	
	Case based talks	8+3
03.00 PM - 03.11 PM	Sinus node dysfunction	Manish Rai
03.11 PM - 03.22 PM	AV blocks	Amit Vora
03.22 PM - 03.33 PM	Paroxysmal SVT	Rabin Chakraborty
03.33 PM - 03.44 PM	Ventricular Tachycardia in LV dysfunction	Balbir Singh
03.44 PM - 03.55 PM	VT in structurally normal heart	Lawrence Jesuraj
03.55 PM - 04.06 PM	His Bundle Pacing	Karthigesan
04.06 PM - 04.17 PM	Rhythm control in AF	John Roshan

<b>04.20 PM - 04.35 PM</b>	<b>Invited Lecture</b>	
Chairpersons	Amit Vora, Balbir Singh	
04.20 PM - 04.32 PM	Management of arrhythmic storm	Narasimhan C
04.32 PM - 04.35 PM	Discussion	

8+4

<b>04.35 PM - 05.47 PM</b>	<b>LMCA Bifurcation</b>	
Chairpersons	Prabha Nini Gupta, Gireesh PV, Binoy John, Rony Mathew, KH Srinivas, Prathap Kumar N	
04.35 PM - 04.47 PM	My preferred technique	Balakrishna Pai
04.47 PM - 04.59 PM	My toolkit	Rajpal A
04.59 PM - 05.11 PM	Imaging in LMCA interventions	Bahuleyan CG
05.11 PM - 05.23 PM	Debulking in LMCA interventions	Mathew Samuel K
05.23 PM - 05.35 PM	Assessment of physiology of bifurcation	Ashraf SM
05.35 PM - 05.47 PM	Perfect POT and Perfect KISS	Vijay Trehan

<b>05.50 PM - 06.05 PM</b>	<b>Invited Lecture</b>	
Chairpersons	Mathew Samuel K, Byju CK, GG Shetty, Kaparathi LN	
05.50 PM - 06.02 PM	EBC guidelines and key learning points	Rajeev Bhagavath
06.02 PM - 06.05 PM	Discussion	

4+4

<b>06.05 PM - 07.00 PM</b>	<b>Unusual Cases in My Interventional Practice</b>	
Chairpersons	Bhaskar KN, B Ramesh, Rachel Daniel, PP Mohanan, Venkatesh TK, Sanjeeb Roy	
06.05 PM - 06.13 PM	Case 1	Ezhilan J
06.13 PM - 06.21 PM	Case 2	Mohammed Musthafa
06.21 PM - 06.29 PM	Case 3	Mahala BK
06.29 PM - 06.37 PM	Case 4	Manoj Ravi
06.37 PM - 06.45 PM	Case 5	Madhu Paulose
06.45 PM - 06.53 PM	Case 6	Anand Gnanaraj
06.53 PM - 07.00 PM	Case 7	Refai Showkat Ali



21-09-2019

<b>08.20 AM - 09.00 AM</b>	<b>Oral Presentations (Best presentation will get prize of Rs 10000)</b>
Judges	Sivaprasad K, Jayakumar TG, Suresh Madhavan, Jayaprakash VL, L Sridhar, JS Bhuvaneshwaran

**Interventional Cardiology 09.00 AM - 11.30 AM**

<b>09.00 AM - 10.00 AM</b>	<b>TAVR Session</b>	
Chairpersons	Ashish Kumar M, Bijulal S, Rajpal A, Sreenivas Kumar A, Vivek Gupta	
	Case based talks	8+2
09.00 AM - 09.10 AM	Patient selection and pre procedural work up for TAVR	Rajiv C
09.10 AM - 09.20 AM	Step by step approach	Anantharaman
09.20 AM - 09.30 AM	Importance of hemodynamics in valve selection	Sai Satish
09.30 AM - 09.40 AM	TAVR Durability - where are we?	DS Chadha
09.40 AM - 09.50 AM	Tips & tricks in challenging situations	Ravinder Singh Rao
09.50 AM - 10.00 AM	Challenging cases of TAVR	Shafeeq Mattummal

<b>10.00 AM - 10.15 AM</b>	<b>Invited Lecture</b>	
10.00 AM - 10.12 AM	An overview of TAVR	Thomas Alexander
10.12 AM - 10.15 AM	Discussion	

