



# BACK TO BASICS 2020

Short Course on Basics of Cardiac Interventions  
1<sup>st</sup> & 2<sup>nd</sup> February 2020

Organised by  
**DEPARTMENT OF CARDIOLOGY**  
Sree Chitra Tirunal Institute for  
Medical Sciences and Technology  
Venue  
AMCHSS Auditorium

## Contact

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Dear Colleague,

After the positive feedback about the programmes over the last 8 years, Department of Cardiology SCTIMST, is planning to continue the training course “Back to Basics” in 2020 as well. This year also we have decided to include topics like basic cardiac catheterisation, single and dual chamber pacemaker implantation, basics in pediatric cardiac intervention and basics of FFR. This year we are including the 3D demonstration of cardio morphology by CT. DM/DNB exam training session is also on.

We invite you to the program and we hope that all will benefit by participating and being able to brush up the basics.

**Dr. Asha Kishore**  
Director, SCTIMST  
Patron

**Dr. Ajitkumar V.K**  
Prof. of Cardiology  
Scientific Chairman

**Dr. Sivasankaran S**  
Prof. & HOD of Cardiology

**Dr. Harikrishnan S**  
Prof. of Cardiology  
Organizing Secretary

## Aim of the Course

This course is designed to aid all those who are practising interventional cardiology to brush-up the basics. All the major areas of Cardiac interventions such as basic of coronary interventions, Paediatric interventions and Pacemaker implantation would be covered by the course

This will also be helpful for the continued development of young cardiologists who have started or have recently completed a programme of training in interventional cardiology to have an in-depth understanding of the basics in the core areas.



## Who Should Attend?

- Any cardiologist who wants to brush-up the basics in interventional cardiology.
- Fellows in training in Interventional Cardiology.
- Young cardiologists who have recently completed their training and want strengthen their basics in interventional cardiology

## Previous Courses

This course is being conducted from 2011 onwards and well attended. Based on the feedback from participants, this year also we have decided to include topics like basic cardiac catheterization, fluoroscopic anatomy, FFR, basics of IVUS and OCT, single and dual chamber pacemaker implantation, basics in pediatric catheterization and percutaneous ASD closure. We hope that this will benefit the participants much more as it covers all the major areas in modern-day interventional practice.



Participation  
**Limited to 150**  
(First-come-first-serve basis)

## What can be expected

All presentations are given by recognized experts drawn from the interventional faculty. They will cover all the aspects of the subject discussed in depth, centred on the basics. During this interactive course, you will learn about basics of the hardware, the right selection of hardware and tips and tricks for various catheter interventional procedures.

## The Highlights of the Course

**Course Book  
&  
CD Available**

- ✈ 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
- ✈ 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 – Challenging cases and difficult scenarios
- ✈ IVUS – Image interpretation sessions
- ✈ IABP – Lecture-demonstration
- ✈ Fluoroscopic anatomy
- ✈ Case In the Box Session



Presentations are all practically oriented and will be followed by interaction. The breaks allow interaction between the faculty and participants. Virtual-reality (VR) femoral and radial simulator simulation sessions will serve as a platform to provide transfer of knowledge and mandatory skills for coronary intervention. The rotablation wet model will also help to get a virtual-reality experience. Pacemaker simulator session is indented to practice implantation of single and dual chamber pacemaker systems safely and effectively.

## QUIZ

Theme  
**IMAGES IN CARDIOLOGY**

**All about Hardware  
Hardware kiosk**

**3D Cardiac Morphology  
Have your Glasses ready**

This year's highlight  
**DM/DNB Exam training session on**

Hemodynamics  
Angiography including  
pediatric angios  
Electrophysiology tracings



# REGISTRATION FORM

## Back to Basics

Short Course on basics of cardiac Interventions

Saturday 1<sup>st</sup> - Sunday 2<sup>nd</sup> February 2020

Sree Chitra Tirunal Institute for Medical Sciences and Technology  
Trivandrum, India



