

HALL A

07.00 - 08.00 Hrs

MEET THE EXPERTS

Prof. Shiv Choudhary - Type A Aortic Dissection

08.00 - 09.30 Hrs

SESSION 1 - FREE PAPERS - ADULT CARDIAC SURGERY

MODERATORS

A P Jain, Mariappan, Ahangar, P K Deshpande

- 1 Results of orthotopic heart transplant at our center: 18 month follow up
Ajeya Joshi 6 + 2
- 2 The early and midterm outcomes of one-staged or two-staged hybrid minimally invasive surgical and transcatheter ablation for long-standing persistent atrial fibrillation
Ju Mei 6 + 2
- 3 Risk prediction score system for late aortic events in uncomplicated stanford type B aortic dissection
Akihito Matsushita 6 + 2
- 4 Analysis of complications and evaluation of risk factors affecting the adverse outcomes due to iabp insertion in patients undergoing off-pump coronary artery bypass surgery
Vamshidhar Tirunagari 6 + 2
- 5 Results of reconstructive surgery of ischemic mitral regurgitation - immediate and long-term outcome
Alexander Vavilov 6 + 2
- 6 Is use of anastomosis assist devices beneficial over side-clamps in preventing perioperative complications for those undergoing isolated cabg?
Aya Saito 6 + 2
- 7 Mid-term results of tavi with the use of a valve with ptfe leaflets
Andrey Voevodin 6 + 2
- 8 The role of mitral valve plasty in mitra-clip era – through our cases
Shizuya Shintomi 6 + 2
- 9 Coronary cameral fistula : a rare entity
Divyesh Rathod 6 + 2
- 10 Sutureless aortic valve-a surgical boon in challenging cases
Anuj Sangal 6 + 2
- 11 Comparative evaluation of hemodynamic performance in early post-operative period of tilting disc vs. Bileaflet mechanical valve at mitral position - a prospective study
Anurag Rai 6 + 2

09.30 - 11.00 Hrs

SESSION 5 - CORONARY REVASCULARIZATION -1

MODERATORS

Joseph Sabik, Lorenzo Menicanti, Rajesh Desai, Balram Airan

- 1 Off Pump CABG - Non-inferior to On Pump - PROMOTE patency trial
Lokeswar Sajja 12 + 3
- 2 Surgical Revascularization in Diabetic patients - Techniques to minimise risks and maximise survival
Joseph Sabik 12 + 3
- 3 Surgical Revascularization & Re-modelling in Ischemic Cardiomyopathy
Lorenzo Menicanti 12 + 3
- 4 Prevention of Stroke in CABG
Sotirios Prapas 12 + 3

- 5 Ventricular Septal Rupture - Best practices for improved outcomes
Gopichand Mannam 12 + 3
- 6 Management of Carotid Disease in CABG Patients
Z S Meharwal 12 + 3

12.30 - 13.30 Hrs

LUNCH SYMPOSIUM - MEDTRONIC

13.30 - 15.00 Hrs

SESSION 12 - HEART FAILURE, MECHANICAL CIRCULATORY ASSIST AND TRANSPLANTATION I

MODERATORS

Catherine Sudarshan, Vivek Rao, Madhu Shankar, Jose Chacko Periapuram

- 1 Controversies in the Current Guidelines in Donor Heart Selection: Emphasis on Survival Outcome
K.R. Balakrishnan 10 + 2
- 2 Procurement Strategies for Heart Transplant from Deceased Cardiac Donors
Vivek Rao 10 + 2
- 3 Heart Transplantation: Technical Considerations
Anvay Mulay 10 + 2
- 4 Management of Primary Cardiac Graft Dysfunction
Catherine Sudarshan 10 + 2
- 5 RV Failure following Mechanical circulatory support / Transplantation
Milind Hote 10 + 2
- 6 Chronic allograft Vasculopathy following Cardiac Transplant
A.K. Gokhale 10 + 2
- 7 Immunosuppression -Do Indian Patients Need a Modified Protocol?
Dhiren Shah 10 + 2

15.00 - 16.30 Hrs

SESSION 16 - INTERESTING SCENARIOS

MODERATORS

Indu Deglurkar, Cusimano RJ, RV Kumar, Rathinavel A

- 1 Mitral Annular Calcification - Surgical option without decalcification
Clifford Barlow 12 + 3
- 2 Risk factors and Management of Deep Sternal Wound Infections
Manoj Durairaj 12 + 3
- 3 RV Failure following Cardiac Surgery - Pathogenesis and Management
Praveen Varma 12 + 3
- 4 Risk Factors and Management of Post operative Atrial Fibrillation
Shamsher Lohchab 12 + 3
- 5 Strategies to reduce Blood Transfusion following Cardiac Surgery
Sundar Ramanathan 12 + 3
- 6 Cardiac Tumors
Cusimano R.J. 12 + 3

