

Special Issue

Recent Advances in Spine Surgery

Message from the Guest Editors

During the past decade, spinal surgery has been subject to a multitude of technological advances and innovations, and many specialties are experiencing a change in their treatment paradigms. The aim of this Special Issue is to give the reader an overview of new and emerging technologies, critically assess their usefulness and effectiveness, and elucidate the existing quality of scientific evidence on these topics. Special focus will be placed on recent advances in:

- spinal tumor surgery, i.e., treatment of metastatic spine disease with or without spinal cord compression and treatment of malignant primary bone tumors;
- neurogenic and juvenile idiopathic scoliosis (growing rods, sublaminar bands);
- TDR vs. ACDF (long-term outcome);
- prevention and surgical treatment of adjacent segment disease and proximal junctional kyphosis (interspinous bands);
- emerging technologies and their implications;
- minimally invasive surgery (MIS);
- treatment of the aging spine (fast track surgery, prehabilitation);
- bracing in scoliosis;
- sagittal profile; and
- new innovative diagnostic tools (stereoradiography).

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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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