

HALL A

07.00 - 07.30 Hrs

MEET THE EXPERTS

K.S.Iyer - Anomalous Pulmonary Venous Connection -Do's & Don't's

07.30 - 08.00 Hrs

MEET THE EXPERTS

Manoj Pradhan - Role of Energy in Cardiac Surgery

08.00 - 09.30 Hrs

SESSION 23 - FREE PAPERS - ADULT CARDIAC SURGERY

MODERATORS

Dharmarakshak Ayapati, G N Lone, Ehtesham Hussain Naqvi, Prateek Bhatnagar

- 1 Berlin heart support during infancy: the melbourne experience
Johann Brink 6 + 2
- 2 Total arterial multi vessels minimal invasive direct cabg (midcabg) through left minithoracotomy
Kaushal K Tiwari 6 + 2
- 3 Comparison of del nido cardioplegia and st. Thomas solution- a retrospective study
Krishna S 6 + 2
- 4 To evaluate the clinical & echocardiographic outcomes in patients with moderate to severe ischemic mitral regurgitation undergoing coronary artery bypass graft surgery (CABG) with mitral valve repair with posterior annular band annuloplasty
Vikram Pal Singh 6 + 2
- 5 Rescue balloon aortic valvuloplasty followed by transcatheter aortic valve implantation for low ejection fraction low-gradient severe aortic stenosis with preexisting mitral prosthesis
Yoshihito Irie 6 + 2
- 6 Study on perioperative heparin resistance in CABG patients - single center experience
Manoop B 6 + 2
- 7 Mitral valve replacement for chronic mitral regurgitation leads to left ventricular reverse remodelling postoperatively
Mosin Mushtaq 6 + 2
- 8 Experience of first 126 cases with minimally invasive cardiac surgery
Nitin Kumar Rajput 6 + 2
- 9 Juxta renal aortic occlusion with critical limb ischemia [JRAO] - role of extra anatomical bypass
PR Murugesan 6 + 2
- 10 Bilateral video assisted thoracoscopic sympathectomy for malignant arrhythmias
Rakesh Naik 6 + 2
- 11 Moving towards delayed surgical correction using right ventriculotomy in post myocardial infarction (MI) ,ventricular septal rupture (VSR)
Ramsankar Padmanabhan 6 + 2

09.30 - 11.00 Hrs

SESSION 27 - AORTIC SURGERY

MODERATORS

Yukata Okita, Yuichi Ueda, Seetharam Bhat, Subodh Satyarthi

- 1 Type A Aortic Dissection - What is optimal strategy?
Vijayashankar C S 12 + 3

- | | | |
|---|---|--------|
| 2 | Total Aortic Arch Replacement - Current Status
<i>Yukata Okita</i> | 12 + 3 |
| 3 | Chronic Type B Dissection - Endovascular or Open Repair
<i>Shiv K Choudhary</i> | 12 + 3 |
| 4 | Cerebral Protection Strategies in Thoracic Aortic Surgery
<i>Yuichi Ueda</i> | 12 + 3 |
| 5 | Spinal, Renal & Visceral protection in Thoraco Abdominal Aortic Surgery
<i>Chandrasekhar P</i> | 12 + 3 |
| 6 | Surgical Management of Dilated Aortic Root
<i>Shinichi Takamoto</i> | 12 + 3 |

11.00 - 12.30 Hrs

SESSION 31 - MINIMALLY INVASIVE CARDIAC SURGERY**MODERATORS***Frank Van Praet, Olivier Jegaden, Suresh Joshi, Sushan Mukhopadhyay*

- | | | |
|---|---|--------|
| 1 | Cannulation and CPB techniques in MICS
<i>Frank Van Praet</i> | 12 + 3 |
| 2 | Minimally Invasive Endoscopic Valvular Cardiac Surgery
<i>Oliver Jegaden</i> | 12 + 3 |
| 3 | Totally Endoscopic Coronary Bypass Grafting
<i>John Puskas</i> | 12 + 3 |
| 4 | Minimally Invasive Bypass Surgery with Bilateral Internal-mammary Arteries
<i>Piroze Davierwala</i> | 12 + 3 |
| 5 | Mini Thoracotomy CABG is a feasible and safe option
<i>Sathyaki Nambala</i> | 12 + 3 |
| 6 | Minimally Invasive Hybrid Coronary Revascularisation in Multivessel Coronary Artery Disease
<i>M M Yusuf</i> | 12 + 3 |

