

Special Issue

Risk Factors and Outcomes of Extracorporeal Membrane Oxygenation (ECMO)

Message from the Guest Editor

Extracorporeal membrane oxygenation (ECMO) has gained popularity as a rescue tool in severe circulatory and/or respiratory failure. Various ECMO modalities are applied to bridge patients in critical states, yet evidence regarding the effectiveness of these modalities is missing in the literature. The application of ECMO entered a new stage during the SARS-CoV-2 pandemic. The nature of COVID-19-related severe pneumonitis and ARDS changed a paradigm of mechanical ventilation, with the stress factors and inflammation of the endothelium leading to novel findings in ECMO-related coagulation and homeostatic side effects. In this Special Issue, we plan to gather up-to-date publications on important ECMO-related complications as well as on factors outlining the prognosis of patients.

Guest Editor

Dr. Martin Balík

1. Department of Anaesthesiology and Intensive Care, 1st Faculty of Medicine, Charles University, Prague, Czech Republic
2. General University Hospital in Prague, U Nemocnice 2, 12808 Prague, Czech Republic

Deadline for manuscript submissions

closed (31 August 2024)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/142594

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).