1ST INTERNATIONAL CONFERENCE ON

PAEDIATRIC HEART VALVE REPAIRS

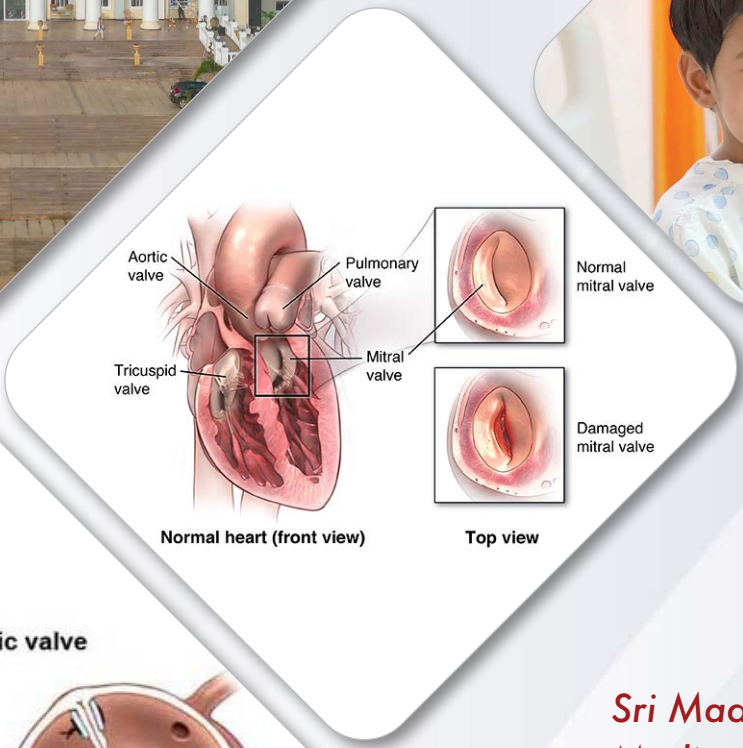
- A HYBRID EVENT -

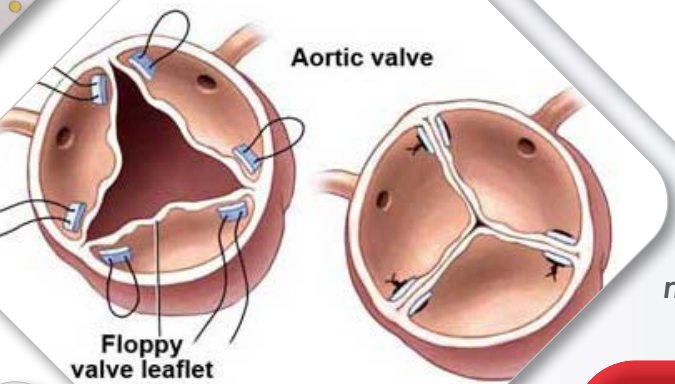
19TH AND 20TH JULY 2024













Sri Madhusudan Sai Institute of Medical Sciences and Research
& Sri Sathya Sai Sarla Memorial Hospital,
near Bangalore International Airport, Muddenahalli

CLICK HERE TO REGISTER

- *This conference is endorsed by Paediatric Cardiac Society of India and Indian Association of Cardiovascular and Thoracic Surgeons.*
- *Karnataka Medical council has sanctioned maximum 4 accreditation hours.*

1ST INTERNATIONAL CONFERENCE ON
PAEDIATRIC HEART VALVE REPAIRS - 2024

Date : 19th and 20th July 2024
Venue : Ataee Shaw Lecture Hall,
Sri Madhusudan Sai Institute of Medical Sciences and Research,
Sathya Sai Grama, Muddenahalli, Karnataka

Theme:

The ultimate function of a congenital cardiac valve is inherent to long term positive outcomes. Basics to advanced techniques of valve repair with multidisciplinary approach and exploring the new techniques.

