



Dr Gaurav Kumar

MBBS; M.S; DNB (CTVS), FRCS(CTh), MBA Fellowship Pediatric Cardiac Surgery 25+ Years Experience

Dr Gaurav Kumar is a top Pediatric Cardio Thoracic Surgeon in Delhi at Apollo Hospitals Delhi . Book appointment online with Dr Gaurav Kumar at Ask Apollo.

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Overview

Dr. Gaurav Kumar is an esteemed Paediatric Cardiac Surgeon based in New Delhi, Delhi, with over 25 years of extensive experience in the field. His educational background is impressive, holding multiple qualifications including MBBS, MS in General Surgery, DNB in Cardiothoracic Surgery, and FRCS-CTH from England. Additionally, Dr. Kumar has an MBA and has completed a Fellowship in Pediatric Cardiothoracic Surgery in Australia, highlighting his dedication to advancing his expertise in treating pediatric cardiac conditions.

Fluent in English, Hindi, and Punjabi, Dr. Kumar effectively communicates with a diverse range of patients and their families, ensuring they feel comfortable and informed about their treatment options. As a specialist in his field, he is well-versed in a variety of complex procedures aimed at addressing congenital heart defects and other cardiac issues in children, earning him the respect and trust of his colleagues and patients alike.

Dr. Kumar is affiliated with Apollo Hospitals, a prestigious name in the healthcare sector, where he utilizes cutting-edge technology and advanced surgical techniques to provide top-notch care to his young patients.

His commitment to pediatric cardiac surgery not only reflects his technical abilities but also his compassion and dedication towards improving the lives of children in need of cardiac interventions. With a strong reputation for excellence and an unwavering focus on patient outcomes, Dr. Gaurav Kumar remains a prominent figure in the realm of pediatric cardiac surgery.

Experience

Currently working as a Senior Consultant- Pediatric CTVS at Indraprastha Apollo Hospital since June, 2024.

Worked as Prof and Senior Consultant Pediatric CT Surgery

NH SRCC Children's Hospital

Haji Ali, Mumbai

Previous Position: Director

Pediatric Cardiothoracic and Vascular Surgery (Nov 2019- Dec 2021)

Fortis Escorts Heart Institute

Okhla, New Delhi

Director (Congenital Cardio Thoracic Surgery and Pediatric Cardiac Sciences)

Professor

Feb 2015- Sep 2019

Army Hospital R and R

New Delhi, India

Consultant Congenital Cardiac Surgeon (Jun 2013- Feb 2015)

Associate Professor

Army Institute of Cardiothoracic Surgery

Armed Forces Medical College

Pune, India

Senior Clinical Fellow (July 2012-Jun 2013)

(Congenital Cardiac Surgery)

Mater Children's Hospital

Brisbane, Queensland

Australia

Consultant Cardiac Surgeon (Jan 2010-June2012)

Assistant Professor
Army Institute of Cardiothoracic Surgery
Armed Forces Medical College
Pune, India

Specialist Senior Resident (CTVS) (Jan 2007-Dec 2009)

Army Hospital R and R
New Delhi
India

Consultant Gen Surg (Jan 2002-Dec 2006)

Military Hospital
Pathankot, Punjab, India

Resident (Gen Surg) (Dec 1998-Dec 2001)

Armed Forces Medical College, Pune, India

Awards

- 1.MBBS (Honours and FOGSI Medal for Obstetrics and Gynaecology) , MKCG Medical College, Berhampur , 1999
- 2.DGO CMC Vellore: Best post graduate and awarded with Dr. Mary George Gold Medal, CMC Vellore), Christian Medical College, Vellore 2004
- 3.MD CMC Vellore : Best post graduate and awarded the Dr. Balakrishnan Gold Medal, CMC Vellore), Christian Medical College, Vellore 2006
4. DNB in OG (National Board) : 2009
5. Diploma in Advanced Gynae Minimally Invasive surgery (Kiel University , Germany 2013)
6. FEMILON Trophy/Quiz by Obstetric and Gynaecological Society of South India, in Nov 2007
- 7.Second position, OG Quest 2008 (SRMC Medical College, Chennai)
8. Speaker at Eastern Oncological conference, Imphal 2017, Topic: Fertility preserving Surgeries in Cancer Cervix.
9. 2yr Fellowship in Gynae Oncosurgery (Tata Medical centre, Kolkata 2016-2018)
10. United International cancer Control Fellowship with Training in Barts Cancer Institute and Royal London Hospital, London (2017)
11. Attended several BOGSCON Conferences, Kolkata as Faculty.

