68th Annual Conference of the Indian Association of Cardiovascular and Thoracic Surgeons

Theme: Disseminating Knowledge & Facilitating Skills........Together

www.iactscon2022.com

IACTSCON
2022

7th - 10th April 2022 | Hotel Jaipur Marriott

Programme
Lillehei’s Hall (B)
### Session – 1 – Congenital

**Moderators:** Dr. Christian Brizard/ Dr. KS Iyer/ Dr. K. Shiva Prakash/ Dr. S.K Kaushal/ Dr. Milind P. Hote

1. "CCTGA : Where do we stand today?"
   - Dr. Rajesh Sharma

2. TGA; Is it still all about the coronaries?
   - Dr. Christian Brizard

3. TGA with intact ventricular septum: proper timing and need for retraining.
   - Dr. Roberto Di Donato

4. Residual lesions: Technical excellence is necessary but not sufficient.
   - Dr. KS Iyer

5. Cardiac stem cell therapy: does a new born/infant's heart have infinite potential for stem cell therapy?
   - Dr. Shunji Sano

### Session – 2

**Moderators:** Dr. Z. S. Meharwal/ Dr. Ajay Sharma/ Dr. Sanjay Gandhi/ Dr. Mohit Roy

1. Awake and Ambulatory ECMO.
   - Dr. Arpan Chakraborty

2. ECMO for COVID as a Bridge To recovery.
   - Dr. Madan Kumar Raj
Day - 1 (07 April, 2022) ECMO

**Time: 04:00 to 5:45pm (12+3 mins)**

Session – 2
Moderators - Dr. Z. S. Meharwal/ Dr. Ajay Sharma/ Dr. Sanjay Gandhi/ Dr. Mohit Roy

3. ECMO as a bridge to lung transplantation.
   - Dr. Walter Klepetko

4. Predictors of possible wean from ECMO.
   - Dr. Paul Ramesh

5. Choice of Temporary LVADs – Indian Perspective.
   - Dr. Kewal Krishan

6. Role of cytokine adsorption in complex cardiac surgery.
   - Dr. Carlos Mestres

**Time: 5:45 to 8:00 pm**

Inaugural Function (Hall-E)

**Time: 8:00 pm onwards**

Inaugural Dinner (Hall-E)

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Day - 2 (08 April, 2022)

**Time: 7:30 - 8:15 am**

Topic- Inhale Joy exhale stress: Meditation session with Dr Mohit Sharma (Cardiac Surgeon and Faculty Art of living)
### Session – 3 - Congenital
**Moderators – Dr. Chinnaswamy/ Dr. Ravi Agarwal/ Dr. R.S Mohanty/ Dr. Devananda/ Dr. Alok Mathur**

1. Interrupted IAA repair: stagged vs Primary & Beating vs on-pump vs TCA repair.
2. Surgical options for HOCM/ Subaortic Stenosis.
3. Congenital mitral valve stenosis: Surgical management and outcome.
4. AVSD repair: Strategies in neonates and infants.
5. How to Make sure the adequacy of complex arch repairs.
6. Yasui operation staged v/s primary.

**Time: 10:00 to 11:00 am (10+2 mins)**

**Session – 4 - Paradigm Shift**
**Moderators – Dr. Balram Airan/ Dr. Suresh Rao/ Dr. Baiju S. Dharan/ Dr. Sachin Kuthe/ Dr. Mustafa Zamil**

1. Navigating a career in CHD surgery.
2. Pediatric cardiac surgery in India at the crossroads.
4. Setting up a congenital heart surgery program in different scenarios.
5. Optimizing safety communication and teamwork in and around the pediatric operating room.
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<tr>
<th>Time: 11:00 to 12:00 noon (10+2 mins)</th>
<th>08 April, 2022</th>
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<tr>
<td>Session – 5 - Congenital</td>
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<tr>
<td>Moderators - Dr. Devagourou Velayoudam/ Dr. Amit Mishra/ Dr. Raja Joshi/ Dr. Sudip Dutta/ Dr. Amit Saran</td>
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1. HLHS: Hybrid Strategy.  
4. Double switch procedure outcomes in cCTGA.  