12.30 - 13.30 Hrs

LUNCH SYMPOSIUM - TERUMO

13.30 - 15.00 Hrs

SESSION 36 - MITRAL VALVE DISEASE III**MODERATORS***Piroze Davierwala, CP Srivastava, Nandakumar V, Raj Kumar Yadav*

- | | | |
|---|--|--------|
| 1 | Grading of TR - Why so Difficulty to Assess ?
<i>Chandrasekaran K</i> | 12 + 3 |
| 2 | Mitral Valve Anatomy for the Surgeon
<i>Lalit Kapoor</i> | 12 + 3 |
| 3 | Planning for Future Mitral Valve Reoperations - Choosing the Present
<i>Piroze Davierwala</i> | 12 + 3 |
| 4 | Risk Factors for Reoperation after Rheumatic Valve Repair
<i>Devagouru V</i> | 12 + 3 |
| 5 | Treatment Options for Atrial Fibrillation in Mitral Valve Disease
<i>Marc Moon</i> | 12 + 3 |

15.00 - 16.30 Hrs

SESSION 40 - MINIMALLY INVASIVE CARDIAC SURGERY II**MODERATORS***Ilhan Mavioglu, Ranjit Deshpande, Ganesh Iyer, Thiyagarajamurthy*

- | | | |
|---|--|--------|
| 1 | Minimally Invasive Mitral Valve Surgery
<i>T.K. Jayakumar</i> | 10 + 2 |
|---|--|--------|

- | | | |
|---|---|--------|
| 2 | Redo or Re-Redo No clamp / beating heart Minimally Invasive mitral & tricuspid valve surgery
<i>Ranjit Deshpande</i> | 10 + 2 |
| 3 | Tool Kit for Minimally Invasive Cardiac Surgery
<i>Shantanu Pande</i> | 10 + 2 |
| 4 | Mid- CAB Total Arterial Revascularization
<i>Ilhan Mavioglu</i> | 10 + 2 |
| 5 | Pitfalls in MICS
<i>Catherine Sudarshan</i> | 10 + 2 |
| 6 | 19 years experience with Robotically enhanced MIDCAB
<i>Frank Van Praet</i> | 10 + 2 |

16.30 - 18.00 Hrs

SESSION 44 - AORTIC VALVE**MODERATORS***Vipin Zamvar, Hans-Joachim Schäfers, Zainulabudin Hamdulay, Ajeet Bana*

- | | | |
|---|---|--------|
| 1 | Are All Aortic Regurgitation Repairable? Current Status
<i>Hans-Joachim Schäfers</i> | 15 + 2 |
| 2 | TAVR - Role in different Risk Groups
<i>Pasala Ravichandran</i> | 10 + 2 |
| 3 | Surgical AVR - Better for Intermediate and Low Risk Patients
<i>Kunal Sarkar</i> | 10 + 2 |
| 4 | Patient Prosthesis Mismatch - Enlarging the small Aortic Root
<i>Indu Deglurkar</i> | 10 + 2 |
| 5 | Is there a prosthesis which prevent PPM - Evaluation and management
<i>Rajneesh Malhotra</i> | 10 + 2 |
| 6 | Aortic Stenosis with Severe LV Dysfunction: What is the Best Option?
<i>Vipin Zamvar</i> | 10 + 2 |
| 7 | TAVI - A Cardiologist's perspective
<i>Sengottuvelu</i> | 10 + 2 |

HALL B

08.00 - 09.30 Hrs

SESSION 24 - FREE PAPERS - ADULT CARDIAC SURGERY**MODERATORS***Dhaval Naik, Deepak Kumar Satsangi, Sukesh Kumar Reddy, Sushil Kumar Singh*

