



## **DR. SHIVAKUMAR S PATIL**

Consultant - Renal and Pancreas Transplant Surgery

### **Qualification**

MBBS | MS | Associate Professor Dept Of Transplant Surgery, PGIMER Chandigarh

### **Overview**

Dr. Shivakumar S Patil is a highly experienced renal transplant surgeon in Yeshwanthpur. He is currently practising as a Consultant – Renal Transplant Surgery at Manipal Hospital Yeshwanthpur, Bangalore, bringing over 10 years of experience in kidney transplantation, pancreas transplantation, vascular access surgery, general surgical procedures and complex renal surgical care. Dr. Shivakumar’s clinical work spans the entire spectrum of renal transplantation, including both deceased donor and living donor kidney transplants, laparoscopic donor nephrectomy, and multi-organ retrieval procedures involving kidneys, liver, and pancreas from donation after brain death (DBD) and cardiac death (DCD) donors. His expertise also includes native nephrectomy in chronic kidney disease, graft nephrectomy, and the creation and management of vascular and peritoneal dialysis access, including complex and revision access procedures. With strong experience in ultrasound-guided interventions, he performs transplant kidney assessment, vascular mapping, AV fistula surveillance, angioplasty for fistula stenosis or thrombosis, and image-guided transplant biopsies. Patients requiring advanced transplant evaluation

often seek consultation with the best renal transplant surgeon in Yeshwanthpur for structured, multidisciplinary care. He completed his MBBS from M. S. Ramaiah Medical College, Bengaluru, followed by MS in General Surgery at the Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh, where he also underwent Senior Residency in Renal and Pancreas Transplant Surgery. He was previously worked in the department of General Surgery as an Assistant Professor at PGIMER (Satellite Centre), and worked as an Associate Professor in the department of Renal Transplant Surgery at PGIMER, Chandigarh. Dr. Shivakumar has extensive operative experience in renal transplantation workflows, including perioperative planning, immunosuppression management, rejection monitoring, and post-transplant infection control. He has also performed a wide range of general surgical procedures such as hernia repair, cholecystectomy, appendectomy, colectomy, laparotomy, splenectomy, and reconstructive procedures, enabling him to manage transplant patients with complex surgical needs. His academic contributions include numerous publications in peer-reviewed journals such as Transplantation Proceedings, The Journal of Vascular Access, Videourology, and Experimental and Clinical Transplantation, addressing organ utilisation, graft outcomes, vascular access optimisation, and laparoscopic donor nephrectomy experience. He has also served as Principal Investigator for research comparing biomarkers in renal allograft recipients and has guided multiple postgraduate theses exploring transplant outcomes and dialysis access durability. He has presented award-winning research at national conferences, including receiving Best Oral Paper at the Annual Congress of the Indian Society of Organ Transplantation. He has presented a paper in various International Conferences. He has more than 40 publications in indexed journals. His ongoing involvement in CMEs, transplant awareness programmes, and academic teaching reflects a sustained commitment to advancing organ transplantation practices in India. Many patients and referring physicians recognise his

structured clinical approach when seeking the best renal transplant surgeon in Yeshwanthpur for evaluation and surgical planning. Dr. Shivakumar is known for maintaining clear communication with patients and families navigating transplantation, ensuring they understand the surgical pathway, immunosuppressive therapy, and long-term graft care. His practice combines technical precision with careful counselling, particularly for patients undergoing life-altering transplant decisions.

### **Fellowship & Membership**

- Association of Surgeons of India (ASI)
- Indian Society for Organ Transplant (ISOT)
- The Transplantation Society (TTS)
- Executive Member, Indian Society of Transplant Surgeons (ISTS)
- Executive Member Pancreas Transplant Society

### **Field of Expertise**

- Living Donor Kidney Transplantation
- Lap Donor Nephrectomy
- Hand-Assisted Donor Nephrectomy
- Deceased Donor Renal Transplantation
- Multi-Organ Retrieval Surgery
- Kidney and Pancreas Transplantation
- ABOi Kidney Transplantation
- Paediatric Kidney Transplantation
- Complex Vascular Access Surgery for Haemodialysis
- Dysfunctional Av Fistula Surgery

### **Languages Spoken**

- English
- Kannada
- Telugu
- Tamil
- Hindi

### **Awards & Achievements**

- Best oral paper for presentation on “Prospective observational study on urinary tract infections in post renal transplant patients at a tertiary care centre from North India”, at the 31st annual congress of the Indian Society of Organ Transplantation at Kochi, Kerala, on October 7, 2021.

### **Talks & Publications**

- More than 40 publications under his credit in National & International Indexed Journals.
- Rationalisation of interpretation of uroflowmetry for a non-Caucasian (Indian) population: conceptual development and validation of volume-normalised flow rate index MM Agarwal, SK Patil, K Roy, M Bandawar, S Choudhury, R Mavuduru, Neurourology and Urodynamics 33 (1), 135-141.
- Ultrasound-guided angioplasty for treatment of peripheral stenosis of arteriovenous fistula—a single-centre experience S Kumar, N Mahajan, SS Patil, N Singh, S Dasgupta, S Tejavath, S Singh, The Journal of Vascular Access 18 (1), 52-56.
- Application of ex vivo normothermic machine perfusion in deceased donors with acute kidney injury with successful renal transplantation: a preliminary experience D Choudhary, A Sharma, S Singh, DB Kenwar, RW Minz, HS Kohli,

- Transplantation Direct 8 (11), e1391.
- Experience with 15 years of laparoscopic donor nephrectomy: Review of 2500 cases S Rally, A Sharma, S Singh, SS Patil, GS Pandey, K Kapoor, A Seth, Transplantation Proceedings 52 (6), 1671-1674.
  - Risk factors for pulmonary mucormycosis in subjects with diabetes mellitus—A case-control study D Garg, K Soundappan, R Agarwal, S Mukherjee, M Kumar, S Dhooria, Mycoses 66 (9), 787-794.
  - Vascular Reconstruction of Multiple Renal Arteries—A Risk Factor for Transplant Renal Artery Stenosis: Insight From a Matched Case-Control Study D Choudhary, R Vijayvergiya, K Kishore, VN Subramani, M Banoth, Transplant International 37, 13298.
  - Impact of a trained vascular access coordinator on a vascular access program in India E Pundir, A Sharma, S Singh, S Patil, GS Pandey, S Rally, DB Kenwar. The Journal of Vascular Access 23 (4), 495-499.
  - Subcapsular hematoma in postrenal transplant patients: a report of three cases M Mandwar, V Thakur, DB Kenwar, SS Patil Indian Journal of Transplantation 17 (1), 103-106.
  - Outcome of tibio-saphanous arteriovenous fistula in patients with failed upper extremity dialysis access: A report of two cases M Mandwar, A Seth, A Sharma, DB Kenwar, SS Patil, S Singh The Journal of Vascular Access 23 (3), 481-484.
  - Reasons for low utilisation of pancreas for transplantation from deceased donors: analysis of data from a single centre in India M Mandwar, A Sharma, S Singh, DB Kenwar, A Seth, V Kallepalli, Transplantation Proceedings 52 (6), 1858-1859.
  - Analysis of organ utilisation from deceased organ donation in India GS Pandey, A Sharma, DB Kenwar, SS Patil, A Seth, V Kallepalli, S Rally, Transplantation Proceedings 52 (6), 1647-1649.

