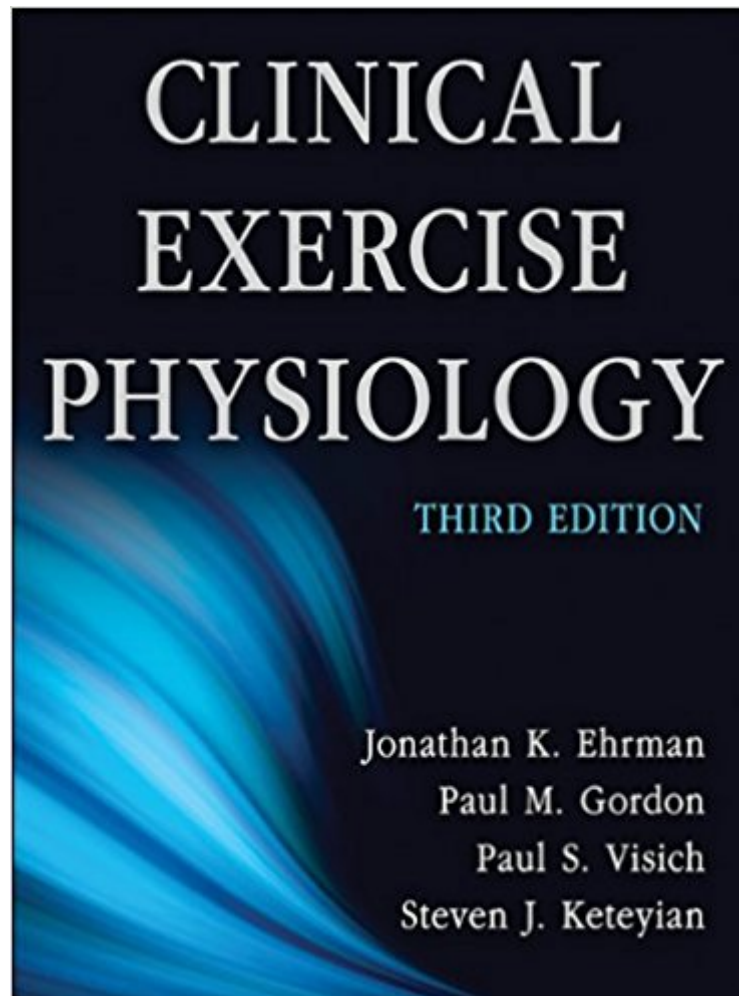




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# Clinical Exercise Physiology-3rd Edition



## Synopsis

Clinical Exercise Physiology, Third Edition, provides a comprehensive look at the clinical aspects of exercise physiology by thoroughly examining the relationship between exercise and chronic disease. Updated and markedly revised throughout, this third edition reflects important changes that have occurred in the field. It provides professionals and students with fundamental knowledge of disease-specific pathology and treatment guidelines while also guiding readers through exercise testing and training principles for patients with chronic diseases. The third edition of Clinical Exercise Physiology builds on information presented in the previous editions with reorganized chapters, updated and revised content, and the latest information on the key practice areas of clinical exercise physiology: endocrinology, the metabolic system, the cardiovascular system, the respiratory system, oncology, the immune system, bone and joint health, and the neuromuscular system. The detailed chapters address 27 diseases and populations that clinical exercise physiologists encounter in their work and provide guidance for the expert care of the populations discussed. Each chapter covers the scope of the condition; its physiology, pathophysiology and treatment options; clinical considerations, including the administration of a graded exercise test; and exercise prescription. Clinical Exercise Physiology, Third Edition, also details how clinical exercise physiologists can most effectively address issues facing special populations, including children and the elderly. Updates to this edition include the following:

- Patient case studies allow students to gain additional insight regarding the material and put their knowledge into practice.
- Revised and updated content throughout the entire book reflects the recent changes in exercise testing and training principles and practices.
- A new chapter on intellectual disability lends evidence to how the field has evolved in considering patients with more widely diagnosed diseases and conditions.
- Practical application boxes offer tips on maintaining a professional environment for client-clinician interaction, a literature review, and a summary of the key components of prescribing exercise.
- Discussion questions highlight important concepts that appear throughout the text to encourage critical thinking.
- Updated ancillaries, including a test package and presentation package plus image bank, allow instructors to more effectively convey the concepts presented in the text and prepare students for careers in the field.

Clinical Exercise Physiology, Third Edition, is the most up-to-date resource for professionals looking to enhance their knowledge on emerging topics and applications in the field. This comprehensive resource is an asset to new and veteran clinical exercise physiologists as well as those preparing for the American College of Sports Medicine Registered Clinical Exercise Physiologist (ACSM RCEP) certification. A must-have study tool for examination candidates, the text provides in-depth coverage of all the clinical

populations that benefit from physical activity and exercise.

## Book Information

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â œâ ¶this book supports all of its information with the latest findings from the peer-reviewed literature in addition to the expertise of the authorsâ ¶[it] remains near the top of the list of books in this field.â • --Doodyâ ¶s Book Review (5-star review) â œThe comprehensive range of topics that are discussed and a focus upon evidence-based guidelines for exercise prescription will continue to make this book a valuable resource for those who are studying as clinical exercise physiologists, and for those who are seeking an appropriate accreditation from the Canadian Society of Exercise Physiology or the American College of Sports Medicine.â • --Applied Physiology, Nutrition, and Metabolism â œThe third updated edition of Clinical Exercise Physiology provides college-level health and sports holdings alike with an in-depth examination of the clinical aspects of exercise physiology as it applies to chronic disease, and has been revised throughout to reflect the many changes that have affected the field. Charts, black and white illustrations, discussions of therapy side effects and literature review, and practical applications based on the latest research lend to an in-depth reference perfect for any health or sports collection appealing to professionals and students alike.â • --Midwest Book Review

Jonathan K. Ehrman, PhD, FACSM, is the associate program director of preventive cardiology and director of the weight management program at Henry Ford Hospital in Detroit. He has a 27-year

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Steven J. Keteyian, PhD, FACSM, has more than 30 years of experience working as a clinical exercise physiologist. He is program director of preventive cardiology at the Henry Ford Hospital in Detroit. Over the course of his career, Dr. Keteyian has focused on exercise and physical activity in both healthy individuals and those with chronic diseases. He is the author of more than 100 scientific articles and chapters in books as well as four textbooks. Dr. Keteyian is a member of the American Association of Cardiovascular and Pulmonary Rehabilitation and the American Heart

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Great book, with a lot of information necessary for those looking to become a P.T. assistant.

You MUST PURCHASE this book! It's incredibly detailed and extremely helpful!!

Good quality

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I've taken several classes on this subject and this book has been a great resource for me. The specific diseases it mentions are very relevant with what I might come across. Great book.

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great book, i like its flow

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