- | | | |
|---|--|-------|
| 1 | Outcome of rescue ecmo support during catheter ablation of ventricular tachycardia
<i>Sanjay Kumar</i> | 6 + 2 |
| 2 | Comparative evaluation of bita grafting in acute mi vs stable angina patients -- a single surgeon experience
<i>Sarju Ralhan</i> | 6 + 2 |
| 3 | Carotid body tumors: clinical profile, surgical outcome and complications
<i>Syed Abdul Wahid</i> | 6 + 2 |
| 4 | Retrograde popliteal approach for endovascular revascularization of flush sfa cto
<i>Amit Singh</i> | 6 + 2 |
| 5 | Challenges and solutions in establishing a new cardiac surgical unit.
<i>Ashish Dolas</i> | 6 + 2 |
| 6 | Aortic surgery in octogenarian population – a single centre experience
<i>Sajiram Sarvananthan</i> | 6 + 2 |
| 7 | Effect of short term use of methylprednisolone on early outcome after off-pump coronary artery bypass grafting
<i>Mohammad Samir Azam Sunny</i> | 6 + 2 |

- 8 Totally endoscopic non robotic minimally invasive mitral valve surgery-our experience
Rakesh Naik 6 + 2
- 9 Bi ventricular mechanical circulatory support in pediatric heart failure, a single centre experience
Pradeep 6 + 2
- 10 Trend of isolated cabg in japan from 2013 through 2014: data analysis from the japan cardiovascular surgery database
Aya Saito 6 + 2
- 11 Assessment of a re-engineered 3-d printable poppet heart valve for the developing world
Francis E Smit 6 + 2

09.30 - 11.00 Hrs

SESSION 28 - MITRAL VALVE DISEASE I**MODERATORS***Patrick Perier, Song Wan, Jagdish Khandeparkar, Vijay Kumar Gupta*

- 1 Functional Mitral Valve Regurgitation - Time to rethink
Song Wan 12 + 3
- 2 Lesion specific mitral valve repair - Analysis to Reconstruction
Patrick Perier 12 + 3
- 3 Butterfly Technique in Mitral Valve Repair
Tohru Asai 12 + 3
- 4 Transapical offpump Neo-Chord Implantation in Mitral Regurgitation -A German centre experience
Mahesh G.M. 12 + 3
- 5 Are Prosthetic Valve Replacement Guidelines applicable in India?
Vijit Cherian 12 + 3
- 6 Recurrent Mitral Regurgitation - When and What to do?
Patrick Perier 12 + 3

11.00 - 12.00 Hrs

SESSION 32 - MITRAL VALVE DISEASE II**MODERATORS***Prasad Krishnan, Zohair Al Halees, Rajendra Mathur, SK Agarwal*

- 1 Issues with Mitral Valve in HOCM
Prasad Krishnan 10 + 2
- 2 Rheumatic Heart Disease in Young Patients - Surgical Options
Zohair Al Halees 10 + 2
- 3 Do complex lesions effect outcome of Mitral Valve Repair?
Rui Almeida 10 + 2
- 4 Mitral Valve Repair - The Dubai Technique
Faouzi Safadi 10 + 2
- 5 Techniques of total chordal preservation in mitral valve replacement
Bhagwan Koirala 10 + 2

12.30 - 13.30 Hrs

LUNCH SYMPOSIUM - EDWARDS

13.30 - 15.00 Hrs

SESSION 37 - CORONARY REVASCULARIZATION - III**MODERATORS***Leo A Bockeria, Jean Phillipe Verohye, Ganesh Mani, Sudhansu Bhattacharyya*

- 1 Vein preservation strategies for long term outcomes
Bernhard Winkler 12 + 3

- 2 Choosing the optimal total arterial revascularisation strategy - Grafts and configurations
David Taggart 12 + 3
- 3 Coronary artery disease - Bakulev experience
Olga Bockeria 12 + 3
- 4 CABG vs. PCI for Diabetic Patients with Multi-vessel Disease
Vivek Rao 12 + 3
- 5 Implication of evolution of imaging in the practice of modern surgery
Jean Phillippe Verohye 12 + 3
- 6 Graft flow assessment - When to revise?
David Taggart 12 + 3

