

# ISMICS 2009 WINTER WORKSHOP

11<sup>th</sup> – 13<sup>th</sup> December, 2009

Medanta-The MedCity, Delhi (NCR), India  
Scientific Program

## *Day 1*

### *Friday Dec 11<sup>th</sup>*

**7:30 Onwards**

**Registration  
HALL A**

**8:00 AM**

***Welcome address***

Naresh Trehan  
Chairman, Medanta-The Medicity

***Mitral Valve Surgery***

**Moderators:** Didier De Canniere, Naresh Trehan

**Panelists:** Lishan Aklog, John Puskas, RK Bapna,

**8:30 AM – 10.30 AM**

***Mitral Valve Prolapse: Techniques & Results***

8:30 AM – 8:45 AM

**Right Minithoracotomy For Mitral Valve Repair With  
Neo-Chordae**  
Jan F Gummert

8:45 AM – 9.00 AM

**“Butterfly Resection” for Mitral Valve Prolapse**  
Tohru Asai

9.00 AM – 9:15AM

**Clinical Results of “Respect Rather than Resect” Approach  
for Repair of Posterior Leaflet Mitral Valve Prolapse**  
Patrick Perrier

9:15 AM - 9:30 AM

**“Cut and Transfer” Basal Chordae and Papillary Muscle  
Relocation for Functional Mitral Valve Regurgitation**  
Giampiero Esposito

9.30AM - 9.45 AM

**Long term experience with Bovine Pericardial Tissue Valves**  
Sampat Kumar

9.45 AM – 10.00 AM

**Discussion**

<b>10:00AM – 10.30 AM</b>	<b>Coffee Break</b>
10.30 AM -10.40AM	<b><i>Featured Lecture</i></b> – to be introduced by V A Subramanian
10.40 AM – 11.00AM	<b>Hemodynamics and Mechanism of Surgical Repair of Mitral Valve – A Biomedical Engineering Perspective</b> Murlidhar Padala
<b>11:00 AM – 12:00 Noon</b>	<b><u><i>Percutaneous Mitral Valve Repair</i></u></b> <b>Moderators:</b> Lishan Aklog, Balram Bhargav, KB Joshi <b>Panelists:</b> BN Das, Balram Airen, BK Goel
11:00 AM – 11:15 AM	<b>Current Status of Transcatheter Mitral Valve Therapies: Progress or Impasse?</b> Lishan Aklog
11:15 AM – 11:30 AM	<b>Newer Concepts on Percutaneous Mitral Valve Repair</b> V A Subramanian
11:30 AM – 11.35 AM	<b><i>Featured Lecture</i></b> – To be Introduced by VA Subramanian
11:35 AM – 11.55 AM	<b>"From Endoscopic to Interventional Mitral Valve Repair - A Surgeons Perspective"</b> Herman Reichenspurner
11.55 AM – 12:00 Noon	<b>Discussion</b>
12:00 PM – 12.05 PM	<b><i>Featured Lecture</i></b> – To Be Introduced By G Fontana
12:05 PM – 12.25 PM	<b>“Science and Skills”: The Preferred Marriage in Cardiothoracic Surgery</b> Paul Grundemann
12.25 PM – 12:30 PM	<b>Discussion</b>
12:30 PM – 12.45 PM	<b>SPY Intra-operative imaging: improving outcomes and reducing costs</b>

