

Special Issue

Cardiovascular Disease and Hemodialysis

Message from the Guest Editors

Chronic kidney disease (CKD) is strongly associated with cardiovascular disease. The increasing prevalence of CKD, with its dramatic influence on morbidity and cardiovascular disease and the increased risk of mortality among patients with CKD, emphasize the need for further research in this field. The prevalence of patients with end-stage kidney disease who require renal replacement therapy is increasing. Currently, only about 3 million patients are receiving kidney replacement therapy for end-stage kidney disease worldwide, among the 10 million who would qualify for kidney replacement therapy. Hemodialysis is the most common renal replacement therapy worldwide and, as such, the increasing rate of cardiovascular disease in this unique population is valuable. Cardiovascular disease is the leading cause of death among hemodialysis patients. In addition to the pronounced cardiovascular risks among hemodialysis patients, they are often being excluded from clinical trials, their pathophysiology is complicated. This Special Issue aims to discuss matters associated with cardiovascular disease in hemodialysis patients, including pathophysiology, treatment options and outcomes.

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