

NATIONAL COURSE ON PERCUTANEOUS CARDIO - VASCULAR INTERVENTIONS

11th
INDIA LIVE
2020

The logo of the International College of Fellowship in Interventional Cardiology (ICFI) is circular. It features a central emblem with a heart and a stethoscope, surrounded by the text 'INTERNATIONAL COLLEGE OF FELLOWSHIP IN INTERVENTIONAL CARDIOLOGY' and 'ICFI' at the bottom.

February 28 - March 01, 2020
Taj Palace, New Delhi, India

Fellows Course
February 27, 2020

www.indialive2020.com

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INVITATION

Dear Colleagues,

It is indeed a matter of immense pleasure and privilege for us to welcome you to India Live-2020, the Eleventh National Course on Cardiovascular Interventions organised by the Interventional Cardiology Foundation of India, being held at Hotel Taj Palace, New Delhi on February 28, 29 and March 1, 2020. It will be preceded by a one-day Fellows Course on February 27, 2020. The Conference is expected to be attended by more than 1,500 Interventional Cardiologists from India and other SAARC countries.

The objective of the conference is to focus on "Interventional Cardiology: From Clinic to Cutting Edge". The inaugural India Live 2010 course was held in New Delhi focusing on percutaneous cardio-vascular interventions designed for interventional cardiologists, clinical cardiologists, vascular medicine specialists and other health care professionals. The subsequent India Live courses were organized in Mumbai, Chennai and New Delhi by rotation in last week of February each year. These courses were highly acclaimed for its scientific content and generated huge response from participants and Industry.

You will have the opportunity to listen to and discuss cutting edge research with leading experts in various fields of Interventional Cardiology. Scientific committee is working hard to draw a comprehensive innovative program covering all major advances in the ever-expanding field of cardiovascular diseases. The meeting will feature live case demonstrations that will be performed by internationally renowned operators from India and abroad. Several innovative interventional techniques i.e. percutaneous aortic and pulmonary valve implantation, LA appendage closure and complex coronary procedures will be performed and discussed live. Targeted didactic presentation on various contemporary topics will be delivered by thought leaders during this four-day educational activity. Besides coronary interventions, there will also be concurrent sessions on vascular, congenital and structural heart disease interventions and cardiac imaging. Selected complex intervention cases with interesting and educative features will be discussed during Case Review Session, which will be another highlight of this meeting. Best three cases would be acknowledged and awarded. In addition to the scientific sessions, the industry will be encouraged to display latest devices and present their viewpoint. You will also have an opportunity to hone your skill on Simulators.

Your presence will add to the scientific flavor of this educational activity. We sincerely hope that the blend of cool weather, warm hospitality and invigorating social evenings in the backdrop of rich cultural heritage of Delhi will make the scientific environment richer than ever. We look forward to the honor of welcoming you in Delhi, the Heart of India, in February 2020 in our quest for finding new solutions to several old questions and discuss some new ones.

With warm personal regards

Course Directors

Vinay K Bahl | Upendra Kaul | Samuel Mathew K | A B Mehta | Ashok Seth

Course Directors



VINAY K BAHL
Dean (Academic), Chief, Cardio-Thoracic Centre
Professor and Head,
Department of Cardiology
All India Institute of Medical Sciences,
New Delhi, India



UPENDRA KAUL
Chairman & Dean Academics
Batra Hospital & Medical Research Centre
New Delhi, India



SAMUEL MATHEW K
Chief Interventional Cardiologist
Lilavati Hospital and Research Centre
Mumbai, India



ASHWIN B MEHTA
Chief Interventional Cardiologist
Jaslok Hospital and Research Centre
Mumbai, India



ASHOK SETH
Chairman, Cardiovascular Sciences and
Chief of Cardiology
Fortis Escorts Heart Institute
New Delhi, India

Program Highlights

- Complex Cases
- Symposia
- Debates
- Case-in-Box
- Didactic Lectures
- Training on Simulators
- Learn from the Masters
- Live Cases from Indian and International Sites

International Faculty



ANTONIO COLOMBO
Chief of Invasive Cardiology
San Raffaele Hospital, Milan
Italy
Live Case from Italy



