

# ISECTCON

February 21 - 22, 2025

India International Conventions Center,  
Yashobhoomi, Dwarka, New Delhi

DAY – 1 (Friday) | 21st February 2025

Time	Session / Topic	Speaker
07:30 Hrs Onwards	REGISTRATION	
Session – 1: Free Paper Session (08:00 Hrs – 09:12 Hrs)		
Chairpersons – Sri Jayanti, Ramesh K K, V Surya Narayana, Naresh walia, Alok Tiwari		
08:00 – 08:08 Hrs	A Cohort Study on Incidence of Haemolysis during Cardiopulmonary Bypass on Adult Cardiac Surgeries – A Prospective Analysis	<b>Nirman Kanna De</b> (NH Banglore)
08:10 – 08:18 Hrs	Use of Retrograde Pulmonary Perfusion (RPP) in Pulmonary Embolism – A Technique	<b>Akhalesh Sureshchand Maurya</b> (Banaras Hindu University, Banaras)
08:20 – 08:28 Hrs	Cardiac Output Optimization of Pediatric CPB Using SVO2 Saturation	<b>Siddharth Venu</b> (Star Hospital, Hyderabad)
08:30 – 08:38 Hrs	Artificial Intelligence (AI) in Goal Directed Perfusion (GDP)	<b>Mrinal Mandal</b> (Senior Perfusionist, NEIGRIHMS, Shillong)
08:40 – 08:48 Hrs	DO2 – A critical parameter in reducing Acute Kidney injury during on Pump Coronary Artery Bypass Grafting	<b>Azarudeen</b> (S Madras Medical Mission Hospital, Chennai)
08:50 – 09:00 Hrs	In line blood monitoring and GDP based perfusion management with Essenz Perfusion System	<b>Manoj M C</b> (LivaNova India Pvt Ltd)
09:00 – 09:20 Hrs	Tea Break	
Session – 2: Minimal Invasive Cardiac Surgery (09:30 Hrs – 11:16 Hrs)		
Chairpersons – Siddharth Satapathy, Deshraj, Satish Chaudhary, Karthi Murugan		
09:20 – 09:35 Hrs	Minimal Invasive Cardiac Surgery in India	<b>Dr Yugal K Mishra</b> (Manipal Hospital, New Delhi)
09:37 – 09:52 Hrs	Role of Perfusionist in MICS Heart Transplant	<b>Dr Udgeath Dhir</b> (FMRI, Gurugram)
09:54 – 10:02 Hrs	Role of Artificial Intelligence (AI) in Cardiac Surgery	<b>Dr K M Mandana</b> (Fortis Hospital, Anantpur, Kolkata)
10:04 – 10:12 Hrs	CPB Management in Robotic Cardiac Surgery – Our Experience	<b>P V S Prakash</b> (NH, Banglore)
10:14 – 10:22 Hrs	Perfusion strategies in a case of Robotic ASD Closure	<b>Prajwal G Kamath</b> (Medanta The Medicity)
10:24 – 10:32 Hrs	Minimal Invasive Cardiac Surgery (MICS) Our Experiences	<b>Harmeet Singh Sodhi</b> (Livasa Hospital, Mohali)
10:34 – 10:42 Hrs	Impact of Intra and Postoperative cell salvage utilization on Inflammatory response in minimally Invasive Cardiac Surgery	<b>Senthil Kumaran Dhanakotti</b> (Apollo Hospital, Banglore)
10:44 – 10:52 Hrs	Right Infra Auxiliary Mics with Central Cannulation	<b>Sudipta Sinha</b> (NH, Ravindranath Tagore Hospital, Kolkata)
10:54 – 11:04 Hrs	ATS as Clinical outcome Improvement Strategy in Advanced Cardiac Surgery	<b>Siddu S Neginahal</b> (LivaNova India Pvt Ltd)
11:05 – 11:58 Hrs	Inauguration	
11:58 – 12:10 Hrs	Life Time Achievement Award Distribution & Felicitation to Founder Members	
12:10 – 12:15 Hrs	Invitation for ISECT CON 2026, Mumbai	
Session – 3: Aortic Surgery and Cerebral Protection (12:16 Hrs – 14:05 Hrs)		
Chairpersons – PVS Prakash, Bhaskar Chandra Pant, Vinay Kelkar, Senthil Kumaran Dhanakotti		
12:16 – 12:24 Hrs	Ascending Aortic Aneurysm with type A – Dissection extending to Arch and right CCA and Severe AR – A Case Report	<b>Jagdish Chandra</b> (RML, New Delhi)
12:26 – 12:34 Hrs	Bilateral Antegrade Cerebral Artery Perfusion for TEVAR with Continuous Hemofiltration – A Case Report	<b>Karthi Murugan</b> (CMC, Vellore)
12:36 – 12:44 Hrs	Cardiopulmonary Bypass Strategies for Cerebral Protection in Aortic Arch Surgery	<b>Rajesh Yadav</b> (AIIMS, New Delhi)
12:46 – 12:54 Hrs	Multiple Arterial Cannulation and Dual Pump Technique as Perfusion Strategies for Redo Sternotomy in Frozen Elephant Trunk and David procedure – A Case Report	<b>Syed Abdul Muqstith</b> (G Kuppuswamy Naidu Memorial Hospital, Coimbatore)

