

## HALL A

08.00 - 10.00 Hrs

## SESSION 48 - RESIDENTS' FORUM

- 1 IACTS Quiz  
Quiz Masters: *C S Hiremath, Prasanna Simha, Priyanka Sinha* 75 min

## MODERATORS

*Pala B Rajesh, Rui Almeida, KN Bhosle*

- 2 The changing landscape of training in cardiothoracic surgery in UK  
*Pala B Rajesh* 12 + 3
- 3 Cardiac surgery training in India  
*M R Girinath* 12 + 3
- 4 Pediatric Fellowship Programs - Reviews & Feedback  
*Simran Kundan* 5 + 2

10.00 - 11.00 Hrs

## SESSION 52 - SOUTH ASIAN FORUM

## MODERATORS

*Aslam Hossain, Bijoy Rajbanshi, Satyajit Bose, Sudhansu Bhattacharyya  
Obaid Aljassim*

- 1 Change of pulmonary artery pressure after mitral valve replacement in patients with rheumatic mitral valve disease and pulmonary hypertension  
*Mohammed Aslam Hossain* 8 + 2
- 2 Isolated pericardiectomy - Indications, techniques and outcomes  
*Bijoy Rajbanshi* 8 + 2
- 3 Cardiac Surgery in South Asia as of 2018  
*Nazmul Hosain* 8 + 2
- 4 Trials, Toils and Triumphs – A Surgeon's Experience in Establishing a Cardiac Center in Semi-Rural India  
*Vinod Kumar M* 8 + 2
- 5 Uses of bilateral internal mammary artery in coronary artery bypass grafting - Comparison between Insitu Vs Y-Graft 500 cases study  
*Jehangir Kabir* 8 + 2
- 6 Jump graft safe and reproducible techniques for complex LAD lesions  
*M Zakir Khaled* 8 + 2

11.00 - 12.00 Hrs

## SESSION 56 - FREE PAPERS - ADULT CARDIAC SURGERY

## MODERATORS

*Sai Chandran BV, Vivek Kanhare*

- 1 Evaluation of anxiety and depression in coronary surgery patients using the hospital anxiety and depression scale  
*Rubina mariya clara. A* 6 + 2
- 2 Revisiting aortic valve replacements with cryopreserved homograft - long term follow-up study  
*Srinivas aaluri* 6 + 2
- 3 The three deadly hallows: anaemia, transfusions and major bleeding in cardiac surgery  
*Sunil dhar* 6 + 2
- 4 Study of effects of different weaning strategies for iabp  
*Vaibhav shah* 6 + 2
- 5 Minimally invasive aortic valve replacement through right anterior mini-thoracotomy approach: is it a daunting operation?  
*Venkata Satya Siva Sai Kiran Krishnamurthy* 6 + 2
- 6 Correlation of intraoperative renal near infrared spectroscopy with the development of acute kidney injury in adult patients undergoing cardiac surgery with cardiopulmonary bypass  
*Vijay Shewale* 6 + 2
- 7 Graft Flowmeter - An Essential Tool in Surgeon's Armamentarium  
*Anumeet Bagga* 6 + 2

- 8 Frozen Elephant Trunk in Indian scenario : Our experience  
*A. Mohammed Idhrees*

6 + 2

12.00 - 13.00 Hrs

## SESSION 57 - VIDEO SESSION

## MODERATORS

*Hemanth Kumar C. J, Anoop K Ganjoo, Vinay Krishna*

- 1 Peripheral vascular access for ECMO  
*Kewal Krishnan* 7 + 3
- 2 Heartware implantation  
*Vivek Rao* 7 + 3
- 3 Heartmate III implantation  
*R V Venkateswaran* 7 + 3
- 4 Heart transplant in a patient with bilateral SVCs with blocked R SVC  
*Catherine Sudharsan* 7 + 3
- 5 Hybrid approach for severe Aortic Regurgitation with Aneurysm of the entire Thoracic Aorta  
*Yugal Kishore Mishra* 7 + 3
- 6 Pulmonary Thrombo Endarterectomy  
*David Jenkins* 7 + 3