15.00 - 16.30 Hrs

SESSION 41 - DEBATE

MODERATORS

*Shiv Nair, Dhiren Shah, Murthy B S**Discussion 15 min each**Pro (15 min)**Con (15 min)*

- 1 Hybrid Revascularization - A pragmatic approach or an unholy alliance
John Puskas *Kunal Sarkar*
- 2 Surgeons have surrendered to devices
A B Gopalamurugan *Hans-Joachim Schäfers*

16.30 - 18.00 Hrs

SESSION 45 - DEBATE

MODERATORS

*Vivek Rao, R V Venkateswaran, Muralidharan S**Discussion 15 min each**Pro (15 min)**Con (15 min)*

- 1 National / State Health schemes may save some patients but will kill the speciality
O.P. Yadava *Vivek Jawali*
- 2 To restore the failing heart - Surgical ventricular restoration Vs Heart Transplantation
Lorenzo Menicanti *KR Balakrishnan*

HALL C

08.00 - 09.30 Hrs

SESSION 25 - FREE PAPERS - CONGENITAL

MODERATOR

Sajan Koshy

- 1 Retrospective study of results of an alternate technique of completion of the total cavopulmonary connection
Sachin Talwar 6 + 2
- 2 Autologous pulmonary artery tissue in Aortic reconstruction for coarctation repair- our experience
Pradeep 6 + 2
- 3 Comparative study of diagnostic accuracy between CT-Angiography, Catheter-angiography and trans-thoracic ECHO in pre-operative evaluation of TOF
Madhusudan Katti 6 + 2
- 4 Comparison of early post op outcomes for arch repairs with or without vsd closure/aso/pa band/dks done on deep hypothermia on low flows versus additional circulatory arrest
Garima Bhag 6 + 2

- | | | |
|----|--|-------|
| 5 | Agreement of central venous saturation and mixed venous oxygen saturation in patients with pulmonary arterial hypertension after cardiac surgery
<i>Dianyuan Li</i> | 6 + 2 |
| 6 | Midterm performance of Contegra bovine jugular vein conduit as a right ventricle to pulmonary artery conduit
<i>Nayem Raja</i> | 6 + 2 |
| 7 | Total Anomalous Pulmonary Venous Connection: improved early outcomes with an alternate management strategy
<i>Kuntal Roy Chowdhuri</i> | 6 + 2 |
| 8 | Short and mid term outcomes of aortic arch repair : Single Surgeon Single Centre Experience
<i>Prerna Singh</i> | 6 + 2 |
| 9 | Early extubation after congenital heart surgery: A prospective observational study
<i>Gaurav Patni</i> | 6 + 2 |
| 10 | Total correction of Tetralogy of Fallot at the age of 6 months or less: Surgical Experience of eight years at single center
<i>Mohit Sharma</i> | 6 + 2 |
| 11 | An alternative technique for intracardiac exposure during transatrial repair of Tetralogy of Fallot
<i>Sachin Talwar</i> | 6 + 2 |

09.30 - 11.00 Hrs

SESSION 29 - PAEDIATRIC HEART FAILURE**CHAIRPERSONS***Robert Coelho, Sachin Talwar, Shahani Jagdish Menghraj*

- | | | |
|---|--|---------|
| 1 | Paediatric Heart Transplantation: Indian scenario
<i>K R Balakrishnan</i> | 12 + 10 |
| 2 | Paediatric Heart Transplantation in variant anatomy
<i>Charles Fraser</i> | 12 + 10 |
| 3 | ECMO - role, challenges and results in the paediatric population
<i>Devagouru</i> | 12 + 10 |
| 4 | VADs in paediatric age group
<i>Charles Fraser</i> | 12 + 10 |

11.00 - 12.00 Hrs

SESSION 33 - PANEL DISCUSSION

Database

MODERATOR : *BR Jagannath***PANELISTS :** *Jacob Jamesraj, Chinnasamy Reddy, Ashish Katewa, Sachin Talwar, Smruti Ranjan Mohanty*

