



Risk Factors and Outcomes of Extracorporeal Membrane Oxygenation (ECMO)

Guest Editor:

Dr. Martin Balik

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)

Message from the Guest Editor

Dear Colleagues,

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.

Dr. Martin Balik
Guest Editor





an Open Access Journal by MDPI

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

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!

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)

Contact Us

Journal of Clinical Medicine Editorial
Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jcm
jcm@mdpi.com
[X@JCM_MDPI](https://twitter.com/JCM_MDPI)