## HALL B

08.00 - 10.00 Hrs

## SESSION 49 - FREE PAPERS - ADULT CARDIAC SURGERY

## MODERATORS

*Mohanakrishnan L, Sridhar V, Andappan P.*

- 1 Role of the radial artery as second conduit for cabg  
*Hironaga ogawa* 6 + 2
- 2 Off pump coronary artery bypass grafting: where do we stand today?  
*Imran khan* 6 + 2
- 3 Predictive value of preoperative left ventricular ejection fraction on left atrial reverse remodeling after mitral valve replacement  
*Harsh seth* 6 + 2
- 4 Minimally invasive surgery for hypertrophic obstructive cardiomyopathy with concomitantly significant mitral regurgitation through a single transaortic approach  
*Ju mei* 6 + 2
- 5 Factors predicting left ventricular dysfunction after mitral valve replacement in patients with rheumatic mitral valve disease  
*Divyesh rathod* 6 + 2
- 6 Validity of euroscore ii (european system for cardiac operative risk evaluation) & sts score (society of thoracic surgeons score) to predict risk of mortality in patients undergoing coronary artery bypass grafting  
*Himanshu goel* 6 + 2
- 7 Blunt thoracic aortic injury : single-center comparison of open versus endovascular repair  
*Hiroshi horie* 6 + 2
- 8 Mid-term clinical outcomes of no-touch svg  
*Hiroshi tsuneyoshi* 6 + 2
- 9 Early reentry closure promotes complete remodeling of the dissected abdominal aorta - scheduled stepwise treatment for type b acute aortic dissection  
*Hiroyuki yamamoto* 6 + 2
- 10 Mitral valve repair for posterior leaflet prolapse: fifteen-year experience  
*Sachiko yamazaki* 6 + 2
- 11 Early results of rheumatic mitral valve stenosis(ms) repair in northern of Thailand  
*Sitichok wachirasrisirikul* 6 + 2
- 12 Analysis of the treatment for ruptured abdominal aortic aneurysm: open or endovascular repair  
*Hitoshi nakanowatari* 6 + 2
- 13 Strategy of aortic valve replacement in hemodialysis patients in valve-in-valve era  
*Shizuya shintomi* 6 + 2

- 14 Analysis of our experience and outcomes of patients with renal dysfunction undergoing CABG  
*Ravi shivdasani* 6 + 2
- 15 Warm blood perfusion as a novel way of myocardial preservation with biochemical correlation in beating heart with cross clamp viz a viz arrested heart in adults  
Syed Abdul Wahid 6 + 2

10.00 - 11.00 Hrs

## SESSION 53 - INNOVATIONS

## MODERATORS

*Paul Sargeant, Francis Smit, Karunakara Padhy, Ashwani Suri*

- 1 Medical management of heart failure post CABG - What has changed?  
*Vivek Madhav Kanhere* 8 + 2
- 2 Taming the Learning Curve : Role of Simulators  
*Jacob Jamesraj* 8 + 2
- 3 Off pump CABG - Managing difficult situations  
*A G Jayakrishnan* 8 + 2
- 4 Innovations in MICS - OPCAB Surgery  
*Murali P Vettath* 8 + 2

11.00 - 13.00 Hrs

## SESSION 58 - VIDEO SESSION

## MODERATORS

*James Thomas, Sathyanarayana P V, Manuj Saikia, Mohammed Akbar Bhat*

- 1 David Aortic valve sparing root replacement  
*Piroze Davierwala* 7 + 3
- 2 Anaortic Surgery  
*John Breerton* 7 + 3
- 3 MICS - CABG  
*Satyaki Nambala* 7 + 3
- 4 Bilateral Internal Mammary Arteries : How to do it , The Finer Points  
*Vaibhav Mishra* 7 + 3
- 5 Multivessel full arterial MIDCAB, IMA harvesting with LIGASURE  
*Ilhan Mavioglu* 7 + 3
- 6 Mitral repair - leaflet correction  
*Sampath Kumar A* 7 + 3
- 7 Mitral Valve repair in RHD  
*Krishna Prasad Adluri* 7 + 3
- 8 Mitral valve repair - RESPECT approach  
*Patrick Perier* 7 + 3
- 9 Mitral annular calcification in patients undergoing mitral valve surgery  
*Piroze Davierwala* 7 + 3
- 10 Thoracoabdominal Aortic Aneurysm  
*Yutaka Okita* 7 + 3
- 11 Single stage replacement of the ascending aorta, aortic arch and descending thoracic aorta for young a patient  
*Mohammed Idhrees* 7 + 3
- 12 Repair of subaortic aneurysm presenting with left main coronary artery compression  
*Mukesh* 7 + 3

## HALL C

08.00 - 10.00 Hrs

## SESSION 50 - FREE PAPERS - ADULT CARDIAC SURGERY

## MODERATORS

*Visvakumar, Siva Muthukumar, Krishnan K V*

- 1 Mid-term results of the cingular bovine pericardium heart valve and carpentier-edward perimount valve in the aortic valve replacement  
*Yao Wang* 6 + 2
- 2 A long-term results of the surgical treatments for popliteal venous aneurysm  
*Yasuko Onakatomi* 6 + 2