About this course:

This two-day comprehensive programme will focus on all aspects of heart valve repair in paediatric patients including anatomic understanding of valve structure, diagnosis, imaging, surgical and non-surgical management including the technical aspects, timing of treatment, with special emphasis on complex anatomic and patient settings. This interdisciplinary hybrid event will feature a range of discussions giving insights on how to develop the most effective treatment strategy customised for your little patient with valve problem and achieve excellent long-term outcomes. The paediatric heart valve forum brings together experts and pioneers in the field to give you an evident opportunity for growth, innovation, collaboration and excellence. Trainees, residents and practicing clinicians will be trained by distinguished surgeons via wet labs, thus an opportunity to engage in one-to-one meeting with the mentors.

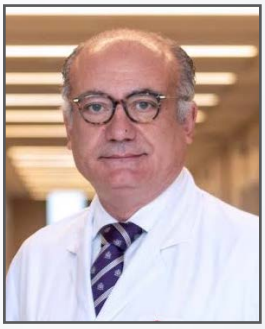
The Karnataka Medical Council designates this hybrid conference for a maximum of 4 credit points. Registration is free but compulsory. The program is endorsed by Paediatric Cardiology Society of India [PCSI] and Indian Association of Cardiovascular Thoracic Surgeons [IACTS].

Let's come together for an immersive learning experience, and jointly aim to reduce the global burden of heart valve disease in young with a multidisciplinary approach.

Who should attend:

This hybrid meeting is open to cardiothoracic surgeons, interventional and clinical cardiologists, imaging physicians, cardiac anaesthesiologists, cardiac intensivists, trainees and students, nurses and allied professionals and clinical researchers investigating heart valve disease in children.

International Faculty: Physical Presence



Dr A Kalangos, Greece



Dr Shaun Setty, USA



Dr Sivakumar Sivalingam, Malaysia

International Faculty: Online Presence



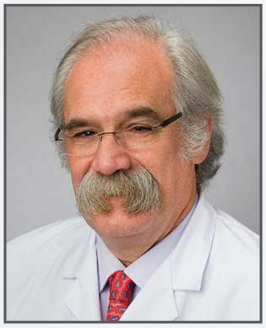
Dr Robert H Anderson, UK



Dr Jose da Silva, Pittsburgh



Dr Tom R Karl, USA



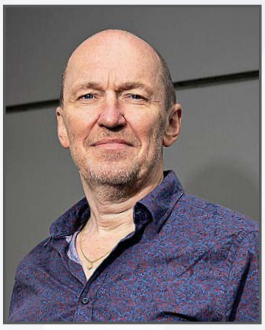
Dr Carlos A. Mestres, South Africa



Dr Zohair Y Al Halees, Saudi Arabia



Dr Pedro J Del Nido, Boston



Dr Roman Gebauer, Czech Republic



Dr Sitaram Emani, Boston



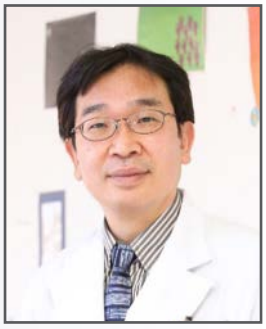
Dr Sanjiv Nichani, UK



Dr Christopher W Baird, Boston



Dr Michael Ma, USA



Dr Kisaburo Sakamoto, Japan

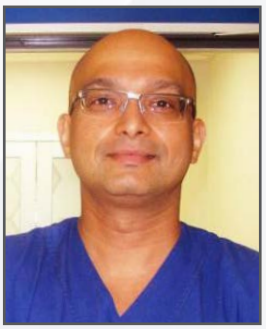
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Dr Ram, UK



Dr Nelson, Brisbrane



Dr Aparna Hoskote, UK



Dr Prem Venugopal, Brisbane



Dr Micol Rebonato, Rome



Dr Subbarayalu Balaji, Saudi Arabia



Dra. M. Lluisa Hernández Platero, Barcelona



Dr Stefano Congiu, Barcelona



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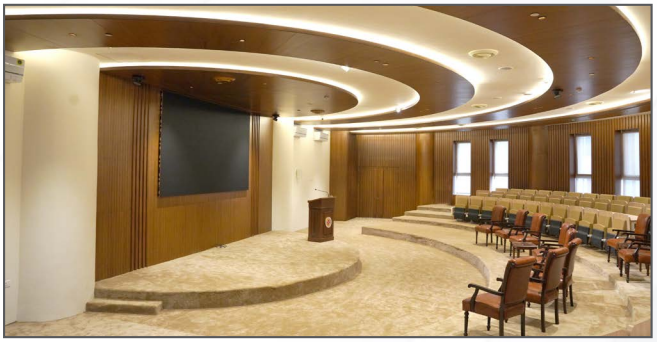


