

Χαρακτηριστικά:

- UPDATED! Evidence-based content and references ensure you are learning the most current and clinically applicable information available
- NEW! Enhanced ebook version, *included with every new print purchase*, allows access to all the text, figures, and references, with the ability to search, customize content, make notes and highlights, and have content read aloud
- Comprehensive coverage addresses rehabilitation in a variety of environments, including acute care, long-term care and home health care, and outpatient settings
- Evidence-based research throughout the text helps you develop clinical-decision making skills
- Logically organized content is presented in three parts to correspond with typical patient problems and clinical decision-making
- Case studies present real-life scenarios that demonstrate how key concepts apply to clinical decision-making and evidence-based practice
- World Health Organization disablement model (ICF) is incorporated to help you learn how to match a patient's limitations with the best clinical treatment
- Multidisciplinary approach in a variety of settings demonstrates how physical therapists can work with the rest of the healthcare team to provide high-quality care in orthotic/prosthetic rehabilitation
- Modern equipment and technology are featured throughout the text, presenting the latest options in prosthetics and orthotics rehabilitation
- Authoritative information from the *Guide to Physical Therapist Practice, Second Edition*, is incorporated throughout
- A wealth of tables and boxes highlight vital information for quick reference and ease of use

Περιεχόμενα:

SECTION I Building Baseline Knowledge

1. Orthotics and Prosthetics in Rehabilitation: Multidisciplinary Approach
2. Aging and Activity Tolerance: Implications for Orthotic and Prosthetic Rehabilitation
3. Motor Control, Motor Learning, and Neural Plasticity in Orthotic and Prosthetic Rehabilitation
4. Evidence-Based Approach to Orthotic and Prosthetic Rehabilitation
5. Clinical Assessment of Gait
6. Materials and Technology
7. Footwear: Foundation for Lower Extremity Orthoses

SECTION II Orthoses in Rehabilitation

8. Foot Orthoses
9. Principles of Lower Extremity Orthoses

10. Neurological and Neuromuscular Disease Implications for Orthotic Use
11. Orthoses for Knee Dysfunction
12. Orthoses in Orthopedic Care and Trauma
13. Orthoses for Spinal Dysfunction
14. Orthoses in the Management of Hand Dysfunction
15. Orthoses in Burn Care: Splinting, Orthotics, and Prosthetics in the Management of Burns
16. Prescription Wheelchairs: Seating and Mobility Systems

SECTION III Prostheses in Rehabilitation

17. Etiology and Management of Amputation
18. High-Risk Foot and Wound Healing
19. Amputation Surgeries for the Lower Limb
20. Postoperative and Preprosthetic Care
21. Understanding and Selecting Prosthetic Feet
22. Postsurgical Management of Partial Foot and Syme Amputation
23. Transtibial Prosthetics
24. Transfemoral Prostheses
25. Prosthetic Options for Persons With High-Level and Bilateral Amputations
26. Early Rehabilitation in Lower Extremity Dysvascular Amputation
27. Advanced Rehabilitation for People With Microprocessor Knee Prostheses
28. Athletic Options for Persons With Limb Loss
29. Rehabilitation for Children With Limb Deficiencies
30. Prosthetic Options for Persons With Upper Extremity Amputation
31. Rehabilitation for Persons With Upper Limb Amputation