Alan Menkis

**1.00 PM - 2.00 PM**

**Lunch**

**2.00 PM – 3:00 PM**

***Atrial Fibrillation: Settling the Unsettled Rhythm***

**Moderators:**Ralph Damiano, Gerhard Wimmer-Greinecker

**Panelists :** K K Talwar, Rajneesh Sardana, Kartikeya Bhargav

2.00 PM – 2.15 PM

**Rate vs Rhythm : Is it still a contentious issue ?**

K K Talwar

2.15 PM – 2:30 PM

**Totally Endoscopic Ex-Maze Procedure**

Gerhard Wimmer-Greinecker

2:30 PM – 2:45 PM

**Minimally Invasive Bilateral Pulmonary Vein Isolation  
for Atrial Fibrillation: Controversies and Perspective**

Jian Meng

2:45 PM – 3:00 PM

**Catheter is Mightier than the Scalpel in AF: Cardiologist's  
Perspective of catheter ablation**

Razali Omar

**3.00 PM -4.15 PM**

***Aortic Valve Repair and Aortic Surgery***

**Moderators:** Konstadinos Plestis, Anil Bhan

**Panelists:** Tohru Asai , Raja Babu, Adarsh Kumar

3.00 PM - 3.15PM

**Aortic Valve Sparing and Aortic Valve Repair Surgery  
In The 21<sup>st</sup> Century “Live On Tape” Presentation –**

Konstadinos Plestis

3.15 PM -3.30 PM

**Minimally Invasive Techniques for AVR**

Oztekin Oto

3.30 PM – 3.45 PM

**Aortic Surgery: Improved Outcomes With  
Technical Modifications For Intra-Operative Cerebral  
Protection**

Konstadinos Plestis

3.45 PM- 4.00 PM

**Hybrid approach to aortic aneurysms and type A aortic  
dissections**

Stephen Wildhirt

4.00 PM – 4.20 PM	<b>Discussion</b>
<b>4.20 PM -4.45 PM</b>	<b>Coffee Break</b>
<b>4.45 PM – 6.15 PM</b>	<b><u>Coronary Artery Disease: Changing Times</u></b> <b>Moderators:</b> John Puskas, Anno Diegler <b>Panelists:</b> Kit Arom, J P S Sawhney, S Bazaz, R K Madhok
4.45 PM -5.00 PM	<b>Biomarkers in acute cardiac care-present use &amp; future opportunities</b> Alan Maisel
5.00 PM – 5.15 PM	<b>CABG: Its Time to Change</b> Massimo Lemma
5.15 PM – 5.30 PM	<b>Awake Cardiac Surgery – On Pump and Off Pump</b> Vivek Jawali
5.30 PM – 5.45 PM	<b>Anastomotic Connectors: Fact or Fantasy</b> Hagen Gorki
5.45 PM – 6.00 PM	<b>How I Do It? – Live on Tape (Video Session) MICS CABG – Sternal Sparing, Beating Heart, Multivessel CABG: An Evolved Approach</b> Mahesh Ramchandani
6.00 PM – 6.15 PM	<b>How I Do It? – Live on Tape (Video Session) Sternal Sparing – Abdominal OPCAB</b> V A Subramanian
6.15 PM – 6.30 PM	<b>Rapid Fire Session of New Technologies in CABG</b> V A Subramanian
6.30 PM – 6.45 PM	<b>Discussion</b>

## HALL B

**2.00-6.00 PM BREAKOUT SESSION – I - INTERVENTIONAL CARDIOLOGY**  
**Program Director : Dr. Rajneesh Kapoor**

### **Acute MI & Newer Methodologies in Intervention**

**2.00 PM– 3.30 PM**     **Newer Methodologies**

**Chairpersons :** Satyawan Sharma, R R Mantri  
**Panelist :** Deepak Kapila, Rishi Gupta, Atul Kasliwal,  
Rajeev Rajput

- 2.00 PM – 2.15 PM **Drug Eluting Balloons: Is it an effective option?**  
R K Premchand
- 2.15 PM – 2.30 PM **Bioabsorbable Stents: Are we close to reality?**  
Atul Mathur
- 2.30 PM– 2.45 PM **Dedicated Bifurcation Stent : will it be a reality ever ?**  
Sameer Dani
- 2.45 PM – 3.00 PM **Stenting of unprotected left main CAD: is it here to stay?**  
Raj Makkar
- 3.00 PM - 3.15 PM **Discussion**
- 3.15 PM – 3.30 PM Coffee Break**
- 3.30 PM – 5.30 PM Acute MI Management**  
**Chairpersons:** Vidyut Jain, Manmohan Singh  
**Panelist:** N. Chandra, Sudipta Acharya, Aman Salwan,  
Vineet Malik
- 3.30 PM – 3.45 PM **Post CABG Acute MI – How to handle Primary PCI for SVG occlusion?**  
MS Hiremath
- 3.45 PM - 4.00 PM **BMS or DES in Primary PCI – has the issue finally settled?**  
Rajesh Mohan
- 4.00 PM – 4.15 PM **Primary PCI with Bivalirudin– Any Reservations after Horizons AMI**  
Madhukar Shahi
- 4.15 PM – 5.15 PM **Debate: All occluded Infarct related arteries should be opened even after a window period**  
Antagonist: R Kapoor  
Protagonist: Anil Kumar
- 5.15 PM – 5.30 PM **Discussion**
- 5.30 PM – 6.30 PM Nightmares in Cath Lab!**  
*Interactive Case Presentation*

**Chairpersons:** MS Hiremath, Sameer Dani  
**Panelists :** Vikas Chopra, Suvir Gupta, Sanjeev Sharma  
CD 1  
CD 2  
CD 3  
CD 4  
CD 5  
CD 6  
CD 7  
CD 8  
CD 9  
CD 10

