

## Special Issue

# Advances in Paediatric Spine Surgery

### Message from the Guest Editors

The constantly evolving field of pediatric spine surgery has seen tremendous advancements in recent years. Modern technologies, including vertebral body tethering (VBT), patient-specific rods, self-growing rods, minimally invasive, robot-assisted, and surgical navigation, are active areas of investigation. Similarly, enhanced recovery after surgery (ERAS) protocols as well as newer strategies for peri-operative analgesia are promising tools to hasten recovery after surgery. The aim of this Special Issue is to bring together prominent scholars in the field of pediatric spine surgery and present the most advanced research in the field. This Special Issue will focus on all aspects of pediatric spine surgery, including scoliosis, hyperkyphosis, congenital deformities, spondylolisthesis, with a special interest in new technologies, new surgical techniques, and peri-operative management protocols. Keywords

- scoliosis
- adolescent idiopathic scoliosis
- neuromuscular scoliosis
- children
- enhanced recovery after surgery
- vertebral body tethering
- 3D
- kyphosis
- sagittal
- spondylolisthesis
- patient-specific rods
- spondylodiscitis

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### Guest Editors

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### Deadline for manuscript submissions

closed (15 May 2024)



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## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute a research article or comprehensive review for consideration and publication in *Children* (ISSN 2227-9067). *Children* is an open access journal—research articles, reviews, and other content are published online immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. The journal focuses on sharing clinical, epidemiological, and translational science relevant to children's health. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

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