16.30 - 17.30 Hrs

SESSION 19 - QUALITY CARE

MODERATORS

Paul Barach, Adrian Levine, Trushar Gajjar, Richard Saldanha

- 1 Clinical leadership, patient safety, quality improvement
Paul Barach 12 + 3
- 2 Quality care in cardiothoracic surgery
Byung Moon 12 + 3
- 3 Cals protocol for cardiac arrest after cardiac surgery - a new and proven paradigm for post operative cardiac surgical care
Adrian Levine 12 + 3

4 Cardiac Service line development
Pasala Ravichandran

12 + 3

HALL B

08.00 - 09.30 Hrs

SESSION 2 - FREE PAPERS - ADULT CARDIAC SURGERY**MODERATORS***Hemant Kumar Pande, Manoj Luthra, Ramesh Kaushik, Mahant.T.S.*

- 1 New therapy management of severe heart failure on our hospital
Norikazu Oshiro 6 + 2
- 2 Our experience of left atrial appendage occlusion for post-stroke patients with atrial fibrillation via a mini-thoracotomy
Takaharu Shimizu 6 + 2
- 3 The predictors of prognosis after pericardiectomy for chronic constrictive pericarditis; a single-center 38 patients experience
Takahide Yoshio 6 + 2
- 4 Total arch repair using frozen elephant trunk technique (tar-fet) after thoracic endovascular aortic repair (tevar)
Takayuki Kadohama 6 + 2
- 5 Clinical experience of aortic valve replacement using the solo smart stentless bioprosthesis
Tetsuro Uchida 6 + 2
- 6 Do blood transfusions affect the outcomes of patients who underwent coronary artery bypass grafting?
Lok Yuh Ing 6 + 2
- 7 Early and late outcomes of surgery for acute type a aortic dissection with malperfusion
Tohru Ishimine 6 + 2
- 8 Optimal procedure for acute type a aortic dissection without intimal tear at aortic arch
Tomonori Koga 6 + 2
- 9 Assessment of fluid overload in off pump coronary artery bypass grafting surgery patients by body composition monitor (bcm)
Ashwene T 6 + 2
- 10 Virtual reality image analysis in aortic valve leaflet reconstruction
Ryoi Okano 6 + 2
- 11 Global cardiac surgery: access to cardiac surgical care around the world
Dominique Vervoort 6 + 2

09.30 - 11.00 Hrs

SESSION 6 - AWARD PAPER - IACTS**MODERATORS***Yugal Mishra, Yadava OP, Shiv Nair, L F Sridhar*

- 1 Evolution of Heart Transplant: Three decades of experience from Heart Transplantation in Toronto
Thiruthani Kumaran MM 7 + 3
- 2 Outcome of 40 consecutive cases of Modified Ross procedure using novel Dacron valved conduit
Lakshmi Kumari Sankhyan 7 + 3
- 3 Challenges in surgical correction of adult Tetralogy of Fallot: outcomes with targeted care
Kuntal Roy Chowdhuri 7 + 3
- 4 Novel Technique of Vascular Anastomosis: Posterior Continuous and Anterior Interrupted Technique
Simran Kundan 7 + 3

- 5 Timing of coronary artery bypass after acute myocardial infarction- does it matter?
Anton Prem 7 + 3
- 6 Porcine versus bovine bioprosthetic valves in mitral position: does choice really matter???
Karthik Raman 7 + 3
- 7 Transplantation of oversized hearts in pediatric age group.-outcomes and lessons learnt
Pradeep 7 + 3
- 8 Weight gain potential- a neglected entity during valve replacement
Vijayanand Palanisamy 7 + 3
- 9 One year outcomes of off- and on-pump coronary artery bypass grafting: a randomized multicentric study
Lokeswara Rao Sajja 7 + 3
- 10 Autologous pericardial aortic valve reconstruction: Early experience
Jeeva Vijayan 7 + 3

12.30 - 13.30 Hrs

LUNCH SYMPOSIUM - ABBOTT

13.30 - 15.00 Hrs

SESSION 13 - CORONARY REVASCULARIZATION - II**MODERATORS***John Puskas, John Brereton, Devendra Saksena, V M Kurian*