## HALL C

### **2.00 – 6.00 PM BREAKOUT SESSION: II FREE-PAPER PRESENTATION**

#### **2.00 p.m. – 3.40 pm Session I – ORAL PRESENTATIONS**

**Moderators:** John Puskas , Massimo Lemma, V K Chopra, Rakesh Verma

2.00 PM – 2.10 PM **AB001 TEE Recognition of Anomalous Origin of Circumflex Artery from RCA**

Rajni Singh  
*Fellow, Dept of Anesthesiology and Critical Care, Heartcenter , Leipzig, Germany*

2.10 PM – 2.20 PM **AB002 Is Multi Slice CT Angiography Adequate as the Sole Diagnostic Criteria to Proceed for CABG ?**

Harinder Singh Bedi  
*Head, Department of Cardio Vascular & Thoracic Surgery  
Christian Medical College & Hospital, Brown Road,  
Ludhiana , Punjab, India*

2.20 PM – 2.30 PM **AB003 Robotically assisted off-pump CABG; A new method of harvesting the internal thoracic artery**

Munehisa Takata, Go Watanabe, Yoshitaka Yamamoto,  
Chikako Ikeda, Yujiro Kikuchi, Teruaki Ushijima,  
Norihiko Ishikawa  
*Division of Cardiac Surgery, Tokyo Medical University,  
Tokyo, Japan*

2.30 PM – 2.40 PM **AB004 Late outcome of bilateral ITA grafting for patients with acute MI**

B. Medalion<sup>2</sup>, G. Uretzky<sup>1</sup>, A. Mohr<sup>1</sup>, D. Pevni<sup>1</sup>, J. Atlan<sup>1</sup>,  
N. Neshet<sup>1</sup>, I. Shapira<sup>1</sup>, R. Mohr<sup>1</sup>  
*Departments of Cardiothoracic Surgery, <sup>1</sup>Tel Aviv  
Sourasky Medical Center<sup>1</sup>, Rabin Medical  
Center<sup>2</sup>, Petah Tikva, Sackler Faculty of Medicine,  
University of Tel Aviv, Tel Aviv, Israel*

2.40 PM – 2.50 PM **AB005 Coronary Endarterectomy Revisited :Three Decades  
Experience of Over 2000 Patients with Adjuvant  
Procedures for Diffuse Coronary Artery Disease.**

P Vaijyanath, MN Sankar, R Agarwal, S Abraham,  
S Sylvester, V Kirthivasan, KM Cherian  
*Frontier Lifeline Dr K M Cherian Heart Foundation, India*

2.50 PM – 3.00 PM **AB006 Endoscopic Vein Harvesting vs Conventional  
Vein Harvesting- A Comprehensive analysis**

Ramakrishnan Karthik Vaidyanathan  
*Frontier Lifeline Dr K M Cherian Heart Foundation,India*

3.00 PM – 3.10 PM **AB007 Is bilateral internal thoracic artery grafting contraindicated  
in patients with severe left ventricular dysfunction**

D. Pevni<sup>1</sup>, G. Uretzky<sup>1</sup>, A. Mohr<sup>1</sup>, B. Medalion<sup>2</sup>, I. Frolkis,  
N. Neshet<sup>1</sup>, A. Kramer<sup>1</sup>, Y. Paz<sup>1</sup>, R. Mohr<sup>1</sup>  
*Departments of Cardiothoracic Surgery, Tel Aviv  
Sourasky Medical Center<sup>1</sup>, and Rabin Medical  
Center<sup>2</sup>, Petah Tikva, Sackler Faculty of Medicine,  
University of Tel Aviv, Israel*

3.10 PM – 3.20 PM **AB008 LV aneurysm repair: Experience in Apollo  
hospitals Dhaka**

Haider Z, Zahangir N M, Ahmed S, Shamsuddin A K,  
Hoque Z K, Dutta P, Attawar Sandeep G  
*Dept. of Cardiovascular and thoracic surgery,  
Apollo hospitals Dhaka, Bangladesh*

3.20 PM – 3.30 PM **AB009 Development and Feasibility Testing of a Novel Low-Cost  
Counterpulsation Device for the Chronic Treatment of  
Heart Failure**

Sanjeev Aggarwal  
*Assistant Professor of Surgery, Associate Director,  
Cardiac Transplantation, University of Louisville School of  
Medicine, University Cardiothoracic Surgical Associates,  
P.S.C., KY*

