

**Dr. Krishna Subramony Iyer,
Executive Director**

Pediatric and Congenital Heart Surgery

Delhi Medical Council registration no: 6656

Clinical Speciality:

Surgical treatment of all forms of congenital (simple or complex) in all ages from newborns to adults and acquired heart diseases in children. Expertise in surgery for complex transpositions, redo surgeries, late presenting CHD, pulmonary hypertension and complex neonatal surgery

Brief Profile:

Dr. Krishna Iyer is one of India's most experienced pediatric cardiac surgeons, recognised for his clinical expertise and wide ranging involvement with cardiac care for children in India and other developing nations.

Dr. Iyer completed his M.B.B.S, M.S. and M.Ch. (Postgraduate examination in Cardiothoracic and Vascular Surgery) from All India Institute of Medical Sciences (AIIMS), New Delhi. Post his education, he joined the cardiac surgery department of AIIMS and was Additional Professor at AIIMS before moving to Escorts Heart Institute in 1995 to set up its pediatric cardiac care division. He trained in pediatric and infant cardiac surgery under the guidance of the renowned pediatric cardiac surgeon – Dr. Roger Mee - as Senior Fellow at the Department of Pediatric Cardiac Surgery at Royal Children's Hospital, Melbourne in Australia. Since his return he has endeavored to popularize the specialty of pediatric and congenital heart surgery in India

Dr. Iyer began the first dedicated pediatric cardiac care program in North India at Escorts Heart Institute Research Centre (now Fortis-Escorts Heart Institute) in 1995. Under his guidance, this pediatric cardiac program has become the benchmark for cardiac care for children in India and its South East Asian neighbours. The department caters not only to children from all parts of India but also to International patients from over 15 countries. Dr. Iyer has operated on more than 15,000 babies, children and adults with congenital heart diseases, specializing in various procedures such as the arterial switch procedure, double switch operation, TAPVC repairs, Fontan procedure and its modifications, corrections for tetralogy of Fallot, DORV, Truncus, Senning operation, conduit repairs and wide range of one stage and multi-stage corrections for complex congenital heart diseases. He has performed original work on rapid two-stage arterial switch procedures and worked on the first successful rapid two stage arterial switch and double-switch operation in India.

His current interests are in establishing benchmarks for outcomes in congenital heart disease, perfecting complex neonatal cardiac surgery, salvaging late presenters of congenital heart disease, and developing cost effective cardiac care for children in developing countries.

He has contributed prolifically to furthering the cause of paediatric cardiac care through more than 130 research publications in national and international journals, authoring sections in medical books on paediatric and neonatal cardiac surgery and travelling to cities across India and abroad to deliver lectures.

He has been the Founder President of Asia-Pacific Pediatric Cardiac Society, Founder President of the Society for Pediatric & Congenital Heart Surgery, and President of Pediatric Cardiac Society of India. He has been instrumental in supporting pediatric cardiac programs in Bangladesh, Indonesia, Nepal and Malaysia

Past Experience:

- Associate Professor (CTVS), All India Institute of Medical Sciences , New Delhi (1990-1995)
- Assistant Professor (CTVS) - All India Institute of Medical Sciences , New Delhi (1985-1990)

Education:

- MBBS, AIIMS, 1977
- M.S. (Gen. Surgery), All India Institute of Medical Sciences ,New Delhi, 1981
- M.Ch. (CTVS),- All India Institute of Medical Sciences , New Delhi, 1984
- Fellowship (Neonatal Cardiac Surgery) Royal Children's Hospital, Melbourne, Australia, 1989

Years of Experience: 37 years

Professional Memberships and other responsibilities:

- Junior Past President, Indian Association of Cardiovascular Thoracic Surgeons
- President, Society of Pediatric and Congenital Heart Surgeons
- Founder Member, Pediatric Cardiac Society of India
- Vice President, Pediatric Cardiac Society of India (2003-2005)
- President, Pediatric Cardiac Society of India (2005-2007)
- Founder President, Asia – Pacific Pediatric Cardiac Society (2005-2007)
- International Member, American Association of Thoracic Surgeons
- Permanent Member- Steering Committee for World Congress of Pediatric Cardiology & Cardiac Surgery (2009 onwards)
- Governing Council member – World University for Pediatric & Congenital Heart Surgery
- Council Member, Asian Society of Cardiovascular and Thoracic Surgery
- Past Editor-in-Chief, Indian Journal of Thoracic & Cardiovascular Surgery
- Past Editor-in – Chief, Annals of Pediatric Cardiology
- Editorial Board member – Cardiology in the Young
- Member, World Database Committee for congenital heart surgery
- Chairperson, IACTS database committee

Awards and expertise:

- Secured National Merit Scholarship for meritorious performance in the Indian School Certificate Examination (1971 – 1972)
- Awarded Ganpatrao Chittre Scholarship for securing second rank in the Inter-Science examination of the Bombay University, April 1972
- Awarded Institute Gold Medal for Best Graduate of the year at the MBBS examination in Dec.1977
- Secured following awards in All India Institute of Medical Sciences between 1973 and 1977
Institute Merit Awards for securing highest grades in the following subjects in Anatomy, Physiology, Biochemistry, Forensic Medicine, General Surgery, Obstetrics and Gynaecology
- Sardari Lal Kalra Gold Medal for Proficiency in Microbiology, May 1976
- Sorel Catherine Frieman Prize for Proficiency in Paediatrics, December 1977
- Pfizer Postgraduate Medical award, Gold Medal and Scroll of Honour, 1979
- Hira Lal Gold Medal for best postgraduate student in General Surgery, December, 1981
- Selected on merit amongst worldwide applicants to attend a workshop on Basic Aspects of Cardiac Surgery organised by the International School of Medical Sciences, Ettore Majorana, Erice, Italy, March, 1983
- Recommended for honours at the M.Ch. examination in Cardiothoracic & Vascular Surgery held in Dec. 1984.
- Awarded the Doppler award for best paper at the Sixth International Symposium on Echocardiography in Cardiac Surgery, held in Washington D.C. in Nov.1994.
- Awarded and delivered the Dr. Armida Fernandez Oration on 14th August 2005 at Mumbai
- Awarded Sadasivan Oration at the 58th Annual Conference of the Indian Association of Cardiovascular and Thoracic Surgeons held in Kolkata, Feb 2012
- Awarded and delivered the P.S.Narayanan oration at the Golden Jubilee celebrations of GB Pant Postgraduate Institute, New Delhi, March,2015
- Awarded and delivered the “Nitu Mandke Oration” – “Saving children with heart disease in India – The ongoing challenge” 10th Feb, 2018, Mumbai
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Unique Contributions:

- Started the first dedicated Pediatric Cardiac Program in Northern India at FEHI, 1995

- Performed the first successful rapid two stage arterial switch operation (1991), the first successful double switch operation (1993) in the country and first in India to successfully repair pentalogy of Cantrell in an infant in single stage
- First to generate internationally comparable outcomes in neonatal and infant cardiac surgery and surgery for complex congenital heart disease.
- Has helped to set up many paediatric cardiac programs in India, Bangladesh, Indonesia, Malaysia and Nepal.
- Recognised internationally for creating a model for delivery of high class paediatric care in an environment of limited resources.
- In collaboration with the Rotary International 'Gift if Life' program over 500 children have been provided free heart surgery.

PUBLICATIONS

Over 150 publications in peer reviewed journals and book chapters.