ISMICS 2009 WINTER WORKSHOP
11th – 13th December, 2009
Medanta-The MedCity, Delhi (NCR), India
Scientific Program

Day 1

Friday Dec 11th

7:30 Onwards  Registration
               HALL A

8:00 AM  Welcome address
         Naresh Trehan
         Chairman, Medanta-The Medcity

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
10:00AM – 10.30 AM  Coffee Break

10.30 AM-10.40AM  Featured Lecture – to be introduced by V A Subramanian

10.40 AM – 11.00AM  Hemodynamics and Mechanism of Surgical Repair of Mitral Valve – A Biomedical Engineering Perspective
                     Murlidhar Padala

11:00 AM – 12:00 Noon  Percutaneous Mitral Valve Repair
                     Moderators: Lishan Aklog, Balram Bhargav, KB Joshi
                     Panelists: BN Das, Balram Airen, BK Goel

11:00 AM – 11:15 AM  Current Status of Transcatheter Mitral Valve Therapies: Progress or Impasse?
                     Lishan Aklog

11:15 AM – 11:30 AM  Newer Concepts on Percutaneous Mitral Valve Repair
                     V A Subramanian

11:30 AM – 11.35 AM  Featured Lecture – To be Introduced by VA Subramanian

11:35 AM – 11.55 AM  "From Endoscopic to Interventional Mitral Valve Repair
                     - A Surgeons Perspective"
                     Herman Reichenspurner

11.55 AM – 12:00 Noon  Discussion

12:00 PM – 12:05 PM  Featured Lecture – To Be Introduced By G Fontana

12:05 PM – 12.25 PM  “Science and Skills”: The Preferred Marriage in Cardiothoracic Surgery
                     Paul Grundemann

12.25 PM – 12:30 PM  Discussion

12:30 PM – 12.45 PM  SPY Intra-operative imaging: improving outcomes and reducing costs
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 21st 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
Discussion

Coffee Break

Coronary Artery Disease: Changing Times
Moderators: John Puskas, Anno Diegler
Panelists: Kit Arom, J P S Sawhney, S Bazaz, R K Madhok

Biomarkers in acute cardiac care-present use & future opportunities
Alan Maisel

CABG: Its Time to Change
Massimo Lemma

Awake Cardiac Surgery – On Pump and Off Pump
Vivek Jawali

Anastomotic Connectors: Fact or Fantasy
Hagen Gorki

How I Do It? – Live on Tape (Video Session) MICS
CABG – Sternal Sparing, Beating Heart, Multivessel
CABG: An Evolved Approach
Mahesh Ramchandani

How I Do It? – Live on Tape (Video Session) Sternal Sparing – Abdominal OPCAB
V A Subramanian

Rapid Fire Session of New Technologies in CABG
V A Subramanian

Discussion

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
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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 Robotic ally 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
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. Pevni¹, G. Uretzky¹, A. Mohr¹, B. Medalion², I. Frolkis, N. Neshner¹, A. Kramer¹, Y. Paz¹, R. Mohr¹

*Departments of Cardiothoracic Surgery, Tel Aviv Sourasky Medical Center¹, and Rabin Medical Center², Petah Tikva, Sackler Faculty of Medicine, University of Tel Aviv, Tel Aviv, Israel*

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


*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-Abdullatief, 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"
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 Ushijima¹, Go Watanabe¹,², Yro Kikuchi,¹
Cikako Ikeda,¹ Munehisa Takata,¹ Yoshitaka Yamamoto¹
Division of Cardiac Surgery, Tokyo Medical University¹, Department of General and Cardiothoracic Surgery, Kanazawa University Graduate 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.
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
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
PP002 The Sternum Fixation using absorbable Mesh Plates After median Sternotomy in Cardiac Surgery
Hideo Tsunemoto, Katsuaki Tsukioka, Hidenasa Nobara
Matsumoto Kyoritsu hospital, Department of Cardiovascular Surgery, Matsumoto city, Japan

PP003 Comparison of clinical differences of open versus endovascular repair for abdominal aortic aneurysm
Won-Min Jo¹, Jae Seung Shin¹, Dong Hwee Kim²,
Seung Hwa Lee³, Hwan-Hoon Chung³
Department of Thoracic and Cardiovascular Surgery¹
Department of Physical Medicine and Rehabilitation²,
Department of Interventional Radiology Ansan Hospital³,
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 Cardiovascular & 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 Cardiovascular & 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
Shamsheer 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
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 anostomosis(an enigma)-coronary web mastering a solution
Rajendra Vasaiya
Sterling Hospital, Ahmedabad, India
DAY 2

Saturday Dec 12th

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”
Epicardial LVAneurysm Repair Route to Transcatheter LVAneurysm 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 Bankrupcy
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 – 10:45 AM
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 Stage Heart 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 Reichenspurner

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 transeatheter 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: Murli 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
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 13th**

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