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<th>Time: 12:00 to 12:45 pm (30+15 mins) (Hall-A)</th>
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<td>Moderators – Dr. KS Iyer/ Dr. CS Hiremath</td>
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<td>Dr. C. S. SADASIVAN ORATION</td>
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<td>“The Road ahead – Identifying the Potholes” :Dr. Kunal Sarkar</td>
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<th>Time: 12:45 to 1:30 pm (45mins) (Hall-A)</th>
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Therefore lunch will be served from 12-3 pm. The scientific programs will simultaneously run un interrupted. |                |

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<th>Time: 1:30 to 2:15 pm (45mins)</th>
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### Day - 2 (08 April, 2022)

#### Time: 02:15 to 3:15 pm (10+2 mins)
**Session – 6 - Congenital**  
**Moderators – Dr. B.R. Jagannath/ Dr. Tapan Das/ Dr. Girish Warrier/ Dr. Sabrinath Menon/ Dr. Ankit Mathur**

1. Blood sparing techniques and outcomes in congenital heart repairs.  
   - Dr. Joachim Photiadis
2. Ebstein’s repair in neonate & infants v/s adolescents & adults.  
   - Dr. T. Susheel Kumar
   - Dr. Sivakumar Sivalingam
   - Dr. Devagourou Velayoudam
5. Atypical ALCAPAs: Horses for the courses.  
   - Dr. Amit Mishra

#### Time: 03:15 to 4:15 pm (10+2 mins)
**Session – 7 - Congenital**  
**Moderators – Dr. Parvathi Iyer/ Dr. Suresh Rao/ Dr. Shaunak Shah/ Dr. Pradeep Kaushik/ Dr. Sanjay Gandhi**

1. Neonatal shunts Surgical & ICU perspective.  
   - Dr. Sabrinath Menon
2. Surgical options for TOF with absent pulmonary valve syndrome.  
   - Dr. Debashish Das
   - Dr. Girish Warrier
4. Ongoing quest for an ideal surgical repair for ToF  
   - Dr. Baiju S. Dharan
5. Ventricular Function impairment after ToF repair.  
   - Dr. Raja Joshi
### Session – 8 - Late Presentation

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<tr>
<td>Moderators - Dr. B.R. Jagannath/ Dr. Gaurav/ Dr. Vishal Singh/ Dr. Mustafa Zamil/ Dr. Faiz Shalhal/ Dr. Ajay Meena</td>
<td>Lillehei’s Hall (B)</td>
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1. How to manage: Ventilator dependency in post operative CHD patients.  
   - *Dr. Parvathi Iyer*
2. Surgical options in TGA: Role of Palliative switch.  
   - *Dr. Smruti Ranjan Mohanty*
3. Surgical options for coarctation of aorta in adults.  
   - *Dr. R.V. Kumar*
4. Late Presenting Single Ventricle: Management Strategies.  
   - *Dr. Ashish Katewa*
5. Delayed presentation of complete AV CANAL.  
   - *Dr. Gaurav Kumar*

### Time: 5:15 to 5:45 pm (Hall-A)

**Key Note Address**

- Moderators – Dr. KS Iyer/ Dr. Karan Singh Yadav
- Half a century of Cardiovascular surgery - Dr. Devendra Saksena

### Time: 6:30 pm

**GBM**

### Time: 8:00 pm onwards

**Gala Dinner - EP (East Lawn)**
**Day - 3 (09 April, 2022)**

### Time: 08:30 to 10:15 am (12+3mins)
**Session – 9**
**Moderators – Dr. B.R. Jagannath/ Dr. K. Shiva Prakash/ Dr. Shaouqaq Shah/ Dr. Pradeep Kaushik/ Dr. Palkesh Agarwal/ Dr. Hemlata Verma**

1. The devil is in details in CHD surgery: Nightmare cases. **Dr. Krishna Manohar**
2. Surgical option for difficult TAPVC subsets. **Dr. B. R. Jagannath**
3. Operating in “STENTLAND “DEALING WITH METALS IN THE HEART. **Dr. Bipin Radhakrishnan**
4. Approach to the surgical management of late presenting babies. **Dr. Vijay Sadasivam**
5. Handmade valved PTFE conduit: Simplified construction and growing data. **Dr. Thomas Mathew**
6. Close Saves of Near Misses In Paediatric Cardiac Surgery. **Dr. Jameel Khan**
7. PA banding and its management. **Dr. Sachin Kuthe**

### Time: 10:15 to 11:45 am (12+3mins)
**Session – 10**
**Moderators – Dr. Krishna Manohar/ Dr. Sachin Talwar/ Dr. Girish Warrier/ Dr. Vijay Sadasivam/ Dr. Vinod Gupta**

1. BD Glenn: False sense of security v/s definitive operation v/s an inter stage operation. **Dr. Issam El-rassi**
2. Surgical management of single ventricle : from perfect fontan to failing FONTAN. **Dr. Roberto Di Donato**
3. Attrition in different stages of FONTAN operation. **Dr. Sachin Talwar**
4. Fontan Failure: Early V/S Late Management. **Dr. Suresh Rao**
5. Is lateral tunnel FONTAN operation, still relevant v/s extra cardiac FONTAN. **Dr. Balram Airan**
6. Evaluation of surgical techniques of Fontan operation. 

