

Special Issue

Advances in Spine Surgery: Best Practices and Future Directions

Message from the Guest Editors

This Special Issue aims to showcase the latest innovations, evidence-based practices, and emerging technologies that are shaping the future of spine surgery. We welcome original research articles and review articles that contribute to the advancement of spine surgery, including but not limited to the following:

- Minimally Invasive Spine Surgery (MISS)—Techniques, outcomes, and comparative effectiveness;
- Robotics and Navigation in Spine Surgery—Applications, benefits, and future potential;
- Spinal Deformity Correction—Advances in scoliosis and sagittal deformity treatment;
- Regenerative Medicine and Biologics—Stem cell therapy, tissue engineering, and biomaterials in spinal fusion;
- Enhanced Recovery After Surgery (ERAS) Protocols—Best practices for perioperative care and patient outcomes;
- Artificial Intelligence and Machine Learning—Their role in preoperative planning, intraoperative guidance, and postoperative rehabilitation;
- Spinal Trauma and Degenerative Conditions—Novel treatment strategies for disc degeneration, spondylolisthesis, and spinal stenosis;
- Complications and Risk Mitigation—Strategies to reduce infection, hardware failure, and adjacent segment disease.

Guest Editors

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About the Journal

Message from the Editorial Board

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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