

Special Issue

Heart Valve Surgery: Repair or Replacement?

Message from the Guest Editor

Aortic valve disease—congenital or acquired—represents a big cluster of the cardiac surgery procedures performed in everyday practice. Different approaches have been suggested for fixing a diseased aortic valve, mainly divided into replacement with a mechanical or bioprosthetic valve and repair of the valve leaflets. The disease pathophysiology, surgical approach, patient population, and intervention criteria are some of the determining factors for choosing the optimal surgical intervention for aortic valve disease. Despite the implementation of new guidelines and the conduction of multiple clinical studies over the years, there is still controversy regarding the optimal approach in terms of short-term and long-term outcomes for aortic valve surgery. Thus, the aim of this Special Issue is to unveil the role of surgical repair and replacement of the aortic valve in advanced valvular disease and highlight all the aspects of different approaches currently in practice.

Guest Editor

Dr. Ilias P. Doulamis

Department of Surgery, Boston Children's Hospital, Children's Hospital,
300 Longwood Ave, Boston, MA 02115, USA

Deadline for manuscript submissions

closed (20 January 2024)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/128067

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://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).