Dr. Neville Soloman

1. Four decades of establishment of RV-PA continuity in India.

Dr. Ravi Agarwal

2. Shone’s complex with emphasis on mitral stenosis.

Dr. Tapan Das


Dr. Pradeep Kaushik


Dr. Praveen Tambrallimath

5. Aortic valve replacement in the very young.

Dr. Roberto Di Donato

6. Factors affecting adverse outcome after ALCAPA repair.

Dr. Devananda

Time: 12:00 to 03:00 pm 
Lunch

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Time: 1:15 to 2:00 pm (45mins)
Symposium by Medtronic (Hall-A)  Symposium by Abbott (Hall-C)
## Day - 3 (09 April, 2022)

### Time: 2:00 to 03:00 pm (12+3 mins)

**Session – 12**  
**Moderators** – Dr. Balram Airan/ Dr. Manoj Durairaj/ Dr. Pradeep Kaushik./ Dr. Mohit Sharma/ Dr. Akshay Sharma

1. Developing a Pediatric Heart Transplant Program & Widening boundaries for paediatric cardiac transplantation.  
   - Dr. Nagarjun Muthialu
2. Pushing boundaries: Accepting/sizing of oversized heart for adult congenital heart diseases or one size fits all : A Review?  
   - Dr. K. R. Balakrishnan
3. Pediatric mechanical support, what is available and what is possible in Indian context.  
   - Dr. Ganpathi K.
4. Pediatric mechanical support : What needs to be done to bring it from bench to bedside.  
   - Dr. Pradeep K. Radhakrishnan

### Time: 3:00 to 04:45 pm (12+3 mins)

**Session – 13**  
**Moderators** – Dr. Rajiv Lochan Tiwari/ Dr. Devananda/ Dr. Sivakumar Sivalingam/ Dr. Prashant Mahawar/ Dr. Anamika Mehta/ Dr. Kanupriya

1. Emergency cardiac intervention.  
   - Dr. J Ranganathan
2. Fast-track extubation after infant cardiac surgery: Can quality be economically efficient?  
   - Dr. Rajnish Garg
3. Fast-track extubation after infant cardiac surgery: The fast tracking to no where?  
   - Dr. Vishal Singh
   - Dr. Ashutosh Singh
5. Early Post operative interventions- Pediatric cardiac surgical patients.  
   - Dr. Neeraj Awasthi
### Day - 3 (09 April, 2022)

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<th>Time: 3:00 to 04:45 pm (12+3 mins)</th>
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<td>6.</td>
<td>Late Post operative interventions Pediatric cardiac surgical patients.</td>
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<td>7.</td>
<td>Follow-up guidelines in post-operative cyanotic patients.</td>
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**Time: 5:00 to 5:30 pm**

The Cardio Vascular entrepreneur initiative (Hall-A)

Impact of COVID on healthcare economics and on Cardiothoracic specialty - THE ROAD TO RECOVERY

