

Special Issue

Elevating Standards in Anesthesia Monitoring

Message from the Guest Editor

In recent years, continuous advancements in monitoring technologies have significantly enhanced our ability to tailor anesthetic management to individual patient needs, improve safety outcomes, and optimize perioperative care. Consequently, this Special Issue will showcase articles exploring the latest innovations, practical applications, and emerging trends in anesthetic monitoring. A range of key topics should be carefully addressed, from depth-of-anesthesia and nociception monitoring to hemodynamic optimization and neurophysiological assessments. Moreover, the integration of data-driven artificial intelligence strategies could further enhance the evolutionary process toward safe and effective closed-loop pathways. On this basis, I believe that this Special Issue will represent a valuable resource for clinicians and other researchers in this fascinating medical field. It will present interesting and relevant up-to-date results that will be useful for young investigators and leading experts in anesthesia research.

Guest Editor

Prof. Dr. Marco Cascella

Department of Medicine, University of Salerno, Baronissi, 84081 Salerno, Italy

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Journal of Clinical Medicine
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcm@mdpi.com

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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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