Up until 20 years ago congenital scoliosis was considered to be a practically benign disease characterized by a slow and progressive growth of the curve that naturally led to a final correction of the deformity. More recently, it turned out to be too optimistic. Deeper studies on spinal pathology have proved the existence of highly progressive forms of congenital scoliosis often associated with other diseases affecting the urinary and genital system. The curve may be very noticeable even at birth before any type of surgical treatment may be initiated, in order to reduce the risk of irreversible lesions to the spinal cord to a minimum. This volume encompasses all clinical and diagnostic aspects of the subject including historical and radiologic entities, and identifies the role of various techniques in the treatment of the different deformities. Sections are arranged thematically and comprise a comprehensive presentation of the current knowledge. A valuable resource for spine surgeons, residents and fellows who want to focus on spinal deformity correction will find this instructive and enlightening.

Pediatric Spinal Deformities

by R. Shane Tubbs 2019-03-14 This volume covers the known details of all subtypes of idiopathic scoliosis and covers the surgical approaches to these conditions with a deep dive into the history and embryology of occult spinal dysraphisms. Following this, subtypes of occult spinal dysraphism are thoroughly explored – of which include split cord malformations, tethered cord syndrome, sacral agenesis, hemivertebrae, and hemisegmentation. The second part of the book will cover the clinical presentation, radiological features, and surgical nuances of all the occult spinal dysraphisms. The third part of this book provides a new and different perspective on the contribution of deformity in idiopathic scoliosis. This thought-provoking textbook will give the reader a comprehensive understanding of the surgical treatment of these complex conditions.

Ossicular Deformities and Other Spinal Deformities

by John H. Moe 1978

Scoliosis and Other Deformities of the Axis Skeleton

Edward J. Risbergo 1975

Scoliosis Deformities and Other Spinal Deformities by John H. Moe 1995

The 3rd Edition of this classic text presents the latest procedures in the diagnosis and clinical management of spinal malformation. Surgical and non-surgical treatments for treating scoliosis and other spinal deformities are discussed in detail as well as individual considerations for the young and old. This comprehensive text will be of interest to residents, fellows, and clinicians associated with a wide range of normal pelvic shapes and associated pelvic incidence angles (Pls). While all types of deformity are addressed, the book maintains an emphasis on the management of deformities that exist in younger patients. This volume is a comprehensive resource for surgeons, residents, and fellows who want to focus on spinal deformity correction. The book provides authoritative discussion on the surgical techniques and management of surgical and non-surgical problems associated with spinal deformities. It is an invaluable reference for orthopedic surgeons, residents, and fellows in those specialties, and allied health professionals requiring a comprehensive reference and review.

Behavioral and Psychological Development

by Robert A. Baer 2001

Scoliotic-Deformities-of-the-spi

Ossicular Deformities and Other Spinal Deformities - E-Book

Curis Walters Dewey 2016-02-18 This is a review of surgical and nonsurgical approaches to scoliosis. It is a comprehensive account of the diagnostic and surgical interventions of scoliosis. The book is divided into sections that focus on principles of spinal osteotomy, technical and case illustration and management strategies. It includes sections addressing the management of deformities, deformities, deformities, and deformities. This is an invaluable evaluation and management tool for neurosurgical and orthopaedic residents and practitioners desiring to help patients improve treatment outcomes and quality of life.

Idiopathic scoliosis, and non-surgical techniques for treating scoliosis and other spinal deformities are discussed in detail as well as individual considerations for the young and old. This comprehensive text will be of interest to residents, fellows, and clinicians associated with a wide range of normal pelvic shapes and associated pelvic incidence angles (PIs). While all types of deformity are addressed, the book maintains an emphasis on the management of deformities that exist in younger patients. This volume is a comprehensive resource for surgeons, residents, and fellows who want to focus on spinal deformity correction. The book provides authoritative discussion on the surgical techniques and management of surgical and non-surgical problems associated with spinal deformities. It is an invaluable reference for orthopedic surgeons, residents, and fellows in those specialties, and allied health professionals requiring a comprehensive reference and review.