Ram S Ramaraj, UK



Dr Vivek Bagaria, UK

Event Venue : Ataee Shaw Lecture Hall





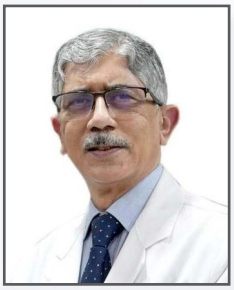
National Faculty: Physical Presence



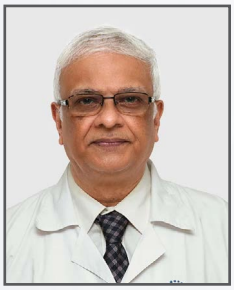
Dr K M Cherian, Chennai



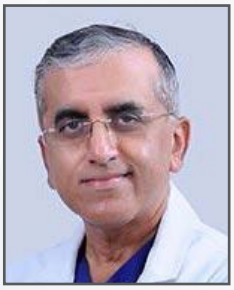
Prof. Dr. Minu Bajpai, New Dehli



Dr Krishna S Iyer, New Delhi



Dr Suresh Rao, Mumbai



Dr Shekhar Rao, Bengaluru



Dr K R Balakrishnan, Chennai



Dr Vivek Jawali, Bengaluru



Dr Mrinalendu Das, Kolkata



Dr BR Jagannath, Bengaluru



Dr Seetharam Bhat, Bengaluru



Dr V Devagourou, New Delhi



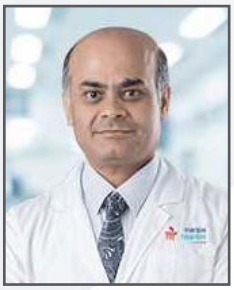
Dr Sachin Talwar, New Delhi



Dr Muralidhar Kanchi, Bengaluru



Dr Prasanna Simha, Bengaluru



Dr Devananda N S, Bengaluru



Dr Raja Joshi, New Delhi



Dr Chinnaswamy Reddy, Hyderabad



Dr Ragini Pandey, Raipur

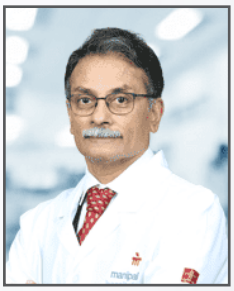


Dr Vijayakumar Raju, Coimbatore



Dr Baiju S. Dharan, Trivandrum

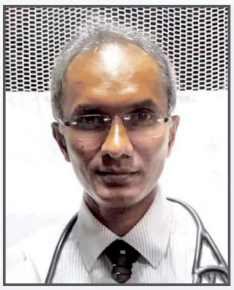
National Faculty: Physical Presence



Dr Joseph Xavier, Bengaluru



Dr Adarsh Koppula, New Delhi



Dr BC Srinivas, Bengaluru



Dr R Krishna Kumar, Kochi



Dr Snehal Kulkarni, Mumbai



Dr Jayaranganath M, Bengaluru



Dr S K Agarwal, Lucknow



Dr Jayakumar TK, Kottayam



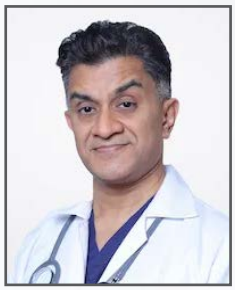
Dr Debasis Das, Kolkata



Dr Sunil Kaushal, Jaipur



Dr Manoj Kumar S P, Bengaluru



Dr Sanjay Cherian, Chennai



Dr Anand Subrahmanyam, Bengaluru



Dr Ashish Katewa, Faridabad



Dr Parimala Prasanna Simha, Bengaluru



Dr Ganapathy Subramaniam, Tirupathi



Dr Vishwanath Kamoji, Bengaluru



Dr Ravi Shankar Shetty K, Bengaluru

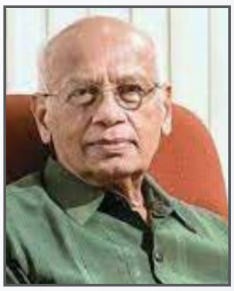


Dr Ramprassath, Madurai

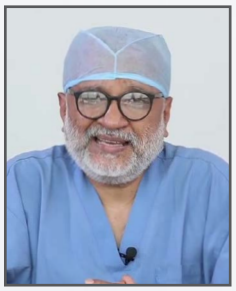


Dr Kartik Ramesh, Chennai

National Faculty: Online Presence



Dr M.S. Valiathan, Mangaluru



Dr Shivaprakash Krishnanaik, Mumbai



Dr Colin John, Bengaluru



Dr Amit Mishra, Ahmedabad



Dr V V Bashi, Chennai



Dr Sivakumar K, Chennai



Dr Smruti Rajan Mohanty, Mumbai



Dr Nageswara Rao Koneti, Hyderabad



Dr Ravi Agarwal, Chennai



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Dr Rashmi Prabhatha, Mumbai



Dr Sujith N S, Mumbai



Dr Sudesh Prabhu, Bengaluru



Dr Anagha Tulsi, Palwal

