Record Nr. UNINA9910460855303321 Early onset scoliosis: a comprehensive guide from the Oxford meetings **Titolo** // edited by Colin Nnadi; with contributions by Ahmed Abdelaal [and thirty eight others] Thieme:,: Stuttgart, [Germany],, 2016 Pubbl/distr/stampa ©2016 **ISBN** 3-13-172671-7 Descrizione fisica 1 online resource (294 p.) Disciplina 617.375 Soggetti Spine - Diseases Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali "240 illustrations." Includes bibliographical references at the end of each chapters and Nota di bibliografia index. Early Onset Scoliosis: A Comprehensive Guide from the Oxford Nota di contenuto Meetings; Title Page; Copyright; Dedication; Contents; Preface; Acknowledgments: Contributors: Part I The Growth and Development in Mammalian Spine; 1 Frontier of the Impossible; 2 Development of the Spine; 3 The Genetics of Congenital Scoliosis and Abnormal Vertebral Segmentation: 4 Respiratory Implications of Abnormal Development of the Spine; Part II Congenital Deformities; 5 Neuroaxial Anomalies; 6 Congenital Deformities of the Spine; 7 Surgical Treatment of Congenital Spinal Deformity 8 Surgical Treatment: The Nottingham ExperiencePart III Infantile Idiopathic Scoliosis; 9 Surgical Intervention; 10 Growth as a Corrective Force: 11 The Mehta Casting Technique: Part IV The Experts' View: 12 Dual Growing Rod Treatment; 13 Surgical Options: the Shilla Procedure; 14 The Experts' View: A Narrative of the Great Debate; 15 Complications of Growing Rod Treatment; Part V Neuromuscular Scoliosis: 16 The Natural History of Neuromuscular Scoliosis: 17 Assessing Outcomes in Neuromuscular Scoliosis; 18 Surgical Treatment

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Sommario/riassunto

Covering the spectrum of spinal deformity that occurs between birth and 10 years, early onset scoliosis (EOS) is an evolving specialty that faces unique challenges, especially in controlling the progression of the condition while allowing the growth of the developing spine, lungs and thorax. This important book was inspired by the inaugural early onset scoliosis meeting of spine surgeons and other medical professionals in Christ Church, Oxford, UK, in September 2011. It provides a complete picture of the field today, with topics ranging from spinal development and genetics to advances in medi