Time	Session / Topic	Speaker
12:56 – 13:04 Hrs	Optimizing Neurological Outcomes: Cerebral Protection and Flow Monitoring in Aortic Dissection Surgery	<b>Somnath Das</b> (NH R N Tagore Hospital, Kolkata)
13:06 – 13:14 Hrs	Debunking Myths on Perfusion and Cannulation Strategies and its effect on Neurological Outcomes in type A Aortic Dissection Surgery	<b>Kappa Sandeep Kumar Raju</b> (Yashoda Hospital Hitech City, Hyderabad)
13:16 – 13:24 Hrs	Left Heart Bypass for Thoracoabdominal Aorta Replacement – How we do it	<b>Kalaimani Dhandapani</b> (NH, Banglore)
13:26 – 13:34 Hrs	Mild to Moderate Hypothermia with selective Perfusion of Viscera in Open Thoracoabdominal Repair – Perfusion Strategies	<b>Vignesh R</b> (SIMS Hospital Chennai)
13:36 – 13:51 Hrs	Advancements in Aortic Surgery	<b>Dr Hiremath</b> (Indrapartha Apollo, New Delhi)
13:53 – 14:01 Hrs	The Journey – Case Presentation on CPB for LV Apical Clot Removal to Temp Bi-VAD to Heart Transplant	<b>Abhay Aruna Anant Chavan</b> (Medtronic Pvt Ltd)
14:02 – 15:02 Hrs	<b>Lunch</b>	
<b>Session – 4: ECMO (15:05 Hrs – 16:44 Hrs)</b>		
<b>Chairpersons – Arya Khare, Yogendra Singh, Sunil Vyas, Harmeet Singh Sodhi</b>		
15:05 – 15:20 Hrs	When to initiate ECMO in patients, Does timing Matters	<b>Dr Anil Bhan</b> (Medanta, The Medicity)
15:22 – 15:30 Hrs	Therapeutic impact of ECMO in Liver Transplant for Wilson Disease – A Case Report	<b>Aarthi C,</b> (Koval Medical Center Hospital, Coimbatore)
15:32 – 15:40 Hrs	Optimizing Left Ventricular Venting in VA ECMO: Indications and Technical Approaches	<b>Pranabesh Paria</b> (Fortis Hospital Kolkata)
15:42 – 15:50 Hrs	Extra of Extracorporeal	<b>Saurabh Ashok Holamb</b> (Kokilabhen Dhirubhai Ambani Hospital, Mumbai)
15:52 – 16:00 Hrs	Clinical and Technical Complication on ECMO and Proactive Troubleshooting	<b>Kinnari Natwarlal Chudasama</b> (Lilavati Hospital & Research Centre Mumbai)
16:02 – 16:10 Hrs	Opportunities that will shape the future of Perfusionist	<b>Dr Vijaya Lanje</b> (Kim's Kingsway Hospital, Nagpur)
16:12 – 16:20 Hrs	Mechanical Circulatory Support in Post Live Liver Donor Case	<b>Kalla Sujith Kumar</b> (AIG Hospital Hyderabad)