Dr. Ashutosh Raghuvanshi, CEO, FORTIS group

**Banquet Dinner (08:00 pm onwards)**
### Day - 4 (10 April, 2022)

**Time: 8:30 to 10:00 am (12+3 mins)**

**Session – 14**

**Free Paper**

**Moderators : Dr. Sachin Talwar/ Dr. Faizar (Dhaka)/ Dr. Ankit Mathur**

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<tr>
<td><strong>1.</strong></td>
<td>Off label use of ado 1 for VSD device closure: short-term and mid-term results.</td>
<td>Dr. Sudheer Volluri</td>
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<td><strong>2.</strong></td>
<td>A retrospective observational study on the clinical outcome of surgical Repair of sinus venosus atrial septal defect comparison between warden Procedure vs patch repair technique in our institution.</td>
<td>Dr. Pusarla Naga Sai Lakshmi</td>
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<td><strong>3.</strong></td>
<td>A prospective study to assess the role of age and body weight on surgical outcomes in infants Undergoing intracardiac repair for tetralogy of fallot.</td>
<td>Dr. Shruti Banerjee</td>
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<td><strong>4.</strong></td>
<td>A study on clinical presentation, surgical procedure and outcome in infants with Coarctation of aorta.</td>
<td>Dr. Rupesh Kumar</td>
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<td><strong>5.</strong></td>
<td>Correlation of age, left ventricular mass index, thickness of interventricular septum and Left ventricular strain pattern on early postoperative recovery after arterial switch operation in Transposition of the great arteries.</td>
<td>Dr. Murlimohan Soma</td>
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<td><strong>6.</strong></td>
<td>One and half patch technique of AV canal repair.</td>
<td>Dr. Pradeep Gnanasekharan</td>
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<td><strong>7.</strong></td>
<td>Svc augmentation with in situ right atrial tissue advancement in repair of anomalous pulmonary Venous connections.</td>
<td>Dr. Hareesh Mukri</td>
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<td><strong>8.</strong></td>
<td>18 years follow up of ross procedure – A case report.</td>
<td>Dr. N. Madhu Sankar</td>
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<td><strong>9.</strong></td>
<td>Ventricular septal defect and aortic regurgitation: AV repair using leaflet extension.</td>
<td>Dr. Krishnan Ganapathy Subramaniam</td>
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<td><strong>10.</strong></td>
<td>Proximal AP window with internal PA banding: a simple alternative to Norwood or DKS reconstruction to palliate single ventricle physiology.</td>
<td>Dr. Krishnan Ganapathy Subramaniam</td>
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<td>Session – 15</td>
<td>Free Paper</td>
<td>Moderators: Dr. Anil Bhan/ Dr. M.A. Chishti/ Dr. Sanjay Sharma/Dr. Sameer Dhingra</td>
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<td>Time: 11:00 to 12:30 pm</td>
<td>1. Is malperfusion the major determinant of outcome in type A aortic dissection.</td>
<td>Dr. Sendur Selvam S</td>
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<td>2. Are small sized mechanical valves adequate for the Indian population with small aortic roots?</td>
<td>Dr. Pratik Pandey</td>
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<td>3. Determinants of outcome following total and extended total aortic arch replacement in the Indian scenario.</td>
<td>Dr. Venkatesa Kumar Anakaputhur</td>
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<td>4. Open technique of Aneurysmectomy for Infrarenal Abdominal Aortic Aneurysms: Does it have scope at present.</td>
<td>Dr. Haroon Rashid Naqshi</td>
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<td>5. Acute Type A Aortic Dissection - early and late outcomes.</td>
<td>Dr. Chandrasekar Padmanabhan</td>
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<td>6. Correlation of coagulopathy and frozen elephant trunk use in aortic arch surgery: A systematic review and meta - analysis.</td>
<td>Dr. Matti Jubouri</td>
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<td>7. Duration of Deep Hypothermic Circulatory Arrest (DHCA) for Aortic Arch Surgery: is it a Myth, Fiction, or Scientific Leap?</td>
<td>Dr. Matti Jubouri</td>
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<td>8. What is the long-term clinical efficacy of the Thoraflex™ Hybrid prosthesis for aortic arch repair?</td>
<td>Dr. Matti Jubouri</td>
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<td>9. Surgery for Type A Acute Aortic Dissection- Our 3 years experience.</td>
<td>Dr. Apeksha Mittal</td>
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<td>10. Aortic Cuspal Reconstruction with Autologous Pericardium using locally made templates.</td>
<td>Dr. Raja Suman Datta Aduri</td>
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<td>Time: 12:30 to 2:00 pm</td>
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1. A study to compare the effects of open and closed endotracheal suction systems on the haemodynamic parameters among cardiac surgery patients in intensive care unit. **Dr. Reena Chhillar**

2. “Effectiveness of hands on versus video assisted training on Compression only life support among layperson”. **Dr. Smita Das**

3. Reexpansion Pulmonary Edema Following Decompression of Massive Spontaneous Pneumothorax/Pleural Effusion: A Rare but Avoidable Catastrophe. **Dr. Kawoosa Nadeem Ulnazeer**

4. Efficacy of topical Vancomycin application in cardiac surgery to reduce deep sternal wound infection: A randomised control trial at tertiary hospital. **Dr. Soham J Shah**

5. Outcomes of Ruptured Sinus of Valsalva Aneurysm -a 21 year experience. **Dr. Dipika K**

6. Antithrombin III levels in patients undergoing cardiovascular surgery and interventions. **Dr. Frankleena Parage**

7. Warm perfusion: A novel method of myocardial preservation in Atrial Septal Defects. **Dr. Mosin Mushtaq**

8. Use of near-infrared spectroscopy for monitoring distal limb perfusion in patients on intra-aortic balloon pump. **Dr. Noaman Khalid Shaikh**

9. Intermittent Cross Clamp vs Cold Cardioplegic Arrest in Adult Coronary Surgery. **Dr. K.V.V.S.D.Sriram**
10. Feasibility, Safety and Effectiveness of Left Atrial Appendage Occlusion with Surgical Stapler – A Pilot Study.

Dr. Chandra Sena, M