- 1 Priority in CABG - Completeness of Revascularization - Or Multiple Arterial Grafts
John Puskas 12 + 3
- 2 On pump total arterial CABG
Joseph Sabik 12 + 3
- 3 Total endoscopic vein harvesting - VICO trial
R V Venkateswaran 12 + 3
- 4 Heart Team Approach in the management of CAD - Is it happening ?
O.P. Yadava 12 + 3
- 5 Diffuse coronary artery disease - Surgical strategies
Anbarasu Mohanraj 12 + 3
- 6 Anaortic surgery - Rationale and results
John Brereton 12 + 3

15.00 - 16.30 Hrs

SESSION 17 - COMPLEX HEART VALVE DISEASE**MODERATORS***Thomas Macgillivray, Sertac Cicek, Giridhar Kamalapurkar, Manoj J Pradhan*

- 1 Mitral Annular Calcification - Surgical Options
Carlos Mestres 12 + 3
- 2 Choice of Prosthesis in Redo Homograft
Julian Gaer 12 + 3
- 3 Infective Endocarditis - Reconstruction of the Fibrous Skeleton
Sertac Cicek 12 + 3
- 4 Valve-sparing Aortic Root Replacement Surgery - Indications & Techniques
Thomas Macgillivray 12 + 3
- 5 Small Aortic Root – Do we have an alternative to root enlargement?
Ajeet Bana 12 + 3
- 6 Alternative Mechanical Heart Valves for the Developing World
Francis Smit 12 + 3

HALL B

16.30 - 17.30 Hrs

SESSION 20 - PULMONARY THROMBO EMBOLISM**MODERATORS***David Jenkins, Noboru Motomura, Govini Balasubramaniam, Senthil Kumar T*

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|---|--|--------|
| 1 | Diagnosics in CTEPH
<i>Shiv K Choudhary</i> | 10 + 2 |
| 2 | CTEPH Strategy - Indications and operative strategies
<i>David Jenkins</i> | 10 + 2 |
| 3 | Outcomes of pulmonary embolectomy for acute pulmonary embolism
<i>Noboru Motomura</i> | 10 + 2 |
| 4 | CTEPH - German Experience
<i>Hans-Joachim Schäfers</i> | 10 + 2 |
| 5 | CTEPH - Indian Experience
<i>Julius Punnen</i> | 10 + 2 |

HALL C

08.00 - 09.30 Hrs

SESSION 3 - FREE PAPERS - CONGENITAL**MODERATORS***Ashutosh Singh, Brijesh*

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|----|--|-------|
| 1 | The intra/extracardiac Fontan: preliminary results
<i>Sachin Talwar</i> | 6 + 2 |
| 2 | Single coronary artery in transposition of the great arteries. Remote results
<i>Lyazin Denis</i> | 6 + 2 |
| 3 | Is Heart transplantation a solution for complex congenital cardiac disease?! -Our Experience
<i>Ganapathy Subramaniam</i> | 6 + 2 |
| 4 | Biventricular repair in patients with hypoplastic left heart complex
<i>Kalashnikov Sergei</i> | 6 + 2 |
| 5 | Modified Double Decker Procedure: Loft Technique for Partial Anomalous Pulmonary Venous Connection
<i>Takuma Fukunishi</i> | 6 + 2 |
| 6 | Mid-term results of pulmonary root translocation for transposition of the great arteries with ventricular septal defect and pulmonary stenosis
<i>Yasuyuki Kobayashi</i> | 6 + 2 |
| 7 | Beginning of Pediatric Ventricular Assist Treatment in Korea
<i>Han Ki Park</i> | 6 + 2 |
| 8 | Outcomes of the Infants less than 2500g Performed cardiac Surgery under cardiopulmonary bypass in Eastern China: A 12-year Experience in a Tertiary Pediatric Medical center
<i>Yaping Mi</i> | 6 + 2 |
| 9 | Clinical outcome of adult patients with decreased ventricular function undergoing Fontan operation and TCPC conversion
<i>Yasuhiro Kotani</i> | 6 + 2 |
| 10 | A comparative study of Sung's technique of pulmonary valve augmentation and conventional transannular patch repair of Tetralogy of Fallot
<i>Asher George Joseph</i> | 6 + 2 |
| 11 | Neurological Complications after cardiac Surgery in Children with Congenital Heart Disease- a single centre study
<i>Ravi Patel</i> | 6 + 2 |

