

## Day 2

24<sup>th</sup> February 2017

**08:00 -10:00 AM**

**Hall: A**

**FREE PAPERS - CORONARY**

**08:00 -09:00 AM SESSION**

**Moderators: V J Agarwal, Susmit Bhattacharya , Edwin Ravi Kumar ,  
Ashok Kumar**

- ❖ Outcome of ischemic mitral regurgitation in patient undergoing Coronary revascularization. **Nitin Kumar Gupta**
- ❖ Skeletonized harvesting of Internal Mammary Arteries with Ultrasonic scalpel (Video) . **Shamsher Singh Lohchab**
- ❖ Coronary endarterectomy: It is not a Devil. **Sunil Agrawal**
- ❖ Single stage CABG and peripheral arterial bypass for combined coronary and peripheral arterial disease **Divya Arora**
- ❖ Changing trends in reoperative coronary artery bypass grafting: A 18 year study **Sudhanshu Singh**
- ❖ Our experience of Levosimendan usage in patients with severe left ventricular dysfunction undergoing CABG **Dhanesh Kumar**
- ❖ Post MI VSD- Early surgery is the key **A Kapoor**
- ❖ A study of outcome of early CABG in acute myocardial infarction **Sakthivel Kumaresan**

**09:00-10:00 AM**

**Moderators: Kamlesh Kumar Saha , Meharwal Z S, RavikumarKalyani ,Praveen Verma**

- ❖ Institutional experience of coronary artery bypass grafting in severe left ventricular dysfunction **Col G S Nagi**
- ❖ Nine year follow up of a patient with third time CABG and stem cell therapy **Rahul Sharma**
- ❖ Elective use of intra-aortic balloon pump in patients with moderate to severe LV dysfunction facilitates off pump coronary bypass surgery **Manoj J Pradhan**
- ❖ Difference in pain , mobilisation and incentive spirometry compliance between extra-pleural and open internal mammary harvesting in OPCAB patients **Neeraj Aravind Kamat**
- ❖ Total arterial multivessel MIDCAB **Manish Hinduja**
- ❖ Use of nitroglycerine and verapamil solution by organ bath technique in preparation of Left internal thoracic artery for coronary artery bypass surgery **Chandan Kumar Ray Mohapatra**
- ❖ Immediate and mid-term results after CABG with mitral valve repair in patients with ischemic mitral regurgitation **Vinitha V Nair**
- ❖ Impact of renal insufficiency on In-hospital outcomes after Off-pump Coronary Artery Bypass Surgery **Sonjoy Biswas**

**08:00 - 10:00 AM**

**Hall: B**

**FREE PAPERS - VALVE**

**8:00- 9:00 AM session**

**Moderators: Andappan Ponnagaman, Manoj Durairaj, B Girish, Karunakar Paddy**

- ❖ Prospective analysis of TR in Patients undergoing MVR **Muthu Kumar**
- ❖ Magnetic Resonance Imaging in follow-up after Tirone David I Procedure: Single centre experience **Hassiba Esmail**

- ❖ Which variables predict mortality in mitral valve re-operations ? - A 20 year single surgeon experience **Daniel Almeida**
- ❖ Study between ring annuloplasty and suture annuloplasty in Tricuspid valve diseases **Menander M**
- ❖ Redo cardiac surgery outcomes : Single center experience **Sujeeth Suvarna**
- ❖ Aortic valve cuspal replacement with glutaraldehyde treated autologous pericardium **Vikas Kumar Keshri**
- ❖ Surgical plication of symptomatic giant LA - Controversy unfolded **Chintan Mehta**
- ❖ ROSS Procedure- Our experience **Chinnaswamy Reddy**

