



DR. SHAMKIRAN

Associate Consultant – Pediatric Endocrinology

Qualification

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

Overview

Dr. Shamkiran is a dedicated paediatric endocrinologist in Sarjapur Road. He is currently practising as an Associate Consultant – Pediatric Endocrinology at Manipal Hospital Sarjapur Road, bringing deep clinical expertise in childhood hormonal and metabolic disorders to compassionate, family-centred care. His career blends advanced endocrine science with practical diabetes technology, helping children and adolescents navigate long-term conditions with confidence and clarity. His structured, empathetic approach has established him as the best paediatric endocrinologist in Sarjapur for comprehensive endocrine care. Dr. Shamkiran's academic foundation reflects a clear commitment to subspecialty excellence. Dr. Shamkiran completed his MBBS, followed by an MD in Paediatrics, where his interest in endocrine physiology took shape. He then pursued a Fellowship in Paediatric and Adolescent Endocrinology (FRGUHS), equipping him with advanced clinical training across neonatal, childhood, and adolescent endocrine disorders. This focused training allows him to integrate evidence-based guidelines with real-world clinical needs, especially in complex, long-term conditions. Dr. Shamkiran's field of expertise includes a strong

focus on modern diabetes management and growth-related concerns. He possesses extensive experience in paediatric Type 1 diabetes, growth disorders, pubertal abnormalities, adrenal and pituitary disorders, and neuroendocrine conditions. He has a strong focus on continuous glucose monitoring, insulin pump therapy, and hybrid closed-loop systems. Dr. Shamkiran's practice also covers short stature, growth hormone deficiency, delayed and precocious puberty, polycystic ovarian syndrome in adolescents, congenital adrenal hyperplasia, adrenal insufficiency, and disorders of sex development. Dr. Shamkiran is actively involved in survivorship endocrinology, addressing long-term endocrine complications in children who have undergone cancer treatment. His care philosophy prioritises emotional reassurance, simple explanations, and shared decision-making with families. He has co-authored a study on the use of continuous glucose monitoring in resource-limited settings, published in the Indian Journal of Endocrinology and Metabolism. His work on pituitary stalk interruption syndrome with multiple hormone deficiencies appeared in the Journal of Pediatric Endocrinology and Diabetes. He has also contributed to neonatal endocrinology literature through research published in the Journal of Perinatology. At Manipal Hospital Sarjapur Road, Dr. Shamkiran contributes to multidisciplinary endocrine services, working alongside paediatricians, oncologists, and surgeons to deliver coordinated care. His fluency in English, Hindi, and Kannada enables effective communication across diverse families.

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.