

Special Issue

New Advances in Extracorporeal Life Support (ECLS)

Message from the Guest Editors

The use of extracorporeal life support (ECLS) is expanding worldwide. As of now, more than 200.000 patients have been reported to the ELSO registry. Indeed, it is successfully being used to support patients with severe respiratory failure, cardiogenic shock, and during cardiopulmonary resuscitation, as well as for organ procurement from donations after circulatory death. Moreover, ECLS is increasingly being used to support high-risk patients during cardiac procedures in a cathlab, patients with drug poisoning and cases of severe septic shock. It is also being used for trauma patients, such as severe combat casualties in war zones. However, the duration of supporting patients and the age of the patients themselves are going beyond the boundaries of ECMO care. In addition, ECLS is still associated with frequent complications and high patient mortality. New technological advances and new applications of this support mode, alongside research and academic collaboration, might lead to better outcomes for our patients. This Special Issue of the Journal of Clinical Medicine is dedicated to new advances in extracorporeal life support.

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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!

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