- |    |  |       |
|----|--|-------|
| 3  | Higher prevalence of common cyp2c9 and vkorc1 genotypes and its implications on warfarin (and acenocoumoral) therapy in indian population<br><i>Manoj Durairaj</i> | 6 + 2 |
| 4  | Mid-term results of frozen elephant trunk technique for choic aortic dissection<br><i>Yoshitaka Yamane</i>   | 6 + 2 |
| 5  | Can off-pump coronary artery bypass grafting be a suitable option for patients with low ejection fraction?<br><i>Yumeka Tamai</i>                                  | 6 + 2 |
| 6  | Minimally invasive right anterior mini-thoracotomy for repair of ventricular septal defects – a safe alternative<br><i>Jaikishan Suthar</i>                        | 6 + 2 |
| 7  | Outcomes and survival impact of intra-aortic balloon pump insertion before versus after cardiac surgery - single center experience<br><i>Jeswin Moses S</i>        | 6 + 2 |
| 8  | Vats left ventricular lead insertion for cardiac resynchronisation - irelands experience<br><i>Joseph Mc Loughlin</i>  | 6 + 2 |
| 9  | “central ecmo with lv venting” circulatory support for acute critical heart failure including intermacs profile 1<br><i>Kan Nawata</i>                             | 6 + 2 |
| 10 | Early and late mortality and morbidity after post mi - ventricular septal rupture repair: predictors, strategies and results<br><i>Kartik Patel</i>                | 6 + 2 |
| 11 | Open conversion for type2 endoleak after endovascular abdominal aneurysm repair<br><i>Kensuke Ozaki</i>  | 6 + 2 |
| 12 | Transit time flowmetry analysis for coronary endarterectomy for the diffusely diseased left anterior descending artery<br><i>Kohsaku Nishigawa</i>                 | 6 + 2 |
| 13 | Long-term outcome of open thoracoabdominal aortic aneurysm repair<br><i>Koki Yokawa</i>  | 6 + 2 |
| 14 | Surgical managment of functional tricuspid insufficiency with leading aortic stenosis<br><i>Latyshev MS</i>  | 6 + 2 |
| 15 | The choice of rigid ring annuloplasty for functional tricuspid regurgitation: contour 3d ring or mc3 ring?<br><i>Lok Yuh Ing</i>                                   | 6 + 2 |

10.00 - 11.00 Hrs

**SESSION 54 - INVITED LECTURES****CHAIRPERSONS:***Rajesh Sharma, Periyasamy T*

- |   |  |        |
|---|--|--------|
| 1 | Use of virtual reality in congenital heart disease<br><i>John Santosh Murala</i> | 30 min |
| 2 | Surgery Repair for Pectus Excavatum<br><i>Shyam Kolvekar</i>                     | 30 min |

11.00 - 13.00 Hrs

**SESSION 59 - VIDEO SESSION****CHAIRPERSONS***Brijesh, Sajan Koshy, Sachin Talwar*

- |   |   |       |
|---|---|-------|
| 1 | Ross - Konno Procedure<br><i>Amit Mishra</i>              | 7 + 5 |
| 2 | Modified Norwood<br><i>Prashant Shah</i>                  | 7 + 5 |
| 3 | Mitral valve repair in children<br><i>Neville Solomon</i> | 7 + 5 |
| 4 | PTFE valved conduits<br><i>Thomas Mathew</i>              | 7 + 5 |

- |    |   |       |
|----|---|-------|
| 5  | Repair of anomalous aortic origin of coronary artery<br><i>Charles Fraser</i> | 7 + 5 |
| 6  | Coarctation of aorta repair<br><i>Anil Dharmapuram</i>                        | 7 + 5 |
| 7  | Single patch AV canal repair<br><i>Ashutosh Singh</i>                         | 7 + 5 |
| 8  | ALCAPA (Unusual presentation)<br><i>Girish Warriar</i>                        | 7 + 5 |
| 9  | Taussig - Bing Anomaly<br><i>Bipin Hari</i>                                   | 7 + 5 |
| 10 | TGA with AV canal repair<br><i>Ganapathy Subramaniam</i>                      | 7 + 5 |

