

Special Issue

Clinical Application of Hemodialysis and Its Adverse Effects

Message from the Guest Editors

The incidence of end-stage renal disease (ESRD) reached 3.7 million in 2016, and has been increasing by 5 ~ 6 % every year. Along with the increase in older patients with ESRD, several important pathophysiologies in hemodialysis (HD) patients including accelerating systemic atherosclerosis, vascular calcification, malnutrition, inflammation, frailty, cognitive disturbance, and so on, have recently been unveiled. These disease states complexly impact the unfavorable events and prognosis in HD patients. Excessive removal of essential substances in the body, or on the contrary, insufficient removal of harmful substances by HD treatment, might be crossly associated with pathophysiology in HD patients. On the other hand, dialysis treatment has made significant progress. Several dialysis membranes and modalities can be selected in consideration of patient status. In this Special Issue, we welcome authors to submit papers on the clinical application of HD, the beneficial effects of several dialysis membranes and modalities, unfavorable adverse effects, and characteristic pathophysiology in HD patients.

Guest Editors

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Journal of Clinical Medicine (ISSN 2077-0383) is an international, peer-reviewed, open access journal dedicated to advancing clinical and preclinical research. Our Editorial Board and staff are committed to delivering cutting-edge, timely, peer-reviewed articles spanning the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and impactful research articles, as well as reviews that are clinically significant and relevant to the full spectrum of medical disciplines. All full texts are archived in PubMed Central and indexed in SCIE (Web of Science), Scopus, PubMed, and other major databases. We invite you to submit your manuscript for publication, as well as join our community as a reviewer or reader online.

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