

MALABAR MEDICAL COLLEGE HOSPITAL & RESEARCH CENTRE

DEPARTMENT OF PAEDIATRICS

Total Publications: 77

Staff & total publications:

1. Dr. K R Subbaraman – Professor & HoD : 2
2. Dr. Babu Francis C A – Professor : 3
3. Dr. Jayakrishnan M P – Professor : 29
4. Dr. Shrinath G – Professor : 8
5. Dr. Muhammed Basheer K T – Professor : 9
6. Dr. Selvaraj P – Associate Professor : 2
7. Dr. Najeeba C M – Associate Professor : 3
8. Dr. Kavitha T K – Associate Professor : 18
9. Dr. Amrutha Narayan – Assistant Professor : 2
10. Dr. Vandana V – Assistant Professor : 1

PUBLICATIONS

DR. K R SUBBARAMAN

1. K R Subbaraman, T G Sindhu, Lakshmi Raj, M N Kariparthi. Clinical profile and outcome of newly diagnosed immune thrombocytopenia in children. J Med Sci Clin Res. 2018;6(5):125-133. doi:10.18535/jmscr/v6i5.21.
2. K R Subbaraman, C V Krishnakutty. Reduction of asthma symptoms in children by lifestyle modification. Pediatr Oncall J. 2015;12(1):4-7. doi:10.7199/ped.oncall.2015.18.

DR. BABU FRANCIS C A

1. Babu Francis C A, R R K Rani, Aslam P K. Neurodevelopmental outcomes of preterm small for gestational age and appropriate for gestational age babies at one year of age. J Evol Med Dent Sci. 2020;9(43):3231-3236. doi:10.14260/jemds/2020/709.
2. Babu Francis C A, S N Vijayan, M G Geeta. Cardiovascular morbidity of infants of diabetic mothers and its association with maternal glycaemic control according to HbA1c. J Evol Med Dent Sci. 2017;6(49):3805-3809. doi:10.14260/jemds/2017/822.
3. Babu Francis C A, G V K Kuzhiyil, A K V Thamunni, M K Palamparambil, Krishnan Chakkiyara. Growth of tribal children with sickle cell anaemia: a study from South India. J Evid Based Med Healthc. 2017;4(37):2199-2202. doi:10.18410/jebmh/2017/432.

DR JAYAKRISHNAN M P

1. Jayakrishnan MP, Fiji MD, Sindhu TG, Ajithkumar VT, Kalpana G, Ajitha B. Severe adenovirus type 7 infection in children: case series from a paediatric intensive care

unit in South India. Trop Doct. 2025;55(3):264-266. doi:10.1177/00494755251351520.