09.30 - 11.00 Hrs

SESSION 7 - PAEDIATRIC VALVE REPAIRS

CHAIRPERSONS

Suresh Rao, Ramkumar Subramanyam, Rajesh Sharma

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|---|--|---------|
| 1 | Aortic valve repair in children
<i>Suresh Rao</i> | 12 + 10 |
| 2 | Mitral repair in children
<i>KS Iyer</i> | 12 + 10 |
| 3 | Post Ross Aortic Valve / Autograft Reintervention
<i>Zohair Al Halees</i> | 12 + 10 |
| 4 | Aortic valve reinterventions after arterial switch operation
<i>Christian Pizarro</i> | 12 + 10 |

12.30 - 13.30 Hrs

LUNCH SYMPOSIUM - ETHICON

13.30 - 15.00 Hrs

SESSION 14 - UNIVENTRICULAR Vs BIVENTRICULAR REPAIR

CHAIRPERSONS

KS Iyer, Shivaprakasa

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|---|---|---------|
| 1 | Hypoplastic left heart : Decision for univentricular / biventricular repair in borderline cases
<i>Vijayakumar</i> | 12 + 10 |
| 2 | Unbalanced AV Canal / Stradling AV Valves
<i>Sachin Talwar</i> | 12 + 10 |
| 3 | DORV remote VSD
<i>Rajesh Sharma</i> | 12 + 10 |
| 4 | Late reoperations for LVOT obstruction after biventricular repair of DORV / AVSD
<i>Zohair Al Halees</i> | 12 + 10 |

15.00 - 16.30 Hrs

SESSION 18 - PANEL DISCUSSION

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|---|---|--------|
| 1 | Cost management of pediatric cardiac surgical program
MODERATOR : <i>Shivaprakasha</i>
PANELISTS : <i>Suresh Rao, Ashish Katewa, Sajan Koshy, Rana Sandip Singh</i> | 45 min |
| 2 | Tetralogy of Fallot - Current Philosophy
MODERATOR : <i>Shaunak Shah</i>
PANELISTS : <i>Shivaprakasha, Krishna Manohar, Joseph Xavier, Baiju Dharan</i> | 45 min |

16.30 - 17.30 Hrs

SESSION 21 - MISCELLANEOUS SESSION

CHAIRPERSONS

Neville Solomon, Sachin Talwar

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|---|---|-------|
| 1 | Minimally invasive congenital heart surgery
<i>Prem Venugopal</i> | 7 + 2 |
| 2 | Delayed presentation of TGA
<i>Gaurav Kumar</i> | 7 + 2 |
| 3 | Ebstein's Anomaly
<i>Smruti Ranjan Mohanty</i> | 7 + 2 |
| 4 | ALCAPA Repair
<i>Devananda</i> | 7 + 2 |
| 5 | Aortic valve replacement using homograft: Subcoronary implantation technique
<i>Anto Sahayaraj</i> | 7 + 2 |

HALL D

08.00 - 09.30 Hrs

SESSION 4 - FREE PAPERS - THORACIC

MODERATORS

*Abha chandra, Arvind Kumar, C S Hiremath, Seetharama Bhat,
Jacob Jamesraj, A Rathinavel*

- 1 Two cases of extremely rare benign tracheal tumors
Ashwin Phadke 6 + 2
- 2 Using Extracorporeal Membrane Oxygenation as an Adjunct in the Management of Iatrogenic Tracheal Injury
Muhammad Nawaz 6 + 2
- 3 Depth of Circular and Longitudinal Muscle Invasion in T2 Esophageal Squamous Cell Carcinoma Does Not Affect the Prognosis and Lymph Node Metastasis: A Multi-center Retrospective Study
Heng Huang 6 + 2
- 4 Robotics and VATS in Chest wall tumor resection
Bhushan Dinkar Thombare 6 + 2
- 5 Construction and validation of the mathematical models for predicting the pulmonary benign and malignant nodules
Xiangyang Yu 6 + 2
- 6 Diaphragm surgery in chest wall neoplasms
Alberto Oliaro 6 + 2
- 7 Impact of epidural anesthesia on postoperative non-small cell lung cancer survival: analysis of a Japanese nationwide database
Kento James Fukumoto 6 + 2
- 8 The efficacy of the vessel sealing system for video-assisted lung cancer resection
Taijiro Mishina 6 + 2
- 9 Computed Tomography can predict the lymph node metastasis of recurrent laryngeal nerve but not survival time in esophageal squamous cell carcinoma
Kai-Yuan Jiang 6 + 2
- 10 Diagnosis and treatment of pulmonary hydatid cysts: Our experience
Nadeem Kawoosa 6 + 2