## HALL D

08.00 - 10.00 Hrs

### SESSION 51 - FREE PAPERS - ADULT CARDIAC SURGERY

#### MODERATORS

*Balachandran S, Raghuram A R, Suresh Kumar S.*

- |    |  |       |
|----|--|-------|
| 1  | The factors influencing the satisfaction with the treatment of cardiosurgical patients<br><i>Olga Bockeria</i>   | 6 + 2 |
| 2  | Minimally invasive cox maze IV ablation procedure performed entirely by bipolar clamp concomitant to mitral valve surgery through right lateral minithoracotomy<br><i>Ju Mei</i>                       | 6 + 2 |
| 3  | The false lumen occlusion concept after petticoat technique for type b aortic dissection<br><i>Masatoshi Komooka</i>   | 6 + 2 |
| 4  | Pulmonary endarterectomy for chronic thromboembolic pulmonary hypertension - early post operative experience in a tertiary cardiothoracic care centre - a series of ten cases<br><i>Saptarshi Paul</i> | 6 + 2 |
| 5  | Study to assess the impact of previous percutaneous transluminal coronary angioplasty (PTCA) on outcomes of after coronary artery bypass grafting (CABG)<br><i>Vamshidhar Tirunagari</i>               | 6 + 2 |
| 6  | The role of modified devega suture annuloplasty in secondary tricuspid regurgitation<br><i>Mithun Sundararaja R</i>  | 6 + 2 |
| 7  | Cardiac surgery in octogenarians and nonagenarian - single center experience<br><i>Sayed Sadeque</i>   | 6 + 2 |
| 8  | The turbulent journey from cardiac surgery to surgical cardiology<br><i>Nazmul Hosain</i>  | 6 + 2 |
| 9  | Genetic polymorphisms and dosing of vitamin-k antagonist in indian patients after heart valve surgery<br><i>Arun Mathew</i>  | 6 + 2 |
| 10 | Road to an unclamped all-arterial grafting strategy in off-pump coronary artery bypass grafting: when and how to step forward<br><i>Nuttapon Arayawudhikul</i>   | 6 + 2 |
| 11 | Minimal invasive direct coronary artery bypass grafting with bilateral internal mammary arteries. Our experience<br><i>Parth Solanki</i>   | 6 + 2 |
| 12 | Utilisation of extra-corporeal life support for refractory cardiogenic shock in awake patients<br><i>Prashant Mohite</i>   | 6 + 2 |
| 13 | Ten year's experience with surgical myocardial revascularisation in left ventricular dysfunction<br><i>Asit Baran Adhikary</i>   | 6 + 2 |

- 14 Neurological complications in the immediate postoperative period after cardiac surgery- a single centre study  
*Ravi Patel* 6 + 2
- 15 Analysis of the extent of degenerative changes in intra-pericardial aorta of patients with bicuspid aortic valve (bav)  
*Reddy P* 6 + 2

10.00 - 11.00 Hrs

**SESSION 55 - FREE PAPERS - THORACIC****MODERATORS**

*A Sivaraman, T Sunder, Madhu Shankar, Rajendra Mohan Mathur, Karunakara Padhy, Bashi V Velayudhan*

- 1 Long-Term Outcome and 3D Reconstruction of Primary Pulmonary Artery Sarcomas  
*Nandita Nettu Mahajan* 6 + 2
- 2 Robotics for Thoracic outlet tumors  
*Bhushan Dinkar Thombare* 6 + 2
- 3 Eclipsing 3 decades of Lung Transplantation: Lessons learned from the event horizon  
*John S Murala* 6 + 2
- 4 Combined Repair of Total Sternal Cleft and Tetralogy of Fallot : A case study  
*Gaurav Patni* 6 + 2
- 5 Transhiatal versus transthoracic esophagectomy for esophageal carcinoma: our experience SKIMS Srinagar  
*Rouf Gul* 6 + 2
- 6 Surgery for pulmonary aspergilloma - Single Surgeon Experience  
*S K Jain* 6 + 2

11.00 - 13.00 Hrs

**SESSION 60 - VIDEO SESSION****CHAIRPERSONS**

*Yugal Mishra, Rajan Sethuratnam, Shiv Kumar Nair, Manoj Durairaj, Puja Gaur Khaitan, Anjith Prakash*

- 1 Sleeve resection and Pulmonary Arterioplasty  
*Sai Yendamuri* 7 + 3
- 2 Tracheobronchial injuries  
*Rajiv Santosham* 7 + 3
- 3 Identification of the intersegmental plane and pulmonary nodules during segmentectomy  
*Shanda Blackmon* 7 + 3
- 4 Minimally invasive two stage Ivor Lewis esophagogastrectomy for junctional tumor  
*Palanivelu* 7 + 3
- 5 Robotic sleeve resection  
*Ali Zameer Khan* 7 + 3
- 6 Thoracoplasty  
*Rajan Santosham* 7 + 3
- 7 My technique of colon reconstruction  
*Chandramohan* 7 + 3
- 8 My technique of Pectus surgery  
*Hyung Joo Park* 7 + 3
- 9 Robotic lobectomy- How I do it?  
*Bernard Park* 7 + 3
- 10 Mediastinal Masses  
*Puja Gaur Khaitan* 7 + 3
- 11 Robotic ligation of thoracic duct for chylothorax  
*Bhushan Thombare* 7 + 3
- 12 Broncho-Esophageal fistula caused by foreign body  
*Lanza Giovanni* 7 + 3

13.30 Hrs

Valedictory function followed by Lunch