

Special Issue

Current Trends and Future Challenges in Percutaneous Coronary Intervention

Message from the Guest Editor

The field of percutaneous coronary intervention (PCI) continues to evolve rapidly, driven by advances in imaging technologies, device innovations, and procedural techniques. Developments such as intravascular imaging (IVUS, OCT), physiology-guided PCI are expanding the boundaries of what is achievable in coronary intervention.

Additionally, the treatment of complex coronary lesions has become increasingly feasible, supported by dedicated tools and techniques. The integration of artificial intelligence and robotic-assisted PCI is also beginning to shape the future landscape of interventional cardiology.

Despite these advances, several challenges remain. These include addressing long-term outcomes in high-risk populations, optimizing antithrombotic therapy to balance ischemic and bleeding risks. Moreover, the clinical integration of novel technologies and techniques must be guided by robust evidence to ensure safety and efficacy.

In this Special Issue, we invite authors to contribute original research and review articles on the latest clinical advances in PCI, focusing on innovations, unresolved questions, and future directions in the diagnosis and treatment of coronary artery disease.

Guest Editor

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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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