09.30 - 11.00 Hrs

SESSION 6 - AATS FOUNDATION AWARD

MODERATORS

*Yuichi Ueda, Song Wan, Young Hwan Park, John D Puskas, Sertac Cicek,
Clifford Barlow*

- 1 Variable morphologic features and results of surgery for Hemitruncus
Sachin Talwar 10 + 5
- 2 New strategy for managing the first Blalock-Taussig Shunt in Infants With Patent Ductus Arteriosus Dependent Circulation
Sadahiro Sai 10 + 5
- 3 Long-term Outcomes of Senning Procedure
Mariko Kobayashi 10 + 5
- 4 Rumors, Truth And Reality: A Retrospective Study On Coronary Endarterectomy
Redoy Ranjan 10 + 5
- 5 Is biventricular support necessary for advanced heart failure?
Minoru Ono 10 + 5
- 6 Anomalous Origin of Right Coronary Artery from Pulmonary Artery: Rare yet Serious
Dianyuan Li 10 + 5

12.30 - 13.30 Hrs

LUNCH SYMPOSIUM - SIEMENS

13.30 - 15.00 Hrs

SESSION 15 - THORACIC

MODERATORS

Bhabatosh Biswas, Sai Yendamuri, Ali Zameer Khan, Puja G Khaitan, Roy Gnanamuthu

- | | |
|---|--------|
| 1 Endobronchial navigation
<i>Ali Zameer Khan</i> | 10 + 2 |
| 2 When is wedge resection a reasonable operation for early stage lung cancer?
<i>David Jones</i> | 10 + 2 |
| 3 Radical multi organ resection for locally advanced thymoma
<i>Arvind Kumar</i> | 10 + 2 |
| 4 Navigational technique for small pulmonary nodule
<i>Jun Nakhajima</i> | 10 + 2 |
| 5 Single incision thoracoscopy in primary spontaneous pneumothorax
<i>Sanghoon Jheon</i> | 10 + 2 |
| 6 Role of surgery in N2 lung cancer
<i>Hiroshi Date</i> | 10 + 2 |
| 7 Surgery for emphysema
<i>Sridhar Rathinam</i> | 10 + 2 |

15.00 - 17.30 Hrs

SESSION 22 - LUNG TRANSPLANTATION

MODERATORS

Hiroshi Date, Shaf Keshavjee, Shanda Blackmon, Suresh Manickam

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|--|--------|
| 1 Critical Care of the Lung Transplant Patient
<i>Shaf Keshavjee</i> | 20 + 5 |
| 2 Patient Selection for Lung Transplantation
<i>Ramanathan Palaniappan</i> | 12 + 3 |
| 3 Update on living donor lung transplantation
<i>Hiroshi Date</i> | 12 + 3 |
| 4 Intraoperative tips and tricks in the lung transplant operation
<i>Shaf Keshavjee</i> | 12 + 3 |
| 5 Management of Immunosuppression in Lung Transplantation
<i>Catherine Sudarshan</i> | 12 + 3 |
| 6 Experience in Lung Transplantation in India
<i>Madhu Shankar</i> | 12 + 3 |
| 7 Progress and Challenges in Organ Donation in India
<i>Govini Balasubramaniam</i> | 12 + 3 |
| 8 State of the Art: Heart - Lung transplantation
<i>Sunder T</i> | 12 + 3 |
| 9 Toronto Technique for Clinical Lung Preservation
<i>Shaf Keshavjee</i> | 12 + 3 |

11.00 - 12.30 Hrs

HALL A, B, C, D

MODERATORS

Rajan Sethuratnam, Shiv Nair, Yugal Kishore Mishra

***C.S. SADASIVAN ORATION** - *Dr Bashi V Velayudhan*
"Sushruta's craft to modern hybrid theatre-My journey through aortic surgery" (11.00 - 11.30 Hrs)

***PRESIDENTIAL ORATION** - *Dr. Yugal Kishore Mishra*
 11.30 - 12.15 Hrs

***DR. K. M. CHERIAN** - *Four Decades of Cardiac Surgery*
 12.15 - 12.30 Hrs

19.00 Hrs

Gala Dinner @ SPP Gardens