

## 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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### Deadline for manuscript submissions

closed (30 October 2024)



## Journal of Clinical Medicine

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