**3.30 PM – 4.00 PM Coffee Break**

**4.00 PM – 6.00 PM Session II**

**Moderators:** Stephan Schueler, H S Pannu, Pierluca Lombardi,  
A P Jain

4.00 PM – 4.10 PM **AB0010 Awake Anaesthesia for Major Thoracic Surgical**

**Procedures: An Observational Study**

Mohammad Al-Abdullatif, Abdulrazzak Wahood,  
Nehad Al-Shirawi, MRCP(UK), Yaseen Arabi,  
Mohammed Wahba, Mohammed Al-Jumah,  
Saud Al-Sheha, Nizar Yamani  
*Thoracic Surgery, Department of Surgery,  
King Abdulaziz Medical City, Kingdom of Saudi Arabia*

4.10 PM – 4.20 PM **AB0011 Vats Lobectomy in The Octogenarians is a Safe Operation**

Khan AZ, Modi A, Amer K  
*Southampton University , Hospital, U.K.*

4.20 PM – 4.30 PM **AB0012 Video Assisted Thoracoscopic Excision of Thymic / Parathyroid / Mediastinal Tumours and Cysts**

Khan AZ, Mattam K, Amer K  
*Southampton General Hospital, Southampton UK*

4.30 PM – 4.40 PM **AB0013 VATS Decortication and Intrapleural Antibiotic Washout for treatment of Empyema Thoracis"**

Modi A, Khan A, Abeysiri S, Casali G, Amer K  
*Southampton University Hospital, Southampton, UK*

4.40 PM – 4.50 PM **AB0014 Initial experience of totally endoscopic atrial septal defect repair with robotic assistance**

Teruaki Ushijima<sup>1</sup> , Go Watanabe<sup>1,2</sup>, Yro Kikuchi,<sup>1</sup>  
Cikako Ikeda,<sup>1</sup> Munehisa Takata,<sup>1</sup> Yoshitaka Yamamoto<sup>1</sup>  
*Division of Cardiac Surgery, Tokyo Medical University<sup>1</sup>,  
Department of General and Cardiothoracic Surgery,  
Knazawa University Graduate<sup>2</sup> School of Medical Science,  
Ishikawa, , Japan*

4.50 PM – 5.00 PM **AB0015 Intra-right atrium procedures in minimally invasive cardiac surgery via the right mini-thoracotomy using vacuumed venous drainage system with ESTECH femoral two-staged venous cannula**

Takeo Tedoriya, Tadashi Omoto, Noboru Ishikawa,  
Tadamasa Miyauchi, Masaya Oi, Masahiro Ohno  
*Showa University School of Medicine,  
Cardiovascular Surgery, Tokyo, JAPAN*

5.00 PM – 5.10 PM **AB0016 Use of Flouro to Facilitate a Really Minimally Invasive and Safe Open Heart Surgery**

Harinder Singh Bedi, Arun Gupta  
*Department of Cardio Vascular & Thoracic Surgery  
Christian Medical College & Hospital  
Ludhiana , Punjab, India*

5.10 pm – 5.20 pm **AB0017 30 years experience of Septal Myomectomy in Indian Subcontinent**

Vaijyanath P, Madhu Sankar N, Guhathakurta S.



Kirthivasan, Cherian K M  
*Department of Cardiothoracic & Vascular Surgery,  
Cardiac Anaesthesiology#, Cardiovascular Research  
FRONTIER –LIFELINE, Dr K M Cherian Heart  
Foundation, India*

5.20 PM – 5.30 PM **AB0018 Mitral Valve Reconstruction by Chordal transfer in Anterior Leaflet prolapse—Early Experience**

Shamsher Lohchab, Kuldeep Laller, Suresh Singhal,  
Susheela Taxak  
*PGIMS Rohtak, India*

5.30 pm – 5.40 pm **AB0019 Combined Konno-Rastan Aortoventriculoplasty with Nick procedure in Double Valve Replacement of 11 yrs old baby: Apollo Hospitals Dhaka – A Case Report**

N M Zahangir, Z Haider, S Ahmed, A K Shamsuddin,  
K Z Haque, P Dutta, Attawar Sandeep G  
*Department of Cardiothoracic Surgery, Apollo Hospitals Dhaka, Bangladesh*

5.40 PM – 5.50 PM **AB0020 Repair of Complex Supracardiac Total Anomalous Pulmonary Venous Connection – A case report**

Ahmed Sohail, Attawar Sandeep, Dutta Prabhat,  
Haider Zulfiqur, Shamsuddin Abul, Zahangir  
Nuruddin, Saha Sanjay, Islam Saiful,  
Hossain Makbul, Hossain Nazmul,  
Zulkernine, S.M.A  
*Department of Cardiothoracic Surgery,  
Apollo Hospitals, Dhaka, Bangladesh*

