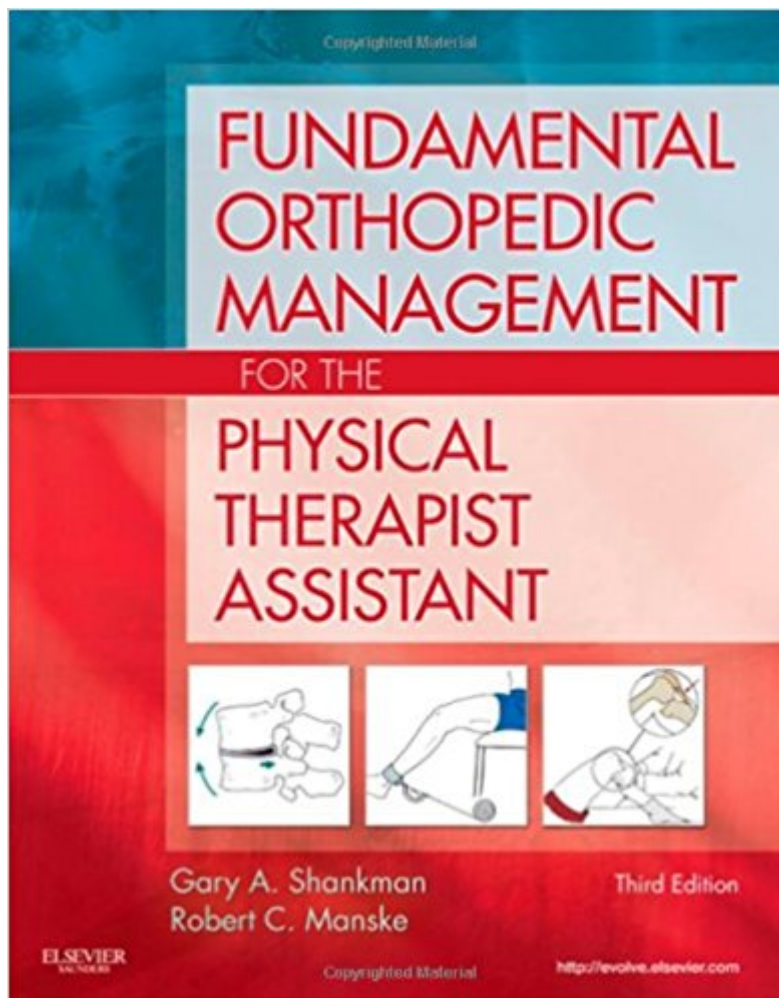




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# Fundamental Orthopedic Management For The Physical Therapist Assistant, 3e



## Synopsis

Designed to meet the unique needs of physical therapist assistants, *Fundamental Orthopedic Management for the Physical Therapist Assistant, 3rd Edition* focuses on critical thinking and helps you apply fundamental orthopedic principles in physical therapy interventions. Clear explanations cover basic concepts such as the PTA's role in physical assessment of flexibility, strength, endurance, and balance, along with the specifics of tissue healing; medications; gait and joint mobilization; and an introduction to biomechanics. It also describes the application of therapeutic interventions for many orthopedic conditions by region and affliction. Edited by two experienced clinicians, Gary A. Shankman and Robert C. Manske, and written by contributors who are experts in their respective fields, this is your one-stop source for PTA practice in orthopedics. Clear explanations of difficult concepts are provided by experienced, practicing clinicians who address the specific needs of the PTA. Comprehensive coverage provides a "one-stop" source for all things orthopedic, from core concepts related to orthopedics to information about the PTA's role in physical assessment and interventions, in-depth reviews of types of tissue healing, biomechanics, and pharmacology. A focus on critical thinking and application helps to prepare you for the treatment room and for the clinical practicum portions of the curriculum. Key terms and learning objectives begin each chapter, useful as "checkpoints" to which you can refer to ensure content comprehension and study effectively for examinations. Over 500 illustrations reinforce concepts and procedures, supplemented by summary tables and boxes. End-of-chapter review questions prepare you for the types of critical thinking you will be required to do in practice. Unique! End-of-chapter glossaries define key terms. Appendices provide a quick reference for information such as laboratory values, common medications, and associated movements. A six-part structure organizes the book's material: Part I: Basic Concepts of Orthopedic Management begins with the essential concepts of teamwork and shared responsibility within the physical therapy team and then covers the basic areas of flexibility, strength, endurance, balance, and coordination. Part II: Review of Tissue Healing introduces the types of tissue, then discusses ligament, bone, cartilage, muscle and tendon healing before looking briefly at neurovascular healing and thromboembolic disease. Part III: Common Medications in Orthopedics focuses on common medications used in orthopedics, their actions, side effects, and possible impact on treatment. Part IV: Mobilization and Biomechanics deals with the basics of human movement including a chapter on gait, and provides information on joint mobilization. Part V: Management of Orthopedic Conditions by Region covers the body from the ankle, foot, and toes up to the shoulder, the elbow, and the wrist and hand, including a chapter on the spine. NEW! Part VI: Management of Orthopedic Conditions by Affliction includes chapters on

