

Name of the Doctor:

Dr. Sandeep Gangaya Attawar

Designation: Director and HOD Cardiac

Speciality: Cardiac Specialist

Pediatric Cardiac Surgery Specialist

Brief Profile:

Dr. Sandeep Attawar is one of India's leading heart surgeons and is a recognized expert in the field of cardiothoracic surgery. Over his career, spanning a decade and a half, he has participated in over 9000 open and closed heart surgeries and is capable of performing a variety of surgical procedures on patients of any age, from neonates to octogenarians.

Dr. Attawar is an MBBS Graduate from NHL Municipal Medical College, Ahmedabad and has also done his MS (General Surgery) from the same institute. He later went on to complete his M.Ch Degree with specialization in Cardiac Surgery from Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum.

He has rich experience of 15 years as an independent surgeon; he has been instrumental in setting up 3 Heart Centers in India & abroad. These institutes include Rabindranath Tagore Institute of Cardiac Sciences, Kolkata, Apollo Hospitals, Dhaka and Narayana Hrudayalaya, Jaipur. In addition to his surgical expertise, he is an active member

In international cardiothoracic forums such as the International Society for Minimally Invasive Cardiac Surgery (ISMICS),

The Minimally Invasive Robotic Association (MIRA) and

The International Society for Heart & Lung Transplantation (ISHLT).

He had his works published in leading journals such as the Annals of Thoracic Surgery (ATS), and regularly contributes to papers and presentations delivered across the world.

EXPERIENCE:

Global Hospitals India (2012 – 2013)

Group Advisor, Director of Cardiac Surgery and Transplantation, Surgeon-in-Chief In his last assignment, he successfully performed heart & lung transplants and played a pivotal role in launching the 'Thoracic Organ Transplantation Programme' at this career. He is the only Surgeon in India to have successfully performed both Heart & Lung transplantation. His special interest lies in Surgery for Heart Failure & Mechanical Circulatory support for failing hearts including the implantation of a Totally Artificial Heart (TAH) & Ventricular assist devices.

Narayana Hrudayalaya - Jaipur (2010 – 2012)

As a lead surgeon at NH Jaipur, he conducted over three hundred open-heart cases. Past Experience (1997 – 2010) Following his specialist training at Sri Chitra Tirunal Institute for Medical Sciences and Technology, he also worked in high volume cardiac centers such as the Manipal Heart Foundation Hospital and founding Narayana Hrudayalaya in Bangalore, where he got opportunity to work with Dr. Devi Shetty. Since 1998, he had participated in over 10,000 open and closed heart surgical procedures, all of which are diverse in both the complexity of the defect and the age of the patient. In his 14 years of experience, he has done over 5500 multivessel CABG's (Coronary artery bypass), largely OP-CABG (Beating heart coronary artery bypass) using left ITA's (Internal mammary artery), free left and bilateral radial arteries, the use of a pedicled Rt GEPA (gastro epiploic artery as a vascular substitute for coronary artery bypass in over 50 cases), and over 150 reoperative CABG's

(Redo heart surgery).

He had also performed a series of surgical coronary ostial reconstruction for isolated left mainstem disease, surgical remodeling of the failing heart, also known as the Dor procedure, CABG with concomitant valve repairs/replacements and post infarct VSR (Ventricular septal rupture) repairs, root and arch replacements for ascending and arch aneurysms, Abdominal aortic aneurysms and aorto bi-femoral bypass.

He is trained pediatric cardiac surgeon too and a significant percentage of his practice has involved treating neonates and children with complex heart disease, having operated over 400 neonates and approximately 3500 children with congenital heart defects, with procedures ranging from systemic to PA shunts, VSD closures, TAPVC repairs, Aorto pulmonary window, tetralogy corrections, conduit repairs for Pulmonary atresia, the Ross procedure in children and adults, interrupted aortic arch repairs and the arterial switch operation for D-TGA and Taussig Bing heart.

He has proficiency in multiple valve replacements in children, including mitral and aortic valve repairs, and have performed over a dozen Ross procedures in patients as young as 5 years of age. Corrective surgeries for congenital heart defects in infancy form a significant part of his repertoire

#### RESEARCH & PUBLICATIONS:

Attawar SG, Nair S. Simple, Cost-Efficient Valve Suture. *Ann Thorac Surg* 1996;61:1850

Division of Cardiac Surgery, Apollo Hospitals Dhaka. Giant Coronary Cameral Fistula with Triple Vessel Coronary Artery Disease in an adult: Surgical correction with Revascularization. *Clin Pharm*, 18 (2): 83, 2008.

Bhat AM, Neelakandhan KS, Unnikrishnan M, Cherian KV, Attawar SG, Lone NG. Aortocaval Fistula Due