

Special Issue on
**Resuscitation for Cardiac Arrest and Postcardiac Arrest
Care**

CALL FOR PAPERS

A perfect teamwork (pre/in-hospital resuscitation) could resuscitate life from cardiac arrest. For example, high performance cardiopulmonary resuscitation (HPCPR) and extracorporeal cardiopulmonary resuscitation (ECPR) which were both established by closed teamwork were recently demonstrated to shorten interruptive time of chest compression and reduce the postcardiac arrest syndrome, respectively. Furthermore, some leading councils (i.e., American Heart Association (AHA) and European resuscitation council (ERC)) pointed out the importance of group monitoring in performing resuscitation and emphasized the quality of postcardiac arrest care.

Recently, AHA just revised the golden guidelines for cardiac arrest resuscitation and postcardiac arrest care on January 2, 2018. Furthermore, several leading journals also recently discussed how to increase the quality and outcome in the postcardiac arrest care (including strategic application of ECPR and hypothermia in treating pediatric or traumatic patients), thus making the topic hot and timely.

The updated knowledge globally guides the treatment strategies of critical and emergency care. New focused categories, related to postcardiac arrest care, cardiac arrest or shock management, and cardiovascular emergency intervention, are interesting for scientific researchers. All new guidelines and knowledge can be further clinically applied or even challenged by researchers in the future. Therefore, we aim to provide an opportunity to widely introduce these related researches. We welcome original research articles, as well as review articles, focused on the field of emergency and critical care, especially ones about resuscitation for cardiac arrest and postcardiac arrest care.

Potential topics include but are not limited to the following:

- ▶ Pre/in-hospital high performance cardiopulmonary resuscitation (HPCPR)
- ▶ Extracorporeal cardiopulmonary resuscitation (ECPR)
- ▶ Applications of extracorporeal membrane oxygenation (ECMO), hypothermia therapy and postcardiac arrest care
- ▶ Pediatric critical care in cardiac arrest or postcardiac arrest care
- ▶ Traumatic cardiac arrest and major trauma
- ▶ Infections and toxicology in cardiovascular emergencies
- ▶ Molecular, cell, and animal studies associated with critical care or emergency medicine in cardiac arrest or postcardiac arrest care

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/emi/rcac/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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Submission Deadline

Friday, 6 September 2019

Publication Date

January 2020