SMSIMSR CARDIAC TEAM



Dr Anand Agarwal



Dr C.S Hiremath



Dr Naveen CB



Dr Pooja Natarajan



Dr Annie Arvind



Dr G.Pavan

SCIENTIFIC PROGRAMME

Day 1: Friday, 19th July, 2024

08:00 - 08:45am	Registration and breakfast
08:45 - 09:00am	Prayer and Lamp lighting Welcome address by Dr C.S Hiremath

Session 1 - Mitral valve

Chairpersons :
Dr K M Cherian, Dr Shaun Setty, Dr Shivaprakash Krishnanaik, Dr Suresh Rao
Dr Adarsh Koppula, Dr Baiju S Dharan, Dr Sanjay Cherian

09:00 - 09:20am	Demystifying mitral valve complex-an overview of congenital mitral valve malformations Dr Robert H Anderson
09:20 - 09:40am	Rheumatic Heart Disease in children: The current scenario Dr Krishna Kumar
09:40 - 10:00am	Role of pre-operative echocardiography to tailor surgical strategy and predict outcome in congenital mitral valve disease Dr Muralidhar Kanchi
10:00 - 10:20am	What are the challenging conditions in mitral valve surgery in children: how to deal with? Dr A Kalangos
10:20 – 10:40am	Repair of Myxomatous mitral valve in children with Marfan's syndrome : A daunting task Dr Sunil Kaushal
10:40 - 11:00am	Mitral valve repair in children with acquired heart disease Dr V Devagourou
11:00 - 11:20am	Durability of mitral valve reconstruction in children based on aetiology Dr A Kalangos
11:20 - 11: 40am	Tea Break

Session 2 - Aortic valve

Chairpersons :
Dr A Kalangos, Dr Carlos A Mestres, Dr V Devagourou, Dr Ganapathy Subramaniam, Dr Ragini Pandey, Dr Joseph Xavier, Dr R Krishna Kumar

11:40am - 12:00pm	The aortic root complex: anatomy and pathology in children revisited Dr Robert H Anderson
12:00 - 12:20pm	Surgery for aortic valve endocarditis in children Dr Baiju S. Dharan
12:20 - 12:40pm	Aortic valve reconstruction in rheumatic heart disease Dr Sivakumar Sivalingam
12:40 - 01:00pm	Repair of regurgitant bicuspid aortic valves: surgical options and outcomes in children Dr Christopher W Baird
1:00 - 1:20pm	Ross procedure in paediatric patients-Case selection, technical aspects and surgical outcomes. Dr Zohair Y Al Halees
1:20 -1:40pm	Foetal aortic balloon valvuloplasty- the current scenario Dr Nageswara Rao Koneti
1: 40 - 2:00pm	Congenital Supravalvar Aortic Stenosis: Defining surgical techniques and outcomes Dr Michael Ma
2:00 - 2:30pm	Lunch Break

