

Date/Time	TOPIC	ROLE	NAME
<b>Session VI</b>	<b>Physiology, Imaging and Rotablation</b>	<b>Chair</b>	<b>Dr. Sanjay G, Dr. Mukundan C, Dr. Ajitkumar V K</b>
01.30 - 01.50 pm	IVUS AND OCT Imaging	Speaker	Dr. Ajitkumar V K
01.50 - 02.10 pm	Rotablation & orbital atherectomy	Speaker	Dr. Rajpal K Abhaichand
02.10 - 02.30 pm	FFR, iFR, RFR, dPR	Speaker	Dr. Rajesh Muralidharan
<b>02.30 - 03.00 pm</b>	<b>Tea Break</b>		
<b>Session VII</b>	<b>Managing the complications</b>	<b>Chair</b>	<b>Dr. Harikrishnan S / Dr. Bijulal S</b>
03.00 - 03.15 pm	Stent dislodgement	Speaker	Dr. Mukundan C
03.15 - 03.30 pm	Osteal Dissection	Speaker	Dr. Raghuram A K
03.30 - 03.45 pm	Perforation	Speaker	Dr. Abhilash S P
03.45 - 04.00 pm	Access site complications	Speaker	Dr. Harikrishnan G
<b>04.00 pm</b>	<b>Feedback and Valedictory Function</b>		

## Faculty

- **Dr. Ajitkumar V K**, SCTIMST, Trivandrum
- **Dr. Amit Kumar Chaurasia**, BLK Hospital, Delhi
- **Dr. Ajeet Arulkumar**, Frontier Lifeline Hospital, Chennai
- **Dr. Byju C K**, Hearts Malabar Hospital
- **Dr. Edwin Francis**, Lisie Hospital, Cochin
- **Dr. Harikrishnan G**, RCPM Hospital, Ochira Kollam
- **Dr. Justin Paul**, MMC Chennai
- **Dr. B R J Kannan**, Vadamalayan Hospital, Madurai
- **Dr. Kiron S**, SMIMS, Kulasekharam
- **Dr. Krishnakumar K**, PRS Hospital, Trivandrum
- **Dr. Mukundan C**, Govt. Medical College Hospital, Thrissur
- **Dr. Natarajan K U**, AIMS, Cochin
- **Dr. Rakesh Gopal**, Apollo Hospital, Chennai
- **Dr. Raghuram A. K**, Starcare Hospital, Calicut
- **Dr. Rajeev E**, MES Medical College, Perinthalmanna
- **Dr. Rajesh Muralidharan**, BMH, Calicut
- **Dr. Jaganmohan Tharakan**, Paalana Institute of Medical Sciences, Palakkad
- **Dr. Rajpal K Abhaichand**, GKNM, Coimbatore
- **Dr. Ramakrishna Pillai V**, KIMS Hospital, Trivandrum
- **Dr. Saurabh Kumar Gupta**, AIIMS New Delhi
- **Dr. Srinivasa Prasad**, Chinmaya Narayana Superspeciality Centre, Bangalore
- **Dr. Shomu Bohora**, Baroda Heart Institute, Gujarat
- **Dr. Stigi Joseph**, Little Flower Hospital, Angamali
- **Dr. Sunitha Viswanathan**, MCH, Trivandrum
- **Dr. Suresh K**, S K Hospital, Trivandrum
- **Dr. Thomas Titus**, G G Hospital, Trivandrum
- **Dr. Tiny Nair**, PRS Hospital, Trivandrum
- **Dr. Vinod Thomas**, Renai Medicity, Cochin
- **Dr. Venugopal K**, Pushpagiri Hospital, Thiruvalla
- **Dr. Zulfikar Ahmed**, Pushpagiri Hospital, Thiruvalla

## Team SCTIMST

- Dr. Sivasankaran S
- Dr. Narayanan Namboodiri K K
- Dr. Abhilash S P
- Dr. Arun Gopalakrishnan
- Dr. Krishnamoorthy K M
- Dr. Bijulal S
- Dr. Krishna Kumar M
- Mr. Suji K
- Dr. Harikrishnan S
- Dr. Sanjay G
- Dr. Deepa S Kumar