ADNAN KASTRATI
Deputy Director, Department of Cardiology
German Heart Centre
Germany



ADRIAN BANNING
Consultant Cardiologist,
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UK



A H GERSHLICK
Professor of Interventional Cardiology,
University Hospital of Leicester,
UK



AJAY J KIRTANE
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USA



ANNAPOORNA KINI
Professor Cardiology
Mount Sinai Hospital, New York
USA



BERNARD CHEVALIER
Institut Cardiovasculaire
Paris - Sud, Paris
France



CHAIM LOTAN
Professor of Medicine (Cardiology)
Hadassah Medical Center, Jerusalem,
Israel

International Faculty



CHRISTOPH K NABER
Assoc. Professor of Medicine
University Hospital, ESSEN
Germany



DAVID HOLMES
Professor of Medicine
Division of Cardiovascular Diseases,
Rochester, Minnesota
USA



GANESH MANOHARAN
Consultant Cardiologist,
Royal Victoria Hospital, Belfast,
UK



GARY MINTZ
Chief Medical Officer
Cardiovascular Research Foundation
USA



GEORGE DANGAS
Professor of Cardiology
Mount Sinai Hospital, New York
USA



GERALD S WERNER
Chief of Cardiology
Medizinische Klinik I Klinikum,
Germany



GIULIO GUAGLIUMI
Consultant Cardiologist
Cardiovascular Department,
Ospedali Riuniti di Bergamo in Bergamo,
Italy



GORAN STANKOVIC
Professor of Medicine,
University of Belgrade,
Serbia

International Faculty



GURPREET S. SANDHU
Chair, Division of Interventional Cardiology
Mayo Clinic, Rochester, MN,
USA



HORST SIEVERT
Director, CardioVascular Center,
Sankt Katharinen Hospital, Frankfurt,
Germany



JAGAT NARULA
Professor of Cardiology
Mount Sinai Hospital, New York
USA



JAMES NOLAN
Consultant Cardiologist
University Hospital of North Midlands
UK



JEAN FAJADET
Director, Interventional Cardiovascular Group
Clinique Pasteur, Toulouse
France
Live Case from France



KOH TIAN HAI
Emeritus and Senior Consultant,
Department of Cardiology,
National Heart Centre
Singapore



MAMAS A. MAMAS
Professor of Interventional Cardiology
Keele University
UK



MARC SILVESTRI
Centre Cardio-Vasculaire Clinique Axium
Aix En Provence
France

International Faculty



NILS P JOHNSON
Associate Professor of Cardiology
University of Texas, Houston
USA



PAUL TEIRSTEIN
Chief of Cardiology
Scripps Clinic, La Jolla,
USA
Live Case from USA



RAJ MAKKAR
Director, Interventional Cardiology Division
Cedars-Sinai Medical Center, Los Angeles, California
USA



ROBERT J VAN GEUNS
Professor of Cardiology
Radboud University Center, Nijmegen,
Netherlands



SAIBAL KAR
Interventional Cardiologist
Smidt Heart Institute, LA
USA



SAMIN K. SHARMA
Professor Cardiology
Mount Sinai Hospital, New York
USA



SHAMIR MEHTA
Professor – Division of Cardiology,
McMaster University
Canada



ZIYAD M HIJAZI
Professor of Pediatrics
Weill Cornell Medical College, Doha
Qatar

Live Case Centres - International Sites



ANTONIO COLOMBO
Maria Cecila Hospital,
Cotignolaltaly
Italy



SAMIN K. SHARMA
Mount Sinai Hospital,
New York
USA



JEAN FAJADET
Director, Interventional
Cardiovascular Group
Clinique Pasteur, Toulouse
France



ANNAPOORNA KINI
Mount Sinai Hospital,
New York
USA



PAUL TEIRSTEIN
Scripps Clinic, La Jolla,
USA



BERNARD CHEVALIER
Messy
France

Live Case Centres - National Sites



FACULTY : Upendra Kaul
HOSPITAL : Batra Hospital
CITY : New Delhi



FACULTY : Ashok Seth
HOSPITAL : Fortis Escort Hospital
CITY : New Delhi



FACULTY : Samuel K Mathews
HOSPITAL : Lilavati Hospital
CITY : Mumbai



FACULTY : Vinay K Bahl
HOSPITAL : AIIMS
CITY : New Delhi



FACULTY : Ashwin B Mehta
HOSPITAL : Jaslok Hospital
CITY : Mumbai

Call for Educative Cases

Cardiologists from around the world are invited to submit their most challenging cases treated with percutaneous intervention involving coronary, endovascular, structural or congenital heart diseases. The case may have interesting clinical situation, unique anatomical obstacles, device-specific challenges or management of complications.

