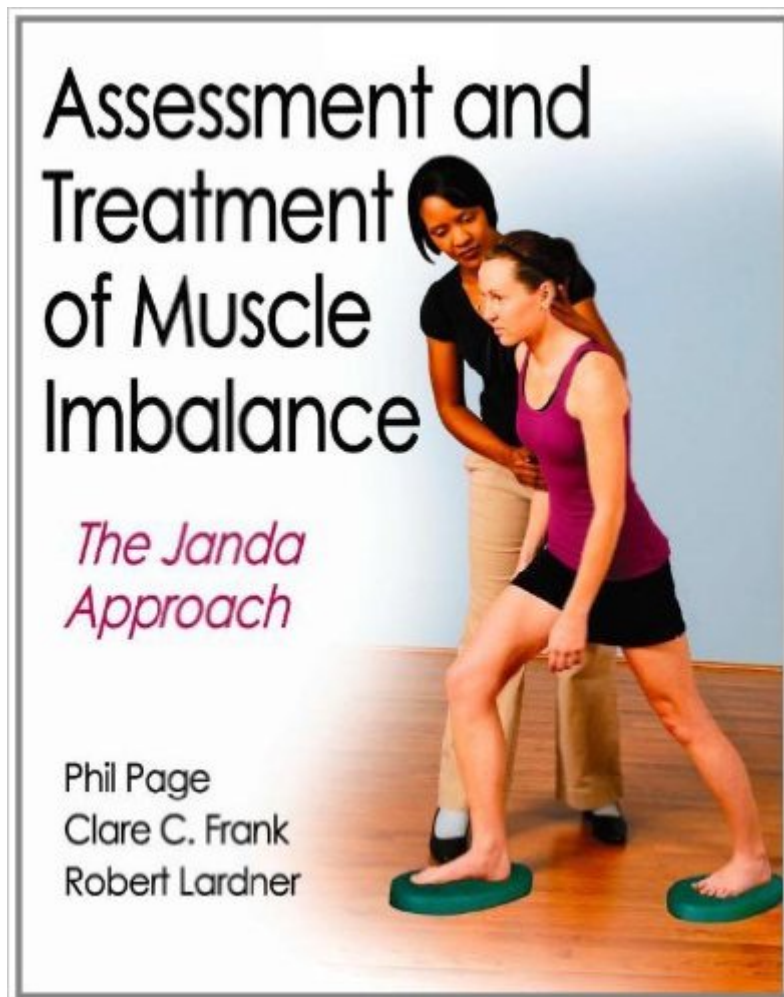


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# Assessment And Treatment Of Muscle Imbalance: The Janda Approach



## Synopsis

Assessment and Treatment of Muscle Imbalance: The Janda Approach blends postural techniques, neurology, and functional capabilities in order to alleviate chronic musculoskeletal pain and promote greater functionality. Developed by Vladimir Janda, respected neurologist and physiotherapist, the Janda approach presents a unique perspective to rehabilitation. In contrast to a more traditional structural view, the Janda approach is functional—emphasizing the importance of the sensorimotor system in controlling movement and chronic musculoskeletal pain syndromes from sports and general activities. Assessment and Treatment of Muscle Imbalance: The Janda Approach is the only text to offer practical, evidence-based application of Janda's theories. Filled with illustrations, photos, and step-by-step instructions, Assessment and Treatment of Muscle Imbalance uses a systematic approach in presenting information that can be used in tandem with other clinical techniques. This resource for practitioners features the following tools:

- A rationale for rehabilitation of the musculoskeletal system based on the relationship between the central nervous system and the motor system
- A systematic method for the functional examination of the muscular system
- Treatment processes focusing on the triad of normalization of peripheral structures, restoration of muscle balance, and facilitation of afferent systems and sensorimotor training
- The role of muscle imbalance and functional pathology of sensorimotor systems for specific pain complaints, including cervical pain syndrome, upper- and lower-extremity pain syndromes, and low back pain syndromes

Assessment and Treatment of Muscle Imbalance provides an evidence-based explanation of muscle imbalance. The step-by-step Janda system of evaluation is explained—including analysis of posture, balance, and gait; evaluation of movement patterns; testing of muscle length; and assessment of the soft tissue. The text explores treatment options for muscle imbalance through facilitation and inhibition techniques and sensorimotor training to restore neuromuscular function. It also includes four case studies examining musculoskeletal conditions and showing how the Janda approach compares with other treatments. This text combines theory, evidence, and applications to assist clinicians in implementing the Janda approach into their practice.

Assessment and Treatment of Muscle Imbalance: The Janda Approach focuses on the neurological aspects of muscle imbalance that are common causes of pain and dysfunction in sports and occupational activities. By distilling the scientific works of Vladimir Janda into a practical, systematic approach, this unique resource will assist health care providers in treating patients with musculoskeletal complaints as well as exercise professionals in developing appropriate exercise prescription and training programs. v

## Book Information

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## Customer Reviews

Vladimir Janda influenced generations of practitioners crossing many disciplines and continents. The books he wrote were influential and have created many schools of thought and practice around the world. This book is an evidence-based updating of the research supporting the Janda model of muscular imbalance, written by three physical therapists who worked with Janda. Janda and many other important researchers, including Panjabi, Goodheart, Travell & Simons, Lewit, Jull, Sahrman, Bergmark, Hammer, Liebenson, Lund, Chaitow and DeLany, have all shown that muscles respond predictably to pain and/or injury. The importance of detecting these muscular imbalances cannot be over-emphasized, as they are the fundamental measurable characteristic of neurological disturbances. These researchers suggest that muscle imbalance is an essential component of neuromusculoskeletal system dysfunction. Yet this disorder of the muscle system is routinely ignored in the diagnosis and treatment of these patients. The Janda Approach describes a full spectrum of muscle imbalance (with supportive research and excellent artwork and photography) from relatively common problems associated with aches and pain, including chronic low back and neck pain, to the more serious mechanical injuries to the brain and spinal cord. The final part of the book covers common clinical syndromes by region: cervical, upper extremity, lumbar and lower extremity. Many therapeutic options -- mostly involving exercise ("sensorimotor training") -- are offered in The Janda Approach. Despite studying Janda's work for many years, there was much material in this book that I discovered for the first time. Highly recommended!-- Dr.

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