Session 3 - Tricuspid valve

Chairpersons :
Dr Shaun Setty, Dr Micol Rebonato, Dr C S Hiremath, Dr Prasanna Simha, Dr Devananda N S, Dr Shekhar Rao, Dr Sunil Kaushal

2:30 - 2:50pm	The congenital tricuspid valve spectrum-from Ebstein to dysplasia Dr Robert H Anderson
2:50 – 3:10pm	Comprehensive imaging in tricuspid valve-does it impact surgical outcomes? Dr Snehal Kulkarni
3:10 - 3:30pm	Ebstein's Anomaly- the Master's perspective Dr Jose Da Silva
3:30 – 3: 50pm	Ebstein's anomaly-the Indian perspective Dr Chinnaswamy Reddy
3:50 – 4:10pm	Tricuspid stenosis in young-when and how to address it Dr Shivaprakash Krishnanaik
4:10 – 4:30pm	Management of severe tricuspid regurgitation in systemic right ventricle Dr Pedro J. del Nido
4:30 - 5:00pm	Tea Break
5:00 - 6:00pm	Inaugural Session **Chief Guest -** Dr. K. M. Cherian *Cardiac surgeon, Chairperson & CEO, Frontier Lifeline Hospital, Chennai* **Guest of Honor -** Prof. Dr. Minu Bajpai *HOD Paediatric Surgery, AIIMS, New Delhi* *Vice President & Hony. Executive Director, National Board of Examinations in Medical Sciences (NBEMS)* **Chief Patron -** Professor Dr. A Kalangos *Director of Center of Congenital Heart and Tracheal Diseases, Euroclinic Hospital, Athens, Greece.* **Divine Presence -** Sadguru Sri Madhusudan Sai *Founder Sri Madhusudan Sai Institute of Medical Sciences and Research*

SCIENTIFIC PROGRAMME

Day 2: Saturday, 20th July, 2024

8:00 - 8:30am : Breakfast

Session 4 - Pulmonary valve

Chairpersons :
Dr A Kalangos, Dr Roman Gebauer, Dr K S Iyer, Dr Sivakumar Sivalingam, Dr Sachin Talwar, Dr Nageswara Rao Koneti, Dr Jayaranganath M,

8:30 - 8:50am	Pulmonary valve morphology in RVOT lesions Dr Robert Anderson
8:50 - 9:10am	Pulmonary Ozaki- basic principles, indications and procedural aspects Dr Vijayakumar Raju
9:10 – 9:30am	Surgical strategies for preservation of pulmonary valve in Tetralogy of Fallot Dr Raja Joshi
9:30 – 9:50am	Valved conduits for RVOT augmentation – factors affecting the choice Dr B R Jagannath
9:50 - 10:10am	Percutaneous pulmonary valve implantation in children- current scenario Dr Sivakumar K
10:10 - 10:30am	Long-term Outcomes of current commercially available RVOT conduits Dr Suresh Rao

Session 5 - Common AV valve

Chairpersons :
Dr Raja Joshi, Dr Chinnaswamy Reddy, Dr Suresh Rao, Dr Debasis Das,
Dr K R Balakrishnan, Dr Manoj Kumar SP, Dr Ashish Katewa

10:30 - 10:50am	Valve morphology in atrioventricular septal defect: Pathological variants Dr Robert Anderson
10:50 - 11:10am	Common AV valve repair in balanced AVSD - surgical techniques and factors defining long-term outcome. Dr Krishna S Iyer
11:10 – 11:30am	Redo AV valve repair in AVSD: surgical considerations Dr Shaun Setty
11:30 - 11:50am	Biventricular repair in unbalanced AVSD Dr Sitaram Emani
11:50am -12:10pm	AV valve repair in single ventricle physiology-indication, timing and repair techniques Dr Kisaburo Sakamoto
12:10 -12:30pm	AV Valve repair in post- Glenn patients Dr Sachin Talwar

