

Special Issue

Current Technological Advancement and Future Directions in the Field of Heart Transplant Surgery

Message from the Guest Editors

Heart transplantation is the gold standard for long-term survival in patients with end-stage heart failure. Innovative techniques and technological advances have been utilized to improve surgery outcomes and boost the pool of donor hearts, as well as to reduce the mortality of patients on transplant waiting lists. In the last two decades, donation after circulatory death has re-emerged as a promising solution to organ shortage and helped to improve outcomes. Ex vivo heart perfusion technology and the thoracoabdominal normothermic regional perfusion technique have made heart recovery feasible and sustainable in the context of donation after circulatory death. The goal of this Special Issue is to highlight and discuss these technological advancements and innovative techniques and potential future directions in the field of heart transplant surgery in depth.

Please click [here](#) to find more information.

Guest Editors

Dr. Magdy M El-Sayed Ahmed

Department of Cardiothoracic Surgery, Mayo Clinic, Jacksonville, FL 55905, USA

Dr. Mohamed Rahouma

Department of Cardiothoracic Surgery, Weill Cornell Medicine, New York, NY 10065, USA

Deadline for manuscript submissions

closed (31 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/212493

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 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).