

Special Issue

New Advances and Clinical Outcomes of Cardiothoracic Surgery

Message from the Guest Editors

In the current era, technological advancements in both hardware and software are progressing rapidly, not only in the medical field but also in engineering. Over the past few decades, precision medicine, artificial intelligence, and genetic analysis have emerged as transformative forces in healthcare. Now, we will explore how these innovations can be applied to cardiothoracic surgery and shape future developments in the field. For this Special Issue, we invite original research and reviews on emerging challenges and advancements in materials or devices, personalized diagnosis and care, and AI-driven applications in cardiothoracic surgery, including coronary artery bypass grafting, heart valve surgery, and aortic procedures. We will expand knowledge, enhance surgical outcomes, and improve patient safety. We look forward to receiving your valuable contributions.

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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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