



CHIP-CTO INDIA

19th - 20th Jan, 2019
Hotel Andaz, Aerocity, New Delhi

PROGRAMME



CHIP-CTO INDIA

SECRETARIAT:

Dr. Ashok Seth

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INTERNATIONAL FACULTY



Arasi Maran
CHARLESTON, USA



Biswajit Kar
HOUSTON, USA



Daniel Burkhoff
NEW YORK, USA



Jonathan Hill
LONDON, UK



Raj Tayal
NEW JERSEY, USA



Sanjog Kalra
NEW YORK, USA



William Lombardi
SEATTLE, USA

COURSE DIRECTORS



Dr. Ashok Seth
Course Director &
Coordinator



Dr. Ashwin B. Mehta
Course Director



Dr. Samuel K. Mathew
Course Director



Dr. Vijay Trehan
Course Director



Dr. Arun Kalyanasundaram
Course Director



Dr. Kirti Punamiya
Course Director



Dr. Vishal Rastogi
Course Director -
Advanced Haemodynamic Support



Dr. Vijay Kumar
Course Director

NATIONAL FACULTY

A J Swamy	Hemant Madan	Raman Chawla
A. B. Gopalamurugan	HS Isser	Ranjan Kachru
A Mathavan	Jayesh Prajapati	Ravindra Singh Rao
Aftab Khan	J.S Duggal	R D Yadave
Ajit Mullasari	Jeet Ram Kashyap	Rishi Gupta
Ajith Menon	K Latchumana Das	Rishi Sethi
Ajith Pillai	Keshava R	Roopa Salwan
Amardeep Garg	Keyur parikh	S.K Malani
Amit Chaurasia	M S Sandhu	Sai Satish
Anand Gnanaraj	Mohan Nair	Sandeep Bansal
Anand Rao	Mohit Gupta	Sandeep Singh
Anand Shulka	Mridual Sharma	Sanjay Chugh
Anil Dhall	N N Khanna	Sanjay Kumar
Anil Mishra	N O Bansal	Sanjay Tyagi
Anil Kumar	N Prathap Kumar	Sanjeeb Roy
Apurva Vasavada	Nagendra Chouhan	Sanjeev Sharma
Arun Chopra	Nakul Sinha	Santosh Sinha
Arun Mohanty	Nalin Kumar Mahesh	Sarath Reddy
Atul Mathur	Naveen Jamwal	Satish Mishra
Babu Ezhumalai	Nishit Chandra	Satyendra Tiwari
B B Chanana	P.K Hazra	Selvamani
B G Muralidhara	P.K Sahoo	Sharad C Yadav
B Madan Mohan	Parag Barwad	Shuvanan Ray
Balbir Singh	Paramdeep Sandhu	Sridhar Kasturi
Bishav Mohan	Parneesh Arora	Srinivas Reddy
Bivin Wilson	PLN Kaparthi	Sudheer Saxena
C G Bahuleyan	Praveer Aggarwal	Suman Bhandari
C K Byju	Pravin K Goel	Sundeeep Mishra
Col. Nikhil Kumar	R R Mantri	Sunil Sofat
Col. Prafull Sharma	Rabin Chakraborty	Tapan Ghose
Deepak Davidson	Rajeev Bhagwat	Tarun Madan
Deepak Maheshwari	Rajiv Agarwal	T S Kler
Dev Pahalajani	Rajneesh Kapoor	Vijay Bang
Dilip Kumar	Rajneesh Jain	Vinay Jetley
Ganesh Kumar AV	Rajsekhar V	Viveka Kumar
G L Sharma	Rakesh Jaswal	Y V C Reddy
H K Bali	Rakesh Yadav	Yogendra Singh

SCIENTIFIC PROGRAM

ALL TALKS ARE CASE-BASED, WITH A FOCUS ON CATH LAB MANAGEMENT

DAY-1

19th January (Saturday)

10:30 am - 10:40 am	INTRODUCTION	
10:40 am - 11:00 am (15+5)	About CHIP - What, Why, for Whom & by Whom? Sanjog Kalra Chairperson: Ashok Seth, Ashwin B. Mehta, Samuel K. Mathew, Vijay Trehan, Arun Kalyanasundaram, Kirti Punamiya, Vishal Rastogi, Vijay Kumar Discussants: S K Malani, Rishi Gupta, T S Kler, Suman Bhandari, Sanjay Chugh, Parneesh Arora	
11:00 am - 12:30 pm	Session I: LEFT MAIN BIFURCATION Chairperson: Ashok Seth, Ashwin B. Mehta, Sanjog Kalra, Biswajit Kar, Arasi Maran, Nakul Sinha Discussants: Anil Dhall, Arun Mohanty, Nikhil Kumar, Viveka Kumar, R R Mantri, Nagendra Chouhan, Praveen Singh, Rishi Gupta, Sridhar Kasturi, C K Byju	
11:00 am - 11:20 am (15+5)	How to decide Significance of LM Disease	Biswajit Kar
11:20 am - 11:40 am (15+5)	Techniques for LM bifurcation PCI in 2019	Samuel K. Mathew
11:40 am - 12:00 pm (15+5)	How to optimize LM PCI	Kirti Punamiya
	Best teaching cases (Left main Bifurcation)	
12:00 pm - 12:10 pm (8+2)	Case 1	Rajneesh Kapoor
12:10 pm - 12:20 pm (8+2)	Case 2	N K Mahesh
12:20 pm - 12:30 pm (8+2)	Case 3	Rishi Sethi

