

DR. AKSHAY ATHREYA

Consultant - Nephrologist and Transplant Physician

Qualification

MBBS | American Board of Internal Medicine | American Board of Nephrology | Fellowship in Transplant Nephrology

Overview

Dr. Akshay Athreya is a highly experienced nephrologist in Electronics City with more than 10 years of experience in general nephrology, transplant nephrology, and the management of complex kidney disorders. He is currently practising as a Consultant Nephrologist and Transplant Physician at Manipal Hospital Electronics City, Bangalore, with advanced clinical expertise in kidney transplantation, transplant immunology, chronic kidney disease, acute kidney injury, and critical care nephrology. His global clinical pedigree and evidence-based patient management establish him as one of the best nephrologists in Electronics City. Dr. Akshay Athreya earned his MBBS from the renowned Kasturba Medical College (KMC), Manipal. He completed his Internal Medicine residency training across Hamad Medical Corporation in Qatar and Interfaith Medical Centre in New York. He then completed a General Nephrology Fellowship at NewYork-Presbyterian Queens, followed by an advanced Transplant Nephrology Fellowship at Virginia Commonwealth University (VCU Health) in Richmond, Virginia. Certified by the American Board of Internal Medicine (ABIM) in both Internal Medicine and Nephrology, Dr. Akshay Athreya served on the faculty as

Assistant Professor of Medicine and Consultant Transplant Nephrologist at VCU Health, a premier high-volume US academic transplant centre performing approximately 350 kidney transplants annually. At Manipal Hospital Electronics City, Dr. Akshay Athreya's clinical expertise also includes managing conditions such as glomerulonephritis, IgA nephropathy, membranous nephropathy, focal segmental glomerulosclerosis, lupus nephritis, and ANCA-associated vasculitis. He manages patients with diabetic kidney disease and resistant hypertension, where careful assessment of renal function, cardiovascular risk, metabolic factors, and treatment response is essential for comprehensive care. He is experienced in the assessment of complex acute renal dysfunction, sepsis-associated kidney injury, cardiorenal syndromes, electrolyte abnormalities, acid-base disturbances, and patients requiring renal replacement therapy in critical care settings. Dr. Akshay Athreya's clinical practice encompasses a broad spectrum of kidney disorders, including chronic kidney disease, acute kidney injury, glomerular and parenchymal kidney diseases, diabetic kidney disease, resistant hypertension, electrolyte and acid-base disorders, and end-stage renal disease. Dr. Athreya is experienced in pre-transplant evaluation, living donor assessment, transplant candidate optimisation, and managing patients undergoing kidney transplantation. His advanced transplant practice includes care of highly sensitised kidney transplant patients, transplant immunology, desensitisation strategies, and paired kidney exchange programmes. He also has expertise in multi-organ transplantation and the collaborative management of patients undergoing complex solid-organ transplant procedures. Dr. Athreya's transplant expertise assists him in managing patients with post-transplant graft dysfunction, acute and chronic rejection, delayed graft function, and complications associated with immunosuppressive therapy. Dr. Athreya is also actively involved in academic research and scientific publications in nephrology and transplantation. His research includes biomarkers in kidney transplantation, diabetes management in kidney transplant

recipients, transplant outcomes, and other areas relevant to advanced renal and transplant medicine. He has also contributed as a peer reviewer for international nephrology journals. Combining general nephrology expertise and advanced experience in transplant medicine, Dr. Athreya brings a comprehensive perspective to the care of patients with kidney disease. As a renowned nephrologist in Electronics City, he emphasises detailed clinical assessment, evidence-based decision-making, and clear communication, particularly when patients are navigating complex diagnoses, dialysis, transplantation, or long-term kidney care.

Fellowship & Membership

- Fellowship in Transplant Nephrology

Field of Expertise

- Chronic Kidney Disease (CKD) & CKD Progression
- Acute Kidney Injury (AKI) & Critical Care Nephrology
- Glomerular & Parenchymal Kidney Diseases
- Diabetic Kidney Disease
- Resistant Hypertension
- Electrolyte & Acid-Base Disorders
- End-Stage Renal Disease (ESRD)
- Haemodialysis & Peritoneal Dialysis
- Kidney Transplantation
- Pre-Transplant & Living Donor Evaluation
- Transplant Immunology & Desensitization
- Highly Sensitized Kidney Transplant Patients
- Paired Kidney Exchange
- Multi-Organ Transplantation
- Post-Transplant Graft Dysfunction & Rejection

- Transplant-Related Infections
- Cardiorenal & Metabolic Disorders

Languages Spoken

- English
- Hindi
- Kannada
- Tamil
- Telugu
- Arabic

Awards & Achievements

- US Board-Certified in Internal Medicine and Nephrology
- Served as Assistant Professor of Medicine and Consultant Transplant Nephrologist at VCU Health, a high-volume US academic transplant centre performing approximately 350 kidney transplants annually.
- Peer reviewer for journals including Kidney360, CJASN and Clinical Nephrology.
- Published extensively in leading international peer-reviewed journals.
- Advanced expertise in kidney and multi-organ transplantation, including highly sensitized patients, desensitization and paired exchange programmes.

Talks & Publications

- Biomarkers in kidney transplantation: a rapidly evolving landscape – Transplantation, 2025.

- Biomarkers in kidney transplantation – Advances in Kidney Disease and Health, 2024.
- Effect of Different Hemoglobin A1c Targets on Cardiovascular Outcomes in Kidney Transplant Recipients with Diabetes: A Global Cohort Analysis – Journal of the American Society of Nephrology, 2025.
- Hemoglobin A1c target in kidney transplant recipients with type 2 diabetes mellitus – American Journal of Transplantation, 2025.
- Patterns of use of antidiabetic medications in kidney transplant recipients – American Journal of Transplantation, 2025.
- CMV T-cell immunity assay based guidance to interrupt prophylaxis in intermediate risk kidney transplant patients – American Journal of Transplantation, 2025.
- Multiple peer-reviewed publications in JAMA, BMJ, JASN, Transplantation, American Journal of Kidney Diseases, Critical Care Medicine and other leading journals.