<b>10.15 AM - 10.35 AM</b>	<b>Key Note Address</b>	
Chairpersons	Sunitha Viswanathan, Ezhilan J, Sarat Chandra, Mathew Samuel	
10.15 AM - 10.33 AM	Laser Angioplasty	Manjunath CN
10.30 AM - 10.35 AM	Discussion	

<b>10.35 AM - 11.05 AM</b>	<b>Mitral Interventions Session</b>	
Chairpersons	Allan Klien, MN Krishnan, Rajiv C	
10.35 AM - 10.50 AM	Quantification and role of ECHO in mitral interventions	Allan Klein
10.50 AM - 11.05 AM	2D and 3D Echo in cath lab - during complications mitral Interventions	Navin C Nanda

<b>11.05 AM - 11.30 AM</b>	<b>Guest Lecture</b>	
Chairpersons	Sanjay Mittal, Viveka Kumar, Shafeeq Mattummal, Rajaram Anantha Raman	
11.05 AM - 11.25 AM	Mitral Clip: Indications, Procedural techniques, Outcomes and future	Charanjit Rihal
11.25 AM - 11.30 AM	Discussion	

#### Plenary Session Main Hall 11.30 AM - 01.00 PM

<b>01.00 PM - 01.30 PM</b>	<b>Meet My Mentor: Mathew Samuel</b>	
Chairpersons	Krishnan MN, Raghu TR	
01.00 PM - 01.05 PM	Introducing the Mentor	K U Natarajan
01.05 PM - 01.10 PM	How I benefited from mentorship?	Sai Satish
01.10 PM - 01.15 PM	How I benefited from mentorship?	S Manoj
01.15 PM - 01.25 PM	Comments from the Mentor	Mathew Samuel
01.25 PM - 01.30 PM	Q and A Audience	

<b>01.30 PM - 02.00 PM</b>	<b>Invited Lecture</b>	
Chairpersons	Bahuleyan CG, Manjunath CN, Khanna NN	
01.30 PM - 02.00 PM	30 years of Interventional Cardiology in India	Mathew Samuel

#### Interventional Cardiology and Advanced Imaging Part 4 (02.00 PM - 07.00 PM)

6+4

<b>02.00 PM - 03.00 PM</b>	<b>Case I lost</b>	
Chairpersons	Balakrishna Pai, Natarajan S, Sarat Chandra, Praveen GK, Somanathan, Rangaraj R	
02.00 PM - 02.10 PM	Case 1	Sundeep Mishra
02.10 PM - 02.20 PM	Case 2	Sivakumar
02.20 PM - 02.30 PM	Case 3	Sampath Kumar
02.30 PM - 02.40 PM	Case 4	Deepak Davidson
02.40 PM - 02.50 PM	Case 5	Raman Chawla

<b>03.00 PM - 04.30 PM</b>	<b>Imaging and Physiology Symposium</b>	
Chairpersons	Asokan PK, Jaffer Farouc, Vijit Samuel, Shajudeen K, Deepak Davidson, Blessan Varghese	
03.00 PM - 03.15 PM	Beyond angiography: consensus and criterion in OCT imaging	Rony Mathew
03.15 PM - 03.30 PM	IVUS in left main assessment	Ajitkumar VK
03.30 PM - 03.45 PM	Functional assessment of coronary stenosis: resting or hyperemic indices	Ezhilan J
03.45 PM - 03.56 PM	Case 1 : ACS – OCT	Sreenivas Kumar A
03.56 PM - 04.06 PM	Case 2 : serial stenosis assessment	Sunitha Viswanathan
04.06 PM - 04.17 PM	Case 3 : bifurcation PCI - OCT	Ali Faizal
04.17 PM - 04.30 PM	Case 4 : OCT surprises	Viveka Kumar