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12:30 am - 1:30 pm

Session II: CALCIFIED VESSELS

Chairperson: Samuel K. Mathew, Raj Tayal, Praveer Agrawal, Ganesh Kumar AV, T S Kler

Discussants: M S Sandhu, Keyur Parikh, Anand Shukla, Santosh Sinha, Rajneesh Jain, Anil Mishra, Anil Kumar, Nikhil Kumar, R R Mantri

12:30 pm - 12:50 pm (15+5)

Rotablation - Tips, Tricks and avoiding Complications
Ashok Seth

12:50 pm - 1:03 pm (10+3)

Calcified / Undilatable lesions: What did I Do?

Case 1 **Arasi Maran**

1:03 pm - 1:16 pm (10+3)

Case 2 **Ashok Seth**

1:16 pm - 1:30 pm (10+3)

Case 3 **Sai Satish**

1:30 pm - 2:15 pm

Session III: PCI OPTIMISATION

Chairperson: Samuel K. Mathew, Jonathan Hill, Viveka Kumar, Subhash Chandra, Atul Mathur, Nishith Chandra

Discussants: A J Swamy, Naveen Jamwal, Prafull Sharma, Ranjan Kachru, HS Isser, Jayesh Prajapati, Mathavan A V, R.D Yadave, Mohit Gupta

1:30 pm - 1:45 pm (10+5)

How to use OCT for PCI Optimisation
Balbir Singh

1:45 pm - 1:55 pm (8+2)

OCT in High Risk PCI

Case 1 **Sridhar Kasturi**

1:55 pm - 2:05 pm (8+2)

Case 2 **Nishith Chandra**

2:05 pm - 2:15 pm (8+2)

Case 3 **Arun Mohanty**

2:15 pm - 5:00 pm

Session IV: CTO

Chairperson: Kirti Punamiya, Arun Kalyanasundaram, Raj Tayal, P K Goel, N Prathap Kumar, Nikhil Kumar

Discussants: Deepak Maheshwari, Parag Barwad, C.K Byju, Dilip Kumar, Babu Ezhumalai, Rajiv Agarwal, Nakul Sinha, Jayesh Prajapati, Apurva Vasavada, Prafull Sharma

2:15 pm - 2:35 pm (15+5)

CTO-PCI - Complete Revascularization & How to approach?
Arun Kalyanasundaram

2:35 pm - 2:55 pm (15+5)

CTO Tool Kit **Sanjog Kalra**

2:55 pm - 3:15 pm (15+5)

How to overcome Hurdles in CTO PCI **Arasi Maran**

3:15 pm - 3:40 pm (20+5)

Antegrade Approach & Antegrade Dissection and Re-entry:
Step-By-Step/Tips **Arun Kalyanasundaram**

3:40 pm - 4:05 pm (20+5)

Retrograde Approach: Step-by-Step / Tip
Ashwin B. Mehta

4:05 pm - 4:20 pm (15+5)

CTO-PCI in Low EF & Post CABG Patients
Arun Kalyanasundaram

4:20 pm - 4:30 pm (8+2)

My Most illustrative CTO Case: Step-By-Step

Case 1 **Sanjeeb Roy**

4:30 pm - 4:40 pm (8+2)

Case 2 **Ajit Pillai**

4:40 pm - 4:50 pm (8+2)

Case 3 **N Prathap Kumar**

4:50 pm - 5:00 pm (8+2)

Case 4 **Ganesh Kumar A V**

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DAY-2

20th January (Sunday)

5:00 pm - 7:30 pm	Session V: HEMODYNAMICS & SUPPORT DEVICES Chairperson: Ashok Seth, Vishal Rastogi, Jonathan Hill, Atul Mathur, Ravindra Singh Rao, C.G Bahuleyan Discussants: B.B Chanana, Bishav Mohan, Apurva Vasavada, Keshava R, Vijay Bang, Ajith Pillai, Rajiv Agarwal, Amardeep Garg, Srinivas Reddy, Santosh Sinha	
5:00 pm - 6:00 pm (55+5)	ADVANCED CARDIOVASCULAR HEMODYNAMICS (Practical Consideration)	Daniel Burkhoff
6:00 pm - 6:20 pm (15+5)	SHOCK ALGORITHMS	Sanjog Kalra
6:20 pm - 6:40 pm (15+5)	Mechanical Circulatory Support (Which device for which Patient)	Biswajit Kar
6:40 pm - 7:10 pm (20+10)	Impella - When, How and for Whom?	Raj Tayal
7:10 pm - 7:30 pm (15+5)	How to initiate ECMO for cath lab crashes	Vishal Rastogi

