

A Comprehensive Guide to the AOSPINE Masters Volume: Pediatric Spinal Deformities



AOSpine Masters Series, Volume 9: Pediatric Spinal Deformities (AOSpine Masters Series, 9) by Hector Gonzalo

★★★★★ 5 out of 5

Language	: English
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Enhanced typesetting	: Enabled
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Dimensions	: 6.14 x 0.37 x 9.21 inches



The AOSPINE Masters Volume: Pediatric Spinal Deformities is a comprehensive and authoritative resource on the management of pediatric spinal deformities. Published by The AOSPINE Foundation, this comprehensive volume brings together the expertise of leading pediatric spinal surgeons from around the world to provide a state-of-the-art overview of the field.

In this article, we will provide a comprehensive overview of the AOSPINE Masters Volume: Pediatric Spinal Deformities, discussing its significance, key topics, and contributions to the field of pediatric spinal surgery.

Significance of the AOSPINE Masters Volume

The AOSPINE Masters Volume: Pediatric Spinal Deformities is a significant contribution to the field of pediatric spinal surgery for several reasons:

- **Comprehensive coverage:** The volume covers all aspects of pediatric spinal deformities, from diagnosis and classification to surgical techniques and postoperative management.
- **Expert authorship:** The volume is authored by leading pediatric spinal surgeons who share their knowledge and experience on the latest techniques and best practices.
- **Evidence-based approach:** The volume provides evidence-based guidance on the management of pediatric spinal deformities, ensuring that surgeons are making decisions based on the latest research.
- **Educational value:** The volume serves as an educational resource for surgeons, residents, and fellows who are interested in learning more about pediatric spinal deformities.

Key Topics Covered

The AOSPINE Masters Volume: Pediatric Spinal Deformities covers a wide range of topics, including:

- **Classification of pediatric spinal deformities:** The volume provides a comprehensive overview of the different types of pediatric spinal deformities, including scoliosis, kyphosis, and spondylolisthesis.
- **Diagnosis and evaluation:** The volume discusses the various methods used to diagnose and evaluate pediatric spinal deformities, including physical examination, imaging studies, and neurological testing.

- **Surgical techniques:** The volume provides detailed descriptions of the different surgical techniques used to treat pediatric spinal deformities, including anterior and posterior spinal fusion, and vertebral body tethering.
- **Postoperative management:** The volume provides guidance on the postoperative management of patients with pediatric spinal deformities, including pain management, rehabilitation, and bracing.
- **Special topics:** The volume also covers special topics, such as the management of spinal deformities in children with neuromuscular disorders and the use of biologics in spinal fusion surgery.

Contributions to the Field

The AOSPINE Masters Volume: Pediatric Spinal Deformities has made significant contributions to the field of pediatric spinal surgery by:

- **Improving surgical outcomes:** The volume provides evidence-based guidance on the management of pediatric spinal deformities, which has led to improved surgical outcomes.
- **Educating surgeons:** The volume serves as an educational resource for surgeons, residents, and fellows, helping to advance the knowledge and skills of pediatric spinal surgeons.
- **Promoting collaboration:** The volume brings together the expertise of leading pediatric spinal surgeons from around the world, fostering collaboration and innovation in the field.

The AOSPINE Masters Volume: Pediatric Spinal Deformities is an essential resource for pediatric spinal surgeons. It provides comprehensive coverage

of all aspects of the field, from diagnosis and classification to surgical techniques and postoperative management. The volume is written by leading experts and is based on the latest research, making it an invaluable resource for surgeons who are committed to providing the best possible care for their patients.



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