

DR. SHAMKIRAN

Associate Consultant – Pediatric Endocrinology

Qualification

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

Overview

Dr. Shamkiran is a dedicated paediatric endocrinologist practising on Kanakapura Road. He currently works as an Associate Consultant – Pediatric Endocrinology at Manipal Hospitals, Varthur Road, where he specialises in the diagnosis and long-term management of hormonal and metabolic disorders in children and adolescents. He completed his MBBS from a reputed medical college in Davangere, followed by an MD in Paediatrics from the Institute of Child Health, Bengaluru. He further pursued a post-doctoral Fellowship in Pediatric and Adolescent Endocrinology at the same institute, gaining advanced subspecialty training. Dr. Shamkiran manages a wide range of pediatric endocrine conditions, including Type 1 diabetes mellitus, growth disorders such as short stature and growth hormone deficiency, disorders of puberty (precocious and delayed puberty), adolescent polycystic ovarian syndrome, 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, providing long-term hormonal care for children following cancer

treatment. He has a special interest in pediatric Type 1 diabetes and is strongly focused on integrating diabetes technology into routine care. Dr. Shamkiran is experienced in the use of continuous glucose monitoring systems, insulin pump therapy, and hybrid closed-loop systems. His diabetes care approach includes insulin optimisation, management of diabetic ketoacidosis, structured diabetes education, and long-term follow-up aimed at preventing complications and improving quality of life. He places strong emphasis on counselling, emotional support, and family education. In addition to clinical practice, Dr. Shamkiran is actively engaged in academics and research, with publications in national and international journals. He regularly participates in CMEs, workshops, and conferences, contributes to academic teaching, and mentors residents. He speaks English, Hindi, and Kannada, enabling effective communication 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.