8:00 am - 8:30 am	Session VI: VASCULAR ACCESS TECHNIQUE & MANAGEMENT Raj Tayal Chairperson: Biswajit Kar, Sanjog Kalra, Ajit Mullasari, Rakesh Jaswal, B.B Chanana Discussants: K latchumana Das, Deepak Davidson, G L Sharma, B.Madan Mohan, PLN Kaparthi, B G Muralidhara, Keyur Parikh, Naveen Jamwal, Satish Mishra, Tarun Madan	
8:30 am - 1:30 pm	Hands on Workshops (By Rotation) and Learn From Experts / Case Discussion Rotational Atherectomy and IVUS Hall B Mechanical Circulatory Support Devices: IABP/ ECMO Hall C Large Bore access & closure and OCT Hall D CTO - Tool Kit Hall E Hemodynamics & Impella Hall F	
10:20 am - 10:45 am	Tea	
1:30 pm - 3:00 pm	Session VII: COMPLICATIONS (CASE BASED DISCUSSION & PRACTICAL TIPS) Chairperson: Ashok Seth, Arun Kalyanasundaram, Vijay Bang, Rabin Chakraborty, Sanjay Tyagi, Sudheer Saxena Discussants: Nakul Sinha, Roopa Salwan, S. Srinivas Reddy, Sanjay Kumar, Sanjeev Sharma, Paramdeep Sandhu, Sandeep Singh, Satish Mishra, B G Muralidharan	
1:30 pm - 1:45 pm (10+5)	CTO Complications	Vijay Trehan
1:45 pm - 2:00 pm (10+5)	Perforations	A J Swamy
2:00 pm - 2:15 pm (10+5)	Air Embolization	Mridul Sharma
2:15 pm - 2:30 pm (10+5)	Stuck / Lost Hardware	Vijay Trehan
2:30 pm - 2:45 pm (10+5)	Slow flow / Thrombus Management	Rakesh Yadav
2:45 pm	Closing Remarks	

WORKSHOP

TIME	HALL B Rotational Atherectomy and IVUS	HALL C Mechanical Circulatory Support Devices: IABP / ECMO
8:30 am - 9:25 am	1- Dr. A B Mehta (Rota) 2- Dr. Sai Satish (Rota) 3- Dr. Sarath Reddy (IVUS)	1- Dr. Biswajit Kar 2- Maquet Team
9:25 am - 10:20 am	1- Dr. Samuel Mathew (Rota) 2- Dr. Kirti Punamiya (IVUS)	1- Dr. Ravinder Singh Rao 2- Maquet Team
10:45 am - 11:40 am	1- Dr. Ashok Seth (Rota) 2- Dr. Hemant Madan (Rota) 3- Dr. Ajith Mullasari (IVUS)	1- Dr. Nagendra Chouhan 2- Maquet Team
11:40 am - 12:35 pm	1- Dr. Vijay Trehan (Rota) 2- Dr. Praveer Aggarwal (Rota) 3- Dr. Arun Mohanty (IVUS)	1- Dr. Vishal Rastogi 2- Maquet Team
12:35 pm - 1:30 pm	1- Dr. Anil Dhall (Rota) 2- Dr. Aftab Khan (Rota) 3- Dr. Sanjeeb Roy (IVUS)	1- Dr. Vishal Rastogi 2- Maquet Team

HALL D Large Bore access & closure and OCT	HALL E CTO - Tool Kit & Cases	HALL F Hemodynamics & Impella
1-Dr. Raj Tayal(LBA) 2- Dr. Jonathan Hill (OCT) 3- Viveka Kumar (OCT)	1- Dr. Arasi Maran (Tool Kit) 2- Dr. Ajith Pillai (Cases)	1- Dr. Sanjog Kalra 2- Abiomed Team
1- Dr. Viveka Kumar (LBA) 2- Dr. Sanjeeb Roy (OCT)	1- Dr. Anand Shukla (Tool Kit) 2- Dr. Sridhar Kasturi (Cases)	1- Dr. Vishal Rastogi 2- Abiomed Team
2- Dr. Yogendra Singh (LBA) 3- N.K mahesh (OCT)	1- Dr. Ganesh Kumar AV (Tool Kit) 2- Dr. Parag Barwad (Cases)	1- Dr. Ravinder Singh Rao 2- Abiomed Team
1- Dr. P. K Goel (LBA) 2- Dr. Kirti Punamiya (OCT)	1- Dr. Arun Kalyansundaram (Tool Kit) 2- Dr. N Prathap Kumar (Cases)	1- Dr. N.K. Mahesh 2- Abiomed Team
1- Dr. Vijay Kumar (LBA) 2- Dr. Nishith Chandra (OCT) 3- Viveka Kumar (OCT)	1- Dr. A B Mehta (Tool Kit) 2- Dr. P.K Goel (Cases)	1- Dr. Ashok Seth 2- Abiomed Team

NOTE

