

Principles Of Athletic Training A Competency Based Approach

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Principles of Athletic Strength & Conditioning brings together 17 top strength and conditioning professionals to create a comprehensive and practical guide to athletic development. It includes detailed chapters on the most important aspects of training athletes including program design, warm-up and flexibility, in-season training, speed training, neck strengthening, injury prevention, plyometrics, explosive power development, program administration, anatomy and physiology, conditioning, motivation, and making an impact on a young athlete. Principles of Athletic Strength & Conditioning includes sample programs, and many illustrations and photographs to bring the training concepts to life. Athletic trainers have a responsibility to provide high-quality pharmaceutical care while meeting both legal and ethical requirements. Clinical Pharmacology in Athletic Training empowers athletic trainers with a functional understanding of pharmacology that enables them to formulate a treatment plan intended to mitigate disease and improve the overall health of their patients. This text incorporates the most up-to-date content from the 2020 Commission on Accreditation of Athletic Training Education (CAATE) standards, and it emphasizes interprofessional practice to enable future and current athletic trainers to collaborate with other health professionals in a manner that optimizes the quality of care. Clinical Pharmacology in Athletic Training begins by addressing drug legislation and the legal aspects of the athletic trainer's role in sport medication. The text provides an overview of pharmacokinetics and pharmacodynamics with an emphasis on concepts relevant to clinical practice. Students are introduced to the generic and brand names, general classifications, and appropriate administration of drugs and are guided toward appropriate online reference materials. Part II of this text describes common medications for pain, inflammation, and infections. Part III includes medications for specific conditions, including respiratory, cardiovascular, gastrointestinal, neurological, gynecological, and mental health conditions. The text also includes current information on opioid analgesics, cannabis, and cannabinoid-based medications. Clinical Pharmacology in Athletic Training teaches students to administer appropriate pharmacological agents for the management of the patient's condition. The information includes indications, contraindications, dosing, interactions, and adverse reactions. The following features are included to aid in the learning process: Chapter objectives set the stage for the main topics covered in the chapter. Key terms are boldfaced to indicate terms of special importance, and a glossary of definitions is included at the back of the book. Red Flag sidebars highlight warnings and precautions for certain medications or medicolegal issues. Evidence in Pharmacology sidebars highlight recent research regarding medications. Clinical Application sidebars present real-life stories from the field of athletic training. Case studies highlight specific therapeutic medication applications and are accompanied by questions that prompt readers to think critically about the issues presented. Quick reference drug tables describe medication types, generic and brand names, pronunciations, common indications, and other special considerations for the athletic trainer. Over the past decade, there has been an increased emphasis on pharmacology in athletic training. Clinical Pharmacology in Athletic Training will equip students with appropriate skills and competencies, prepare them to meet patient needs, and enable them to work in interprofessional teams.

Evidence-Based Practice in Athletic Training provides essential information on the fundamentals of evidence-based practice (EBP) for students who are working toward certification in athletic training and for athletic trainers who wish to stay up to date on best practices in the field.

This graduate-level textbook instills evidence-based knowledge of contemporary practices in athletic training and health care. Integrating essential competencies outlined by the NATA, BOC, and CAATE, future athletic trainers will build a foundation for clinical expertise to improve patient outcomes.

This is a comprehensive introduction to current philosophies, procedures, and practices related to the care and prevention of athletic injuries. It is written and edited by Board of Certification (BOC) certified athletic trainers as a comprehensive introduction to current philosophies, procedures, and practices related to the care and prevention of athletic injuries. This new edition provides comprehensive beginner and intermediate-level instruction on the principles of sports medicine and athletic training. The athletic training student will learn the basics of athletic training and have a working knowledge of common preventive, evaluation, treatment, and rehabilitation techniques in sports medicine. Prepare athletic trainers to provide emergency treatment for acute sports-related injuries and illnesses in children, adolescents, and adults—on and off the field. Noted practitioners and educators address all aspects of the evaluation and management of the full-range of medical problems that may be encountered. From emergency evaluation and airway management through the major categories of injury, this timely text meets a critical need in the classroom and in practice. Principles of Athletic Training: A Competency-Based Approach is designed to be used by athletic trainers in courses concerned with the scientific, evidence-based and clinical foundations of athletic training and sports medicine. The text leads the student from general foundations to specific concepts relative to injury prevention, evaluation, management, and rehabilitation. As the student progresses from beginning to end, he or she will understand the complexities of the profession of athletic training. An over-arching goal of the text is to make certain that each and every one of the educational competencies identified by the Education Council is specifically covered. After using this text the student should be able to apply the appropriate techniques and concepts in the day-to-day performance of his or her job as an athletic trainer.

