

### *New to this Edition:*

- **NEW!** *The Skin and Wound Healing* chapter looks at the numerous tools available to assist in objectively monitoring and treating a patient with an acute or chronic wound.
  - **NEW!** *Rotator Cuff Pathology* chapter highlights the anatomy, function and etiology of the rotary cuff, and addresses rotary cuff injuries, physical examination and non-operative and operative treatment.
  - **UPDATED!** Substantially revised chapter on the Thoracic Ring Approach™ facilitates clinical reasoning for the treatment of the thoracic spine and ribs through the assessment and treatment of thoracic spine disorders and how they relate to the whole kinetic chain.
  - **UPDATED!** Revised *Lumbar Spine - Treatment of Motor Control Disorders* chapter explores some of the research evidence and clinical reasoning pertaining to instability of the lumbar spine so you can better organize your knowledge for immediate use in the clinical setting.
  - **UPDATED!** Significantly revised chapter on the treatment of pelvic pain and dysfunction presents an overview of specific pathologies pertaining to the various systems of the pelvis - and highlights how "*The Integrated Systems Model for Disability and Pain*" facilitates evidence-based management of the often complex patient with pelvic pain and dysfunction.
  - **NEW!** *Musculoskeletal Bone and Soft Tissue Tumors* chapter covers common bones tumors, anatomic considerations and rehabilitation, pediatric patients and amputation related to cancer.
  - **UPDATED!** Thoroughly revised chapters with additional references ensure you get the most recent evidence and information available.
  - **NEW!** Full color design and illustration program reflects what you see in the physical world to help you recognize and understand concepts more quickly.
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### *Key Features:*

- Dedicated and focused information on the specific pathologies most often seen in the clinic, as well as the best methods for intervention for the different areas of the body, minimizes duplication of information by referring you to other titles in the *Musculoskeletal Rehabilitation Series* for basic scientific information regarding inflammation, healing, tissue deformation and the development of muscular strength and endurance.
- Trusted experts in musculoskeletal rehabilitation, along with internationally recognized contributors, present the best evidence behind contemporary interventions directed toward the treatment of the impairments and functional limitations associated with acute, chronic and congenital musculoskeletal conditions occurring across the lifespan.

- Evidence-based content, with over 4,000 references, supports the scientific principles for rehabilitation interventions, providing the best evidence for the management of musculoskeletal pathology and injury.
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### *Περιεχόμενα:*

1. Patient Education, Motivation, Compliance and Adherence to Physical Activity, Exercise and Rehabilitation
2. NEW! The Skin and Wound Healing
3. Cervical Spine
4. Temporomandibular Disorders
5. Shoulder Trauma and Hypomobility
6. Shoulder Instability and Impingement Syndrome
7. NEW! Rotator Cuff Pathology
8. Shoulder Arthroplasty
9. Elbow
10. Wrist, Hand and Digit Injuries
11. The Thoracic Ring Approach™ - A Whole Person Framework to Assess and Treat the Thoracic Spine and Ribcage
12. Low Back Pain: Disability and Diagnostic Issues
13. Lumbar Spine - Treatment of Hypomobility and Disc Conditions
14. Lumbar Spine - Treatment of Motor Control Disorders
15. Spinal Pathology - Nonsurgical Intervention
16. Spinal Pathology, Conditions and Deformities - Surgical Intervention
17. Highlights from an Integrated Approach to the Treatment of Pelvic Pain and Dysfunction
18. Hip Pathologies - Diagnosis and Intervention
19. Physical Rehabilitation after Total Hip Arthroplasty
20. Knee - Ligamentous and Patellar Tendon Injuries
21. Injuries to the Meniscus and Articular Cartilage
22. Patellofemoral Joint
23. Physical Rehabilitation after Total Knee Arthroplasty
24. Leg, Ankle and Foot Injuries
25. Peripheral Nerve Injuries
26. Repetitive Stress Pathology - Bone
27. Repetitive Stress Pathology - Soft Tissue
28. Musculoskeletal Developmental Disorders
29. Pediatric and Adolescent Populations
30. Management of Osteoarthritis and Rheumatoid Arthritis
31. Systemic Bone Diseases - Medical and Rehabilitation Intervention
  
32. Muscle Disease and Dysfunction
33. Fibromyalgia and Related Disorders
34. NEW! Musculoskeletal Bone and Soft Tissue Tumors