

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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