Principles of Athletic Training: A Guide to Evidence-Based Clinical Practice is designed to be used by athletic trainers in

courses concerned with the scientific, evidence-based and clinical foundations of athletic training and sports medicine. The text is developed with the goal of helping prepare students to become competent health care professionals who will continue to enhance the ongoing advancement of the athletic training profession. The text leads the student from general foundations to specific concepts relative to injury prevention, evaluation, management, and rehabilitation. As the student progresses from beginning to end, he or she will understand the complexities of the profession of athletic training. An over-arching goal of the text is to incorporate the best available evidence to support the recommendations being made relative to patient care. After using this text the student should be able to apply the appropriate techniques and concepts in the day-to-day performance of his or her job as an athletic trainer. Practicing athletic trainers, physical therapists, and other health care professionals involved with physically active individuals will also find this text valuable. McGraw-Hill Connect® is a subscription-based learning service accessible online through your personal computer or tablet. Choose this option if your instructor will require Connect to be used in the course. Your subscription to Connect includes the following: SmartBook® 2.0- an adaptive digital version of the course textbook that personalizes your reading experience based on how well you are learning the content. Access to your instructors homework assignments, quizzes, syllabus, notes, reminders, and other important files for the course. Progress dashboards that quickly show how you are performing on your assignments and tips for improvement.

This market-leading text emphasizes the prevention and management of athletic injuries and remains the only text to cover all aspects of the profession of athletic training. It is a valuable resource in seeking professional certification. The text provides practical, career-oriented content for students in athletic training, sports medicine, physical education, physical therapy, and coaching.

Principles of Athletic Training: A Guide to Evidence-Based Clinical Practice McGraw-Hill Education

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Arnheim's Principles of Athletic Training: A Competency-Based Approach is the leading text in the athletic training field. The text is designed to lead the student from general foundations to specific concepts relative to injury prevention, evaluation, management, and rehabilitation. Now in its 14th edition, Arnheim's Principles of Athletic Training continues to innovate, with several new features available with the new edition: Connect Athletic Training: the first online learning management system for the athletic training course, featuring assignable labs, videos, Internet exercises, an optional integrated ebook, and more Full color photographs and illustrations throughout the entire text Expanded coverage of athletic trainers working in a variety of employment settings

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Designed for the athletic trainer and sports therapist, Rehabilitation Techniques in Sports Medicine is the definitive guide to the management of sports injuries. Experts from the field of sports medicine have contributed to this comprehensive, updated edition, which addresses all aspects of rehabilitation, including protocols for rehabilitating the wide variety of injuries athletes are prone to receive. Pros and cons of various rehabilitative modalities are discussed, as well as currently accepted techniques. This text is recognized as a handbook for any practitioners who manage rehabilitation programs for injured athletes.

This work explains concepts in athletic training and presents injuries and illnesses encountered by certified athletic trainers. The book discusses various conditions, illnesses and diseases along with information on nutrition and the effects of therapeutic, recreational and performance-enhancing drug use.

"Since the first edition of Principles of Athletic Training was published in 1963, the profession of athletic training has experienced amazing growth, not only in numbers but also in the associated body of knowledge. During all those years and in fifteen previous editions, the authors of this text, Daniel Arnheim, John Klafs, and now Bill Prentice, have taken it as a personal responsibility to provide the reader with the most current clinical information in athletic training and sports medicine. It has always been based on the most current research evidence and, consequently, it has endured as one of the preeminent textbooks for athletic training students and professionals for more than 50 years"-- Provided by publisher.

"This text integrates basic medical concepts and related scientific information to provide a strong foundation of general athletic training practices. Using a problem-solving approach to prevention, recognition, assessment, management, and disposition of sports-related injuries and diseases, this text provides athletic trainers and athletic training students with the most extensive, challenging content in a user-friendly format. New Content - This edition features a new chapter on Psychological Intervention Strategies"-- Provided by publisher.