Research and Publication

Publications

1. Nagpal BM, Kumar G, Nagi GS, Singh P. Sutureless closure of Operative Skin Wounds. Med J Armed Forces India 2004; 60(2): 131-133 doi: 10.1016/S0377-1237(04)80102-3
2. Goyal R, Kumar G, Waghray MR. Endotracheal tube cuff pressure monitoring in peripheral hospitals. Med J Armed Forces India 2006; 62(3): 243-245. doi: 10.1016/S0377-1237(06)80011-0
3. Kumar G, Singh AK. Pneumothorax during Laparoscopic Cholecystectomy. Med J Armed Forces India. 2007; 63(3): 277-278 doi: 10.1016/S0377-1237(07)80155-9
4. Goyal R, Kumar G, Dubey R, Malakar PK. Management of gastroschisis in a peripheral hospital. Med J Armed Forces India. 2007; 63(4) : 392-393. doi: 10.1016/S0377-1237(07)80035-9
5. Goyal R, Shukla RN, Kumar G, Tandon M. Supraventricular tachycardia with intercostal nerve block with bupivacaine treated with 10% intralipid. J Anaesthesiol Clin Pharmacol. 2011;27(4):564-5. doi: 10.4103/0970-9185.86612
6. Goyal R, Batra R, Jangde A, Kumar G. A case of single atrium and single ventricle physiology with bilateral cleft lip and palate for lip repair surgery. J Anaesthesiol Clin Pharmacol. 2012 ; 28(3): 384–385. doi: 10.4103/0970-9185.98355
7. Goyal R, Shukla RN, Kumar G. Comparison of size 2 i-gel supraglottic airway with LMAProSeal™ and LMA-Classic™ in spontaneously breathing children undergoing elective surgery. Paediatr Anaesth. 2012. 22(4); 355–359. doi: 10.1111/j.1460-9592.2011.03757.x
8. Kumar P, Devgan A, Kumar G, Hasnain S. A rare case of hypercholesterolemia in a 7-yearold girl. Med J Armed Forces India. 2014 Jul; 70(3): 293–296. . doi: 10.1016/j.mjafi.2012.10.007
9. Tiwari N, Kaushik R, Kumar G, Ganguly G, Hasnain S. Aspergilloma in a Pulmonary Hydatid. World J of Cardiavasc Surg 2013;3(3); 108-110 doi.org/10.4236/wjcs.2013.33020
10. Kumar G, Provenzano S, Alphonso N, Karl T. Esophageal perforation associated with Fontan operation: A complication of transoesophageal echocardiography. World J Pediatr Congenit Heart Surg. 2013; 4(3):293-5 doi:10.1177/2150135113482471
11. Kumar G, Panda B, Gooi A, Alphonso A, Karl T. Secondary repair of Ebstein's anomaly with atrioventricular septal defect using the cone technique. World J Pediatr Congenit Heart Surg. 2013;4(4):450-2. doi: 10.1177/2150135113501178.
12. Kumar G, Mattke A, Bollinger T, Alphonso N, Karl T. Resuscitation of a neonate with medium

chain acetyl co dehydrogenase deficiency using extracorporeal life support. World J Pediatr Congenit Heart Surg. 2014 ;5(1):118-20. doi: 10.1177/2150135113501900.