60 min

12.30 - 13.30 Hrs

LUNCH SYMPOSIUM - MEDTRONIC

13.30 - 15.00 Hrs

SESSION 38 - ROOT TRANSFER**CHAIRPERSONS***Suresh Rao, KS Iyer*

- | | | |
|---|--|---------|
| 1 | Aortic root transfer
<i>Robert Coelho</i> | 12 + 10 |
| 2 | Pulmonary root transfer
<i>Tapan Dash</i> | 12 + 10 |
| 3 | Double root transfer
<i>Vijay Agarwal</i> | 12 + 10 |

- 4 Half turned truncal switch
Chinnasamy Reddy 12 + 10

15.00 - 16.30 Hrs

SESSION 42 - DEBATE

- 1 Ross Vs Mechanical AVR in adolescent age group *KS Iyer*
MODERATOR: *Shivaprakasa* *Devagouru* 30 min
- 2 On pump Vs off pump Fontan *Sachin Talwar*
MODERATOR: *Smruti Ranjan Mohanty* *Sunil GS* 30 min
- 3 TOF repair less than 6 months of age should be the norm *Raja Joshi*
MODERATOR: *Girish Warriar* *KS Murthy* 30 min

16.30 - 17.30 Hrs

SESSION 46 - PANEL DISCUSSION

- 1 RV to PA conduits 30 min
MODERATOR : *Jacob Jamesraj*
PANELISTS : *Robert Coelho, Ganapathy Subramaniam, Thomas Mathew, BR Jagannath*
- 2 Cath based interventions in lieu of surgery in the neonates 30 min
MODERATOR : *Raja Joshi*
PANELISTS : *Sivakumar K, Neville Solomon, Shivaprakasha, Raghavan Subramanyan*

HALL D

08.00 - 09.30 Hrs

SESSION 26 - FREE PAPERS - THORACIC

MODERATORS

Sridhar Rathinam, Rajasekhar Reddy, Ajay Narsimhan, Paresh Mane, S Raghupathi, Sundar Ramanathan, Sheba Jacob

- 1 The Transsternal transpericardial approach for post pneumonectomy Broncho pleural fistulae *Sabyasachi Bal* 6 + 2
- 2 Emergency thoracotomy, our experience over 4 years *Subhajit Sharma* 6 + 2
- 3 Per-oral endoscopic myotomy (POEM) for treating esophageal achalasia: the experience of the chest surgeon *Pei Hsing Chen* 6 + 2
- 4 Less invasive bilateral anterolateral thoracotomy versus standard clam shell approach for bilateral sequential lung transplantation-an outcome analysis *George Jose Valooran* 6 + 2
- 5 Intercoastal muscle flap in Pneumonectomy for Interstitial lung disease *Arun ramaswamy* 6+2
- 6 VATS Decortication for stage III empyema - our experience *Arvind V* 6 + 2
- 7 Middle mediastinal Paraganglioma *T Vamshidhar* 6+2
- 8 The role of thoracoscopic decortication in chronic organised post pneumonic empyema thoracis *Kamran Ali* 6 + 2
- 9 Intracavitary Photodynamic Therapy in Pleural Metastasis by Lung Cancer *Jang-Ming Lee* 6 + 2

- 10 Dietary habits and medical knowledge of esophageal cancer in high-incidence area: 10-Year changes in Yanting county
Heng Huang 6 + 2
- 11 Thoracotomies in children-An institutional experience
Sivasankaran K 6 + 2

09.30 - 11.00 Hrs

SESSION 30 - THORACIC

MODERATORS

R K Dewan, Sanghoon Jheon, Shanda Blackmon, Arvind Krishnamurthy, S Srikrishna

- 1 TE fistula management with ECMO
Shanda Blackmon 12 + 3
- 2 Surgery in Lung secondaries
R K Sashank 12 + 3
- 3 3D printing in thoracic Surgery
Sai Yendamuri 12 + 3
- 4 Management of anastomotic leaks after Esophagectomy
Puja G Khaitan 12 + 3
- 5 Pectus surgery
Hyung Joo Park 12 + 3

