

Key Features:

- Photographs and illustrations demonstrate various techniques to help you better understand positioning, stabilization, and common substitutions.
- Chapters follow a logical progression from muscle testing to sensory testing to gait assessment, making the learning process clear.
- Chapters on dynamometry, sensory examination, neurologic examination, and gait provide you with additional need-to-know information on these key topics.

New to this Edition:

- **NEW!** *Techniques of Functional Muscle Testing* chapter includes completely revised content to give you a strong foundation of testing techniques.
- **UPDATED!** Expanded clinical notes and case vignettes challenge you to apply your knowledge to real-world situations and think creatively about clinical problems.
- **UPDATED!** Consistent chapter layout by joint and muscle system allows you to easily locate important information.
- **UPDATED!** References throughout the book enable you to quickly find the most up-to-date sources on specific topics.
- **UNIQUE!** 185 Video clips on the companion Evolve website reinforce your understanding of key techniques, such as muscle tests, handheld dynamometry, pediatric handheld dynamometry, sensory and neurologic testing, proper patient and clinician positioning, and force application.

Περιεχόμενα:

1. Introduction to Muscle Strength Testing
2. Techniques of Manual Muscle Testing: Upper Extremity
3. Techniques of Manual Muscle Testing: Head, Neck, and Trunk
4. Techniques of Manual Muscle Testing: Lower Extremity
5. Techniques of Functional Muscle Testing
6. Techniques of Pediatric Muscle Testing
7. Hand-held Dynamometry for Muscle Testing
8. Techniques of the Sensory Examination
9. Techniques of the Remainder of the Neurologic Examination: Coordination, Mental Status, Cranial Nerves, and Superficial Reflexes
10. Observational Gait Analysis as a Screening Tool

Appendix A: Average Joint Ranges of Motion

Appendix B: Muscle Innervations by Spinal Cord Level

Appendix C: Muscle Innervations by Peripheral Nerve

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