13. Menon A, Garg AA, Rai S, Nagi GS, Kumar G, Tiwari N, Ganguly G. Management of Acute type A aortic dissection. Med J Armed Forces India. 2014 70(1): 73-75
doi: 10.1016/j.mjafi.2013.02.004

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14. Sharma VK, Joshi S, Joshi A, Kumar G, Arora HS, Garg A. Does intravenous sildenafil clinically ameliorate pulmonary hypertension during perioperative management of congenital heart disease in children: A prospective randomized study: Ann Card Anaesth. 2015;18: 510-16
doi: 10.4103/0971-9784.166457

15. Pawar R, Kumar G, Sharma VK, Dalal SS. An unusual case of left bronchial compression by aneurysmal pulmonary artery in a child with atrial septal defect. World J Pediatr Congenit Heart Surg. 2016; 7(4): 509-12 doi: 10.1177/2150135115606625

16. Kumar V, Kumar G, Sharma VK, Roy S. ALCAPA associated with congenital lobar emphysema: A very rare association. J Prob Health 2017, 5:161. doi 10.4172/2329-8901.1000161

17. Kumar V, Kumar G, Joshi S, Sharma VK. Ivabradine for junctional ectopic tachycardia in post congenial heart surgery. Indian Heart J. 2017; 69(5):666-667. doi: 10.1016/j.ihj.2017.09.007

18. Kumar V, Sidhu N, Roy S, Kumar G. Myocarditis following diphtheria, whole cell pertussis and tetanus toxoid vaccination in a young infant. Ann Pediatr Card 2018;11:224-6
doi:10.4103/apc.APC_107_17

19. Kumar V, Roy S, Kumar G. An interesting and unique case of 8p23.3p23.1 deletion and 8p23.1p11.1 interstitial duplication syndrome. J Pediatr Genet. 2018;7(3):125-129. doi: 10.1055/s-0038-1637730.

20. Bhag G, Kumar G, Sahai K, Arora HS, Sharma VK. Cardiac calcified amorphous tumour in a newborn.
Ann Thorac Surg. 2018;106(1):e27-e28. doi: 10.1016/j.athoracsur.2018.02.048

21. Kumar V, Tiwari N, Joshi S, Kumar G. Right atrial tamponade post atrial septal defect surgery in a child. J Cardiovasc Dis Diagn 5: i107 doi: 10.4172/2329-9517.1000i107

22. Kumar V, Kumar G, Tiwari N, Joshi S. Role of levoatrial cardinal vein plugging in single ventricle palliation. J Cardiol & Cardiovasc Ther. 2018; 11(4): doi: 10.19080/JOCCT.2018.11.555819

23. Kumar V , Kumar G , Sharma VK. An unusual case of interventricular septum calcification in tetralogy

of fallot with absent pulmonary valve Feb 2019 (article in press) Med J Armed Forces Indi.

doi.org/10.1016/j.mjafi.2019.01.002

24. Kumar V, Kumar G, Ramamurthy R, Tiwari N, Kumar A. Curious associations of atrial septal defect: Elucidating the missing links; Retrospective descriptive study. J Cardiol Cardivasc Ther 2019; 13(3): 555863.

25. Kumar V, Kumar G, Tiwari N, Joshi S, Sharma V, Ramamurthy R. Ivabradine as an adjunct for refractory junctional ectopic tachycardia following pediatric cardiac surgery. World J Pediatr Congenit Heart Surg. 2019. 10(6) 709-14. Doi: 10.1177/2150135119876600

26. Sharma VK, Kumar G, Joshi S, Tiwari N, Kumar V, Ramamurthy R. An evolving anaesthetic protocol

fosters fast tracking in pediatric cardiac surgery: A comparison of two anaesthetic protocols. Ann Pediatr Card. 13(1) 31-7. DOI 10.4103/apc.APC_36_19

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27. Kumar A, Tiwari N, Ramamurthy R, Kumar V, Kumar G. A prospective randomized clinical study of perioperative oral thyroid hormone treatment for children undergoing surgery for congenital heart diseases. Ann Pediatr Card. 14(2):170-177. doi: 10.4103/apc.APC_193_20.

