

Special Issue

Clinical Advances in Spinal Neurosurgery

Message from the Guest Editor

Spinal neurosurgery continues to evolve, with the goal of improving both surgical techniques and patient outcomes. While minimally invasive approaches—including lateral, anterior, and endoscopic spine surgery—have revolutionized treatment by reducing morbidity and enhancing recovery, there remains a critical need for better ways to assess functional outcomes, patient satisfaction, and long-term success. Emerging perioperative strategies, advanced imaging modalities, and refined outcome measures are playing a pivotal role in optimizing surgical decision-making and postoperative care. This Special Issue welcomes original research, clinical studies, and reviews on the latest innovations in spinal neurosurgery, with a focus on novel surgical techniques, enhanced recovery pathways, and improved methods for measuring patient outcomes. We encourage contributions exploring minimally invasive spine surgery, advanced perioperative assessment tools, patient-reported outcome measures, and objective functional metrics that enhance our understanding of post-surgical recovery.

Guest Editor

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Deadline for manuscript submissions

25 July 2026



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/234023

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