

Special Issue

Advances in the Prevention, Diagnosis and Management of Surgical Complications After Kidney Transplantation

Message from the Guest Editors

Post-operative surgical complications of kidney transplantation remain a common challenge. The most common complications include vascular—with arterial and venous thrombosis threatening early post-operative graft survival and arterial stenosis reducing long-term graft survival; ureteric—with leakage causing early post-transplant morbidity and collections and strictures leading to allograft dysfunction and further complex procedures; surgical site incidents, including superficial and deep wound infections, dehiscence, and hernias, all having an impact on patient quality of life as well as graft survival; bleeding that necessitates transfusions, increasing the chance of sensitisation or further procedures. All the above-listed complications have been recently associated with both short- and long-term adverse graft and patient outcomes, according to Minkovich and colleagues in a recently published large, retrospective cohort study. We aim to explore the latest developments in the frequency, pathophysiology, aetiology, and diagnosis of a variety of surgical post-operative complications as well as the most recent advancements in their management.

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