### 09:00-10:00 AM session

**Moderators:** **Hemanth Kumar Pande, G Chandrashekar, Upendra Shenoy, Varadaraj, Manoj Durairaj**

- ❖ Obstruction of mechanical heart valve prostheses: Our experience **Nikhil Pachpande**
- ❖ Successful submitral leftventricular aneurysm repair–A case series **AshishRayate**
- ❖ Unusual association with valvular surgery **Jayant Karbhase**
- ❖ Mitral valve repair in children and young patients with rheumatic heart disease - A series of 270 cases from rural eastern India **Aandrei J Jha**
- ❖ Relation of left atrial histopathology to atrial fibrillation in rheumatic mitral valvular disease **Imran Khan**
- ❖ Aortic Valve Replacement (AVR) with zero patient prosthesis mismatch (PPM): An integrated approach **ShivKumar Choudhary**
- ❖ Papillary fibroelastoma of the aortic valve **Sujeeth Suvarna**
- ❖ Mitral annular calcium and Mitral repair – “MAC inclusive annuloplasty system “ **Varghese T Panicker**

**08:00 –09:00 AM**

**Hall: C**

**FREE PAPERS – CONGENITAL**

**Moderators: Joseph Xavier, Jagannath B R, Sunil Kaushal, Jayanth Kumar H. V.**

- ❖ Atrial septal defect device complications - surgical management - A case series  
**Santosh Kumar Dangeti**
- ❖ Ventricular septal defects with near systemic pulmonary pressures - Our experience  
**Elavarasan. C**
- ❖ Absent pulmonary valve with Rupture of Sinus of Valsalva - Autologous substitute for Pulmonary Valve: How I do it? **PoojaShetty**
- ❖ Warm perfusion : A Novel mode of myocardial preservation in Atrial Septal Defects - A prospective study. **Syed Wahid**
- ❖ Surgical management of embolized cardiac devices as an emergency : Experience at SKIMS, Srinagar, Kashmir . **Nadeem -ul- Nazeer Kawoosa**
- ❖ Age related outcome variability after complete atrio-ventricular septal defect repair in small children **Arun Beeman**
- ❖ Acute thrombus formation in the atrium following atrial septal defect closure. **Rahul Kumar Chukar**
- ❖ Complete AV Canal Defect Repair : Our experience **Parvez Ahamed**

**09:00-10:00 AM session**

**Moderators: Ashwin Kumar Pasarad, Benedict Rajkumar, Anand Subrahmanyam, Seetharam Bhat.**

- ❖ A double transatrial transpulmonary approach helps to preserve pulmonary valve better in TOF **Sudheer Gandrakota**
- ❖ Role of postoperative pressure ratio between right and left ventricle in predicting early outcomes after total correction of Tetralogy of Fallot – a prospective observational study **Arnab Maity**

- ❖ Mid term results of correction of TOF with Absent Pulmonary Valve **Sachin Talwar**
- ❖ Minimally invasive approach for intra-cardiac repair of TOF **Chirag Doshi**
- ❖ Outcomes Of Right Ventricular Outflow Tract (RVOT) reconstruction Using Hand sewn Valved Conduits **R.Jaiganesh**
- ❖ Associated anatomical variation in Tetralogy of Fallot - Surgical findings and management **Vidyut Kumar**
- ❖ Outcome of complete primary repair of Tetralogy of Fallot in neonates **Karthick Kevin**
- ❖ PTFE patch versus autologous pericardial patch for RVOT **.Sachin Talwar**

**08:00 –10:00 AM**

**Hall: D**

**FREE PAPER –THORACIC**

**08:00- 09:00 AM session**

**Moderators: Shekhar Tandon, S S Rajput, Siddarth Mukherjee, Suresh Pai**

- ❖ Flail chest reconstruction : A challenge review of 3000 Cases in past 24 Years **Anil Gupta**
- ❖ Broncho-pleural fistula closure using ASD occluder device **Manohar Kalbande**
- ❖ A comparative study between video assisted insertion of intercostal drain and conventional technique of insertion. **Shaik Gouse Khaja Arif**
- ❖ Thoracic surgery in Indian Armed Forces - revisited **Brig. S K. Jha**
- ❖ A TALE OF HUNDRED CYSTS- A retrospective analysis of hundred consecutive cases of pulmonary Hydatid cysts. **Deepak Narayanan. A**
- ❖ Single Stage Minimally Invasive Approach of lower partial sternotomy (MILPS) for abdomino-thoracic Hydatidosis : A single surgeon experience. **Haroon Rashid**

