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Nota di contenuto	Cover; Title page; Preface; Contents; The Effects of Exposure to Intense, 24 h Light on the Development of Scoliosis in Young Chickens; Is the Labyrinthine Dysfunction a Causative Factor in Idiopathic Scoliosis?; Is the Central Nervous System a Causative Factor in Idiopathic Scoliosis?; The NOTOM Hypothesis for Idiopathic Scoliosis: Is it Nullified by the Delayed Puberty of Female Rhythmic Gymnasts and Ballet Dancers with Scoliosis?; Etiologic Theories of Idiopathic Scoliosis: Neurodevelopmental Concepts to be Evaluated Study of the Rib Cage Deformity in Children with 10°-20° of Cobb Angle Late Onset Idiopathic Scoliosis, using Rib-Vertebra Angles - Aetiologic ImplicationsLateral Spinal Profile in School-screening Referrals with and without Late Onset Idiopathic Scoliosis 10°-20°; Etiologic Theories of Idiopathic Scoliosis: The Apical Spinal Deformity - Relevance to Surgical Practice; Etiology of the So-called ""Idiopathic Scoliosis"". Biomechanical Explanation of Spine Deformity. Two Groups of Development of Scoliosis. New Rehabilitation Treatment; Possibility of Prophylactics Comparison of Body Weight and Height Between Normal and Scoliotic ChildrenEvolution of 3D Deformities in Adolescents with Progressive Idiopathic Scoliosis; Adolescent Idiopathic Scoliosis: Natural History and

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 Spine; Positional 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 Cells; Back 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.
