Special Issue

Lumbar Spine Surgery: Clinical Updates and Perspective

Message from the Guest Editor

This Special Issue of the Journal of Clinical Medicine aims to provide a comprehensive overview of the latest developments in lumbar spine surgery, including both surgical techniques and emerging technologies, with a focus on improving patient outcomes and advancing our understanding of spinal disease. In addition to covering topics such as spinal alignment in degenerative lumbar spine, minimally invasive surgery, spinal fusion, and the use of new technologies like robotics and navigation systems, this Special Issue will explore patient expectations for performance and outcomes in lumbar spine surgery. The growing trend of lumbar endoscopy as a minimally invasive surgical technique will also be highlighted, with a focus on its benefits and limitations compared to traditional open surgery. The use of big data analytics, AI, and machine learning techniques are also discussed as emerging tools to improve outcomes in lumbar spine surgery. Overall, this Special Issue aims to provide insights into the latest advances in the field, emphasizing core problems to be solved and mobilizing efforts towards improving diagnosis, treatment, and prognosis in the setting of lumbar surgical care.

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2025)

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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