

DR. SHIVAKUMAR S PATIL

Consultant – Renal Transplant Surgery

Qualification

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

Overview

Dr. Shivakumar S.P. is an experienced renal transplant surgeon in Hebbal. He is currently practising as a Consultant – Renal Transplant Surgery at Manipal Hospital Hebbal, Bangalore, bringing over 10 years of clinical experience in kidney transplantation, vascular access surgery, and complex transplant-related procedures. Dr. Shivakumar completed his MBBS from M. S. Ramaiah Medical College, Bengaluru, followed by an MS in General Surgery at the Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh. His surgical training at PGIMER, one of India’s premier academic medical institutions, provided comprehensive exposure to advanced general surgery, trauma care, and emergency surgical management. His clinical career has been closely associated with transplant surgery programmes involving both living donor and deceased donor renal transplantation. He has assisted and performed multiple kidney transplant procedures while also participating in pancreas transplantation programmes and multi-organ retrieval surgeries involving kidneys, pancreas, and liver from both donation after brain death (DBD) and donation after cardiac death (DCD) donors. This

experience reflects his involvement in the multidisciplinary transplant ecosystem that includes surgeons, nephrologists, intensivists, and transplant coordinators working together to ensure safe and successful transplant outcomes. His experience in complex transplant procedures places him among the best renal transplant surgeons in Hebbal for patients requiring advanced transplant care. In addition to transplantation, Dr. Shivakumar has significant experience in vascular and peritoneal dialysis access surgery, including the creation and management of arteriovenous fistulas and grafts for haemodialysis. He is also trained in ultrasound-guided vascular access procedures, preoperative vascular mapping, and postoperative surveillance of dialysis fistulas. His procedural skills extend to ultrasound-guided angioplasty for fistula stenosis or thrombosis, ultrasound-guided biopsy of transplant kidneys, and imaging-guided evaluation of transplanted organs. Dr. Shivakumar’s surgical experience also includes procedures such as laparoscopic donor nephrectomy, graft nephrectomy, and native nephrectomy in patients with chronic kidney disease. He has performed flexible and rigid cystoscopy for DJ stent removal and has worked extensively in the perioperative and long-term management of transplant recipients. His expertise in transplant surgery and dialysis access procedures has established him as one of the best renal transplant surgeons in Hebbal, Bangalore, for patients undergoing kidney transplantation and related surgical care. Alongside clinical practice, Dr. Shivakumar has contributed to academic medicine through research and publications in transplant surgery and vascular access. His work has appeared in journals such as Transplantation Proceedings, Neurourology and Urodynamics, and The Journal of Vascular Access. He has also participated in research projects evaluating transplant outcomes, dialysis access procedures, and biomarkers in renal transplant recipients. In recognition of his research work, he received the Best Oral Paper Award at the 31st Annual Congress of the Indian Society of Organ Transplantation (ISOT) in 2021 for a study on urinary tract infections in renal transplant patients. Dr.

Shivakumar is also a member of professional bodies, including the Association of Surgeons of India (ASI), the Indian Society for Organ Transplantation (ISOT), and The Transplantation Society (TTS).

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.