



Clinical Advances in Orthopaedic Treatment of Lumbar and Spine Diseases

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Message from the Guest Editors

Dear Colleagues,

The field of orthopaedic surgery is constantly evolving, driven by advancements in medical technology, surgical techniques, and our understanding of diseases and conditions affecting the lumbar spine. Lumbar spine surgery plays a pivotal role in addressing a wide range of conditions, including degenerative disc disease, spinal stenosis, herniated discs, trauma, neoplastic spine diseases and spinal deformities.

The topics of interest for this special issue include, but are not limited to:

1. Minimally invasive surgical techniques for lumbar spine disorders
2. Navigation-assisted and robotic-assisted spine surgery
3. Biologics and regenerative therapies in the treatment of lumbar spine diseases
4. Advances in spinal fusion techniques and implants
5. Patient-specific approaches in the management of spinal deformities
6. Rehabilitation and postoperative care in lumbar spine surgery
7. Outcomes research and quality improvement initiatives in spine surgery
8. Neurosurgical perspectives on lumbar spine surgery

We encourage authors to submit original research articles, review articles that contribute to the knowledge of this field.

Special Issue



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Message from the Editorial Board

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