

## Special Issue

# Clinical Update for Resuscitation Science

### Message from the Guest Editor

Resuscitation science has advanced over the past decade, leading to improved outcomes for critically ill patients with severe acute respiratory or circulatory failure. However, despite these advancements, their outcomes remain poor. For example, the survival rates of patients with cardiac arrest are approximately 10% (varying from 0% to 18%), and even among survivors, many patients are discharged or transferred to other hospitals in a vegetative state or coma. Therefore, there is a need to develop better strategies for the management of such critically ill patients. This Special Issue focuses on any and all critically ill patients who need resuscitative interventions, such as those with severe acute respiratory or circulatory failure, requiring the support of extracorporeal membrane oxygenation, or severe trauma, as well as patients experiencing cardiac arrest. Additionally, we seek to encompass studies related to training and education on resuscitative procedures. This broad scope takes in clinical and basic research, review articles, and case reports related to resuscitation science.

### Guest Editor

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### Deadline for manuscript submissions

closed (30 July 2025)



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Impact Factor 3.4  
CiteScore 6.0  
Indexed in PubMed



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### Message from the Editor-in-Chief

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