- ❖ Role of trans hiatal oesophagectomy in carcinoma oesophagus-A retrospective pilot study. **Nadeem-ul- Naseer**
- ❖ Trans-sternal transpericardial approach in recurrent cases of Broncho-pleural fistula **Menander M**

**9:00-10:00 AM**

**Moderator: Sameer R Rao, Paresh Mane, Sai Chandra, Utpal Shah.**

- ❖ Surgical Management of Empyema Thoracis- A 7 year experience in Christian Medical College Hospital, Vellore **Deepak Narayanan. A**
- ❖ Primary airway tumours in children **Arun Beeman**
- ❖ A study on efficacy of Video Assisted Thoracoscopic Surgery ( VATS) Biopsy as a diagnostic tool **Ashith Shetty**
- ❖ Video-assisted thoracoscopic surgery of sliding hiatus hernia- a single Institute experience **Sayar Munshi**
- ❖ Results of Decortication in patients with Fibrothorax **Ishtyak Ahmed Mir**
- ❖ A retrospective study of outcomes of thymectomy for patients with myasthenia gravis **Shegu Gilbert**
- ❖ Institutional experience in Thoracic Surgery for Tuberculosis. **Chuimei Keishing**
- ❖ Management of Thoracic outlet obstruction **Arvind Kohli**

**4:00 – 6:00 PM**

**Hall D**

**FREE PAPER –VASCULAR AND AORTA**

**4:00-5:00 PM - AORTA**

**Moderators: Ashwin Pasarad , Praveen Verma , Arul Furtado**

- ❖ Study of circle of Willis in Indian population **ShivKumar Choudhary**
- ❖ Our experience with reoperations on the aortic root and ascending aorta following previous cardiac surgery **K.Mukesh**
- ❖ Our experience with prosthetic valve sparing aortic root replacement **A. Moham-med Idhrees**
- ❖ Analysis of the extent of degenerative changes in intra-pericardial aorta of patients with Bicuspid Aortic Valve **ShivKumar Choudhary**
- ❖ Management of coarctation of aorta with ascending aortic aneurysm **ShivKumar Choudhary**
- ❖ Acute type A dissection complicated by stroke **ShivKumar Choudhary**
- ❖ Aortic dissection repair - Good results are possible with attention to detail - a case series **Vasudev Pai**
- ❖ Mid term results in valve sparing aortic root replacement surgeries at a tertiary care centre in a second tier city **Kunal Krishna**
- ❖ Non Traumatic aortic emergencies : Diagnosis and Management **Thejaswi N Marla**
- ❖ Surgical management for persistent hemolysis complicating transcatheter device closure of ruptured sinus of valsalva **Mohammed Minnathullah**

**5 :00- 6:00 PM**

**FREE PAPER - VASCULAR FREE PAPERS**

**Moderators: Sumanth Raj, Rajesh, Ravi Kumar.**

- ❖ Carotid Aneurysm after stenting: a dreadful situation & its management **Asit Baran Adhikary**
- ❖ Pseudoaneurysm of femoral artery - review of 576 cases over 24 years **Anil Gupta**

- ❖ Hybrid procedures in acute on chronic lower limb ischemia **Vinay/ Murali Krishna**
- ❖ Surgical management of femoral artery pseudoaneurysms - Our series **Soumik Pal**
- ❖ Juxta -renal aortic occlusion management strategy and outcome - A tertiary care institutional experience **P.R.Murugesan**
- ❖ Can endarterectomy be useful in peripheral occlusive disease with critical limb ischemia ? **Bhuban Mukherjee**
- ❖ Hybrid aortic arch replacement : Outcome analysis **A.Mohammed Idhrees**
- ❖ Ruptured abdominal Aortic aneurysms: Our experience **Murali Krishna**

