

Special Issue

Clinical Advances in Kidney Failure

Message from the Guest Editors

Kidney failure poses an enormous burden on patients, healthcare providers, and society as a whole. A plethora of studies have been published to delineate the etiology, pathophysiology, pattern of diseases, diagnoses, and management of acute kidney disease (AKI); however, a big gap remains in the understanding and clinical practices in each of these fields. The diagnosis of AKI relies on assessing the serum creatinine and urine output. There is a pathogenesis of newer etiology for AKI as the COVID-19 virus warrants further studies. The timing of initiating dialysis in the intensive-care unit remains controversial. Predictors of outcomes after AKI are not precise, the definition of recovery of AKI is controversial, and there is a lack of standardized protocol on how to manage patients post-AKI; the timing of outpatient follow-up, coordination of care among different providers, as well as the dialysis protocol for patients with AKI still requiring dialysis also remain controversial. The aim of this Special Issue is to highlight the recent advances pertaining to earlier diagnosis, predicting outcomes, better management of AKI in the hospital setting, and post-hospital discharge.

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