



DR. SHAMKIRAN

Associate Consultant - Pediatric Endocrinology

Qualification

MBBS | MD (Paediatrics) | FRGUHS (Fellowship In Paediatric & Adolescent Endocrinology)

Overview

Dr. Shamkiran is a highly dedicated paediatric endocrinologist in Kanakapura Road. He is currently practising as an Associate Consultant - Pediatric Endocrinology at Manipal Hospitals Kanakapura Road, specialising in the diagnosis and long-term management of hormonal and metabolic disorders in children and adolescents. He completed his MBBS from a renowned Medical College, Davangere, followed by an MD in Paediatrics from well known Institute of Child Health, Bengaluru. He further pursued a post-doctoral Fellowship in Pediatric and Adolescent Endocrinology from the same institution for advanced pediatric subspecialty training. Dr. Shamkiran manages a wide spectrum of pediatric endocrine conditions. His areas of expertise include Type 1 diabetes mellitus, growth disorders (short stature and growth hormone deficiency), disorders of puberty (precocious and delayed puberty), polycystic ovarian syndrome in adolescents, congenital adrenal hyperplasia, adrenal insufficiency, thyroid disorders, disorders of sex development, neuroendocrine and pituitary disorders, and endocrine complications related to childhood cancers. He is also actively involved in survivorship endocrinology, supporting children who develop

hormonal complications following cancer treatment. Dr. Shamkiran has a special interest in pediatric Type 1 diabetes and is strongly focused on integrating diabetes technology into routine care. He is experienced in the use of continuous glucose monitoring systems, insulin pump therapy, and hybrid closed-loop systems. His work in diabetes care includes insulin titration, management of diabetic ketoacidosis, structured diabetes education programmes, and long-term follow-up aimed at preventing complications and improving quality of life. Dr. Shamkiran places strong emphasis on counselling, emotional support, and family education, recognising the psychosocial challenges associated with chronic endocrine disorders in children. Beyond clinical care, Dr. Shamkiran is deeply committed to academics and research. He has authored and co-authored peer-reviewed publications in national and international journals, including research on continuous glucose monitoring in resource-limited settings and rare pituitary genetic disorders. His work has also contributed to neonatal endocrinology literature. He actively presents at major pediatric endocrine forums and has represented his work at platforms such as ISPAD and ISPAE. His posters and papers reflect his interests in pediatric diabetes, growth disorders, and rare endocrine diseases. Dr. Shamkiran regularly participates in continuing medical education (CME) programs, workshops, and academic meetings, including specialised endocrine workshops and international conferences. He has completed focused training in pediatric endocrinology, diabetes technology, neonatal resuscitation, and high-value healthcare systems. Dr. Shamkiran has also been involved in academic teaching, mentoring residents, participating in journal clubs, and delivering CMEs for medical practitioners to strengthen early detection and management of endocrine disorders in the community. He speaks English, Hindi, and Kannada, allowing him to communicate effectively with families from diverse backgrounds.

Field of Expertise

- Pediatric Type 1 diabetes with a strong focus on diabetes technology (CGM, insulin pumps, hybrid closed-loop systems)
- Growth disorders including short stature, growth hormone deficiency, and growth impairment in chronic disease
- Pubertal disorders encompassing precocious puberty, delayed puberty, PCOS
- Endocrine complications of childhood cancer and survivorship endocrinology
- Disorders of sex development (DSD) with multidisciplinary, family-centered care
- Neuroendocrine and pituitary disorders including hypothalamic-pituitary dysfunction
- Adrenal disorders such as congenital adrenal hyperplasia and adrenal insufficiency

Languages Spoken

- English
- Hindi
- Kannada

Talks & Publications

- Kiran S, Nagarajappa VH, Sathyanarayana SO, Hegde A, Raghupathy P. Use of Continuous Glucose Monitoring System in Children with Type 1 Diabetes Mellitus in a Resource Limited Setting. Indian Journal of Endocrinology and Metabolism. May-June 2023;27(3):208-212.
- Shamkiran, Sheshadri T, Anil MU. Pituitary stalk interruption with multiple pituitary hormone deficiencies associated with a roundabout guidance receptor 1 gene mutation. Journal of

Pediatric Endocrinology and Diabetes. 2024;4:139-142.

Available from https://doi.org/10.25259/JPED_41_2024.

- Ramya Obbai Manohar, Vani Hebbal Nagarajappa, Shamkiran, Relangi Lakshmi Deepika. Clinical Progression of Subcutaneous Fat Necrosis in Neonates. Journal of Perinatology. 2024;25(3):S141. Available from <https://www.perinatology.in/unravelingthe-diverse-clinical-progression-of-subcutaneous-fatnecrosis-in-neonates>
- Presented posters: ISPAD 2023 International Conference, Rotterdam, Netherlands. Effects of COVID-19 period on BMI, weight, and glycemic control in children with type 1 diabetes mellitus.
- ISAPE National Conference, Bangalore 2023. Cherubism case report highlighting the importance of calcitonin.
- Peripheral precocious puberty secondary to HCG-secreting embryonal germ cell tumour in a child with Klinefelter syndrome.