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Prognosis; Prediction of Spinal Deformity in Scoliosis from Geometric Torsion; The Natural History of Early Onset Scoliosis; The Incidence of Idiopathic Scoliosis in Greece - Analysis of Domestic School Screening Programs; School Screening in the Heavily Industrialized Area - Is There Any Role of Industrial Environmental Factors in Idiopathic Scoliosis Prevalence?

Biomechanical Factors Affecting Progression of Structural Scoliotic Curves of the SpinePositional Cloning Strategies for Idiopathic Scoliosis; Prediction of Curve Progression in Idiopathic Scoliosis from Gene Polymorphic Analysis; Mechanical Modulation of Vertebral and Tibial Growth: Diurnal versus Full-time Loading; Growth Patterns in Patients with Unoperated Congenital Vertebral Anomaly; Morphometric Characteristics of the Thoracic and Lumbar Pedicles in the Greek Population; Does Coralline Hydroxyapatite Conduct Fusion in Instrumented Posterior Spine Fusion?

The Effects of Mechanical Loading on the mRNA Expression of Growth Plate CellsBack Shape Assessment in Each of Three Positions in Preoperative Patients with Adolescent Idiopathic Scoliosis (AIS): Evaluation of a 10-Level Scoliometer Method Interpolated to 18-Levels; The Validity of Clinical Examination in Adolescent Spinal Deformities; New Approach to Objective Diagnostics of Polyfunctional Disorders of the Neuromuscular Regulation in Children with Various Forms of Spine Deformities; Spinal Mobility and EMG Activity in Idiopathic Scoliosis through Dynamic Lateral Bending Tests Three Dimensional Analysis of Chest Wall Motion during Breathing in Healthy Individuals and Patients with Scoliosis using an Ultrasonography-based System

Sommario/riassunto

The proceedings of the Biannual Meeting of the International Research Society of Spinal Deformities. The papers and posters cover: aetiology; genetics and growth; natural history and prognosis; assessment; biomechanics; surface topography; conservative treatment; surgical treatment; and more.