<b>04.30 PM - 06.00 PM My Challenging Case</b>		
Chairpersons	Praveen SV, Mangalanandan P, Rajpal A, Ramakrishnan CD, Placid Sebastian, BC Srinivas	
04.30 PM - 04.38 PM	Case 1	Binoy John
04.38 PM - 04.46 PM	Case 2	Praveen G K
04.46 PM - 04.54 PM	Case 3	Gopi A
04.54 PM - 05.02 PM	Case 4	Placid Sebastian
05.02 PM - 05.10 PM	Case 5	Srinivas K H
05.10 PM - 05.18 PM	Case 6	Manu R
05.18 PM - 05.26 PM	Case 7	Girish PV
05.26 PM - 05.34 PM	Case 8	Jacob George
05.34 PM - 05.42 PM	Case 9	Vinod Thomas
05.42 PM - 05.50 PM	Case 10	Jossy Chacko
05.50 PM - 05.58 PM	Case 11	Vijo George

<b>06.00 PM - 07.00 PM Peripheral Interventions</b>		
Chairpersons	Krishnan MN, Baiju R, Harikrishna D, DeepakDavidson, Krishnamoorthy KM, Cherian Koshy, Somasekhar KS	
06.00 PM - 06.12 PM	Fusion Imaging for aortic interventions	Ashish Kumar M
06.12 PM - 06.24 PM	Aotic dissection management	Nias K Nazir
06.24 PM - 06.36 PM	Case 3 Hepatic venous occlusion	Srinivas BC
06.36 PM - 06.48 PM	Vericose vein interventions	Ravul Jindal
06.48 PM - 07.00 PM	Acute limb Ischemia	Sujay Renga

<b>07.00 PM - 08.00 PM Satellite Symposium</b>		
	Pearls of wisdom from the Master: Jaffer Farouc	
	IVUS and OCT guided stent optimization for improving PCI	Jaffer Farouc
	IECR in ICC	Vivek Gupta

<b>08.30 PM</b>	<b>Inaugural Function</b>
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22-09-2019

<b>08.20 AM - 09.00 AM</b>	<b>Oral Presentations (Best presentation will get prize of Rs 10000)</b>
Judges	Raghu TR, VV Radhakrishnan, Asokan PK, Praveen GK, Cibi Isaac, Navin Mathew

Interventional Cardiology 09.00 AM - 01.30 PM

4+4

<b>09.00 AM - 10.00 AM</b>	<b>Complications in My Practice</b>	
Chairpersons	Sajy Kuruttukulam, Manu Varma, Mathew Iype, Sajan Narayanan, Hiregoudar NS, Jayakeerthi Y	
09.00 AM - 09.08 AM	Case 1	Arun Kumar
09.08 AM - 09.16 AM	Case 2	Manu Varma
09.16 AM - 09.24 AM	Case 3	Arun Kumar Ullegedi
09.24 AM - 09.32 AM	Case 4	Manohar P
09.32 AM - 09.40 AM	Case 5	Ramesh Natarajan
09.40 AM - 09.48 AM	Case 6	Manu Varma
09.48 AM - 09.56 AM	Case 7	Praveen GK

8+4

<b>10.00 AM - 11.00 AM</b>	<b>STEMI Interventions</b>	
Chairpersons	Bino Benjamin, Rajesh G, Jossy Chacko, George Koshy, Prabhu C Halkati, Kesava R	
10.00 AM - 10.12 AM	Talk 1 - AMI with SHOCK	Mushna
10.12 AM - 10.24 AM	Talk 2 - AMI with Calcific coronaries	Deepak Davidson
10.24 AM - 10.36 AM	Talk 3 - AMI with heavy thrombus burden	Stigi Joseph
10.36 AM - 10.48 AM	Talk 4 - AMI due to stent thrombosis	Sajan Narayanan
10.48 AM - 11.00 AM	Talk 5 - AMI with anomalous coronaries	Balakrishnan KP

<b>11.00 AM - 11.30 AM</b>	<b>STROKE Interventions</b>	
Chairpersons	Gopi A, Jiji Kuruttukulam, Jabir A, Ramdas Nayak	
11.00 AM - 11.25 AM	Evolution of mechanical thrombectomy in acute stroke	Mathew Cherian
11.25 AM - 11.30 AM	Discussion	

