

Special Issue

Enhancing Mechanical Ventilation and Lung Monitoring in Intensive Care Units: Strategies for Optimization

Message from the Guest Editors

In the last few years, many new ventilatory strategies have been suggested for patients undergoing mechanical ventilation in ICUs. Moreover, new diagnostic, non-invasive tools have been developed, such as ultrasound or electrical impedance tomography. These have facilitated a better understanding of the pathophysiology of respiratory failure and provided opportunities to improve the clinical management of ICU-housed, ventilated patients. In this Special Issue we would like to collect papers focusing on novel ways of implementing mechanical ventilation in ICUs, not only focusing on the ventilatory aspect (i.e. new ventilatory modes), but evaluating all the crucial procedures performed on ventilated patients (e.g., respiratory monitoring, sedation, secretion removal, VILI and P-SILI reduction, muscle monitoring, and respiratory physiotherapy). Therefore, we invite you to submit original papers, commentaries, and meta-analyses in order to contribute to improve the management of ICU-housed, ventilated patients.

Guest Editors

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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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