Please also submit your valuable and innovative scientific work and trials involving interventions in coronary, endovascular, structural or congenital heart diseases for presentation at India Live 2020.

All cases and abstracts will be reviewed and selected for presentation by the "India Live - 2020" Scientific Committee.

The submission deadline for Cases and Abstracts is **December 31, 2020**

Cases Submission Category

- Chronic Total Occlusion
- Left Main Disease
- Bifurcation Disease
- Radial Intervention
- Complex Coronary Case
- Acute Coronary Syndrome
- Rotaablation
- Complications
- Imaging (IVUS, OCT)
- Functional Assessment (FFR)
- PTMC
- TAVI
- Structural Heart Disease
- Vascular
- Congenital heart disease

Registration

DELEGATE	Till 31-Dec-19	Till 31-Dec-19
This registration is open only for registered medical practitioners and is also valid for attending the Fellows Course	INR 15,000	INR 20,000
Industry Professionals	INR 15,000	INR 20,000
Nursing and Technical Professionals	INR 12,000	INR 15,000
Accompanying Person	INR 10,000	INR 12,000
FELLOWS (Certificate mandatory from HOD stating that you are DM/DNB) Registration is valid both for India Live-2020 (Feb 28-Mar 1, 2020) and Fellows Course (February 27, 2020) Complimentary Economy Class Travel and Hotel accommodation for Indian participants only (on twin sharing basis)	INR 10,000	INR 12,000

GSTN: 33AABTC2363F1Z7 | GST @ 18% will be charged extra

Spot Registration: It cannot be guaranteed and will be subject to availability and For spot registration only Cash/Card will be accepted

Cancellation Terms and Conditions: The Registration amount is non-refundable.

Fellows Course

Time	Topic
07:00-08:00	Preliminary Round of Quiz
08:00-08:15	Choice of angiographic views and catheters
08:15-08:30	Wire selection in CTO's
08:30-08:45	Radial approach: All you need to know
08:45-09:00	Stent (DES): How to choose and how to optimise results
09:00-09:15	Hemodynamic Support Options: An update
09:15-09:30	Overcoming the challenges of anomalously arising arteries: Tips and tricks
09:30-09:45	Peri-Procedure anti-platelet therapy and its impact on outcomes
09:45-10:00	Statistics for interventionists
10:00-10:30	TEA BREAK
10:30-10:45	Rotational Atherectomy: Tips and tricks
10:45-11:00	Primary angioplasty: Issues and solutions
11:00-11:15	Bifurcation techniques: When and how
11:15-11:30	Left main angioplasty: Tips and tricks
11:30-11:45	OCT: Core concepts and case examples
11:45-12:00	IVUS: Core concepts and case examples
12:00-12:15	FFR and iFR: Core concepts and case examples
12:15-12:45	CTO angioplasty: Different techniques
12:45-01:45	LUNCH BREAK
01:45-02:00	The Science and Art of SVG and LIMA Graft Interventions
02:00-02:15	TAVR: Update 2020
02:15-02:30	Mitral valve repair/ replacement: what you need to know
02:30-02:45	PTMC: Tips and tricks
02:45-03:00	Common adult congenital heart disease interventions
03:00-03:10	Perforation
03:10-03:20	Dislodgment of hardware
03:20-03:30	Slow flow/No flow
03:30-03:40	Access site complications
03:40-03:50	PCI in an ectatic vessel/ tortuous vessel
03:50-04:00	Impossible to deliver/fully expand a stent
04:00-04:30	TEA BREAK
04:30-04:45	Stent restenosis: How to manage it
04:45-05:00	LA appendage closure
05:00-05:15	Trans septal puncture: tips and tricks
05:15-05:30	Endovascular treatment of aortic dissection
05:30-05:50	Exotica: Congenital heart disease
05:50-06:10	Exotica: Coronary
06:10-06:30	Exotic: Vascular interventions
06:30-06:50	FINAL ROUND OF QUIZ 5 TEAMS
07:30-08:00	Residency to Consultancy: Journey Ahead