8+2

11.30 AM - 12.00 PM <b>Invited Lectures</b>		
Chairpersons	Balu Vaidyanathan, Praveen S, Karunadas CP, Saritha Sekhar, Nadagouda VG, Kesavamoorthy V	
11.30 AM - 11.40 PM	PFO closure	Ranjan Shetty
11.40 AM - 11.50 PM	Distal radial access for PCI	Rajesh T
11.50 AM - 12.00 PM	Lithoplasty	Vijay Bang

6+4

12.00 PM - 01.30 PM <b>Nightmares in the Cath Lab</b>		
Chairpersons	Deepak Davidson, Johny Joseph, Renju Kumar, Arun Gopi, Vishnu Kumar, Nagamalesh UM	
12.00 PM - 12.10 PM	Case 1	Sandeep Mohanan
12.10 PM - 12.20 PM	Case 2	Rajalekshmi S
12.20 PM - 12.30 PM	Case 3	Ramakrishna CD
12.30 PM - 12.40 PM	Case 4	Rajeev E
12.40 PM - 12.50 PM	Case 5	Arshad M
12.50 PM - 01.00 PM	Case 6	Cherian Koshy
01.00 PM - 01.10 PM	Case 7	Ramdas Nayak
01.10 PM - 01.20 PM	Case 8	Paul Thomas
01.20 PM - 01.30 PM	Case 9	Anil Kumar R



20-09-2019

**Emergency Medicine Session 09.00 AM - 11.00 AM**

10+5

09.00 AM - 10.00 AM <b>Timely action matters in acute cardiovascular disease</b>		
Chairpersons	Aruna C Ramesh, Melo De Barros E, Silva, Prabhakar H, Geeta Philip, Ramakrishnan S, Antony TP	
09.00 AM - 09.15 AM	ACS : STEMI & NSTEMI	Kem La Brash
09.15 AM - 09.30 AM	Sudden Cardiac Arrest	Terry Vandam Hock
09.30 AM - 09.45 AM	Acute onset dyspnoea	Vivek Chauhan
09.45 AM - 10.00 AM	Hypotension in the emergency room	Sanjay Boye

10+5

<b>10.00 AM - 11.00 AM</b>	<b>Empowering the community for acute cardiac care</b>	
Chairpersons	Terry Vandam Hock, Patra Soumya, Subroto Mandal, RK Kotokey, Srinivas Kammath, Paul Puthuran	
10.00 AM - 10.15 AM	Heart rescue India (HRI): The Bangalore plan	Aruna C Ramesh
10.15 AM - 10.30 AM	Quality measures in HRI	Anupama V Hegde
10.30 AM - 10.45 AM	Telemedicine as the central co-ordinator	Melo De Barros E Silva
10.45 AM - 11.00 AM	Role of hospitals in CVD prevention	Venugopalan P P

8+2

<b>11.00 AM - 11.30 PM</b>	<b>Issues in Coronary Imaging</b>	
Chairpersons	VK Ajitkumar, K Kunhali, Y Chandrasekhar, Sajy Kuruttukulam, Anoop Gopinath, SM Roplekar	
11.00 AM - 11.10 PM	Assessment of myocardial viability	Mahapatra G
11.10 AM - 11.20 PM	CMR IN CAD	Nitin Kabra
11.20 AM - 11.30 PM	CAG in Cardiac arrest	George Koshy A

#### Plenary Session in Hall A 11.30 AM - 01.00 PM

<b>01.00 PM - 01.30 PM</b>	<b>Lunch Break</b>
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8+2

<b>01.30 PM - 02.30 PM</b>	<b>Issues in Diet: Is there an end to controversies?</b>	
Chairpersons	RL Joshy, Yogesh Kautish, RC Saha, AK Bajoria, Mukundan C, Sahasranam KV	
01.30 PM - 01.40 PM	Is periodic fasting helpful to improve metabolic profile?	Narendra J
01.40 PM - 01.50 PM	Is too much salt restriction harmful?	Prabhakar H
01.50 PM - 02.00 PM	Which is the Ideal cooking oil for Indians?	Geevar Zachariah
02.00 PM - 02.10 PM	Is alcohol in moderation beneficial or harmful?	Kiran Varghese
02.10 PM - 02.20 PM	Low carbohydrate high fat diet (LCHF). What should we advise	Trinath Mishra
02.20 PM - 02.30 PM	Finally how much dietary cholesterol can we permit?	Vaidyanath PR

