

Special Issue

Clinical Advances of Adolescent Idiopathic Scoliosis: Current Status and Prospects

Message from the Guest Editors

Adolescent idiopathic scoliosis (AIS) is a significant clinical concern, this spinal deformity poses challenges due to not only its impact on quality of life but also the complexities in treatment and long-term care. The continued advancement of clinical practices and research efforts is important to improving outcomes for those affected by AIS. The Special Issue aims to collect the latest advancement in the diagnosis, treatment, and overall management of AIS. Recent years have seen a surge in innovative approaches, from enhanced bracing techniques and surgical advancements to the incorporation of digital health technologies, which are helping to refine treatment precision and patient monitoring. The issue will deepen key areas of clinical progress, including non-invasive therapies, surgical strategies, and the evolving role of rehabilitation in AIS care. Additionally, research advances exploring long-term outcomes, treatment optimization, and the integration of innovative approaches will be highlighted to offer a comprehensive view of the current landscape and future directions. We invite contributions from experts in AIS research and clinical practice to share their findings.

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