16:22 – 16:32 Hrs	MIECC or Closed Circuit CPB – Practical Approach in The Present Scenario	<b>James Joseph</b> (BL Lifesciences Pvt Ltd)
16:34 – 16:44 Hrs	Understanding Bicaval Valves system & its role in Alleviating Symptoms of Tricuspid Regurgitation: Tricvalve Solution	<b>Dr A G K Gokhale</b> (Relisys Medical devices Hyderabad)
16:46 – 17:01 Hrs	<b>Tea Break</b>	
17:01 – 17:30 Hrs	ECMO troubleshooting & hands on	<b>James Joseph, Yogendra Singh Chauhan, Tarun Patra</b>
<b>Welcome cocktail and dinner – 19:00 Hrs Onwards</b>		<b>Venue – Aagman Resort, (Old Palam Vihar, Bijwasan, Delhi)</b>
<b>DAY – 2 (Saturday)   22nd February 2025</b>		
Time	Session / Topic	Speaker
07:30 Hrs Onwards	<b>REGISTRATION</b>	
<b>Session – 1: Free Paper Session (08:00 Hrs – 09:24 Hrs)</b>		
<b>Chairpersons – Debasis Ray, Dr Vijay Vyawahare, Vishal Patel, Chittaranjan Dash, Ravindra Sawardekar</b>		
08:00 – 08:08 Hrs	Isothermic VS Hypothermic CP in paediatrics CPB	<b>M R M Alarmel Mangai</b> (Sri Gokulam Speciality Hospital, Salem)
08:10 – 08:18 Hrs	A Novel Elective Strategy for CPB in TAVI Cases: Insights from NH Experience	<b>Dilip V,</b> (NH, Banglore)
08:20 – 08:28 Hrs	Enhancing Cardiopulmonary bypass (CPB) efficiency with an integrated Perfusion disposables Kit: "A Make in India" Initiative	<b>Naina Payal</b> (JIPMER, Puducherry)
08:30 – 08:38 Hrs	NIRS monitoring in advanced practice to prevent Acute Kidney Injury in post CPB Patient – A Retrospective Analysis	<b>Mainak De</b> (R.G.Kar M.C.H, Kolkata)
08:40 – 08:48 Hrs	Modified Cost Effective Cardioplegia Delivery Sysytem – Our Experience	<b>Renjini Krishna M,</b> (Amrita Institute of Medical Science & Research Centre, Kochi)
08:50 – 08:58 Hrs	1st time experience in ECPR followed by Organ Donation: An expansion of Perfusion beyond Cardiovascular and Respiratory Ailments	<b>Deblal Pandit</b> (Medica Superspecialty Hospital Kolkata)
09:00 – 09:10 Hrs	Next Generation Biomedicus Cannula – Advantages and Experience of Apollo Hospital	<b>Emmanuel Manohar Rajasingh</b> (Medtronic Pvt Ltd)