Showing how to maximize performance in horses, The Athletic Horse: Principles and Practice of Equine Sports Medicine,

2nd Edition describes sports training regimens and how to reduce musculoskeletal injuries. Practical coverage addresses the anatomical and physiological basis of equine exercise and performance, centering on evaluation, imaging, pharmacology, and training recommendations for sports such as racing and show jumping. Now in full color, this edition includes new rehabilitation techniques, the latest imaging techniques, and the best methods for equine transportation. Written by expert educators Dr. David Hodgson, Dr. Catherine McGowan, and Dr. Kenneth McKeever, with a panel of highly qualified contributing authors. Expert international contributors provide cutting-edge equine information from the top countries in performance-horse research: the U.S., Australia, U.K., South Africa, and Canada. The latest nutritional guidelines maximize the performance of the equine athlete. Extensive reference lists at the end of each chapter provide up-to-date resources for further research and study. NEW full-color photographs depict external clinical signs, allowing more accurate clinical recognition. NEW and improved imaging techniques maximize your ability to assess equine performance. UPDATED drug information is presented as it applies to treatment and to new regulations for drug use in the equine athlete. NEW advances in methods of transporting equine athletes ensure that the amount of stress on the athlete is kept to a minimum. NEW rehabilitation techniques help to prepare the equine athlete for a return to the job. Two NEW authors, Dr. Catherine McGowan and Dr. Kenneth McKeever, are highly recognized experts in the field.

Book Review

An introduction and vital knowledge base for Athletic Trainers. An introduction to successful medical business practices related to the Athletic Training profession.

Management Strategies in Athletic Training, Fifth Edition, prepares students and athletic trainers to address the many administrative and managerial challenges they will face in an increasingly complex and changing health care environment.

Meant for students in athletic training, sports medicine, physical education, exercise science, physical therapy, and coaching. This text is useful as a introductory undergraduate text in athletic training. It emphasizes the prevention and management of athletic injuries, and provides information on the profession of athletic training.

This ISBN is for the standalone book only! Arnheim's Principles of Athletic Training: A Competency-Based Approach is the leading text in the athletic training field. The text is designed to lead the student from general foundations to specific concepts relative to injury prevention, evaluation, management, and rehabilitation. Now in its 14th edition, Arnheim's Principles of Athletic Training continues to innovate, with several new features available with the new edition: Connect Athletic Training: the first online learning management system for the athletic training course, featuring assignable labs, videos, Internet exercises, an optional integrated ebook, and more Full color photographs and illustrations throughout the entire text Expanded coverage of athletic trainers working in a variety of employment settings

Acute and Emergency Care in Athletic Training is an invaluable text for students in athletic training programs. It provides them with the necessary information to examine, treat, and manage common acute injuries and illnesses.

This text is a contributed work by well-known trainers and educators, written under the direction of Dr. Prentice. The 6/e continues to be the only text developed specifically for athletic trainers. This text is also appropriate for those physical therapists that are involved in a sports medicine curriculum.

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Principles of Pharmacology for Athletic Trainers, Second Edition has expanded the comprehensive and unique aspect of pharmacology presented in the best-selling first edition by introducing new information on: • Drug and treatment strategies. • Aspects of Type 1 and Type 2 diabetes, including treatment strategies, the disease process, diagnosis & monitoring of diabetes, and issues that are important for the athletic trainer. • The foundational concepts and pharmacological treatment of schizophrenia, depression, bipolar disorder, various anxiety disorders, and attention deficit-hyperactivity disorder. • Discussion of herbal supplements, federal regulations, and safety & quality issues related to herbal supplements. Dr. Joel Houglum and Dr. Gary Harrelson have updated Principles of Pharmacology for Athletic Trainers, Second Edition to be more user-friendly by incorporating revised information on pharmacokinetic and pharmacodynamic principles, making it even easier for students to understand, while still providing the depth of information desired by faculty. Features of the Second Edition: • Educational prompts are provided in each chapter in the form of an advanced chapter organizer. • Shadow boxes throughout to remind students of previously discussed topics. •

Summaries at the end of each section to reinforce learning. • A section in each chapter on the role of the athletic trainer regarding the disease process and drug therapy. • New ancillary materials specifically for faculty that include PowerPoint slides and test bank questions. Principles of Pharmacology for Athletic Trainers, Second Edition will be the go-to resource to determine the best pharmacological treatment strategy and management by athletic trainers.

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