<b>02.30 PM - 03.30 PM</b>	<b>Rapid Fire</b>	
Chairpersons	Bingi Ramamurthy, Patil CB, Jayakumar B, Sunil Pisharody, Mathew Iype, Rakesh Joble	
02.30 PM - 02.35 PM	When to suspect and how to diagnose cardiac sarcoidosis?	Ajit Thachil
02.35 PM - 02.40 PM	High dose EPA to REDUCE CV events?	Somasekhara G

02.40 PM - 02.45 PM	A risk stratification algorithm for primary prevention in Indians	Rajalekshmi S
02.45 PM - 02.50 PM	Is being Indian a cardiovascular risk factor?	Natesh BH
02.50 PM - 02.55 PM	Is hypoglycaemia a new cardiovascular risk factor?	Manjunath BV
02.55 PM - 03.00 PM	High intensity Interval training-do we have enough evidence to recommend it routinely?	Johny Joseph
03.00 PM - 03.05 PM	What is diastolic stress testing?	Sajan Ahmed
03.05 PM - 03.10 PM	Is AF burden important in considering oral anticoagulants?	Arun Gopi
03.10 PM - 03.15 PM	How to prevent atrial fibrillation?	Deepak Padmanabhan
03.15 PM - 03.20 PM	When to stop secondary prophylaxis with penicillin in rheumatic heart disease?	Abhilash TG

<b>03.30 PM - 04.00 PM</b>	<b>Chronic Stable Angina</b>	
Chairpersons	Padmaja NP, Balakrishnan KP, CS Karthik, Tennyson S, Suman Bandari, Yousaf A	
03.30 PM - 03.38 PM	What is the ideal heart rate in stable angina?	Sambasivam KA
03.38 PM - 03.46 PM	What should be the fourth drug after betablockers, CCB and nitrates in the pharmacologic treatment of stable angina	Manoj S
03.46 PM - 02.54 PM	Management options for refractory angina, not suitable for revascularization	Girish PV
03.54 PM - 04.00 PM	Discussion	

<b>04.30 PM - 05.15 PM</b>	<b>How do I manage session: Uncontrolled hypertension</b>	
Chairpersons	Uday Jadhav, SS Iyengar, Sajeev CG	
	How do I manage session: Uncontrolled hypertension	Ashokan Nambiar
04.30 PM - 04.50 PM	Case 1	
04.50 PM - 05.10 PM	Case 2	
05.10 PM - 05.15 PM	Take home messages	

<b>05.15 PM - 06.00 PM</b>	<b>How do I manage session: Heart Failure</b>	
Chairpersons	Ambuj Roy, Sivaprasad K, Justin Paul	
05.15 PM - 05.35 PM	Case 1	Karunadas CP
05.15 PM - 05.35 PM	Case 2	Ravikumar R
05.35 PM - 06.00 PM	Take home messages	



21-09-2019

<b>08.20 AM - 09.00 AM</b>	<b>Oral Presentations (Best presentation will get prize of Rs 10000)</b>	
Judges	Raju George, Arun Srinivas, Praveen S, Geetha Subramanian, Prem Agarwal, Philipose John	

<b>09.00 AM - 10.00 AM</b>	<b>Interesting ECHO Clippings Contest (Best ECHO clipping carries first prize Rs 25000, second prize Rs 10000 and third prize Rs 5000)</b>	
Judges	Satish Govind, Navin C Nanda, Ashokan Nambiar	

<b>10.00 AM - 10.15 AM</b>	<b>Invited Lecture on ECHO</b>	
Chairpersons	PP Mohanan, Jaideep Menon, IB Vijayalakshmi, KM Nair	
10.00 AM - 10.12 AM	Echocardiographic findings in acute pulmonary embolism: The obvious, Subtle and the ambiguous	Vijayaraghavan G
10.12 AM - 10.15 AM	Discussion	

<b>10.15 AM - 10.30 AM</b>	<b>Invited Lecture on ECHO</b>	
Chairpersons	Navin C Nanda, NM Prasad, Edwin Francis	
10.15 AM - 10.27 AM	Echo assessment in multivalvular heart disease - tips and tricks	Ponde CK
10.27 AM - 10.30 AM	Discussion	