hot topics such as rheumatic disease; pain and pain-related syndromes; and bracing, orthotics, and prosthetics. Student resources on a companion Evolve website include critical thinking applications, review questions, animations, reference lists from the book linked to MedLine, and more. More than 30 new contributors participated in this new edition, allowing you to learn from experts in each field. Unique! Rheumatic Disorders chapter covers disorders such as arthritis, gout, fibromyalgia, and systemic lupus erythematosus, including pathophysiology, a description of the inflammation, and pharmacological and non-pharmacological interventions. Unique! Pain and Pain Syndromes chapter covers types of pain, pain mechanisms, its measurement, and its management. Unique! Bracing, Orthotics, and Prosthetics chapter outlines the types of materials used to construct braces, orthotics, and prosthetics; the use of each unit by anatomic area; their biomechanics; the indications and contraindications for each; as well as an introduction to amputation.

## **Book Information**

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## **Customer Reviews**

Gary A Shankman, LPTA, Sports Health Education, Woodstock, GA --This text refers to an out of print or unavailable edition of this title.

The information is not only excessive but also given in random order with no logic, which makes me think that the author sometimes does not understand what he is writing about. Probably, he just enjoys the book's pseudoscientific language. The book has many "pearls of wisdom", e.g. "arthrology (joints) consists of glenohumeral, AC, sternoclavicular, and scapulothoracic articulation."

(p.349). Arthrology is a science, for god's sake! It can not consist of articulation, it's "a science concerned with the study of joints" (Webster). Part -logy in terms refers to a science or theory. Some diagrams are misleading: the largest rectangle symbolizes the least amount of ATP used (p.68) etc. Each chapter has a glossary, but don't expect to find good definitions there. For instance, "LORDOSIS: The maintenance of a normal anatomic lordotic curve while lifting any object." I would ban this "textbook" as a misleading one. It might have some useful practical stuff, but it cannot be called a textbook at all.

I think they forgot to have someone proofread this. The lack of proper grammar makes it a hard read. Some of the chapters go too in depth without giving any beginning knowledge so you will be lost throughout the whole chapter. The questions in the back of the chapter need to be updated. They ask questions that aren't even addressed in the book. The questions on the evolve website give wrong answers. I hate this book. If your professor uses this textbook I am so sorry.

Love having the eBook version, helps to be able to flip through and print what I need. It is in a readable format for an ebook

I agree with some other comments here, but have to add one thing. I constantly have to use other reference books to look up important details that are missing in this book. One example is the Thomas test which is a commonly used test - not even mentioned in this book. I had to buy another book from Kendall which is helpful.

I think this book is excessive in the amount of information presented. It goes from straight, forward information to difficult to understand technical biochemical information that is not needed for PTA's. It is wordy, using quotes that are unnecessary, if not out of place, for learning the information. If it stuck to the basics and explained it well it would make for a less laborious reading. I am a first year PTA student and I have to read this book. I tend to go to my A & P book that presents the information in an easier to understand format.

This text is easy to understand but brief. There is some test and measures that aren't touched on much or at all. This is a required text for my musculoskeletal rehab class, but we also get supplemental material for each section.

Paid much less for an equal in quality. Would recommend to purchase the item, and purchase from this seller.

Actually bought it for a friend for his class.

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