Scientific Program

February 28, 2020 | HALL A - DURBAR HALL

- 08:00-08:30 INTRODUCTION
VK Bahl, New Delhi | Upendra Kaul, New Delhi | Ashwin Mehta, Mumbai
| Samuel Mathew K, Mumbai | Ashok Seth, New Delhi)
- 08:30-09:00 Top Interventional Stories of the Last One Year
- 09:00-11:00 **PERCUTANEOUS VALVE CONCLAVE**
- 09:00-10:00 Symposium: Transcatheter valve therapy
1. Transcatheter aortic valve replacement: Has it almost replaced surgical valves
2. Percutaneous mitral valve repair: Has it reached centre stage?
3. Percutaneous mitral valve replacement: A difficult journey ahead
4. Transcatheter tricuspid valve repair/replacement: Solution for a not an uncommon problem
- 10:00-11:00 **LIVE CASE - I & II**
- 11:00-01:20 **CCT@IndiaLive: CHRONIC TOTAL OCCLUSION CONCLAVE**
- 11:00-11:03 Opening Remarks
- 11:03-11:27 Point Counterpoint: Chronic Total Occlusion
Opening the artery is desirable
Anil Dhall, Delhi
Evidence does not justify opening chronically closed artery
Harikrishnan, Sri Chitra
- 11:27-12:12 The tools I have in my CTO box: *PK Goel, Lucknow*
Retrograde technique for CTO: Tips and tricks with case studies -
Surya Prakash Rao, Hyderabad
Role of CT angio and IVUS imaging for CTO interventions
- 12:12-01:12 **Live Case - III & IV**
Kusatsu Heart Center, Japan
- 01:12-01:15 Closing Remarks - AB Mehta, Mumbai
- 01:15-03:30 **EuroPCR@IndiaLive: LEFT MAIN CONCLAVE**
- 01:15-01:18 Opening Remarks

February 28, 2020 | HALL A - DURBAR HALL

- 01:18-01:45 Point Counterpoint: Left main bifurcation angioplasty
Provisional stenting using single stent is the optimal strategy
Balbir Singh, New Delhi
Two stents should be the default approach
DS Gambhir, New Delhi
- 01:45-02:05 How to perform a left main trifurcation angioplasty
MS Hiremath, Pune
Dedicated bifurcation stents: Why they are not on centre stage?
- 02:05-03:05 **Live Case - V & VI**
- 03:05-03:28 Point Counterpoint: Left main bifurcation angioplasty
Imaging assessment (IVUS, OCT) is mandatory
Kirti Punamiya, Mumbai
Angiography alone is enough to achieve optimal results in majority of cases
Dev Pahalajani, Mumbai
- 03:28-03:30 **Closing Remarks** - *Samuel Mathew K, Mumbai*
- 03:30-05:00 **CORONARY CONCLAVE**
- 03:30-04:00 Point Counterpoint: All new generation DES have similar safety and efficacy?
* Yes, I agree
* All stents are not equal - *Sundeep Mishra, Delhi*
- 04:00-05:00 **Live Case - VII** (Batra Hospital, New Delhi) - *Upendra Kaul, New Delhi*
Live Case - VIII (Fortis Escort Institute, New Delhi) - *Ashok Sethi, New Delhi*
- 05:00-06:00 **COMPLEX CORONARY CONCLAVE**
- 05:00-05:30 Point Counterpoint: Cardiogenic Shock
Opening the artery is all that is required - *KK Sethi, Delhi*
Haemodynamic support changes the outcome -
- 05:30-06:00 Point Counterpoint: Revascularization in Multivessel Disease
All evidence favors CABG - *OP Yadava, Delhi*
Multi vessel PCI is noninferior to CABG - *Haresh Mehta*
- 06:00-07:00 **INDUSTRY SYMPOSIUM**
- 08:00 Onwards **FELLOWSHIP AND DINNER**

