

Special Issue

Spinal Deformity: Diagnosis, Complication and Treatment in Adolescent Patients

Message from the Guest Editor

Idiopathic spinal deformities in the adolescent population are generally afflicting millions of patients. Including idiopathic adolescent scoliosis (AIS) and hyperkyphosis (idiopathic or in Scheuermann disease). If untreated, the progression of deformities can lead to back pain, spinal decompensation, pulmonary function limitations and changes in appearance associated with psychological distress. In the last few years, clear guidelines for the diagnosis of the pathology have been published in the medical literature and are generally followed by all health figures involved in the management of this complex disease. However, clear and universally accepted guidelines are still lacking for both the conservative and surgical treatment of spinal adolescent deformities. This Special Issue, which will include original papers and reviews, aims to provide an updated overview of the latest advances in the diagnosis methods and treatment options and possible complications of adolescent spinal deformities.

Keywords scoliosishyperkyphosisspine deformitysurgical treatmentcomplicationsconservative management

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Deadline for manuscript submissions

closed (24 July 2024)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.7
Indexed in PubMed



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