### Day 3

25<sup>th</sup> February 2017

**08:00 - 10:00 AM**

**Hall A**

#### **FREE PAPERS - CORONARY**

**8:00 to 9:00 AM session**

**Moderators: R M Mathur, Satish K, Ajay Kaul, Annirudh Trivedi.**

- ❖ Influence of Diabetes Mellitus in women undergoing CABG .**Shylesh Kunnanattil**
- ❖ Immediate and early cardiovascular functional alterations after off-pump and on-pump coronary artery bypass grafting: A comparative analytical study **Sayar Kumar Munshi**
- ❖ Randomized comparative prospective study of effects of Papaverine on LIMA flow after intraluminal instillation and topical application **Arun Garg**
- ❖ Improvement in clinical outcomes after treatment of the vascular conduit in coronary artery bypass grafting surgery **Niket Arora**



- ❖ Acute kidney injury after OPCAB surgery: incidence and outcomes. **Swadesh Ranjan Darker**
- ❖ Differential association between body mass index (BMI) and immediate outcomes after elective cardiac surgery **Chintan Mehta**
- ❖ Preoperative assessment of myocardial viability for decision making before CABG in patients with LV dysfunction **Ravi Shivdasani**
- ❖ Outcome analysis after surgical management of ventricular septal defect complicating acute myocardial infarction in a tertiary referral Government Hospital **Kallol Dasbaksi**

### 9:00 to 10:00 AM

**Moderators:** **Bhosle, Jayanth Kharbose, Satish Govindaiah, Srinivas Kolar**

- ❖ Early clinical outcomes and mortality of coronary endarterectomy in advanced coronary artery disease: A single-center experience **Lalitaditya Malik**
- ❖ Coronary artery bypass grafting with mitral valve replacement for Acute Severe Mitral regurgitation – Our experience **Krishna Kishor S**
- ❖ Assessment of Coronary Stenosis by Computation Fluid Dynamic Study **Sanjeev Dasrao Muskawad**
- ❖ In Situ versus Y- graft bilateral mammary arteries in coronary artery bypass grafting :a propensity Score -adjusted short and long term comparison **Mubassher Husain**
- ❖ Transit time flow measurement in the conduits intraoperatively after CABG – Lessons learnt **Harsha Goutham**
- ❖ Perioperative radialartery spasm- A MYTH **Shreyas Runwal**
- ❖ 'OPCAB only'-A safe alternativefor elderly patients with moderate ischemic mitral regurgitation **Amber Malhotra**
- ❖ A retrospective study of CABG outcomes in Trop T positive cases **Sujeet M Shetty**
- ❖ Predictors of mortality & morbidity in patients with severely depressed LV functions : A Single centre observational study. **Pravir Sinha**

**08:00 - 10:00AM**  
**Hall B**

**FREE PAPER - VALVE**

**8:00 to 9:00 AM**

**Moderators: Rekha Matta, Karunakar Padhy, Rajkumar Yadav,  
Shyam Prasad Shetty.**

- ❖ Decision making for surgical treatment of Ischemic Mitral Regurgitation by either CABG alone or CABG with Mitral valve **Ravi Shivdasani**
- ❖ A simple surgical technique of enlarging a small aortic root to prevent patient prosthesis mismatch **Manish Days**
- ❖ Results of minimally invasive Aortic Valve replacement in Octogenerians. **Sobaran Sharma**
- ❖ Small regent valves (17 and 19mm): can they be used safely? – A study on the outcome after aortic valve replacement with small St. judeRegent valves in patients operated at a tertiary centre in south India. **Shalom Sylvester Andugala.**
- ❖ A study of difference in left ventricular function in patients with and without false tendon undergoing mitral valve replacement **Dinesh D**
- ❖ Role of assessment of Sub mitral density in grading severity of mitral stenosis **T.Sudheendra**
- ❖ Timing is crucial in surgery for endocarditis; lessons from a case series **Vasudev B Pai**
- ❖ Septo superior vs Left atrial approach in redo mitral valve surgeries **G Praveen Prabu**
- ❖ Effect of Patient Prosthesis mismatch in mitral position on pulmonary hypertension **Ganesh Kumar**