February 29, 2020 | (Hall B - Shah Jahan Hall)

08:30-10:00 **SYMPOSIUM**

08:30-10:00 Symposium: Tips and Tricks

- * Percutaneous access site closure - *Neeraj Prasad*
- * Anatomical snuff box and Ulnar angiography - *RK Gokhroo*
- * Optimising IABP haemodynamics - *Sanjay Mehrotra*
- * Transeptal puncture - *DS Chadda*
- * PTMC in difficult situations - *CN Manjunath, Bangalore*

10:00-12:00 **COMPLEX CORONARY CONCLAVE**

10:00-10:30 Point Counterpoint: Post angioplasty Aspirin

- * Is still mainstay of antiplatelet therapy - *Marc Silvestri, France*
- * Aspirin will soon disappear from scene - *G Kathikeyan, Delhi*

10:30-11:00 Symposium: Fractional Flow Reserve (FFR)

- * Common pitfalls in FFR measurement - *Ravi Kishore*
- * FFR in a vessel with two tandem lesions - *Prabhu Halkati*
- * FFR in a bifurcation lesion - *A Sreenivas Rao*

11:00-12:00 **Live Case - IX** (Flinders Medical Centre, Australia)

Ajay Sinhal, Australia

Live Case - X (SGPGI, Lucknow)

P K Goel, Lucknow

12:00-01:00 **IMPORTANT ISSUES IN INTERVENTIONS**

12:00-12:30 Point Counterpoint: Duration of DAPT after Coronary Angioplasty

- * Shorter duration is better in stable patients - *NO Bansal, Mumbai*
- * Prolonged therapy seems to be the way - *Satyavan Sharma*

12:30-01:00 Point Counterpoint: Management of Stable Angina

- * Angioplasty is nothing but an expensive placebo - *Nakul Sinha*
- * Angioplasty is the logical treatment option - *Rishi Sethi*

01:00-03:00 **ACS CONCLAVE**

01:00-02:00 **Live Case - XI** (Lisie Hospital, Kochi)

Rony Mathew, Kochi

Live Case - XII (PGI Chandigarh)

Rajesh Vijayvergiya, Chandigarh

- 02:00-03:00 **Symposium: Management issues in acute coronary syndrome**
- * Pharmacoinvasive therapy in STEMI: rational, timings and outcome
Santanu Guha
 - * Optimal therapy for STEMI patient presenting after 48 hours
Thomas Alexander
 - * Complete revascularization in STEMI (without shock): Timing and outcome
Rabin Chakravorty, Kolkata
 - * Prevention of reperfusion injury is the future goal in STEMI patients -
Subhash Chandra, Delhi
 - * Only do culprit artery angioplasty in STEMI with shock: Is it final?
Ajit Mullasari, Chennai
- 03:00-06:00 **COMPLEX CORONARY CONCLAVE**
- 03:00-04:00 **Live Case - XIII** (Shri Jayadeva Institute, Bangalore)
C N Manjunath, Bangalore
- Live Case - XIV** (Al Qassimi Hospital, Sharjah, UAE)
Arif Abdullah Al Nooryani, UAE
- 04:00-05:00 **Symposium: Update 2020**
- * Renal angioplasty - *Sanjiv Sharma, Delhi*
 - * Leadless pacemakers - *C Narasimhan, Hyderabad*
 - * Carotid interventions - *Atul Mathur, New Delhi*
 - * HOCM: Alcohol septal ablation - *Balram Bhargava, Delhi*
 - * PFO Closure -
- 05:00-06:00 **Symposium: Update 2020**
- * Refractory angina (No option scenario) / Stable angina: Role of different strategies / beyond the guidelines ???
K Latchumanadhas, Chennai
 - * Heart failure: Role of interventional strategies
 - * Robotic assisted angioplasty: No more futuristic - *Tejas Patel*
 - * Multivessel disease with severe LV dysfunction: Role of CABG - *Jamshed Dalal*
 - * Indian stents: Challenges and opportunities - *Krishna Reddy, Hyderabad*
 - * Tools and tricks for difficult coronary interventions - *AB Mehta, Mumbai*
- Or
- * Expanded Indications of Impella: Protected PCI - *Sameer Dani, Ahmedabad*
- 06:00-08:00 **INDUSTRY SYMPOSIUM**
- 08:00 Onwards **FELLOWSHIP AND DINNER**

