

Special Issue

Current Advances in Valvular Heart Diseases

Message from the Guest Editor

Valvular heart diseases are a major public health problem associated with an increased risk of morbidity and mortality when not treated. Early and timely valvular heart disease intervention is associated with improved outcomes. However, valvular heart diseases frequently go underdiagnosed or are diagnosed late, often leading to no intervention or delayed intervention. This Special Issue highlights strategies for the early diagnosis of valvular heart disease, such as artificial intelligence, and the broadening understanding of mechanisms of valvular heart disease and their impact on the type and timing of intervention. The topics of interest for this Special Issue include, but are not limited to, the following:

- Machine learning and artificial intelligence applications in valvular heart disease;
- Evaluation and management of primary and secondary mitral regurgitation;
- Evaluation and management of primary and secondary tricuspid valve regurgitation;
- Transcatheter valve therapies for aortic, mitral, and tricuspid valve disease;
- Minimally invasive surgical strategies for the treatment of valvular heart disease.

Guest Editor

Dr. Vuyisile T. Nkomo

Department of Cardiovascular Medicine, Mayo Medical School,
Rochester, MN 55905, USA

Deadline for manuscript submissions

closed (15 March 2025)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/194849

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

mdpi.com/journal/

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://jcm.mdpi.com/)



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).