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

   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 Padmanabh 6 + 2

09.30 - 11.00 Hrs
SESSION 27 - AORTIC SURGERY

MODERATORS
Yukata Okita, Yuichi Ueda, Seetharam Bhat, Subodh Satyarthy

1. Type A Aortic Dissection - What is optimal strategy?
   Vijayashankar C S 12 + 3
2 Total Aortic Arch Replacement - Current Status
Yukata Okita 12 + 3
3 Chronic Type B Dissection - Endovascular or Open Repair
Shiv K Choudhary 12 + 3
4 Cerebral Protection Strategies in Thoracic Aortic Surgery
Yuichi Ueda 12 + 3
5 Spinal, Renal & Visceral protection in Thoraco Abdominal Aortic Surgery
Chandrasekhar P 12 + 3
6 Surgical Management of Dilated Aortic Root
Shinichi Takamoto 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
Frank Van Praet 12 + 3
2 Minimally Invasive Endoscopic Valvular Cardiac Surgery
Olivier Jegaden 12 + 3
3 Totally Endoscopic Coronary Bypass Grafting
John Puskas 12 + 3
4 Minimally Invasive Bypass Surgery with Bilateral Internal-mammary Arteries
Piroze Davierwala 12 + 3
5 Mini Thoracotomy CABG is a feasible and safe option
Sathyaki Nambala 12 + 3
6 Minimally Invasive Hybrid Coronary Revascularisation in Multivessel Coronary Artery Disease
M M Yusuf 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 ?
Chandrasekaran K 12 + 3
2 Mitral Valve Anatomy for the Surgeon
Lalit Kapoor 12 + 3
3 Planning for Future Mitral Valve Reoperations - Choosing the Present
Piroze Davierwala 12 + 3
4 Risk Factors for Reoperation after Rheumatic Valve Repair
Devagouru V 12 + 3
5 Treatment Options for Atrial Fibrillation in Mitral Valve Disease
Marc Moon 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
T.K. Jayakumar 10 + 2
2 Redo or Re-Redo No clamp / beating heart Minimally Invasive mitral & tricuspid valve surgery  
   Ranjit Deshpande  
3 Tool Kit for Minimally Invasive Cardiac Surgery  
   Shantanu Pande  
4 Mid- CAB Total Arterial Revascularization  
   Ilhan Mavioglu  
5 Pitfalls in MICS  
   Catherine Sudarshan  
6 19 years experience with Robotically enhanced MIDCAB  
   Frank Van Praet

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  
   Hans-Joachim Schäfers  
   15 + 2
2 TAVR - Role in different Risk Groups  
   Pasala Ravichandran  
   10 + 2
3 Surgical AVR - Better for Intermediate and Low Risk Patients  
   Kunal Sarkar  
   10 + 2
4 Patient Prosthesis Mismatch - Enlarging the small Aortic Root  
   Indu Deglurkar  
   10 + 2
5 Is there a prosthesis which prevent PPM - Evaluation and management  
   Rajneesh Malhotra  
   10 + 2
6 Aortic Stenosis with Severe LV Dysfunction: What is the Best Option?  
   Vipin Zamvar  
   10 + 2
7 TAVI - A Cardiologist’s perspective  
   Sengottuvelu  
   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  
   Sanjay Kumar  
   6 + 2
2 Comparative evaluation of bita grafting in acute mi vs stable angina patients -- a single surgeon experience  
   Sarju Ralhan  
   6 + 2
3 Carotid body tumors: clinical profile, surgical outcome and complications  
   Syed Abdul Wahid  
   6 + 2
4 Retrograde popliteal approach for endovascular revascularization of flush sfa cto  
   Amit Singh  
   6 + 2
5 Challenges and solutions in establishing a new cardiac surgical unit.  
   Ashish Dolas  
   6 + 2
6 Aortic surgery in octogenarian population – a single centre experience  
   Sajiram Sarvananthan  
   6 + 2
7 Effect of short term use of methylprednisolone on early outcome after off-pump coronary artery bypass grafting  
   Mohammad Samir Azam Sunny  
   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 Perrier* 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 Perrier* 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 Phillipe 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**

1. Hybrid Revascularization - A pragmatic approach or an unholy alliance
   **John Puskas** Pro (15 min)  
   **Kunal Sarkar** Con (15 min)

2. Surgeons have surrendered to devices
   **A B Gopalamurugan** Pro (15 min)  
   **Hans-Joachim Schäfers** Con (15 min)

### 16.30 - 18.00 Hrs

#### SESSION 45 - DEBATE

**MODERATORS**
Vivek Rao, R V Venkateswaran, Muralidharan S

**Discussion 15 min each**

1. National / State Health schemes may save some patients but will kill the speciality
   **O.P. Yadava** Pro (15 min)  
   **Vivek Jawali** Con (15 min)

2. To restore the failing heart - Surgical ventricular restoration Vs Heart Transplantation
   **Lorenzo Menicanti** Pro (15 min)  
   **KR Balakrishnan** Con (15 min)