5.50 PM – 6.00 PM **AB0021 Journey Through MIDCAB (1997 to 2009) Tyro to Virtuoso (Study of 159 MIDCAB)**

Rajendra Vasaiya  
*Sterling Hospital, Ahmedabad, India*

6.00 PM -6.15 PM **AB0022 Interesting intra operative TEE showing its vital role for monitoring cardiac surgery**

Rajesh Arya, V K Sharma, G S Wander  
*Hero DMC Heart Institute, Ludhiana (INDIA).*

## **POSTER PRESENTATIONS**

**Moderators:** Arom Kit, Vinay Krishna, J L Sahni, V K Sharma

1.00- 2.00 pm **PP001 Geometrical Left Ventricular Reconstruction with Novel Indigenous De-cellularised Bovine Pericardium - Early Experience.**

Vaijyanath P, Madhu Sankar N, Guhathakurta S, Kirthivasan V, Cherian K M  
*Department of Cardiothoracic & Vascular Surgery, Cardiac  
Anaesthesiology, Cardiovascular Research*

FRONTIER –LIFELINE, Dr K M Cherian Heart Foundation,  
India

**PP002 The Sternum Fixation using absorbable Mesh Plates  
After median Sternotomy in Cardiac Surgery**

Hideo Tsunemoto, Katsuaki Tsukioka, Hidemasa Nobara  
*Matsumoto Kyoritsu hospital, Departement of  
Cardiovascular Surgery, Matsumoto city, Japan*

**PP003 Comparison of clinical differences of open versus  
endovascular repair for abdominal aortic aneurysm**

Won-Min Jo<sup>1</sup>, Jae Seung Shin<sup>1</sup>, Dong Hwee Kim<sup>2</sup>,  
Seung Hwa Lee<sup>3</sup>, Hwan-Hoon Chung<sup>3</sup>  
Department of Thoracic and Cardiovascular Surgery<sup>1</sup>,  
Department of Physical Medicine and Rehabilitation<sup>2</sup>,  
Department of Interventional Radiology Ansan Hospital<sup>3</sup>,  
Korea University Medical Center, Korea University, South Korea

**PP004 Novel atrial retractor for totally endoscopic Mitral  
Valve Repair**

Shohjiro Yamaguchi, Norihiko Ishikawa, Noriyoshi Yashiki,  
Hiroki Katoh, Hideki Moriyama, Go Watanabe  
*Department of General and Cardiothoracic Surgery  
Kanazawa University, Ishikawa, JAPAN*

**PP005 Does Ministernotomy improve post operative outcome in  
isolated aortic valve replacement?**

Sandhya Prayaga  
*Golden Jubilee National Hospital, Scotland, UK*

**PP006 Some simple Innovative Techniques to make surgeries  
simpler and safer**

Harinder Singh Bedi  
*Head, Department of Cardio Vascular & Thoracic Surgery  
Christian Medical College & Hospital, Brown Road,  
Ludhiana , Punjab, India*

**PP007 Innovative Hybrid Procedure For Dissection Thoracic Aorta  
In A Patient With A Previous Bentall Procedure**

Harinder Singh Bedi  
*Head, Department of Cardio Vascular & Thoracic Surgery  
Christian Medical College & Hospital, Brown Road,  
Ludhiana , Punjab, India*

**PP008 Cryomaze procedure simultaneously with surgery of  
Rheumatic Mitral Valve Disease for chronic atrial  
Fibrillation**

Shamsher Lohchab, Kuldeep Laller, Suresh Singhal,  
Susheela Taxak  
*PGIMS Rohtak, India*

**PP009 Repair of Truncus arteriosus by using valve conduit  
- Our experience at Apollo Hospitals Dhaka**

Shamsuddin A. K. Zahangir N. M., Haider Zulfiqur,  
Ahmed Sohail, Hoque Kazi Zahidul, Dutta Prabhat,  
Attawar Sandeep G  
*Dept. of Cardio-vascular and thoracic surgery at Apollo hospitals  
Dhaka, Bangladesh*

**PP010 High frequency jet ventilation to identify intersegmental  
border in VATS Segmentectomy**

Makoto Oda, Isao Matsumoto, Masaya Tamura, Yosuke  
Shimizu, Nobuhiro Tanaka, Shintaro Takago, Daisuke Saito,  
Ryuta Seguchi, Norihiko Ishikawa, Go Watanabe  
*Department of General and Cardiothoracic Surgery, Kanazawa  
University, Kanazawa, Japan*

