

## Special Issue

# Clinical Research in Vascular Access Devices

### Message from the Guest Editor

Vascular access devices (VADs) are among the most frequently used medical instruments. VADs encompass peripheral vascular access devices (PVADs) and central venous access devices (CVADs). Complications with VAD use can occur even when using the most appropriate device, insertion technique, and care. The most important are as follows:

- Intraprocedural complication: arterial puncture, pneumothorax, and primary malposition of CVAD;
- VAD infection: catheter-related bloodstream infection (CRBSI), catheter-associated bloodstream infection (CABS), or central line-associated bloodstream infection (CLABSI);
- Catheter-related thrombosis (CRT) and fibroblastic sleeve;
- Tissue injuries (infiltration and extravasation);
- Mechanical complications, including accidental removal, rupture of the catheter, or secondary malposition;
- Medical adhesive-related skin injury (MARS);
- Catheter-associated skin impairment (CASI).

This Special Issue focuses on collecting works that address the topic from aspects to improve patient care standards and reduce all VAD-related complications.

### Guest Editor

Dr. Antonio Gidaro

Department of Biomedical and Clinical Sciences, Università degli Studi di Milano and Internal Medicine, Luigi Sacco Hospital, ASST-FBF-Sacco, Milan, Italy

### Deadline for manuscript submissions

30 November 2025



## Journal of Clinical Medicine

an Open Access Journal  
by MDPI

Impact Factor 2.9  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/239008](https://mdpi.com/si/239008)

*Journal of Clinical Medicine*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jcm@mdpi.com](mailto:jcm@mdpi.com)

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

[jcm](https://jcm)





# Journal of Clinical Medicine

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.9  
CiteScore 5.2  
Indexed in PubMed



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



## About the Journal

### Message from the Editorial Board

There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

---

### Editors-in-Chief

Prof. Dr. Emmanuel Andr s

Internal Medicine Department, University Hospital Strasbourg, 67000  
Strasbourg, France

Prof. Dr. Kent Doi

Department of Acute Care Medicine, University of Tokyo, Tokyo, Japan

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

#### Journal Rank:

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

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).