## Academic Partners

<b>Medtronic</b>	<b>Kaaizeen Medical Pvt. Ltd</b>	<b>Boston Scientific</b>	<b>Abbott Vascular</b>
Biotronik Medical Devices India Pvt Ltd	Veiva Scientific India Pvt. Ltd	Heartwares Medicals India Pvt. Ltd	Sun Pharma
Meril Life Sciences India Pvt. Ltd	St. Jude Medicals	Sahajanand Medical Technologies Pvt. Ltd	
Vasmed Technologies	Vascular Concepts		
Cardio Care			

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Sree Chitra Cardiology Alumni Association



# BACK TO BASICS 2019

Short Course on Basics of  
Cardiac Interventions  
19<sup>th</sup> & 20<sup>th</sup> January 2019

CME  
Credits-5 hrs

Organised by

**DEPARTMENT OF CARDIOLOGY**

Sree Chitra Tirunal Institute for  
Medical Sciences and Technology

Venue  
AMCHSS Auditorium

### Contact

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Medical Sciences and Technology  
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# Simulator Session 2019 - Schedule

## Pre Conference Simulator Session 18 January 2019

Date/Time	TOPIC	ROLE	NAME
06.00 pm - 09.00 pm	Simulator Session	Hardware Kiosk IABP- Lecdem PCI - Radial, Femoral BMV FFR Pacemaker simulator Cardiac Morphology	Dr. Deepa S Kumar, Dr. Arun Gopalakrishnan Dr. Ajeet Arulkumar Dr. Bijulal S, Dr. Abhilash S P Case in the Box - Dr. Sanjay G Dr. Rajesh Muralidharan Dr. Krishna Kumar M Dr. Saurabh Kumar Gupta

## Day 1 - 19 January 2019

Date/Time	TOPIC	ROLE	NAME
08.00 am-12.30 pm	Simulator Session Starts (Asper schedule given to the participants)		
		Hardware Kiosk IABP- Lecdem PCI - Radial, Femoral BMV FFR Pacemaker simulator Cardiac Morphology	Dr. Deepa S Kumar, Dr. Arun Gopalakrishnan Dr. Ajeet Arulkumar Dr. Bijulal S, Dr. Abhilash S P Case in the Box - Dr. Sanjay G Dr. Rajesh Muralidharan Dr. Krishna Kumar M Dr. Saurabh Kumar Gupta
12.30 - 01.30 pm	<b>Lunch</b>		
Session 1	<b>Introductory Session</b>	<b>Chair</b>	Dr. Thomas Titus, Dr. Jaganmohan Tharakan, Dr. Zulfikar Ahamed, Dr. Venugopal K
01.30 - 01.35 pm	Prelude to the Course		Dr. Harikrishnan S
01.35 - 01.50 pm	Radiation Safety - What you should know	Speaker	Dr. Justin Paul
01.50 - 02.10 pm	Hemodynamics	Speaker	Dr. Jaganmohan Tharakan
02.10 - 02.30 pm	Oximetry in Congenital Heart Disease	Speaker	Dr. B R J Kannan
02.30 - 02.50 pm	Pharmacotherapy in Congenital Heart Disease	Speaker	Dr. Zulfikar Ahmed
Session II	<b>PCI The Basics</b>	<b>Chair</b>	Dr. Ramakrishna Pillai, Dr. Justin paul, Dr. Rakesh Gopal
02.50 - 03.05 pm	Adjunctive Pharmacotherapy in PCI	Speaker	Dr. Suresh K
03.05 - 03.20 pm	How to set up a cardiac cathlab	Speaker	Dr. Vinod Thomas
03.20 - 03.40 pm	Guide wires	Speaker	Dr. Srinivasa Prasad
03.40 - 04.00 pm	Balloons	Speaker	Dr. Stigi Joseph
04.00 pm	<b>Inauguration</b>		
04.30 - 04.50 pm	Stents	Speaker	Dr. Krishna Kumar K
04.50 - 05.10 pm	Newer Devices Tornus / Stingray / Angiojet /LASER	Speaker	Dr. Rakesh Gopal
05.10 - 05.30 pm	Pacemaker / Device parameters - Demystified	Speaker	Dr. Shomu Bohora
05.30 - 05.50 pm	TAVI BASICS	Speaker	Dr. Amit Kumar Chaurasia
06.45 PM	<b>SCT Cardio Alumni- General Body Meeting 2019 (Hotel Mascot Trivandrum)</b>		
06.45 PM	<b>High Tea</b>		
Session III	<b>Dinner Session at Hotel Mascot Trivandrum</b>	<b>Chair</b>	Dr. Jaganmohan Tharakan, Dr. Thomas Titus
07.00 - 07.30 pm	ECG Session (pacemaker, intervention, Miscellaneous)	Speaker	Dr. Narayanan Namboodiri K K
07.30 - 08.00 pm	Statistricks for the Cardiology Resident	Speaker	Dr. Tiny Nair
08.00 - 08.30 pm	Angiography	Speaker	Dr. Harikrishnan S
08.30 - 09.00 pm	MRI, CT for PGs	Speaker	Dr. Venugopal K