### 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
   Dianyuan Li 6 + 2

6 Midterm performance of Contegra bovine jugular vein conduit as a right ventricle to pulmonary artery conduit
   Nayem Raja 6 + 2

7 Total Anomalous Pulmonary Venous Connection: improved early outcomes with an alternate management strategy
   Kuntal Roy Chowdhuri 6 + 2

8 Short and mid term outcomes of aortic arch repair : Single Surgeon Single Centre Experience
   Prerna Singh 6 + 2

9 Early extubation after congenital heart surgery: A prospective observational study
   Gaurav Patni 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
    Mohit Sharma 6 + 2

11 An alternative technique for intracardiac exposure during transatrial repair of Tetralogy of Fallot
    Sachin Talwar 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
   K R Balakrishnan 12 + 10

2 Paediatric Heart Transplantation in variant anatomy
   Charles Fraser 12 + 10

3 ECMO - role, challenges and results in the paediatric population
   Devagouru 12 + 10

4 VADs in paediatric age group
   Charles Fraser 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

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
   Robert Coelho 12 + 10

2 Pulmonary root transfer
   Tapan Dash 12 + 10

3 Double root transfer
   Vijay Agarwal 12 + 10
1. Ross Vs Mechanical AVR in adolescent age group
   **Moderator:** Shivaprkasa Devagouru
   **Time:** 30 min

2. On pump Vs off pump Fontan
   **Moderator:** Smruti Ranjan Mohanty
   **Time:** 30 min

3. TOF repair less than 6 months of age should be the norm
   **Moderator:** Girish Warrier
   **Time:** 30 min

---

**SESSION 46 - PANEL DISCUSSION**

1. RV to PA conduits
   **Moderator:** Jacob Jamesraj
   **Panelists:** Robert Coelho, Ganapathy Subramaniam, Thomas Mathew, BR Jagannath
   **Time:** 30 min

2. Cath based interventions in lieu of surgery in the neonates
   **Moderator:** Raja Joshi
   **Panelists:** Sivakumar K, Neville Solomon, Shivaprakasha, Raghavan Subramanayan
   **Time:** 30 min

---

**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**
   **Time:** 6 + 2

2. Emergency thoracotomy, our experience over 4 years
   **Subhajit Sharma**
   **Time:** 6 + 2

3. Per-oral endoscopic myotomy (POEM) for treating esophageal achalasia: the experience of the chest surgeon
   **Pei Hsing Chen**
   **Time:** 6 + 2

4. Less invasive bilateral anterolateral thoracotomy versus standard clam shell approach for bilateral sequential lung transplantation-an outcome analysis
   **George Jose Valooran**
   **Time:** 6 + 2

5. Intercostal muscle flap in Pneumonectomy for Interstitial lung disease
   **Arun Ramaswamy**
   **Time:** 6+2

6. VATS Decortication for stage III empyema - our experience
   **Arvind V**
   **Time:** 6 + 2

7. Middle mediastinal Paraganglioma
   **T VamshiDhar**
   **Time:** 6+2

8. The role of thoracoscopic decortication in chronic organised post plemonic empyema thoracis
   **Kamran Ali**
   **Time:** 6 + 2

9. Intracavitary Photodynamic Therapy in Pleural Metastasis by Lung Cancer
   **Jang-Ming Lee**
   **Time:** 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

**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

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

**MODERATORS**  
RV Venkateswaran, Pasala Ravichandran, Manoj Luthra, Anand Sancheti

1 Post Cardiotomy 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

**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
Present role of robotic surgery in thoracic surgery
Balasubramonian

Current perspective and future trends in Minimally Invasive Esophagectomy for cancer esophagus in prone approach
Palanivelu

Complex esophageal reconstruction
Shanda Blackmon

Our experience in tracheobronchial surgery
Rajiv Santosham

Endobronchial therapy for air leak
K S Rammohan

Use of hybrid OR in thoracic surgery
Ali Zameer Khan

Acquired Nonmalignant Tracheo Esophageal Fistula
Rajeshkar Reddy

Esophageal perforation with specific reference to boerrhaave syndrome
Chandramohan

Neoadjuvant Chemo-radiation in the management of Carcinoma Esophagus
Arvind Krishnamurthy

Surgery in benign oesophageal problems
Paresh Mane

New Training Paradigms
Rui Almeida

Training Cardiac Surgeons in an Environment of increasing patient complexity and new Technologies
Joseph Sabik

Ethics in Cardiac Surgical Practice
Byung C Moon

Cardiothoracic surgical training - a female fellow’s perspective
Rashmi Birla

Cath and Wire Skills for Cardiac Surgeons
Ravinder Singh Rao

Off pump CABG training and re-training
Paul Sergeant

Current status of management of Thymic Tumors and Myasthenia Gravis
Dr Raj Kumar Yadav

Godrej S. Karai Oration

18.00 - 19.00 Hrs
DINNER SYMPOSIUM - ABBOTT