Clinical Exercise Physiology, Second Edition

Jonathan K. Ehrman, Paul M. Gordon, Paul S. Visich, Steven J. Keteyian
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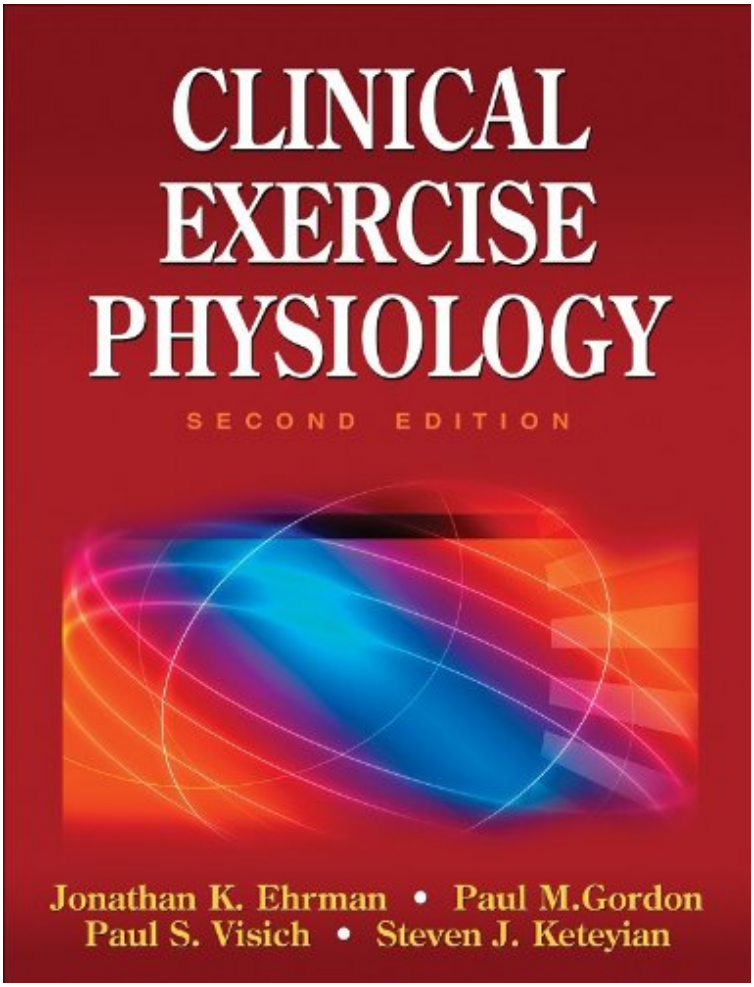

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Jonathan K. Ehrman, Paul M. Gordon, Paul S. Visich, Steven J. Keteyian : Clinical Exercise Physiology, Second Edition before purchasing it in order to gage whether or not it would be worth my time, and all praised Clinical Exercise Physiology, Second Edition:

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'message' the seller, only 'write a review'.0 of 0 people found the following review helpful. Great book on Ex PhysBy Jessica TylerExactly what is pictured. Great book on Ex Phys.

Clinical Exercise Physiology, Second Edition, provides a comprehensive look at the clinical aspects of exercise physiology by thoroughly examining the relationship between exercise and chronic disease. Updated and revised, this second edition reflects important changes that have occurred in the field since the first edition was published. It will provide professionals and students with fundamental knowledge of disease-specific pathology and treatment guidelines while also guiding readers through the clinical exercise physiology associated with exercise testing and training of patients with a chronic disease. The second edition of Clinical Exercise Physiology builds on information presented in the previous edition 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. This second edition also features an online ancillary package, allowing instructors to more effectively convey the concepts presented in the text and prepare students for careers in the field.Clinical Exercise Physiology, Second Edition, is easy to navigatethe logical order of the chapters makes key information easy to find. The detailed chapters discuss 23 disease states and conditions 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 and pathophysiology and treatment options; clinical considerations, including the administration of a graded exercise test; and exercise prescription. The text also details how clinical exercise physiologists can most effectively address issues facing special populations, including children, the elderly, and female athletes.This comprehensive resource is an asset to new and veteran clinical exercise physiologists as well as those preparing for the ACSM Registry Examination. A must-have study tool for examination candidates, this text is on the suggested readings lists for both the Exercise Specialist and Registered Exercise Physiology exams. The text specifically addresses the knowledge, skills, and abilities (KSAs) listed by the ACSM for each of these certifications. Clinical Exercise Physiology, Second Edition, is the definitive resource on the use of exercise training for the prevention and treatment of clinical diseases and disorders. It includes the following features:-Revised and updated content reflects the recent changes in exercise testing and training principles and practices. -Four new chapters on depression and exercise, metabolic syndrome, cerebral palsy, and stroke are evidence of how the field has evolved in considering patients with more widely diagnosed diseases and conditions.-A new text-specific Web site containing a test package and PowerPoint presentation package helps instructors present the material from the book.-Case studies provide real-world examples of how to use the information in practice.-Discussion questions that highlight important concepts appear throughout the text to encourage critical thinking.-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.Clinical Exercise Physiology, Second Edition, is the most up-to-date resource for professionals looking to enhance their knowledge on emerging topics and applications in the field. It is also a valuable text for students studying for the ACSM Registry Examination.

This is an essential book for clinical exercise physiology students and is an important reference for professionals. In an improvement over the first edition, this edition enhances the delivery of the content and provides resources for educators such as a test bank and presentation package. --Doodys Book About the Author Jonathan Ehrman, PhD, FACSM, is associate program director of preventive cardiology and exercise physiology and the director of the weight management program at Henry Ford Hospital in Detroit. He has a 22-year background in clinical exercise physiology and is certified as an ACSM exercise specialist and program director. He served for three years as the chair of the exercise specialist credentialing committee for ACSM and is currently member at large of the credentialing board. Dr. Ehrman has written over 100 manuscripts and abstracts and is senior editor of the next edition of ACSM's Resource Manual. He is a fellow of the American College of Sports Medicine and a member of the American Association of Cardiovascular and Pulmonary Rehabilitation, American Heart Association, and American Physiology Society. Dr. Ehrman earned his PhD in clinical exercise physiology from Ohio State University. Paul Gordon, PhD, MPH, FACSM, is an ACSM-certified exercise specialist and director of the Laboratory for Physical Activity, Health, and Human Performance in the School of Medicine at the University of Michigan in 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 ACSM's Guidelines for Exercise Testing and Prescription.Dr. Gordon is an American College of Sports Medicine fellow and a National Institutes for Health Study Section member. He earned his PhD in exercise physiology and an MPH in epidemiology from the University of Pittsburgh.Paul Visich, PhD, MPH, has more than 10 years of experience in clinical exercise physiology and is the director of the Human Performance Laboratory and School of Health Sciences at Central Michigan University. He worked 8 years in a clinical setting that included cardiac and pulmonary rehabilitation and primary disease prevention. His research interests involve lipid metabolism,

cardiovascular disease risks in children, and the influence of resistance training on specific skeletal muscle genes. Dr. Visich is chair of the Professional Education Committee of the American College of Sports Medicine. He earned a PhD in exercise physiology and an MPH in epidemiology from the University of Pittsburgh. Steven 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, physical activity, and health in both healthy individuals and those with chronic diseases. He is the author of more than 55 scientific articles and chapters in books and 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.