**09:00 to 10:00 AM**

**Moderators: Manoj Kumar, Nasir Y A, Nagendra ,Aslam Hossain , Kanak Nagle.**

- ❖ Trans-aortic mitral valve repair for functional MR in patients undergoing aortic root / valve procedure: A feasibility study **Shiv Kumar Choudhary**
- ❖ Midterm outcomes of superior septal approach for mitral valve repair/replacement **Bharath Kumar M.**
- ❖ Evolution of mitral regurgitation in post aortic valve replacement patients. **Vijayanand Palanisamy**
- ❖ Effectiveness of Sildenafil in Pulmonary Hypertension secondary to Mitral valve disease **Tinni Mitra**
- ❖ Use of autologous pericardial felt for repair of functional tricuspid regurgitation- A single centre experience **C S Varma Ponnamanda**
- ❖ Comparative analysis of three classical approaches to mitral valve – classical left atrium v/s transseptal v/s superior septal in view of sinus rhythm functions in early postoperative and follow up of 1 year **Chintan Mehta**
- ❖ To study the outcome of double versus single valve replacement for Rheumatic heart disease **Dasari Kalyani Rama**

**0800 - 1000 AM**

**Hall C**

**FREE PAPER - CONGENITAL**

**08:00 to 9:00AM**

**Moderators: Shantanu Pandey , Bipin Radhakrishna, Vijay Agarwal, Prakash Hiremath.**

- ❖ Total anomalous systemic venous drainage – Management and outcome in six patients. **Chinnaswamy Reddy**
- ❖ Cor triatriatum: really rare.....?? **Ketak Nagare**
- ❖ Pulmonary hypertension post surgical correction of TAPVC **Shreyas S Runwal**
- ❖ Aortopulmonary Window: Our Series **Subhash Kumar Kadim**

- ❖ Predictors of outcome following aortic valve repair for aortic regurgitation complicating ventricular septal defect – A retrospective study **Mahendranath S Prasad**
- ❖ Size of Patent ductus arteriosus - A determining factor for the modality of surgical treatment **Menander. M**
- ❖ Repeated failed extubation in an operated case of Cardiac TAPVD due to undiagnosed tracheal bronchus **Shah Tejas**
- ❖ Comparison between hyperkalemic cardioplegia and moderate potassium cardioplegia. **Madhusudhan M.G.**

### 9:00 to 10:00 AM

**Moderators: S R Mohanty, Deepak Satsangi, Devanand , Kishore Joshi**

- ❖ A Case of long Segment distal arch Coarctation: Our approach **A Anagha Tulsi**
- ❖ Management of severe supra valvular aortic stenosis, severe supra valvular pulmonary stenosis with right pulmonary artery origin stenosis using 3 patch technique. **R.K.R Noveen Davidson**
- ❖ Shone's Complex: A rare tetrad **Sumbul Siqqiqui**
- ❖ Results of surgery for discrete membranous sub-aortic stenosis **Sachin Talwar**
- ❖ Risk categorization for surgical repair of double aortic arch - data from a 10 year cohort **Arun Beeman**
- ❖ Ruptured Sinus of Valsalva - Our surgical experience **Abhishek Joshi**
- ❖ Accessory mitral valve tissue causing LVOTO - Our surgical experience with three cases **Naveen Pandarinathan**

- ❖ Minimally invasive beating heart closure of Atrial Septal Defects **Sunil Agrawal**

**16:00-18:00hrs**

**HALL B**

**Free Papers - Others**

**4:00 to 5:00 PM**

**Moderators: Julius Punnen, Kewal Krishnan, Anabarasu Mohan Raj,  
Rajesh.K.Rao**

- ❖ Phrenic nerve injury with ice slush in open heart surgery - myth or reality ? **Md Faizzus Sazzad**
- ❖ Heart Transplantation outcomes after Mechanical support with Heart Ware Ventricular Assist Device: Single Centre Experience **Hassiba Smail**
- ❖ Technical innovations to simplify the management of post-cardiac surgery sternal dehiscence: Plastic Surgery for Cardiac Surgeons **Chacko Cyriac**
- ❖ Impact of retrograde autologous priming of the cardiopulmonary bypass circuit on post operative hemodilution and blood transfusion requirements **Remananda Krishnanand Pai**
- ❖ Renal cell carcinoma (RCC) with intracardiac extension: Radical excision under moderate hypothermia **ShivKumar Choudhary**
- ❖ 30 day Re-admission Post Cardiac Surgery **Vinay Malhotra**
- ❖ Heart transplant (Light at the end of the tunnel) –Our experience **Pravir Sinha**
- ❖ Mid term experience of adult ECMO in India **Kewal Krishan**

