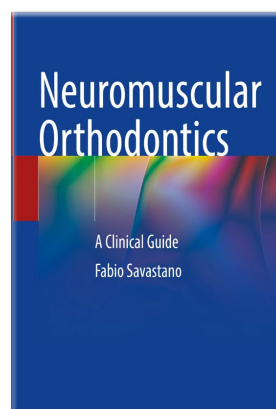


Neuromuscular Orthodontics

A Clinical Guide

Author: Fabio Savastano
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Books Review

Dr. Fabio Savastano specialized in Orthodontics at the University of Padua (1990). Since 1991, he has been applying the principles of Neuromuscular Dentistry (NMD) in orthodontics, and since 1994 he has been developing a unique diagnosis and treatment protocol for orthodontics, as a distinct branch of the field. Since 1989, Dr. Savastano has disseminated his knowledge of Neuromuscular Dentistry in orthodontics through lectures and courses in Italy and in over 12 other countries of the world, teaching over 1,200 doctors. He is currently an adjunct professor and director of the master's program in Neuromuscular Orthodontics at the Universitat Jaume I in Castellón, Spain.

Fascinated by the idea of considering occlusion as a dynamic aspect of the stomatognathic system, he begins to apply neuromuscular principles in orthodontics and studies his cases initially using Myotronics® K5-AR in 1991, and later K6I and K7. To synthesize his experience in Neuromuscular Dentistry, he drafted the book entitled Neuromuscular Orthodontics | A Clinical Guide divided in 12 chapters.

The book provides a solid foundation in neuromuscular dentistry, explaining the anatomy and function of the stomatognathic system, neuromuscular theory and the stomatognathic triad. Important techniques such as TENS and surface EMG are presented, a simplified protocol with the bioelectrical instrumentation used for diagnosis, treatment planning and monitoring, schematic kinesiographic representation of occlusal dental relationships in occlusal Class I, II and III, with the ideal function linked to ideal swallow, mandibular freedom and spontaneous mandibular migration (SMM) and head and body posture in relation to mandibular position. The last chapter covers case studies with kinesiographic recordings for diagnosis, treatment planning, showing long-term results after treatment.

Neuromuscular Orthodontics promotes a physiological method of practicing dentistry, is written in an easy-to-understand style and supported by eloquent iconography, constituting an indispensable guide for the application of neuromuscular concepts in orthodontics to meet the needs of students, dental practitioners and orthodontists.

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