Spinal deformities are a common phenomenon in children and adults, and they may occur due to a congenital deformity, age-related degeneration, disease-related processes or idiopathic causes. Sagittal imbalances of the spine include kyphosis (including Scheuermann’s disease), flat back syndrome and lordosis (also known as chin-to-chest). Scoliosis is a spinal deformity that affects all three planes of the body. The onset may be in infantile, juvenile, adolescent or adult age. Treatment for these conditions may include physical therapy, bracing and surgery. In the recent decade, much research has been done in the area of spinal deformities and other postural disorders. This book will contain research papers and reviews on the latest innovations in the area of spinal deformities and postural disorders. Also included will be the postural management of people with poor posture working in different types of occupations. Further, the book aims to include the latest innovative assessment and treatment approaches from all health care professionals working in this field.

Topics will broadly include, but not be limited to:

- conservative methods
- surgical management of spinal deformities and postural disorders
- aetiology
- screening
- biomechanics
- surface topography and back shape
- other spinal deformity related issues

In collaboration with scientific editors

**Josette Bettany-Saltikov**

Dr. Josette Bettany-Saltikov qualified as a Physiotherapist in Malta in 1986 and has a master’s degree in Orthopaedic and Sports Physical Therapy from the State University of New York at Buffalo (USA). Her PhD from Kings College, University of London, investigated the Topographical, kinesiological and Psychological factors in patients with scoliosis. Josette has over 23 years’ experience of conducting research studies in spinal deformities and over 17 years’ experience of teaching research methods to nursing and allied health professionals. She has published over 100 papers in leading journals. Josette has also presented over 80 papers relating to spinal deformities and systematic reviews at both national and international conferences. Josette is a member of the Health Professions Council, the Chartered Society of Physiotherapists, the British Scoliosis Society, the International Research society of Spinal deformities and the Society of Spinal and Orthopaedic Rehabilitation Treatment (SOSORT).

**Sanja Schreiber**

Dr. Sanja Schreiber is a researcher and clinician. She holds a Ph.D. in Rehabilitation Science from University of Alberta, Canada. She completed her postdoctoral work in the area of health outcomes research and knowledge synthesis methods in the Department of Pediatrics at the University of Alberta. She is a certified Schroth scoliosis therapist and international regional Schroth instructor. Dr. Schreiber devoted much of her life to helping children and adults with spinal deformities through her research and clinical practice. Her work provided important evidence about the effectiveness of the Schroth exercises for adolescents with idiopathic scoliosis. Dr. Schreiber’s research attracted public interest, and was mentioned in The New York Times.
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