**17:00 to 18:00hrs**

**Moderator:Shailesh Jain, Rajesh T R, Sundar Ramanathan , Sanjeev Kumar.**

- ❖ Cardiopulmonary bypass standstill :A guide to young cardiac surgeons !**Pooja Shetty S**
- ❖ Ventricular assist devices: A new lease of life **Kewal Krishan**

- ❖ Comparison of predictive validity of EuroSCORE II and Society of Thoracic Surgeons [STS] score for clinical outcome in patients undergoing open heart surgery , a prospective observational study **Mohammed Abiduddin Arif**
- ❖ To study the effect of CPB in serum levels of Procalcitonin and C- reactive protein **Karthick Kavin**
- ❖ Hybrid Cardiac Surgery- A single centre experience **Swapnil Deshpande**
- ❖ Determination of maximum VO<sub>2</sub> ( oxygen consumption ) on CPB at 32 degree Celsius **Rajesh Deshmukh**
- ❖ Surgical management of chronic thromboembolic pulmonary hypertension- A Single Centre Experience. **Ashwin Uday Phadke**
- ❖ Mediastinitis : Incidence and prognosis of early versus late presentation **S.Sehrawat**
- ❖ Rejection after heart transplantation: Role of 77 consecutive endomyocardial biopsies in an active heart transplant centre. **C Manoras Mathew**
- ❖ Risk stratification and risk evaluation of indian patients undergoing cardiac surgery - Indian Score -M.M.Yusuf

**4:00-6:00PM**

**HALL C**

### **Free papers- Congenital**

**Moderators: Girish Warriar , Sunil P K , Brig Ramesh Kaushik , Amber Malhotra**

- ❖ 'Fourth time Lucky' – Heart transplant as final solution after 3 surgeries for congenital heart disease **Anitha Chandrasekhar**
- ❖ Surgical management of complex congenital cases in remote locations: The Difficulties and solutions. **Mohammad Fazle Maruf**
- ❖ Heart transplantation in patients with single ventricle. **Ganapathy Subramaniam.M.K.**

- ❖ Surgical Planning with optimised 3D Printed sections of heart **Guruprasad Kuppu Rao**
- ❖ Pushing boundaries for organ acceptance in paediatric heart and lung transplantation **Arun Beeman**
- ❖ Difficulties arising in smaller setup with improper diagnosis doing pediatric cardiac surgery **Tameem Ahmed**
- ❖ Bidirectional Glenn on Cardiopulmonary Bypass: A comparison of 3 techniques **Sachin Talwar**
- ❖ Delayed chest closure in congenital heart surgery: Challenging yet satisfying **Pooja Shetty.**

**5:00 to 6:00 PM**

**Moderators: Neelam Desai, Ravi Agarwal, Robert Coelho, Col Sameer Kumar**

- ❖ Surgical palliation for critically reduced pulmonary flow in neonates : A tailored approach **Ganapathy Subramaniam.M.K.**
- ❖ Standardising the Pulmonary artery banding could LAST (Left Anterior Small Thoracotomy) be the answer? **B. R. Jagannath**
- ❖ Bidirectional Glenn shunt without cardiopulmonary bypass our initial experience **Jaswinder Singh**
- ❖ Immediate and early post operative sequelae of off pump total cavopulmonary connection **Sachin Talwar**
- ❖ Surgery in grown up adults with congenital heart diseases (GUCH) – A single centre 11 year Experience **Akhilesh Arumalla**
- ❖ Cost effective Tricuspid valve repair for patients with infective endocarditis **Anupama Rao**
- ❖ Retrograde flow for weaning off ECMO: Our experience **Nischal R Pandey**
- ❖ Developing a ventricular assist device programmed in developing nation **.Kushalendra Rathore**



## Scientific Program