

Special Issue

Evolving Concepts in Peritoneal Dialysis and Haemodialysis

Message from the Guest Editor

Significant advances in kidney replacement therapy (KRT) have been made in the last 60 years. Today, nearly 4 million people are alive thanks to KRT. About 70% of KRT patients are on dialysis, with 10% on peritoneal dialysis and 90% on haemodialysis. Nephrologists and public health authorities will face major challenges in the future. The number of patients requiring KRT will increase. The overall patient population is becoming older, many with pre-existing complications. Current dialysis methods are big consumers of water, while haemodialysis also needs a lot of electricity. Both methods produce a lot of hazardous waste.

Unfortunately, they are also relatively expensive. In this thematic issue, the current state of dialysis will be presented: haemodialysis and peritoneal dialysis. Future challenges and the latest research, the application of new dialysis membranes, machines, and peritoneal dialysis solutions, will be pointed out. The possibilities of saving water/electricity, as well as waste reduction would be emphasised. Reviews of new drugs for anaemia treatment/prevention, mineral metabolism disorders, and cardiovascular complications in dialysis patients will be presented.

Guest Editor

Prof. Dr. Davide Bolignano

Department of Medical and Surgical Sciences, Nephrology and Dialysis Unit, "Magna Graecia" University of Catanzaro, Catanzaro, Italy

Deadline for manuscript submissions

closed (31 May 2023)



Medicina

an Open Access Journal
Published by MDPI

Impact Factor 2.4
CiteScore 4.1
Indexed in PubMed



mdpi.com/si/127073

Medicina
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
medicina@mdpi.com

[mdpi.com/journal/
medicina](https://mdpi.com/journal/medicina)





Medicina

an Open Access Journal
Published by MDPI

Impact Factor 2.4
CiteScore 4.1
Indexed in PubMed



[mdpi.com/journal/
medicina](https://mdpi.com/journal/medicina)



About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Medicina* (ISSN: 1648-9144). *Medicina* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on medicine. The scientific community and the general public can access the content free of charge as soon as it is published.

Editor-in-Chief

Prof. Dr. Edgaras Stankevičius
Medical Academy, Lithuanian University of Health Sciences, Kaunas,
Lithuania

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, and other databases.

Journal Rank:

JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)