**PP011 Evaluation of silicone-coated robotic-forceps**

Norihiko Ishikawa, Go Watanabe, Shojiro Yamaguchi,  
Noriyoshi Yashiki, Yasumitsu Hirano, Masahiko  
Kawaguchi, Makoto Oda  
*Department of General and Cardiothoracic Surgery,  
Kanazawa University, Japan*

**PP012 MIDCAB –proximal anastomosis(an enigma)-  
coronary web mastering a solution**

Rajendra Vasaiya  
*Sterling Hospital, Ahmedabad, India*

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## ***DAY 2***

***Saturday Dec 12<sup>th</sup>***

### **HALL A**

**8:30 AM – 10:15 AM**

***Heart Failure Management: Drugs, Devices and Despair***

**Moderators:** Arom Kit, Harsh Wardhan

**Panelists:** G S Wander, Vijay Kohli, Anil Saxena

8:30 AM -8:50 AM

**Preventing Heart Failure : Catch them Young**

C Narsimhan

8:50AM – 9:10 AM

**“Plicath Hf”**

**Epicaridal LV Aneurysm Repair Route to  
Transcatheter LV Aneurysm Repair**

Gerhard Wimmer Greinecker

9:10 AM – 9:30 AM

**New Implantable VADs and Cardiac Transplant :**

**Current Status**

Stephan Schueler

9:30AM – 10.00 AM

**Heart Failure Management :**

**Devices for all - Formula for Bankruptcy**

Antagonist: Amit Vora

Protagonist: Balbir Singh

10.00-10.15 AM

**Panel Discussion**

**10:15 AM – 10:30 AM**

**Coffee Break**

**10:30 AM – 11:30 PM**

***Stem Cell Therapy for Heart Failure***

**Moderators:** Jan F Gummert, Vidyut Jain

**Panelists:** Jeannie M. Fontana, S K Kaushik, R K Madhok

- 10:30 AM – 10:45AM      **Stem cell therapy for Heart Disease  
-Is it myogenesis,angiogenesis or beyond**  
Amit Patel
- 10:45AM – 11.00 AM      **Angiogenic Peripheral Blood Cell Precursors  
for End StageHeart Failure**  
Kit Arom
- 11.00AM -11:15 AM      **Stem Cell Therapy Combined With TMR  
in diffuse coronary artery disease**  
Naresh Trehan
- 11.15AM- 11.30 AM      **Pitfalls of Cellular therapy**  
Sanjay Mittal
- 11.30AM -12.30 PM**      **Different Strokes**  
**Moderators:** Anil Bhan, Tohru Asai
- Panelist:** Jacob Jose, K K Kapoor, Vipul Roy
- 11:30 AM – 11.50 AM      **Beyond Cosmesis: The Role of Minimally Invasive  
Techniques in Congenital Cardiac Surgery**  
Jeff L. Myers
- 11.50AM – 12:10 PM      **Endoscopic Visualisation in Cardiac Surgery  
- From Vein Harvesting to Endocardial Procedures**  
Pierluca Lombardi
- 12.10 PM -12.30 PM      **Can we do comparative effectiveness research on  
surgical procedures and preserve surgical innovation?**  
Rob Califf
- 12:30 PM – 1.00PM**      **Presidential Address**  
**Humanism and Romanticism in Cardiovascular Surgery  
is Still the Frame Work for Survival**  
Anno Dieglier
- 1:00 PM – 2:00 PM**      **Lunch**
- 2:00 PM – 3:30 PM**      **High Risk Aortic Stenosis: Let's Face the Challenge**  
**Moderators:** Gerhard Wimmer Greinecker,  
Thierry Folliguet
- Panelists:** Gregory Fontana, Rakesh Verma, RPS  
Bhardwaj, Anil Dhal

