



medicina



an Open Access Journal by MDPI

Cardiopulmonary Resuscitation: Recent Advances and Future Challenges

Guest Editor:

Dr. Gregor Prosen

Emergency Medicine, University
Medical Centre Maribor, Maribor,
Slovenia

Deadline for manuscript
submissions:

31 August 2024

Message from the Guest Editor

Out-of-hospital cardiac arrest (OHCA) is one of the leading causes of death. Vital resuscitation interventions that improve survival from OHCA are collectively known as “The Chain of Survival”. Various studies have emphasized the role of bystanders, the prompt usage of AED and usage of additional devices to improve the outcome of OHCA patients.

Even though bystander cardiopulmonary resuscitation (CPR) and shortened time to defibrillation have improved in the last few years, we are dealing with the increasing age of patients with OHCA and decreasing proportion of patients that present a shockable initial rhythm. Hence, what else can be done to improve the neurological outcomes and survival rate of OHCA patients?

The aim of the present Special Issue is to review all the important aspects of managing OHCA patients, its therapy goals and measures that can potentially improve survival and, above all, improve the neurological outcome of the victims of sudden cardiac arrest.

The Special Issue presents research from a wide field of emergency and critical care, addressing the most key issues in CPR in the field, the emergency departments and the intensive care units.



mdpi.com/si/170225

Special Issue



medicina



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Edgaras Stankevičius

Medical Academy, Lithuanian
University of Health Sciences,
Kaunas, Lithuania

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Medicina* (ISSN: 1648-9144). *Medicina* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on medicine. The scientific community and the general public can access the content free of charge as soon as it is published.

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](#), [MEDLINE](#), [PMC](#), and [other databases](#).

Journal Rank: CiteScore - Q2 (*General Medicine*)

Contact Us

Medicina Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/medicina
medicina@mdpi.com