February 29, 2020 | (Hall A-Durbar Hall)

- 08:00-11:00 INNOVATIVE TECHNOLOGY CONCLAVE
- 08:30-09:00 Symposium: Management Issues in Non-STEMI/ Stable and Unstable angina
* Role of antithrombotics, anti-inflammatory agents and PCSK-9 inhibitors in stable angina - *PP Mohanan, Kochi*
* How to risk stratify the patient/ Chest pain patient in emergency room: Hs troponin or CT angio/Best approach ??? - *Mantosh Panja, Kolkata*
* Early invasive therapy in non-STEMI: Rationale and timing - *Lekha Adik Pathak*
- 09:00-10:00 **Symposium: Big boys can also fail**
* Case I - *Praveer Aggarwal, Delhi*
* Case II - *International*
* Case III - *Suman Bhandari, Delhi*
* Case IV - *International*
* Case V - *Jaspal Arneja, Nagpur*
* Case VI - *International*
- 10:00-11:00 **Live Case - XV & XVI** (Cedars Sinai Medical Center, USA) - *Saibal Kar, USA*
- 11:00-12:00 **GUEST LECTURES**
* Interventional innovations knocking on the door - *International*
* Interventional cardiology: Prophecies for the next decade - *International*
* Heart Team approach: The Surgeon's perspective - *Surgeon*
* Instent Restenosis: Management issues - *U Kaul*
- 12:00-02:00 **BIFURCATION CONCLAVE**
- 12:00-12:30 Point Counterpoint: Calcified coronary artery disease
Rotaablation is the only answer - *Samuel Mathew, Chennai*
Think beyond rotaablation: There is much more to it - *International*
- 12:30-01:00 A patient with diabetes mellitus and multivessel disease
Medical treatment is all that is required - *Venugopal K Nair, Kochi/ Amal Banerjee, Kolkata*
Angioplasty is the answer - *JS Duggal, Pune*
CABG is the evidence based therapy - *J C Mohan, Delhi*
- 01:00-02:00 **Live Case-XVII & XVIII** (San Raffaele Hospital, Milan, Italy)
Antonio Colombo, Italy
- 02:00-04:00 RECENT TECHNOLOGIES

- 02:00-03:00 **GUEST LECTURES**
Left atrial appendage closure: Will it close the chapter of anticoagulants
Ranjan Shetty, Manipal
or
LA appendage closure: Practical issues in evaluation and closure - *International*

LAA Closure vs. NOACs: Pros and Cons
RDN: Lessons learnt and future prospects - *Amit Vora, Mumbai*
Endovascular interventions: Evolution of a subspecialty - *George Joseph, Vellore*
Cardiogenic shock: Unconquered fort - *Raj Dave, USA*
Acute Cardiogenic Shock: The Number One Unresolved Challenge in
Cardiovascular Disease - *William o neil, Ehtisham Mahmud*
- 03:00-04:00 **Live Case-XVII & XVIII (Added Later)**
- 04:00-05:00 **GUEST LECTURE**
* BVS: Past, present and future - *Ashok Seth, Delhi*
* Endovascular treatment of stroke - *International*
* Stent thrombosis: Is it still an issue? - *Marie Claude Morice, France*
* Interventional cardiology in India: Path breaking journey - *Jean Fajadet, France*
- 05:00-06:00 **SYMPOSIUM**
- 05:00-05:30 Point Counterpoint: Price cap on devices
* Desirable in India -
* It will cap the sub speciality - *Brian Pinto, Mumbai*
- 05:30-06:00 Symposium: Drug Eluting Stent: What Matters
* Thinner struts - *Anand Rao, Mumbai*
* Biodegradable polymer - *Arun Chopra, Amritsar*
* Type of drug used - *Bishav Mohan, Ludhiana*
- 06:00-07:00 **INDUSTRY SYMPOSIUM**
- 08:00 Onwards **FELLOWSHIP AND DINNER**

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