



Challenges in Spinal Deformity

Guest Editor:

Dr. Peter G. Passias

Departments of Orthopedic and
Neurological Surgery, NYU
Langone Health/New York Spine
Institute, New York, NY 10016,
USA

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Message from the Guest Editor

The prevalence of Adult Spinal Deformity (ASD) has grown over the last three decades as the importance of spinal health is increasingly recognized. Patients with adult spinal deformities often have other medical co-morbidities, including high levels of frailty, which makes ASD surgery particularly challenging and complex. Yet, surgical correction of ASD has been demonstrated to reduce the physiological and psychological burden of spinal malalignment, though significant challenges remain regarding the prevention and identification of post-operative outcomes complications. Whether it be the elucidating of novel hurdles of minimally invasive technique, or tackling complex multi-dimensional correction of severe deformity, improving corrective strategies and addressing the ever-increasing complexities and challenges that ASD surgery presents to physicians, patients, and institutions remains of paramount importance. In the present Special Issue, we present an overview of each technique, focusing our interest on the challenges of treating adult spinal deformity, as well as presenting the most recent approaches and techniques to address such hurdles.





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Journal of Clinical Medicine Editorial
Office
MDPI, St. Alban-Anlage 66
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