## Day 2 - 20 January 2019

Date/Time	TOPIC	ROLE	NAME
08 00 am	<b>QUIZ</b>		
Session IV	<b>Coronary Intervention Techniques</b>	<b>Chair</b>	Dr. Natarajan K.U., Rajpal K Abhaichand
09.00 - 09.20 am	PCI by Radial Route -All the Basics you should know	Speaker	Dr. Rajpal K Abhaichand
09.20 - 09.40 am	Primary PCI	Speaker	Dr. Rajeev E
09.40 - 10.00 am	Graft PCI	Speaker	Dr. Ramakrishna Pillai V
10.00 - 10.20 am	CTO Techniques	Speaker	Dr. Byju C. K
10.20 - 10.40 am	Bifurcation PCI	Speaker	Dr. Sunitha Viswanathan
10.40 - 11.10 am	<b>Tea Break</b>		
Session V	<b>How to do it</b>	<b>Chair</b>	Dr. Sivasankaran S, Dr. Deepa S Kumar, Dr. Arun Gopalakrishnan
11.10 -11.30 am	How to do a basic EP study	Speaker	Dr. Natarajan K.U.
11.30 - 11.50 am	Interventions in right heart	Speaker	Dr. Kiron S
11.50 - 12.10 pm	ASD Device closure -Tips and Tricks	Speaker	Dr. Krishnamoorthy K M
12.10 - 12.30 pm	VSD PDA coarct	Speaker	Dr. Edwin Francis
12.30 - 01.30 pm	<b>Lunch Break</b>		

Dear Colleague,

After the positive feedback about the program in the last 7 years, the Department of Cardiology, SCTIMST is continuing the training course, "Back to Basics" in 2019 also. This year too, we have decided to include topics like basic cardiac catheterisation, single and dual chamber pacemaker implantation, basics in pediatric cardiac intervention and basics of coronary imaging and physiology. There is also a training session for DM/ DNB examinations.

We invite you to the program and hope that we all will benefit by interacting and revising the basics.

**Dr. Asha Kishore** Director, SCTIMST Patron  
**Dr. Ajitkumar V.K** Prof. & HOD of Cardiology  
**Dr. Sivasankaran S** Prof. of Cardiology  
**Dr. Harikrishnan S** Prof. of Cardiology Organizing Secretary

## Highlights of the Course

- In-depth insight into interventional hardware
- Simulator sessions - Hands-on sessions with one to one guidance by faculty
  - Femoral and radial coronary simulator session
  - Pacemaker simulator session
  - Wet model rotablation simulator session
  - FFR simulator session
  - LA appendage closure simulator
- Cardiac Morphology - Image based training sessions
- How to do a basic cath (hemodynamic) study (Shunts, pressure recording tips)
- How to implant a permanent pacemaker - tips and tricks
- Session on ASD device closure
- IABP - Hands on trouble shooting
- FFR - and newer indices (iFR, RFR, dPR)
- IVUS - Image interpretation sessions
- IABP - Lecture - demonstration
- Case In the Box Session (BMV)
- CME Credits-5 hrs

This years highlight-  
Cardiac morphology demystified

DM/DNB exam training session on

- Hemodynamics
- Angiography including pediatric angios
- Electrophysiology tracings

All about Hardware-  
Hardware kiosk

QUIZ  
Theme :  
IMAGES IN CARDIOLOGY

Course book &  
CD Available