

## Special Issue

# Current Trends and Future Challenges in Transcatheter Aortic Valve Replacement

### Message from the Guest Editors

The experience of operators and improvement in the technique have resulted in a drastic reduction in complications following TAVR in patients with lower surgical risk. In parallel, the procedure has been considerably simplified with a routine default approach, including local anesthesia in the cath lab, percutaneous femoral approach, radial approach including secondary access, prosthesis implantation without predilatation, and left ventricle wire pacing without secondary venous access. TAVR has become a routine procedure allowing for rapid recovery and early ambulation and discharge, with an improvement in patient satisfaction and reduction in hospital costs, without compromising safety. The future challenges of TAVR may be related to rationalizing the management of conductive disorders and pace maker indications, the prevention of asymptomatic thrombosis, concerns regarding durability and reintervention in younger and lower risk patients, coronary access, and also the choice of device regarding valve and aortic anatomy.

### Guest Editors

Prof. Dr. Florence Leclercq

Department of Cardiology, Arnaud de Villeneuve University Hospital, 34295 Montpellier, France

Dr. Mariama Akodad

Ramsay Générale de Santé, Institut Cardiovasculaire Paris Sud, Massy, France

### Deadline for manuscript submissions

closed (31 December 2024)



## Journal of Clinical Medicine

an Open Access Journal  
by MDPI

Impact Factor 2.9  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/175560](https://mdpi.com/si/175560)

*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/](https://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 Andrès

Internal Medicine Department, University Hospital Strasbourg, 67081  
Strasbourg, France

Prof. Dr. Kent Doi

Department of Emergency and Critical Care Medicine, The 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 18.5 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).