Session 6

Chairpersons :
Dr Sivakumar Sivalingam, Dr Sanjeev Nichani, Dr B R Jagannath, Dr S K Agarwal,
Dr Jayakumar TK, Dr Vishwanath Kamoji, Dr Mrinalendu Das

12:30 -1:00pm	Some valves we cannot fix, Some valves we cannot change, Heart transplantation in end-stage Valvular Heart Disease in children Dr K R Balakrishnan
1:00 - 1:15pm	Artificial Intelligence in the Tiny Heart: Advancing paediatric cardiac surgery Dr. Kartik Ramesh
1:15 - 1:45pm	Lunch Break

Session 7 - Wet lab - Hands-on workshop for valve repair techniques

20th July, 2024 -1:45 - 5:45pm

- 3 Workshops
- 15 Tables
- 7 Mentors per session
- 4 Students per table

Workshop 1	RVOT reconstruction procedures - Monocuspid and bicuspid valve (Graham Nunn Technique) Dr Shaun Setty, Dr Raja Joshi, Dr Suresh Rao, Dr Seetharam Bhat, Dr B R Jagannath, Dr Sachin Talwar, Dr Debasis Das
Workshop 2	Ozaki Dr Sivakumar Sivalingam, Dr Vijayakumar Raju, Dr Devananda N S, Dr Chinnaswamy Reddy, Dr Ragini Pandey Dr Ganapathy Subramaniam, Dr Prasanna Simha
Workshop 3	Tricuspid valve repair and Mitral valve repair - Kalangos Technique and annuloplasty rings Dr A. Kalangos, Dr Jayakumar TK, Dr V Devagourou, Dr Sunil Kaushal, Dr Joseph Xavier, Dr Adarsh Koppula, Dr Mrinalendu Das
5:45 - 6:00pm	Vote of thanks Dr Annie Arvind National Anthem High Tea

ORGANISING COMMITTEE



Organising Chairman
Professor Dr A Kalangos, MD
Director of Center of Congenital Heart and Tracheal Diseases,
Euroclinic Hospital, Athens, Greece



Organising Secretary
Dr C.S. Hiremath, DNB, MNAMS, MCh, FIACTS
Director Heart Valve Bank and Academics CTVS,
Senior Consultant and Chief cardiac surgeon,
SMSIMSR, Muddenahalli, Bengaluru

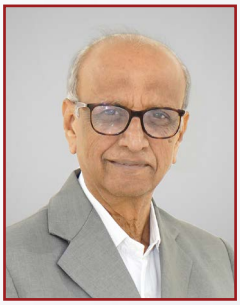


Organising Co-Chairman
Dr Shaun P Setty, MD
Medical director, Paediatric and Adult Congenital Cardiac Surgery,
MemorialCare Miller Children's and Women's hospital,
Long Beach, USA



Organising Joint Secretary
Dr Annie Arvind, MD, DrNB
Consultant, Paediatric Cardiology,
SMSIMSR, Muddenahalli, Bengaluru

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Dr A R Raghupati, MD
Director of Medical Education, SMSIMSR, Muddenahalli, Bengaluru
Treasurer, ICPHVR 2024



Dr Vasudeva Upadhyay, MD
Medical Superintendent, SMSIMSR,
Muddenahalli, Bengaluru



Dr Satish Babu K.N, MD, MRCP
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SMSIMSR, Muddenahalli, Bengaluru

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Dr A R Raghupati
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Dr Ragini Pandey
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SCIENTIFIC COMMITTEE

Professor Dr A Kalangos
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Organising Secretary, ICPHVR-2024
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Director Heart Valve Bank and Academics CTVS
Senior Consultant and Chief cardiac surgeon, SMSIMSR, Muddenahalli, Bengaluru
Secretary: Indian Association of Cardiovascular and Thoracic Surgeons

&

DR ANNIE ARVIND
Joint Organising Secretary, ICPHVR-2024
MD, DrNB
Consultant, Paediatric Cardiology, SMSIMSR, Muddenahalli, Bengaluru

For any queries, please contact the supporting staff

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