

## Special Issue

# Current Updates and Advances in Hemodialysis

### Message from the Guest Editor

Hemodialysis is a key treatment for end-stage kidney disease and severe acute kidney injury. Despite advancements in technology, patient care protocols, and outcomes, challenges like vascular access, dialysis adequacy, quality of life, and long-term complications remain. This Special Issue aims to explore the latest advancements in hemodialysis, focusing on cutting-edge research and new technologies. Topics of interest include, but are not limited to, innovative dialysis techniques, new dialysis membranes, dialysis-related complications, and patient-centered care. Recent studies highlight promising innovations, such as biocompatible membranes, wearable dialysis devices, and personalized treatment regimens. Research on dialysis adequacy, optimal timing, and individualized strategies is advancing rapidly, alongside efforts to reduce morbidity and mortality. Breakthroughs in vascular access and monitoring technologies are poised to transform clinical practice. We invite original research articles, clinical studies, and reviews that address the latest advancements and trends in hemodialysis, focusing on improving patient outcomes and the dialysis process.

### Guest Editor

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### Deadline for manuscript submissions

31 October 2025



## Journal of Clinical Medicine

an Open Access Journal  
by MDPI

Impact Factor 2.9  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/232062](https://mdpi.com/si/232062)

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