2. Jayakrishnan MP, Geeta MG, Shameem AM, Krishnakumar P, Anitha PM, Roy PBB. Cardiac complications associated with Shigella encephalopathy in children. Indian J Pediatr. 2025;92(6):655. doi:10.1007/s12098-025-05512-y.
3. Jayakrishnan MP, Chakkiyar K, Sabeel Abdulla PR, Fiji MD, Vinod Kumar MS. Factors contributing to the non-identification of bacterial meningitis in febrile infants: a case series study. SAGE Open Med Case Rep. 2024;12.
4. Jayakrishnan MP, Senthivel V, Jolly B, VR A, Bajaj A, Bhoyar R, Imran M, Vignesh H, Divakar MK, Sharma G, Rai N, Kumar K, Krishna M, Shenthari J, Ali M, Abqari S, Nadri G, Scaria V, Naik N, Sivasubbu S. Whole genome sequencing of families diagnosed with cardiac channelopathies reveals structural variants missed by whole exome sequencing. J Hum Genet. 2024;69(9):455-465.
5. Jayakrishnan MP, Chandran P, KC S, AM S. SCOT deficiency - a fatal metabolic disorder treated with peritoneal dialysis. Indian J Pediatr. 2023;90(5):528.
6. Jayakrishnan MP, Sindhu TG, Sadik KC, Ajithkumar VT, Rajesh GN. Electrocardiographic abnormalities in multisystem inflammatory syndrome related to COVID-19. Indian J Pediatr. 2022;89(7):729.
7. Jayakrishnan MP, Krishnakumar P, Geeta MG, George B. Changing trends of accidental poisoning in children over the last two decades. Indian J Community Med. 2021;46(2):350-351.
8. Jayakrishnan MP, Sanjay RE, Sabeena S, Robin S, Shaji JT, Suresh EKK, Michael CJ, Aswathyraj S, Josmi J, Shahin S, Anup J, Arunkumar G. Genetic analysis of Enterovirus D68 associated with pneumonia in children from South India. J Med Microbiol. 2021;70(5).
9. Jayakrishnan MP, Govindaraj GM, Ramya U, Raj R, Athulya EP, Jain A, Scaria V, Sivasubbu S, Dhanasooraj D, Ajithkumar VT, Dongre AR, Krishnakumar P. Parental experience of hematopoietic stem cell transplantation for children with primary immune deficiency disorders. Indian J Pediatr. 2021;88(4):370-371.
10. Jayakrishnan MP, Geeta MG, Krishnakumar P, Gireeshan VK, George B, Prathiksha P, Arunkumar G, Anitha PM. Factors associated with mortality in toxic encephalopathy due to shigellosis in children. Indian Pediatr. 2020;57(11):1029-1032.
11. Jayakrishnan MP, Geeta MG, Krishnakumar P, Rajesh TV, George B. Snake bite mortality in children: beyond bite to needle time. Arch Dis Child. 2017;102(5):445-449.
12. Jayakrishnan MP, Govindaraj GM, Karuthedath Vallarikkal S, Jayarajan R, Ravi R, Verma A, Chakkiyar K, Arakkal R, Raj R, Kunnaruvath R, Sivasubbu S, Scaria V. Case report: whole exome sequencing identifies variation c.2308G>A p.E770K in RAG1 associated with B-T-NK+ severe combined immunodeficiency. F1000Res. 2016;5:2532.
13. Jayakrishnan MP, Vyas B, Puri RD, Namboodiri N, Saxena R, Nair M, Balakrishnan P. Phenotype guided characterization and molecular analysis of Indian patients with long QT syndromes. Indian Pacing Electrophysiol J. 2016;16(1):8-18.
14. Jayakrishnan MP, Sasidharanpillai S, Sabitha S, Riyaz N, Binitha MP, Muhammed K, Riyaz A, Reyila VP. Drug reaction with eosinophilia and systemic symptoms in children: a prospective study. Pediatr Dermatol. 2016;33(2):e162-e165.

15. Jayakrishnan MP, Ali A, Qureshi SF, Medikare V, Venkateshwari A, Calambur N, Rao H, Shenthathar J, Thangaraj K, Nallari P. Heat shock protein 70 gene polymorphisms' influence on the electrophysiology of long QT syndrome. *J Interv Card Electrophysiol*. 2016;45(2):119-130.
16. Jayakrishnan MP, Geeta MG, Krishnan C, Rajesh TV, Riyaz A. Staphylococcal brain abscess associated with maternal breast abscess in young infants. *Trop Doct*. 2016;46(4):233-235.
17. Jayakrishnan MP, Qureshi SF, Ali A, John P, Jadhav AP, Venkateshwari A, Rao H, Narasimhan C, Shenthathar J, Thangaraj K, Nallari P. Mutational analysis of SCN5A gene in long QT syndrome. *Meta Gene*. 2015;6:26-35.
18. Jayakrishnan MP, Qureshi SF, Ali A, Venkateshwari A, Rao H, Narasimhan C, Shenthathar J, Thangaraj K, Nallari P. Genotype-phenotype correlation in long QT syndrome families. *Indian Pacing Electrophysiol J*. 2015;15(6):269-285.
19. Jayakrishnan MP, Qureshi SF, Ali A, Venkateshwari A, Rao H, Narasimhan C, Shenthathar J, Thangaraj K, Nallari P. Atrial natriuretic peptide gene - a potential biomarker for long QT syndrome. *EXCLI J*. 2014;13:834-842.
20. Jayakrishnan MP, Qureshi SF, Ali A, Ananthapur V, Calambur N, Thangaraj K, Nallari P. Novel mutations of KCNQ1 in long QT syndrome. *Indian Heart J*. 2013;65(5):552-560.
21. Jayakrishnan MP, Krishnakumar P, Gauthamen R, Sabitha S, Devarajan E. Autonomic dysreflexia in acute disseminated encephalomyelitis. *Pediatr Neurol*. 2012;47(4):309-311.
22. Jayakrishnan MP, Veny J, Feroze M. Rickettsial infection with hemophagocytosis. *Trop Doct*. 2011;41(2):111-112.
23. Jayakrishnan MP, Krishnakumar P, Devarajan E. Acute disseminated encephalomyelitis presenting as depressive episode. *Indian J Psychiatry*. 2011;53(4):367-369.
24. Jayakrishnan MP, Krishnakumar P. Clinical profile of acute disseminated encephalomyelitis in children. *J Pediatr Neurosci*. 2010;5(2):111-114.
25. Jayakrishnan MP, Krishnakumar P, Beegum MN, Riyaz A. Acute disseminated encephalomyelitis presenting as acute psychotic disorder. *Indian Pediatr*. 2008;45(12):999-1001.
26. Jayakrishnan MP, Devarajan E. Situs inversus with autosomal recessive polycystic kidney disease. *Indian Pediatr*. 2008;45(8):701-702.
27. Jayakrishnan MP, Riyaz A, Riyaz N, Mohamed Shiras PT, Ajith Kumar VT, Ajith BS. Revesz syndrome. *Indian J Pediatr*. 2007;74(9):862-863.
28. Jayakrishnan MP, Krishnakumar P. Macroscopic T wave alternans in long QT syndrome. *Indian J Pediatr*. 2006;73(6):539-540.
29. Jayakrishnan MP, Sasidharan CK, Anoop P, Vijayakumar M, Reetha G, Sindhu TG. Spectrum of clinical presentations of vein of Galen aneurysm. *Indian J Pediatr*. 2004;71(5):459-463.

