Dear Colleague,

After the positive feedback about the programme in the last 3 years, Department of Cardiology SCTIMST, is planning to continue the training course “Back to basics” in 2014 also. 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 percutaneous ASD closure.

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

Prof. Jaganmohan Tharakan
Director, SCTIMST
Patron

Dr. Thomas Titus
Prof. & HOD, Cardiology

Dr. V. K. Ajit Kumar
Prof. of Cardiology

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**Aim of The Course**

This course is designed to aid all those who are practising interventional cardiology to brush-up the basics. Since this course will cover the basics of coronary interventions, paediatric interventions and pacemaker implantation, this will cover all major areas in cardiac intervention.

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 in the basics of the core areas.

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**What Should be Expected From This Course?**

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 about the hardware, the right selection of hardware and tips and tricks of various catheter interventional procedures.

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**Session I - The Basics**

Chair: Dr Thomas Titus, Dr Ajithkumar VK

- 8.00 am Simulator Session starts
  Co-ordinator: Dr Raghuram A Krishnan (As per schedule given to participants)

- 2.00 pm Initiating an interventional facility - Points to ponder
  Dr Venugopal K

- 2.20 pm When you should and when you should not catheterize
  Dr Suresh K

- 2.40 pm Fluoroscopic anatomy
  Dr Narayanan Namboodiri

- 3.00 pm Echo in Interventional lab - Hemodynamic assessment
  Dr Rajiv C

- 3.20 pm A good CAG is a pre-requisite for an optimal PCI
  Dr Natarajan KU

- 3.40 pm PCI - Challenges outside the lab
  Dr Tiny Nair

- 4.00 pm Inauguration - Prof. Thomas Titus

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**Session II - Hardware In PCI**

Chair: Dr Abhilash SP, Dr Raghuram A Krishnan

- 4.30 pm Guide catheters
  Dr Rakesh Gopal

- 4.50 pm Guide wires
  Dr Balakrishnan KP

- 5.10 pm Balloons
  Dr Stijimon Joseph

- 5.30 pm Stents
  Dr Krishnakumar K

- 5.50 pm Simulator session continues

- 7.30 pm Dinner - Hotel Mascot, Trivandrum

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**Session III - Coronary Intervention Techniques**

Chair: Dr Rajpal K, Dr Natarajan KU

- 9.00 am PCI by Radial route - All the basics you should know
  Dr Rajpal K

- 9.30 am Primary PCI
  Dr. Sunitha Viswanathan

- 10.00 am Graft PCI
  Dr Justin Paul

- 10.20 am CTO Techniques
  Dr Byju CK

- 10.40 am Bifurcation PCI
  Dr Mukundan C

- 11.00 am Immediate post PCI Care – Be on the toes!!
  Dr Jayakumar TG

- 11.20 am Tea Break

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**Session IV - How to do it**

Chair: Dr Sivasankaran S, Dr Venkateshwaran S

- 11.45 am How to do a basic hemodynamic study
  Dr Kannan BRJ

- 12.10 pm ASD Device closure - Assessment
  Dr Nageshwar Rao K

- 12.30 pm ASD Device closure - Tips and Tricks
  Dr Krishnamoorthy KM

- 12.50 pm Lunch Break

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**Session V - Managing the complications**

Moderator: Dr V Ramakrishna Pillai

- 1.30 pm Ostial dissection, Wire –Induced Perforation, Stent Dislodgement, Balloon Non Deflation

- 3.00 pm Tea Break

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**Session VI - The gadgets**

Chair: Dr Sanjay G, Dr Anees T

- 3.15 pm IVUS and OCT Imaging
  Dr Ajith Kumar VK

- 3.35 pm Rotablation
  Dr Rajpal K

- 3.45 pm FFR
  Dr Rajesh Muralidharan

- 4.10 pm IABP - Trouble shooting - Lecture demo
  Dr Ajeet Arulkumar

- 4.30 pm Feedback and Valedictory function