<b>10.30 AM - 11.30 PM</b>	<b>ECHO Quiz</b>	
Judges	Allan Klein, CK Ponde, Sudayakumar N, Markose KP	
	Quiz Masters	Satish Govind/ Sunil Bohra

**Plenary Session Main Hall 11.30 AM - 01.00 PM**

<b>01.00 PM - 01.30 PM</b>	<b>Luncheon Session</b>	
Chairpersons	Venugopal K, Vijayakumar PT, Lt Col. Girish, Ullas CS	
01.00 PM - 01.15 PM	PAH in HFpEF	Sandeep Bansal
01.15 PM - 01.30 PM	Low flow low gradient aortic stenosis - Is it important to recognise ?	Ravindranath KS

**PG TEACHING PROGRAMME**

Comprehensive Post-graduate Teaching Course (A 12 hour capsule that covers it all; conducted by the best teachers from the country and beyond in a unique and highly interactive format)

<b>01.30 PM - 02.45 PM</b>		<b>The Relevance of Clinical Evaluation in 2019</b>	
Expert Panel	Zulfikar Ahamad, Krishnan MN, Venugopal K		
01.30 PM - 01.50 PM	How to work up and present a case well?	Kothari SS, Raghavan Subramanyam	
01.50 PM - 02.00 PM	Discussion	Moderator: Krishnakumar R	
	Physical Examination		
Expert Panel	Tharakan JM, Kothari SS, Sudhayakumar		
02.00 PM - 02.20 PM	Physical signs and the haemodynamic basis that matter	Krishnan MN	
02.20 PM - 02.35 PM	JVP - the basics	Sridhar L	
02.35 PM - 02.45 PM	Discussion		

<b>02.45 PM - 05.00 PM</b>		<b>Hemodynamics of Structural Heart Disease</b>	
Coordinator	Nageswar Rao K, Krishnakumar R, Harikrishnan S		
Expert Panel	Manjunath CN, Tharakan JM, Raghavan Subramaniam, Ramakrishnan S, Charanjith Rihal, Sivakumar K		
	Ensuring accuracy with pressures and flow estimations		
02.45 PM - 03.00 PM	Flow calculations	Tharakan JM	
03.00 PM - 03.15 PM	Pressures and Resistances	Nageshwar Rao	
03.15 PM - 03.45PM	Hemodynamic rounds: 3 detailed cases that illustrate key concepts. Student volunteers	Ramakrishnan S	
03.45PM - 04.45PM	Rapid Fire: 10-15 hemodynamic vignettes	Ramakrishnan S	

<b>05.00 PM - 06.30 PM</b>		<b>Angiography: The essentials</b>	
Coordinator	Sivakumar K (Structural Heart Disease), Rajesh G (Coronary Angiogram)		
Expert Panel	Charanjit Rihal, Sanjiv Sharma, Bahuleyan CG, Harikrishnan S, Kothari SS, PK Dash		
	<b>Congenital and Structural Heart Disease</b>		
05.00 PM - 05.15 PM	Which view, how much and what flow rates?	Sanjeev Sharma	
05.15 PM - 05.45 PM	Interactive session on angiogram for congenital and structural heart disease	Sivakumar K	
	<b>Coronary Angiography</b>		
05.45 PM - 06.00 PM	How to do it every time	Sanjeev Sharma	
06.00 PM - 06.30 PM	Interactive session on coronary angiogram	Rajesh G	

<b>06.30 PM - 08.00 PM</b>		<b>CT and MRI</b>	
Coordinators	Mahesh, Rajesh Kannan		
06.30 PM - 07.15 PM	Illustrative cases: 5 detailed cases		
07.15 PM - 08.00 PM	Rapid fire: 15-20 vignettes		





