



Spinal Deformities

The Comprehensive Text

Author : Christopher DeWald, Ronald DeWald

Edition : 2

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Description

The definitive authoritative textbook on spinal deformities from the Scoliosis Research Society

Spinal Deformities: The Comprehensive Text, Second Edition, edited by renowned spinal deformity surgeons Christopher J. DeWald and his father Ronald L. DeWald, is a long-awaited, authoritative, one-stop resource that covers the breadth and depth of this specialized field. The first edition textbook edited by Ronald DeWald attempted to help formulate a Scoliosis Research Society (SRS) core curriculum for spinal deformity to meet the educational needs of both aspiring and seasoned spine deformity surgeons. This second edition edited by father and son expands and reorganizes the core curriculum concept. Since the publication of the first edition in 2003, significant advancements have been made in this field. This book reflects greater understanding of the mechanics of correction, new implants and techniques that improve three-dimensional correction, emergence of innovative growing constructs for early-onset scoliosis, and introduction of minimally invasive and nonfusion approaches.

The textbook features 81 chapters organized into six comprehensive sections: Spinal Anatomy and Evaluation, Spinal Pathologies, Pediatric and Adolescent Spinal Deformity, Adult Spinal Deformity, Spondylolisthesis, and Surgical Considerations and Complications. From perioperative management to intraoperative neuromonitoring techniques, the authors share strategies to enhance patient safety and optimize surgical outcomes. Greatly expanded content covers anatomy, etiologies, pediatric and adult deformities, surgical and nonsurgical treatments, and potential pitfalls.

Key Features-

- ▶ Sponsored by the SRS, with 100% of contributions from members, including senior surgeons
- ▶ Step-by-step instructions on diagnosis, surgical planning, operating room setup, intraoperative techniques, and

- management of complex complications
- Forty videos covering major techniques enhance understanding of surgical procedures and facilitate acquisition of practical skills.

This comprehensive reference and practical guide is essential reading for all spine deformity surgeons, from residents and fellows to more advanced practitioners.

This book includes complimentary access to a digital copy on <https://medone.thieme.com>.

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