11.00 - 12.30 Hrs

SESSION 35 - HEART FAILURE, MECHANICAL CIRCULATORY ASSIST AND TRANSPLANTATION II

MODERATORS

RV Venkateswaran, Pasala Ravichandran, Manoj Luthra, Anand Sancheti

- 1 Post Cardiectomy Shock - Recovery after Mechanical Support
Kewal Krishnan 10 + 2
- 2 ECMO support for respiratory failure
Pasala Ravichandran 10 + 2
- 3 ECMO to Definitive Cardiac Operation
Jaishankar Raman 10 + 2
- 4 Destination Therapy - A viable option in Era of organ shortage
R.V. Venkateswaran 10 + 2
- 5 Mechanical Biventricular Support
Sandeep Attawar 10 + 2
- 6 Is heartmate III LVAD a better device?
T. Sundar 10 + 2

12.30 - 13.30 Hrs

LUNCH SYMPOSIUM - B.L. LIFESCIENCES

13.30 - 15.00 Hrs

SESSION 39 - THORACIC

MODERATORS

Bernard Park, Sanghoon Jheon, Shaf Keshavjee, Chandramohan, Sivaraman, R K Sashank, Shanda Blackmon

- 1 Complex Esophageal surgeries in benign pathology
Sai Yendamuri 10 + 2
- 2 Spectrum of Mediastinal tumors
Srirangapatna Srikrishna 10 + 2
- 3 Carcinoid syndrome - An ill understood entity
Roy Gnanamuthu 10 + 2
- 4 Endoscopic resection in early stage Esophageal cancer
Puja G Khaitan 10 + 2

- | | |
|---|--------|
| 5 Present role of robotic surgery in thoracic surgery
<i>Balasubramonian</i> | 10 + 2 |
| 6 Current perspective and future trends in Minimally Invasive Esophagectomy for cancer esophagus in prone approach
<i>Palanivelu</i> | 10 + 2 |
| 7 Complex esophageal reconstruction
<i>Shanda Blackmon</i> | 10 + 2 |

15.00 - 16.30 Hrs

SESSION 43 - THORACIC**MODERATORS***Palanivelu, Ali Zameer Khan, Hyung Joo Park, Pala B Rajesh, Murthy*

- | | |
|---|--------|
| 1 Our experience in tracheobronchial surgery
<i>Rajiv Santosham</i> | 10 + 2 |
| 2 Endobronchial therapy for air leak
<i>K S Rammohan</i> | 10 + 2 |
| 3 Use of hybrid OR in thoracic surgery
<i>Ali Zameer Khan</i> | 10 + 2 |
| 4 Acquired Nonmalignant Tracheo Esophageal Fistula
<i>Rajshekar Reddy</i> | 10 + 2 |
| 5 Esophageal perforation with specific reference to boerrhaave syndrome
<i>Chandramohan</i> | 10 + 2 |
| 6 Neoadjuvant Chemo-radiation in the management of Carcinoma Esophagus
<i>Arvind Krishnamurthy</i> | 10 + 2 |
| 7 Surgery in benign oesophageal problems
<i>Paresh Mane</i> | 10 + 2 |

16.30 - 18.00 Hrs

SESSION 47 - TRAINING IN CARDIAC SURGERY**MODERATORS***Rui Almeida, Byung C Moon, Girinath M R*

- | | |
|--|--------|
| 1 New Training Paradigms
<i>Rui Almeida</i> | 12 + 3 |
| 2 Training Cardiac Surgeons in an Environment of increasing patient complexity and new Technologies
<i>Joseph Sabik</i> | 12 + 3 |
| 3 Ethics in Cardiac Surgical Practice
<i>Byung C Moon</i> | 12 + 3 |
| 4 Cardiothoracic surgical training - a female fellow's perspective
<i>Rashmi Birla</i> | 12 + 3 |
| 5 Cath and Wire Skills for Cardiac Surgeons
<i>Ravinder Singh Rao</i> | 12 + 3 |
| 6 Off pump CABG training and re-training
<i>Paul Sergeant</i> | 12 + 3 |

12.00 - 12.30 Hrs

HALL B, C**MODERATORS***Rajan Sethuratnam, Shiv Nair, Rajan Santosham***GODREJ S. KARAI ORATION***Dr Raj Kumar Yadav*

Current status of management of Thymic Tumors and Myasthenia Gravis

18.00 - 19.00 Hrs

DINNER SYMPOSIUM - ABBOTT