

Special Issue

Advances in Scoliosis, Spinal Deformity and Other Spinal Disorders

Message from the Guest Editors

Spinal disorders are the leading cause of disability worldwide, there is a growing number of persons with adult spinal deformities. In the present Special Issue for the Journal of Clinical Medicine, we aim to highlight current research focused on the management of adult spinal deformities. Specific areas of focus include the following: 1) the application of predictive analytics to patients with adult spinal deformities, focusing on preoperative risk stratification and the development of clinical tools that can assist with preoperative counseling; 2) musculoskeletal health optimization, including pre/postoperative bone health optimization and the incorporation of bone and musculoligamentous integrity into construct selection and mechanical complication prevention; and 3) the utilization of novel technologies and techniques, such as minimally invasive approaches (e.g., anterior column reconstruction) and individualized/patient-specific hardware, to improve outcomes. **Keywords:** adult spinal deformity; scoliosis; spinal biomechanics; predictive calculators; bone health optimization; minimally invasive spine surgery; mechanical complication prevention; frailty

Guest Editors

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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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