- 2:00 PM – 2:20PM **Difficult Decisions in Aortic Stenosis:  
Risk Stratification and Timing of Intervention**  
Sudhir Wahi
- 2:20 PM – 2: 40 PM **Upper Ministernotomy for AVR**  
Gerhard Wimmer Greinecker
- 2:40 PM – 3.00 PM **Off-pump Aortic Valve Bypass for High Risk  
Aortic Valve Stenosis**  
V A Subramanian
- 3.00 PM – 3:20 PM **High Risk Reop AVR – Mini Reop AVR/Hybrid**  
Gregory Fontana
- 3:20 PM – 3:40 PM **The “Perceval” Valve**  
Thierry Folliguet
- 3:40 PM – 4.00 PM **Discussion**
- 4:00 PM – 4:30 PM** **Coffee Break**
- 4:30 PM – 6:30 PM** **Percutaneous Aortic Valve**  
**Moderators:** Gregory Fontana, Patrick Perier  
**Panelists:** Patrick Nataf, Satyavan Sharma, N N Khanna  
R K Madhok
- 4:30 PM – 4:45 PM **Transfemoral and Trans Subclavian Percutaneous  
Valves (Sapien Edwards and Core Valve)  
Current Status And Future Directions**  
Raj Makkar
- 4:45 PM – 5:00 PM **The Edwards SAPIEN Valve: North American  
and European experience**  
Gregory Fontana
- 5:00 PM – 5:15 PM **Direct Flow Aortic Valve**  
Herman Reichensperner
- 5:15 PM – 5:30 PM **Cardiac Imaging And Anesthetic  
Challenges For Transcatheter Valve Procedure**  
Chirojit Mukherjee
- 5:30 PM – 5:45 PM **Complications and Transfemoral & Trans-subclavian  
Percutaneous Valve Implantations**

Gerhard Schuler

5.45 PM – 6.00 PM

**Current status of transapical transcatheter aortic valve  
implantation**

Anno Dieglier

6.00 PM – 6:30 PM

**Aortic Valve Replacement in 2020  
– Who Will Eat the Pie? Minimally Invasive Heart  
Surgery or Maximally Invasive Intervention?**

Gerhard Schuler

Patrick Nataf

## **HALL B**

- 2.00-6.00 PM      BREAKOUT SESSION I: CARDIAC ANESTHESIA**
- 2.00 – 2.45 PM      Clinical Controversies & Management recommendations(Pro/Con)**  
**Moderators :** Yatin Mehta / Bishnu Panigrahi
- 2.00 – 2.15 PM      Fast tracking :Extubation on table is ideal**  
Pro : Mukul Kapoor    Con : K Bhaskaran
- 2.15 – 2.30 PM      Thoracic Epidural : Is a must in my OR**  
Pro : Murlu Chakravarthy    Con : Thomas Koshy
- 2.30 – 2.45 PM      Is the PAC passé: Exposing the data for continued (mis)use**  
Pro : Poonam Malhotra    Con : Ravinder Sawhney
- 2.45 – 3.45 PM      Current Controversies in Critical Care**  
**Moderators:** R K Mani / Alka Mandke
- 2.45 – 3.00 PM      Surviving Sepsis 2008 Guidelines**  
Rajesh Chawla
- 3.00 – 3.15 PM      Newer Antibiotics – Update**  
Deepak Govil
- 3.15 – 3.30 PM      Transesophageal Echocardiography – Is it Useful in the ICU?**  
Deepak Tempe
- 3.30 – 3.45 PM      Discussion**
- 3.45 – 4.00 PM      Coffee Break**
- 4.00 - 5.15 PM      New Horizons**  
**Moderators :** P S N Raju / Rajeev Juneja
- 4.00 – 4.15 PM      Stem Cell Therapy for Cardiac Diseases**  
Amit Patel
- 4.15 – 4.30 PM      Critical Issues in Cardiac Critical Care**  
Yatin Mehta
- 4.30-4.45 PM      Anesthetic Challenges for Transcatheter Valve Procedure**  
Chirojit Mukherjee



