

Special Issue

Clinical Management of Perioperative Brain Health

Message from the Guest Editor

Perioperative medicine covers a broad spectrum of diagnostic and therapeutic interventions needed to apply safe anaesthesia and perioperative care. Both functional and structural neurologic injury represent a serious risk of a compromised outcome, including increased morbidity and mortality and a decreased health-related quality of life among survivors. In recent years, there has been a growing interest in preventive measures and treatment strategies that could be implemented to reduce insults to the brain. Goal-directed therapy is recommended to all subjects at risk of neurologic complications. However, effective neuroprotection and adequate treatment are still in question.

This Special Issue seeks comprehensive high-quality manuscripts on clinical management of perioperative brain health in patients undergoing cardiac and noncardiac surgery, as well as in the critically ill. We welcome original research papers, systematic reviews, meta-analyses, and thorough reviews on this interesting topic. We hope that this Special Issue will provide up-to-date data that anesthesiologists and intensive care specialists worldwide can use to improve perioperative brain health.

Guest Editor

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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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