



Cardiac Arrest in Intensive Care: Management and Prognosis

Guest Editor:

Prof. Dr. Saïd Hachimi-Idrissi

1. Critical Care Medicine and Pediatric at the University of Ghent and Free University Brussel, Brussel, Belgium
2. Department of Emergency Medicine, Ghent University Hospital, Corneel Heymanslaan, 10, 9000 Ghent, Belgium
3. Cerebral Resuscitation Research Group, Free University Brussel, Laarbeeklaan 103, 1070 Brussels, Belgium
4. Global Network on Emergency Medicine, Brookline, MA 02446, USA

Deadline for manuscript submissions:

20 October 2024

Message from the Guest Editor

It is estimated that there are more than 400,000 victims of out-of-hospital cardiac arrest annually in Europe, of whom less than 5% survive.

The current guidelines emphasize starting with chest compression at a pace of 120/min with a ratio of 30 chest compressions to 2 breaths in adults. These guidelines focus on restoring the heartbeat without considering the cause of cardiac arrest, the changes in lung compliance, the ventilation pattern, heart dynamics, or the lungs during CPR. These factors might not respond the same way when the standard CRP is carried out compared to long-lasting CPR or delayed CRP.

Therefore, we are recommending the analysis of all pathophysiological mechanisms involved in CPR and thus adaption of the chest compression frequency, depth, release, and ventilation with or without PEEP to improve the quality of CPR tailored to the patient's conditions and hence improve the chance of restarting the heartbeat.





an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Emmanuel Andrès

Internal Medicine Department,
University Hospital Strasbourg,
67000 Strasbourg, France

Prof. Dr. Kent Doi

Department of Acute Care
Medicine, 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 - Q2 (*Medicine, General & Internal*) / CiteScore - Q1 (*General Medicine*)

Contact Us

Journal of Clinical Medicine Editorial
Office
MDPI, St. Alban-Anlage 66
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)