DR. SHRINATH G

1. Shrinath G, Muhammed Basheer KT, Najeeba CM, Vandana V. Role of exclusive breastfeeding in reducing morbidity among low birth weight infants: a prospective

- study. *Int J Med Public Health*. 2025;15(4):131-137. doi:10.70034/ijmedph.2025.4.25.
2. Shrinath G, Muhammed Basheer K T, Vidhu Ashok, Anjali T R. Adolescent vaccination status and parental intent to get a COVID-19 vaccine for their adolescent. *Int J Acad Med Pharm*. 2023;5(1):273-276. doi:10.47009/jamp.2023.5.1.56.
 3. Shrinath G , Najeeba C M, Vidhu Ashok. Mobile device use for calming and emotional reactivity and executive functioning in young children. *Int J Acad Med Pharm*. 2023;5(1):719-723. doi:10.47009/jamp.2023.5.1.149.
 4. Shrinath G, Muhammed Basheer K T, V Bhanushali, K S Premlal. A study on the health status of adolescent school students in North Kerala during the COVID-19 pandemic lockdown. *Apollo Med*. 2022;19(4):225-229. doi:10.4103/am.am_60_22.
 5. Shrinath G, Muhammed Basheer K T, Vidhu Ashok, Anjali T R. Prevalence of congenital heart diseases in children: an analysis of 197 patients in a tertiary care hospital of Kerala. *Eur J Mol Clin Med*. 2022;9(4):215-226. doi:10.31838/ejmcm.09.04.20.
 6. Shrinath G, K Lal, V V Bhanushali, K R J S. Knowledge, attitude and practice regarding infants and young child feeding practices among mothers in North Kerala during the COVID-19 pandemic. *Int J Sci Res*. 2021. doi:10.36106/ijsr/8102439.
 7. Shrinath G, Riyas Chungathu. A study on environmental factors and comorbid conditions associated with obesity in 5-15 years age group. *Int J Sci Stud*. 2018;5(10):75-81. doi:10.17354/ijss/2018/16.
 8. Shrinath G, N Rajesh, M R Laveesh. Incidence of early onset hypocalcaemia in newborns admitted in level III NICU. *Int J Med Pediatr Oncol*. 2017;3(4):180-182. doi:10.18231/2455-6793.2017.0041.

DR MUHAMMED BASHEER K T

1. Muhammed Basheer KT, Shrinath G, Najeeba CM, Vandana V. Role of exclusive breastfeeding in reducing morbidity among low birth weight infants: a prospective study. *Int J Med Public Health*. 2025;15(4):131-137. doi:10.70034/ijmedph.2025.4.25.
2. Muhammed Basheer K T, Selvaraj P. Comparison of different neonatal disease severity scoring systems for predicting mortality risk in neonatal intensive care unit: a cross-sectional study. *Indian J Neonatal Med Res*. 2025;13(2):PO06-PO11. doi:10.7860/IJNMR/2025/76723.2441.
3. Muhammed Basheer K T, Ajnas V V, Gopalan A V. Umbilical cord blood hemoglobin as a predictor of significant neonatal hyperbilirubinemia in term newborns in a tertiary care centre in North Kerala. *Asian J Pediatr Res*. 2023;13(2):26-31. doi:10.9734/ajpr/2023/v13i2259.
4. Muhammed Basheer K T, Shrinath G, Vidhu Ashok, Anjali T R. Adolescent vaccination status and parental intent to get a COVID-19 vaccine for their adolescent. *Int J Acad Med Pharm*. 2023;5(1):273-276. doi:10.47009/jamp.2023.5.1.56.
5. Muhammed Basheer K T, Shrinath G, Bhanusali V, Premlal K S. A study on the health status of adolescent school students in North Kerala during the COVID-19 pandemic lockdown. *Apollo Med*. 2022;19(4):225-229. doi:10.4103/am.am_60_22.
6. Muhammed Basheer K T, Shrinath G, Vidhu Ashok, Anjali T R. Prevalence of congenital heart diseases in children: an analysis of 197 patients in a tertiary care