28. Tiwari N, Ramamurthy R, Kumar V, Kumar A, Dhanalaxmi B, Kumar G. The role of three dimensional printed cardiac models in the management of complex congenital heart disease. Med J Armed Forces India. 77(3). 322-330. doi: 10.1016/j.mjafi.2021.01.019.

29. Kumar A, Joshi S, Tiwari N, Kumar V, Ramamurthy HR, Kumar G, Sharma V. Comparative evaluation of high flow nasal cannula oxygenation vs nasal intermittent ventilation in postoperative pediatric patients operated for acyanotic congenital cardiac defects. Med J Armed Forces India. 10.1016/j.mjafi.2022

30. Kumar A, Ramamurthy HR, Tiwari N, Joshi S, Kumar G, Kumar V, Sharma V. Fast tracking with continuous thoracic epidural analgesia in pediatric congenital heart surgeries: an Institutional experience. Indian J Thorac Cardivasc Surg 38, 469-480(2022).

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32. Kaskar A, Dhabe V, Sen S, Pradhan P, Garg S, Kumar G. Aortic uncrossing for circumflex aorta. World J Pediatr Congenit Heart Surg 2023 Sep 23; doi: 10.1177/21501351231196500

33. Kaskar A, Kumar G. Multiple perfusion strategies for complex aortic arch reconstruction.

Research and Grants

1. Durability and role of bioprosthetic valves in women of child bearing age: A study funded by grant by Armed Forces Medical Research Committee: 2007-08. Grant Rs 500000/-
2. The mid term outcome of all mechanical prosthesis in mitral position and their comparison: A study funded by Medtronics India: Grant of RS 200000/- Per year: 2008 – 2011
3. The role and utility of 3 D model in Congenital heart surgery: Its validation as a training tool: A study funded by grant from Armed Forces Medical Research Committee: 2016-18. Grant Rs 500000/-
4. The comparison of Sonoclot® and TEG in assessing bleeding disorder after complex congenital heart surgery: A study funded by grant by Armed Forces Medical Research Committee: 2017-18. Grant Rs 2000000/-
5. The role of n GAL in assessment of occult renal dysfunction after pediatric cardiac surgery: A study funded by grant from Indian Council of Medical Research: 2016 - ongoing. Grant Rs 500000/-
6. Preop oral thyroxine and its role in CO after pediatric cardiac surgery: 2018- ongoing
7. Inflammatory markers after pediatric cardiac surgery: The role of neuraxial block: A study funded by grant from Armed Forces Medical Research Committee: 2020-22. Grant Rs 1000000/-

Frequently Asked Questions

1. Who is Dr. Gaurav Kumar?

Dr Gaurav Kumar is a renowned Pediatric Cardio Thoracic Surgery with over 25 years of experience. He practices in Delhi at Apollo Hospitals Delhi. Dr Gaurav Kumar holds a degree in MBBS; M.S; DNB (CTVS), FRCS(CTh), MBA Fellowship Pediatric Cardiac Surgery.

2. Why do patients visit Dr. Gaurav Kumar?

Patients frequently seek Dr. Gaurav Kumar's expertise for procedures such as Mitral/Heart Valve Replacement, Pacemaker Implantation, and Cardiac Pacing. For further details on his specialties, please refer to his professional profile.

3. What is Dr. Gaurav Kumar's specialization?

Dr Gaurav Kumar specializes in Pediatric Cardio Thoracic Surgery.

4. What are Dr. Gaurav Kumar's medical qualifications?

Dr Gaurav Kumar holds MBBS; M.S; DNB (CTVS), FRCS(CTh), MBA Fellowship Pediatric Cardiac Surgery, reflecting his comprehensive education in the field of Pediatric Cardio Thoracic Surgery.

5. How many years of experience does Dr. Gaurav Kumar have?

Dr. Gaurav Kumar possesses 23 years of experience in the medical field. His extensive career encompasses various medical practices.