

Special Issue

Advances in General and Regional Anaesthesia

Message from the Guest Editors

Digital monitoring of anaesthesia depth (e.g., BIS, AEP, entropy EEG), neuromuscular block (NMT), and nociception (via pupillometry, SPI, NoL) remains underutilized despite its potential. This Special Issue seeks to evaluate these technologies in optimizing anaesthetic depth and intraoperative analgesia—using ultrasound-guided regional, neuraxial techniques (with adjuvants), or IV non-opioid preemptive analgesia—across diverse surgeries. Modern expectations demand elimination of acute/chronic postoperative pain, haemodynamic instability, and PONV, while reducing hospital stays and costs. Therefore, this Special Issue is for those who are currently running studies in the field of modern technologies regarding general and regional anaesthesia and their impact on the quality of postoperative care, as well as those performing additional analyses from closed projects regarding the risk factors of the incidence of adverse events to design personalised anaesthesia regimens meant to improve outcomes in patients undergoing specific surgical procedures that require an individual approach.

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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