hospital of Kerala. Eur J Mol Clin Med. 2022;9(4):215-226. doi:10.31838/ejmcm.09.04.20.

7. Muhammed Basheer K T, Sunil Kumar Agarwalla, Pulak Ranjan Mallik, Subhrajit Parida. The lobster claw anomaly: a rare report of an Indian family demonstrating autosomal dominant inheritance pattern. Int J Curr Res. 2016;8(11):41192-41194.
8. Muhammed Basheer K T, Sunil Kumar Agarwalla. A rare association of pentalogy of Fallot with situs inversus totalis complicated by brain abscess in an adolescent. J Clin Diagn Res. 2016;10(12). doi:10.7860/JCDR/2016/23712.9098.
9. Muhammed Basheer K T, Shubhankar Mishra, Pravakar Mishra, Narendra Behera. Castleman's disease presenting as a persistent asymptomatic cervical lymphadenopathy in a child: a very rare disease with atypical presentation. Int J Biomed Adv Res. 2015;6(11):807-809.

DR. SELVARAJ P

1. Selvaraj P, Kanniyar Binub, Krishna Raj J S, Jacob George P, Sumna V M, Amrutha M S, Rakesh Ramachandran. Discernment of antimicrobial resistance among health professionals at a medical college in Kozhikode District, India: a qualitative study. J Popul Ther Clin Pharmacol. 2025;32(9):1214-1219.
2. Selvaraj P, Muhammed Basheer K T. Comparison of different neonatal disease severity scoring systems for predicting mortality risk in neonatal intensive care: a cross-sectional study. Indian J Neonatal Med Res. 2025;13(2):PO06-PO11. doi:10.7860/IJNMR/2025/76723.2441.

DR NAJEEBA C M

1. Najeeba C M, Vandana V, Muhammed Basheer K T, Shrinath G. Role of exclusive breast feeding in reducing morbidity among low birth weight infants: a prospective study. Int J Med Public Health. 2025.
2. Najeeba C M, Vidhu Ashok, Shrinath G. Mobile device use for calming and emotional reactivity and executive functioning in young children. Int J Acad Med Pharm. 2023;5(1):719-723. doi:10.47009/jamp.2023.5.1.149.
3. Najeeba C M, Madhu George, Jino Joseph, Abdul Tawab. Proportion of ophthalmia neonatorum following prophylaxis with azithromycin eye ointment in newborns at a tertiary care centre in Central Kerala. Int J Contemp Pediatr. 2021;8(10):1720-1724. doi:10.18203/2349-3291.ijcp20213737.

DR. KAVITHA T K

1. Kavitha TK, Jayashree M. Critical pertussis: "Prevention is better than cure." Pediatr Respirol Crit Care Med. 2024;8(4):69-72. doi:10.4103/prcm.prcm_9_24.
2. Kavitha TK, Philip B, Najia, Gopalan AV, Sasidharan K. Clinical profile, severity and intensive care needs of children admitted with respiratory syncytial viral infections in PICU: post COVID trend. 2023.
3. Kavitha TK, Angurana SK, Agarwal A, Gawalkar AA, Jaswal V, Koneru V, Rohit MK, Puri GD, Jayashree M. An infant with congenital heart block and SARS-CoV-2 infection:

- challenges in diagnosis and management. *J Postgrad Med Edu Res.* 2022;56(1):34-36. doi:10.5005/jp-journals-10028-1557.
4. Kavitha TK, Williams V, Dash N, Suthar R, Mohandoss V, Jaiswal N, Nallasamy K, Angurana SK. Clinicolaboratory profile, treatment, intensive care needs, and outcome of pediatric inflammatory multisystem syndrome temporally associated with SARS-CoV-2: a systematic review and meta-analysis. *J Pediatr Intensive Care.* 2022;11(1):1-12. doi:10.1055/s-0040-1719173.
 5. Kavitha TK, Madabhavi P, Takia L, Awasthi P, Chaluvashetty SB, Aneja A, Menon P, Nallasamy K, Angurana SK, Lal S, Jayashree M. Life-threatening upper gastrointestinal bleeding due to ruptured gastroduodenal artery aneurysm in a child. *JPGN Rep.* 2021;2(1):e034. doi:10.1097/PG9.000000000000034.
 6. Kavitha TK, Achanya P, Ezhumalai G, Kesavan S, Panigrahi I, Saini L, Ahuja CK, Angurana SK. Hypertensive emergency with medullary and spinal hemorrhage in Turner syndrome. *Indian J Pediatr.* 2021;88(9):929-930. doi:10.1007/s12098-020-03646-9.
 7. Kavitha TK, Samprathi M, Jayashree M, Gautam V, Sangal L. Clinical profile of critical pertussis in children at a pediatric intensive care unit in Northern India. *Indian Pediatr.* 2020;57(3):228-231. doi:10.1007/s13312-020-1756-3.
 8. Kavitha TK, Bhattacharya D, Dash N, Sharma M, Gautam V, Verma S. Lurking infantile pertussis: experience from a tertiary care center in Northern India. *J Pediatr Infect Dis.* 2020;15(5):257-261. doi:10.1055/s-0040-1714709.
 9. Kavitha TK, Awasthi P, Kumar S, Angurana SK, Suthar R, Jayashree M. Pseudo-paralysis: clinical clue to diagnosis of congenital syphilis. *Indian J Pediatr.* 2020;87(7):561-562. doi:10.1007/s12098-020-03210-5.
 10. Kavitha TK, Angurana SK. Dexmedetomidine for prolonged sedation in the PICU: panacea or pinnacle. *Pediatr Crit Care Med.* 2020;21(11):1026-1027. doi:10.1097/PCC.0000000000002451.
 11. Kavitha TK, Angurana SK. Long-term respiratory morbidity among children with acute respiratory failure: much more to discover. *Crit Care Med.* 2020;48(12):e1368-e1369. doi:10.1097/CCM.0000000000004592.
 12. Kavitha TK, Bansal A, Jayashree M. 678: Comparison of midazolam-fentanyl vs. midazolam-ketamine in pediatric raised ICP due to CNS infection. *Crit Care Med.* 2020;48(1):319. doi:10.1097/01.CCM.0000626452.31877.c0.
 13. Kavitha TK, Kumar S, Angurana SK. Kerosene, camphor, and naphthalene poisoning in children. *Indian J Crit Care Med.* 2019;23(Suppl 4):S278-S281. doi:10.5005/jp-journals-10071-23316.
 14. Kavitha TK, Banerjee A, Dhawan S, Sankhyan N. When posture gives the clue: "Jug handle deformity." *J Pediatr.* 2019;211:219. doi:10.1016/j.jpeds.2019.03.030.
 15. Kavitha TK, Gupta N, Kabra SK, Lodha R. Association of serum vitamin D levels with level of control of childhood asthma. *Indian Pediatr.* 2017;54(1):29-32. doi:10.1007/s13312-017-0992-7.

BOOKS PUBLISHED

1. Kavitha TK, Rajendran A, Thilagavathi V. Chapter on oncological emergencies. In: *Pediatric Intensive Care Protocols.* IJPP Series 13; 2022.

2. Kavitha TK, Jayashree M. Toxin mediated diseases. In: Gupta P, Bagga A, editors. Principles of Pediatric & Neonatal Emergencies. 4th ed. New Delhi: Jaypee Brothers Medical Publishers; 2020.
3. Kavitha TK, Nallasamy K, Singhi SC, Singhi P. Approach to headache in an emergency room. In: PGIMER Management Protocols in Emergency Medicine. 2020.

DR. AMRUTHA NARAYAN

1. Amrutha Narayan, Ananda Kesavan T M. Caregiver burden assessment of children with neurodevelopmental disorders in a tertiary care centre. IP Int J Med Paediatr Oncol. 2023;9(2):56-61. doi:10.18231/j.ijmpo.2023.011.
2. Amrutha Narayan, Ananda Kesavan T M, Freena Rose. An uncommon presentation of filariasis: a case report. IP Int J Med Paediatr Oncol. 2023;9(1):48-50. doi:10.18231/j.ijmpo.2023.009.

DR VANDANA V

1. Vandana V, Najeeba C M, Muhammed Basheer K T, Shrinath G. Role of exclusive breast feeding in reducing morbidity among low birth weight infants: a prospective study. Int J Med Public Health. 2025.