[E-BOOK] Clinical Exercise Physiology-3rd Edition

Clinical Exercise Physiology-3rd Edition

Jonathan Ehrman, Paul Gordon, Paul Visich, Steven Keteyian
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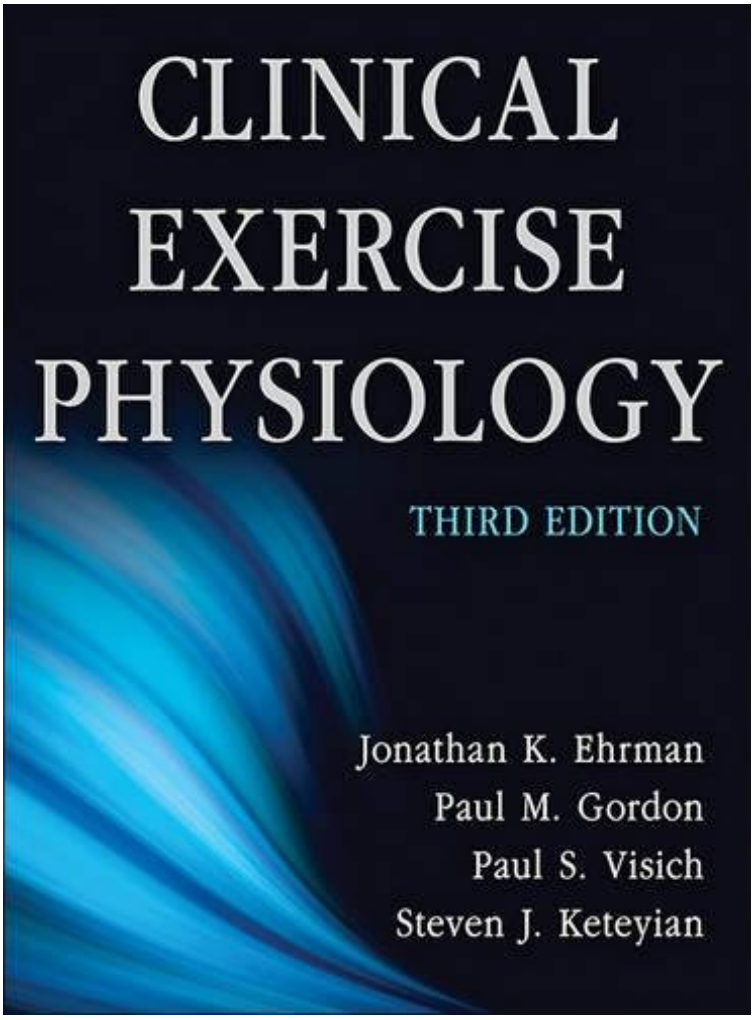

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Jonathan Ehrman, Paul Gordon, Paul Visich, Steven Keteyian : Clinical Exercise Physiology-3rd Edition before purchasing it in order to gage whether or not it would be worth my time, and all praised Clinical Exercise Physiology-3rd Edition:

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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 clientclinician 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.

this book supports all of its information with the latest findings from the peer-reviewed literature in addition to the expertise of the authors.[it] remains near the top of the list of books in this field. --Doodys Book (5-star review) The 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. --Applied Physiology, Nutrition, and Metabolism The 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. --Midwest Book About the Author 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 background in clinical exercise physiology and is certified as an ACSM clinical exercise specialist and program director. He previously served as the chair of the exercise specialist credentialing committee for ACSM. Dr. Ehrman is author of more than 100 manuscripts and abstracts as well as four books and chapters. He was senior editor of the sixth edition of ACSM's Resource Manual for Guidelines for Exercise Testing and Prescription. He is also the umbrella editor for the ACSM certification texts published in 2013. He is a fellow of the American College of Sports Medicine as well as a member of the American Association of Cardiovascular and Pulmonary Rehabilitation and the American Heart Association. Dr. Ehrman earned his PhD in clinical exercise physiology from The Ohio State University. Paul M. Gordon, PhD, MPH, FACSM, is an ACSM clinical exercise specialist and director of the Laboratory for Physical Activity and Exercise Intervention Research in the School of Medicine at the University of Michigan at Ann Arbor. He has 15 years of teaching experience in clinical exercise physiology curricula and has directed several cardiopulmonary rehabilitation programs. Dr. Gordon has served as an examiner and coordinator for the ACSM exercise specialist certification and is a contributing author for the ACSMs Guidelines for Exercise Testing and Prescription. Dr. Gordon is a fellow of the American College of Sports Medicine, a fellow of the Centers for Disease Control Physical Activity Research Program, and a member of the National Institutes of Health Study Section. He earned his PhD in exercise physiology and an MPH in epidemiology from the University of Pittsburgh. Paul S. Visich, PhD, MPH, has more than 14 years of experience in clinical exercise physiology and is the director of the Human Performance Laboratory in the College of

Health Professions at Central Michigan University. He worked 12 years in a clinical setting that included cardiac and pulmonary rehabilitation and primary disease prevention. His research interests involve the assessment of cardiovascular disease risk factors in children, the influence of resistance training in elderly populations, and altitude physiology. Dr. Visich is a member of the Registered Clinical Exercise Physiology Committee and previous chair for the Professional Education Committee for the American College of Sports Medicine. He is the author of more than 70 published scientific articles and abstracts. He earned a PhD in exercise physiology and an MPH in epidemiology from the University of Pittsburgh. 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 Association. He is a fellow of the American College of Sports Medicine. He earned his PhD from Wayne State University in Detroit.