**4.45 – 5.00 PM Percutaneous Left Ventricular Assist Devices**  
Kanchi Muralidhar

**5.00 – 6.00 PM Medically Challenging Case Scenarios**

**Moderator:** Mahesh Vakamudi

**Panel :** Manju Butani, Naman Shastri, Sameer Girotra  
Praveen Saxena, Rajesh Chand, Prabhat Tewari

**5.00 – 5.20 PM Pregnancy**

**5.20 – 5.40 PM HIT**

**5.40 – 6.00 PM CHD in Adult**

## HALL C

### 2.00-6.00 PM BREAKOUT SESSION II: ECHOCARDIOGRAPHY WORKSHOP

- 2.00 PM – 3.20 PM**      **Challenges in Clinical practice: Echo to the fore!**  
(Interactive Case-Based Discussion)  
**Chairpersons:** R R Kasliwal, K K Kapoor, S K Kaushik  
**Panelists:** Sudhir Wahi, JC Mohan, Vidyut Jain
- **Challenging cases from round the world: To be presented by the faculty**
- 3.20 PM – 4.30 PM**      **Power of Echocardiography- From Detection of Endothelial Dysfunction to Diagnosis of Obstructive CAD**  
**Chairpersons:** Amal K Banerjee, H K Chopra, S C Manchanda
- 3.20 PM – 3.40 PM**      **Endothelial function assessment: How relevant?**  
R R Kasliwal
- 3.40 PM – 4.00 PM**      **Left atrial volume estimation: The HbA1C of echocardiography!**  
J C Mohan
- 4.00 PM – 4.20 PM**      **Exercise stress echocardiography: Status 2010**  
Digambar Naik
- 4.20 PM – 4.30 PM**      **Discussion**
- 4.30 – 5.00 PM**      **Coffee Break**
- 5.00 PM - 6.30 PM**      **Advances in Echocardiography: A Practical Guide to Clinical Applications**  
**Chairpersons:** Vidyut Jain, S K Kaushik
- 5.00 PM – 5.20 PM**      **Live 3D Echocardiography**  
Rahul Mehrotra
- 5.20 PM – 5.40 PM**      **Strain and Speckle Tracking**  
Manish Bansal
- 5.40 PM – 6.00 PM**      **Echocardiographic Assessment of Myocardial Dyssynchrony**  
Vinayak Agarwal

**6.00 PM- 6.20 PM**

**Contrast Echocardiography**  
Divya Malhotra

**6.20 PM – 6.30 PM**

**Discussion**

**7.00 PM onwards**

**Gala Dinner**

**DAY 3**

**HALL A**

***Sunday Dec 13<sup>th</sup>***

9:00 AM – 9:30 AM

***Key Note Address: Speaker to be introduced by Dr. N. Trehan***  
**The Future of Cardiothoracic Surgery – “The Singularity is Near”**  
Randall Wolf

**9.30AM - 10.45 AM**

**Face of CAD in 2020: Management of Multivessel Coronary Artery Disease**

**Moderators:** Naresh Trehan, Amal K Banerjee,  
**Panelists:** K S Yadav, H K Chopra, C P Shrivastava, Sameer Dani

9.30 AM -9.45 AM

**Medical Therapy: Do You Have the COURAGE?**  
R R Kasliwal

9.45 AM- 10.00 AM

**Percutaneous Interventions: The SYNTAX Error?**  
Satyavan Sharma

10.00AM - 10.15 AM

**Surgery for Most: Cut Above the Rest**  
John Puskas

10.15AM -10.30AM

**Polypill – Is It an oversimplification?**  
Protagonist : Alben Sigamani

10.30AM -10.45AM

**Discussion**

**10.45AM -11.00 AM**

**Coffee Break**

**11.00 AM- 12.00 Noon**

**Robotic Surgery**

**Moderators:** Randall Wolf, Rajneesh Malhotra

**Panelists:** H S Bedi, Jean-Luc Jansens, C S Galundia

11.00 AM– 11.15 AM

**Robotic Mitral Valve Repair – Current Status**  
Pierre Didier De Canniere

11.15 AM -11.30 AM	<b>Robotics in Thoracic Surgery: Current Status and Future Prospects</b> Kemp Kernstine
11.30 AM- 11.45 AM	<b>Awake CABG &amp; Robotic Cardiac Surgery</b> Go Watanabe
11.45 AM- 12.00 Noon	<b>Discussion</b>
<b>12.00 Noon – 1.30 PM</b>	<b><i><u>Journey Together: Lessons Learnt from Other Specialties</u></i></b> <b>Moderators:</b> Kemp Kernstine, Marco Zenati, Ajay Jha, Ashok Rajgopal, Randhir Sood, Vijay Kher, Rajesh Ahlawat
12.00 Noon -12.15 PM	<b>New Approaches in Minimally Invasive Valve Surgery</b> Alexander R. Marmureanu
12.15 PM -12.30 PM	<b>Development of innovative technologies for minimally invasive congenital heart surgery</b> Sitaram M. Emani
12:30 AM – 12:45 PM	<b>Evolving Endoscopic Therapies for Treatment of Early Esophageal Neoplasia</b> Thomas J Watson
12:45 PM – 1.00 PM	<b>Advancements in Minimally Invasive Urology</b> Rajiv Yadav
1.00PM – 1.15PM	<b>VATS: A Journey from Maximally Invasive to Micro Invasive</b> Ali Zamir Khan
1.15 PM – 1.20 PM	<b>Vote of Thanks</b> Naresh Trehan

## **Lunch and Adjourn**