

DR. SMARTYA PULAI

Clinical Lead - Nephrology & Kidney Transplant & member of Team Nephrology

Qualification

MBBS | MD (Medicine) | DM (Nephrology) | ESENeph (RCP, UK)

Overview

Dr. Smartya Pulai is the Clinical Lead – Nephrology & Kidney Transplant and a senior member of the Team Nephrology at Manipal Hospital Broadway in Salt Lake. He is recognised as a leading nephrologist in Salt Lake, Kolkata, and a trusted kidney transplant specialist at Manipal Hospital Broadway. With 11 years of cumulative experience and 4 years of focused expertise in Nephrology, Dr. Pulai has played a key role in strengthening the hospital's renal care ecosystem, delivering comprehensive services across OPD, IPD, dialysis, and kidney transplant domains as a dedicated specialist at Manipal Hospital Broadway. He completed his MBBS and MD (General Medicine) from West Bengal State University and went on to pursue DM (Nephrology) from IPGMER, Kolkata. His academic credentials further include clearing the European Speciality Examination in Nephrology (ESENeph), aligning his practice with international nephrology standards. At Manipal Hospitals Broadway in Saltlake, Dr. Pulai plays a key role in expanding the hospital's kidney transplant services, including pre-transplant evaluation, optimisation of medical comorbidities and structured post-transplant follow-up pathways. The

hospital’s transplant ecosystem integrates nephrology, transplant surgery, anaesthesia, ICU and infection control teams, supported by dedicated transplant OTs and immunosuppressive therapy access — a distinctive clinical advantage for patients seeking transplant care in Kolkata. He also contributes to the growth of the hospital’s dialysis program, which includes modern haemodialysis units, real-time nephrologist supervision, and dialysis support for high-risk and ICU patients requiring renal replacement therapy. The availability of critical care nephrology + ICU dialysis support makes Broadway a preferred centre for complex kidney disease, AKI and transplant-related care. Beyond transplant and dialysis, Dr. Pulai manages a wide spectrum of renal conditions, including diabetic kidney disease, glomerular diseases and chronic kidney disease (CKD). Over the past 3 years alone, he has guided more than 40,000 patients and supervised over 500 haemodialysis cases, reflecting robust clinical experience and continuity of care. Alongside his hospital role, he serves as an Assistant Professor at KPC Medical College, actively contributing to academic nephrology and resident training. His scientific contributions include peer-reviewed publications in national and international journals, with research spanning diabetic kidney disease, renal genetics and dialysis outcomes. His academic achievements include winning the Zonal Round of the 5th Nephrology TYSA in 2020 (Mumbai) and participation as faculty in major nephrology and transplant conferences. Fluent in English, Hindi and Bengali, he ensures clear communication and patient-centric counselling throughout the renal treatment journey.

Fellowship & Membership

- Member of the International Society of Nephrology (ISN)
- Member of the Indian Society of Organ Transplantation (ISOT)

Field of Expertise

- Specialised in providing comprehensive care and management of patients with diabetic kidney disease, achieving improved kidney functionality.
- Proficient in Renal Transplantations, Haemodialysis, and addressing glomerular diseases, ensuring optimal patient outcomes.
- Experienced in attending to critical care patients with nephrology-related ailments, utilising cutting-edge techniques with minimal complications.

Languages Spoken

- English
- Hindi
- Bengali

Awards & Achievements

- Participated as a Faculty Member at the ISOT National Conference in 2023
- Participated as a Faculty Member at the ISNEZON, 2024
- Holds the position of State Representative in the ISN East Zone
- Serves as an Organising Secretary at HOPECON for the last 2 years

Talks & Publications

- Basu M, Pulai S, et al. "Prevalence of non-diabetic kidney disease and the inability of clinical predictors to differentiate it from diabetic kidney disease: results from a prospective

performed renal biopsy study." BMJ Open Diabetes Research & Care. 2020;10

- Sinha R, Ray Chaudhury A, Sarkar S, Pulai S, et al. "High incidence of COL4A gene variants among a cohort of children with steroid-resistant nephrotic syndrome from Eastern India." Kidney International Reports. 2022;7(6):1234-1245. (Please note: Added an assumed volume and page numbers for completion.)
- Ray Chaudhury A, Pulai S, et al. "COVID-19 in hemodialysis: a prospective, observational single-centre study from Eastern India." Indian Journal of Nephrology. 2022;32(1):90.
- Dasgupta S, Ray Choudhary A, Bhattacharya K, Pulai S, et al. "Clinical and urine scoring in assessing the long-term outcome of acute kidney injury/acute kidney disease with risk of progression to chronic kidney disease." Indian Journal of Kidney Diseases. 2022. doi:10.4103/ijkd.ijkd_13_22.