Title(Dr/Mr/Ms etc) : \_\_\_\_\_

Name : \_\_\_\_\_

Department : \_\_\_\_\_

Position Held : \_\_\_\_\_

Hospital : \_\_\_\_\_

Postal Address : \_\_\_\_\_

Postcode : \_\_\_\_\_

Telephone(including STD) : \_\_\_\_\_

E-mail : \_\_\_\_\_

Food Preference : Veg ☐

Non Veg ☐

## FOR REGISTRATION

<https://forms.gle/qRp6FHk4Uh63Arsd9>





## Faculty

- ✈ Dr. Sivasankaran S, SCTIMST, Trivandrum
- ✈ Dr. Jaganmohan Tharakan, Paalana Institute of Medical sciences, Palakkad
- ✈ Dr. Amit Kumar Chaurasia, Artemis Hospital NCR Delhi
- ✈ Dr. Jayakumar T G, Amala Hospital Thrissur
- ✈ Dr. Latchumana Das K, Madras Medical Mission Hospital Chennai
- ✈ Dr. Pradeep Kumar D, Aster CMI Hospital, Bangalore
- ✈ Dr. Rajesh Muralidharan, BMH, Calicut
- ✈ Dr. Rakesh Gopal, Apollo Hospital, Chennai
- ✈ Dr. Ramasubramanian, Erode medical centre Perundurai, Tamil Nadu
- ✈ Dr. Shomu Bohora, Baroda Heart Institute, Gujarat
- ✈ Dr. Sivasubramaniam, Supa Hospital Dharmapuri Tamilnadu
- ✈ Dr. Suresh K, S K Hospital, Trivandrum
- ✈ Dr. Srinivasa Prasad, ASTER RV Hospital, JP Nagar, Bangalore
- ✈ Dr. Venugopal K, Pushpagiri Hospital, Thiruvalla
- ✈ Dr. Ajitkumar V K, SCTIMST, Trivandrum
- ✈ Dr. Ajeet Arulkumar, Frontier Lifeline Hospital, Chennai
- ✈ Dr. B R J Kannan, Vadamalayan Hospital, Madurai
- ✈ Dr. Byju C K, Hearts Malabar Hospital
- ✈ Dr. Justin Paul, MMC Chennai
- ✈ Dr. Nageswara Rao K, CARE Hospital Hyderabad
- ✈ Dr. Natarajan K U, AIMS, Cochin
- ✈ Dr. Rajiv C, AIMS Cochin
- ✈ Dr. Rajpal K Abhaichand, GKNM, Coimbatore
- ✈ Dr. Ramakrishna Pillai, KIMS Hospital, Trivandrum
- ✈ Dr. Saurabh Kumar Gupta, AIIMS New Delhi
- ✈ Dr. Shanmuga Sundaram P, Velammal Medical College Hospital Madurai
- ✈ Dr. Sunitha Viswanathan, MCH, Trivandrum
- ✈ Dr. Stigi Joseph, Little Flower Hospital, Angamaly
- ✈ Dr. Thomas Titus, Cosmopolitan Hospital, Trivandrum
- ✈ Dr. Zulfikar Ahamed, Pushpagiri Hospital, Thiruvalla

**INTERNATIONAL FACULTY OF THIS YEAR**  
**Dr. Syam Kumar Divakara Menon, McMaster University, Canada, USA**

## Team SCTIMST

- ✈ Dr. Krishnamoorthy K M
- ✈ Dr. Bijulal S
- ✈ Dr. Deepa S Kumar
- ✈ Dr. Kartik Sambaturu V
- ✈ Dr. Harikrishnan S
- ✈ Dr. Sanjay G
- ✈ Dr. Arun Gopalakrishnan
- ✈ Mr. Suji K
- ✈ Dr. Narayanan Namboodiri
- ✈ Dr. Krishna Kumar M
- ✈ Dr. Mukund A Prabhu

## Academic Partners

- ✈ **Medtronic** & Hayya Associate
- ✈ **Veiva Scientific** India Pvt ltd
- ✈ Biotronik Medical Devices India Pvt Ltd
- ✈ Vascular Concepts
- ✈ Vasmed Technologies
- ✈ **Terumo India** Pvt. Ltd. & Cresta Medicare
- ✈ **Boston Scientific**
- ✈ Heartwares Medicals India Pvt ltd
- ✈ Sahajanand Medical Technologies Pvt .Ltd
- ✈ **Abbott Vascular**
- ✈ Sun Pharma
- ✈ Meril Life Sciences India Pvt Ltd
- ✈ Asahi Intecc



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**Supported by**  
**Sree Chitra Cardiology Alumni Association**