Time	Session / Topic	Speaker
09:12 – 09:22 Hrs	Role of IABP & Perfusionist Perspective	<b>C Srinivasan</b> (Meril Lifesciences Pvt Ltd)
09:24 – 09:39 Hrs	<b>Tea Break</b>	
<b>Session – 2: Pediatric Perfusion and Myocardial Protection (09:39 Hrs – 11:19 Hrs)</b>		
<b>Chairpersons – Krishna Prasad TH, Radhakrishnan Nair, P Mathavan, Dinesh Maiti</b>		
09:39 – 09:47 Hrs	Selective Cerebro–myocardial Perfusion in complex neonatal aortic arch	<b>Sujit Bamne</b> (Fortis Hospital, Mumbai)
09:49 – 09:57 Hrs	Tiny Hearts, Giant Leaps: Advancing pediatric Cardiopulmonary Bypass	<b>Arthy S</b> (All India Institute of Medical Sciences Rishikesh)
09:59 – 10:07 Hrs	Dynamic Hematological Modulation in Infant and Pediatric Cardiopulmonary Bypass: Exploring Corpuscular Volume and Osmolarity shifts with before and after Pre–Bypass Ultrafiltration (P–BUF)	<b>Ayisha Hadiya PN</b> (JIPMER, Puducherry)
10:09 – 10:17 Hrs	Perfusion Strategy for sickle cell disease with Tetralogy of Fallot – A Case Report	<b>Parthiban Kuppusamy</b> (SRCC Children Hospital (NH) Mumbai)
10:19 – 10:27 Hrs	A comparative study of “Del Nido” based microplegia to “St. Thomashospital solution” based microplegia in pediatric patients undergoing congenital cardiac surgical repair for Tetralogy of Fallot and Ventricular Septal Defect	<b>Saveena Bishnoi</b> (UN Mehta Hospital Ahmedabad)
10:29 – 10:37 Hrs	Bivalirudin: An Anticoagulant alternative for Heparin–Induced Thrombocytopenia – A Case Report	<b>R Sunitha</b> (SRIHER, Chennai)
10:39 – 10:47 Hrs	Perfusion Techniques during Interrupted Arch Repair using Mild Hypothermia – Is it Possible	<b>Ajayraj R L</b> (NH, Bangalore)
10:49 – 10:57 Hrs	Present Practices & Role of Perfusionist	<b>Kancherala Suvarna Sekhar</b> (Meril Lifesciences Pvt Ltd)
10:59 – 11:14 Hrs	Current Trend in Pediatric Myocardial Protection	<b>Dr Sachin Talwar</b> (All India Institute of Medical Sciences, New Delhi)
11:30 – 12:30 Hrs	Hybrid Panel discussion on, "Perfusionists standard and future challenges in India" – Panel Discussion hosted by Sam Emmanuel, LivaNova, Singapore	<b>Panelists–</b> PVS Prakash (NH Bangalore, India) Sundar Rajan Subramanian (Abu Dhabi, UAE) Alok Tiwari (Kolkata, India) Karthi Murugan (CMC Vellore, India) Mok Tze Bing (IJN, Malaysia), Ibnu Sofa (Harapan Kita, Indonesia)
12:30 – 13:00 Hrs	<b>Terumo Quiz challenge: Test your brain!</b>	
13:00 – 14:00 Hrs	<b>Lunch</b>	
14:00 – 16:45 Hrs	<b>GBM</b>	
16:45 – 17:00 Hrs	<b>Tea Break</b>	
Welcome cocktail and dinner – 19:00 Hrs Onwards		Venue – Aagman Resort, (Old Palam Vihar, Bijwasan, Delhi)
08:30 Hrs Onwards	<b>Poster Paper Session from 21st Feb, 2025</b>	
<b>Chairpersons – Kinnari Chudasama, Nilesh Mecwan, Shailendra Kumar Singh, Mehul Pandya</b>		
Effectiveness of using Auto Transfusion System in Cardiac Surgery		<b>Surabhi Sanjay Hinge</b> (Kokilaben Dhirubhai Ambani Hospital, Mumbai)
Strategies and Challenges for a Perfusionist in Minimal invasive Cardiac Surgery		<b>Deepak M</b> (Sri Ramchandra Institute of Higher Education and Research, Chennai)
Correlation between Lactic Acidosis and Multiorgan Dysfunction Syndrome in patients undergoing Cardiac Surgery with Cardiopulmonary Bypass		<b>S S Kirti</b> (Sri Ramachandra Institute of Higher Education & Research, Chennai)
A Novel Technique for De–Airing the ECMO Circuit – A Prototype		<b>Don Sebastian</b> (Sreechitra Institute for Medical Science and Technology, Trivandrum)
Perfusion Sparing Techniques in the repair of post TAAD Aortic Pseudoaneurysm		<b>Saranya R</b> (G Kuppuswamy Naidu Memorial Hospital, Coimbatore)
Perfusion Implications in ASD Closer Dextrocardia with Situs Inversus		<b>Anmol Vyas</b> (Kamla Multispeciality Hospital, Jhansi)
Innovative approaches and outcomes in Aortic Arch Repair		<b>Dulara Rose P Moncy</b> (Calicut Medical College, Calicut)
ECMO– Assisted Management of Complex Endocarditis Involving all Valves and VSD with Multi Organ Dysfunction		<b>Saibal Tripath</b> (Medica Superspecialty Hospital, Kolkata)
Multifactorial Dynamic Perfusion Index – A new era of Goal Directed Perfusion		<b>Judah Festus Daniel</b> (NH, Bangalore)