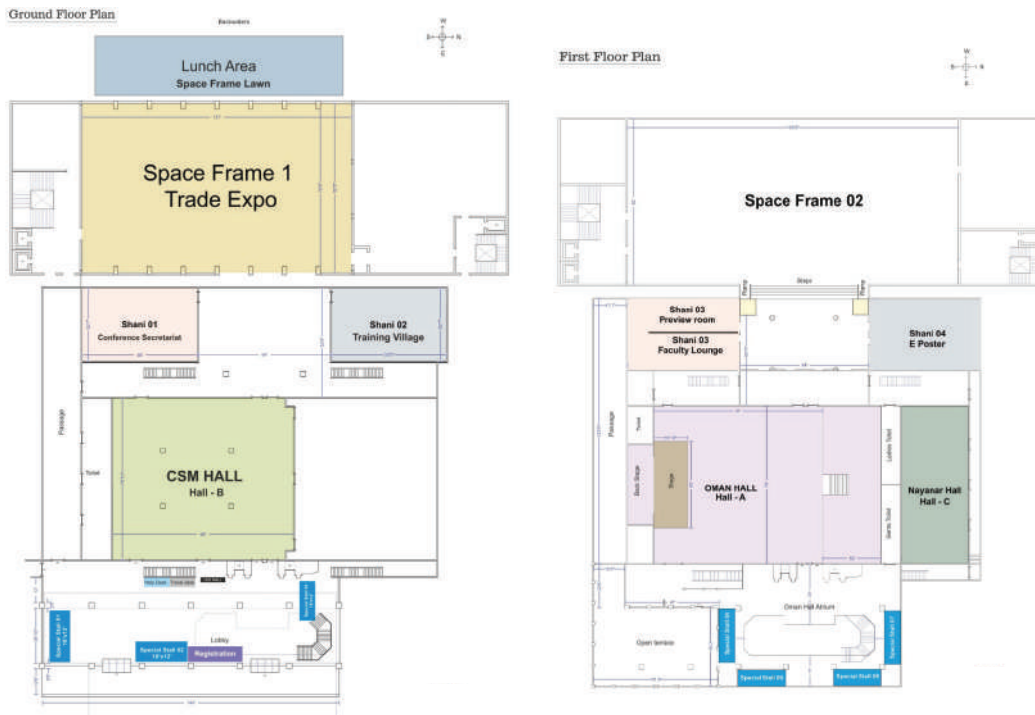
22-09-2019

<b>08.20 AM - 09.00 AM</b>	<b>Oral Presentations (Best presentation will get prize of Rs. 10000) Comprehensive Post-graduate Teaching Course (Continuing)</b>	
<b>09.00 AM - 10.30 AM</b>	<b>Interactive Arrhythmia Session</b>	
Lead presenter and session coordinator	Mukund Prabhu, Mani Ram Krishna	
Expert Panel	Natarajan KU, Manish Rai, Narasimhan C, Ajit Kumar VK	
<b>10.30 AM - 11.30 AM</b>	<b>ECHO Rapid Fire</b>	
Coordinators	Alagesan R, Rajiv C	
Expert Panel	Vijayaraghavan G, Ashokan Nambiar, Satish Govind, Navin C Nanda, Krishnamoorthy KM	
<b>11.30 AM - 12.30 AM</b>	<b>Coronary Interventions: What every postgraduate should know?</b>	
Coordinator	George Koshy A, Manjunath CN, Sunitha Viswanathan, Nitin Kabra	
Expert Panel	Raghu TR, Mathew Samuel, Rajesh G, Sivaprasad K, Ajitkumar VK, Nitin Kabra	
<b>12.30 PM - 01.15 PM</b>	<b>Putting it all together</b>	
Coordinators	Arun Gopalakrishnan, Venugopal K	
Expert Panel	Krishnakumar R, Thomas Alexander, Rabin Chakraborty, Dayasagar Rao	
<b>01.15 PM - 02.00 PM</b>	<b>Case based discussions</b>	
Expert Panel	Sajeev CG, Krishnakumar R, Raghu TR	
01.15 PM - 01.30 PM	Adult CHD	Sunitha Viswanathan
01.30 PM - 01.45 PM	Valvular Heart Disease	Venugopal K
01.45 PM - 02.00 PM	Coronary artery disease	George Koshy A
<b>02.00 PM</b>	<b>Session Ends</b>	



E Poster presentations and Case presentations

VENUE LAYOUT



Venue

## DIAMOND



## GOLD



## SILVER



## BRONZE



## WELL WISHERS



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