

Special Issue

New Updates on Anesthesia and Perioperative Medicine

Message from the Guest Editor

There has been an enormous growth of knowledge in anesthesia and critical care medicine in recent years. In clinical anesthesia, advances in ultrasound-guided regional anesthesia have led to increased safety in the application of nerve blocks and enabled the development of novel block techniques. Additionally, individualized medicine is increasingly finding its way into both the intensive care unit and the operating room. For example, new monitoring techniques such as Electrical Impedance Tomography, offer the possibility to directly observe the effect of interventions and to adapt mechanical ventilation to the patient's individual physiology. In particular, in acute respiratory distress syndrome, a personalized mechanical ventilation approach based on the individual phenotype could lead to a better treatment of this heterogeneous disease and thus to improved outcomes. This Special Issue addresses and highlights the latest developments in the entire field of anesthesia and perioperative intensive care. Original and experimental papers as well as reviews and systematic reviews are welcome for submission.

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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