

wichita state physical therapy

wichita state physical therapy represents a critical component of healthcare education and service in the Wichita, Kansas region. This field not only focuses on rehabilitating patients with physical impairments but also advances research and training to improve patient outcomes. Wichita State University offers a reputable physical therapy program that combines rigorous academic coursework with hands-on clinical experience, preparing graduates to become skilled practitioners. The program emphasizes evidence-based practice, patient-centered care, and interdisciplinary collaboration. This article explores the various facets of Wichita State physical therapy, including educational offerings, clinical training, research initiatives, and career opportunities. Readers will gain a comprehensive understanding of how Wichita State contributes to the field of physical therapy locally and nationally.

- Wichita State Physical Therapy Education
- Clinical Training and Facilities
- Research and Innovation in Physical Therapy
- Career Paths and Professional Development
- Community Engagement and Patient Services

Wichita State Physical Therapy Education

The educational foundation of Wichita State physical therapy is built upon a Doctor of Physical Therapy (DPT) program designed to provide students with comprehensive knowledge and clinical skills. The curriculum integrates anatomy, physiology, biomechanics, and therapeutic techniques with practical applications. Students engage in classroom learning, laboratory work, and simulation exercises to develop a deep understanding of human movement and rehabilitation.

Doctor of Physical Therapy Program

The DPT program at Wichita State is a full-time, three-year course that prepares students for licensure and advanced practice. The program aligns with the standards set by the Commission on Accreditation in Physical Therapy Education (CAPTE), ensuring high-quality education. Coursework covers areas such as neuromuscular and musculoskeletal rehabilitation, pediatrics, geriatrics, and cardiopulmonary physical therapy.

Admission Requirements

Prospective students must meet rigorous admission criteria to enter the Wichita State physical therapy program. Requirements typically include a bachelor's degree with prerequisite science

courses, competitive GRE scores, letters of recommendation, and relevant healthcare experience. The selection process emphasizes academic excellence and commitment to the physical therapy profession.

Continuing Education and Certifications

Wichita State also offers opportunities for licensed physical therapists to pursue continuing education and specialty certifications. These programs help practitioners stay current with evolving treatment methodologies and enhance their professional skills in areas such as orthopedics, sports physical therapy, and neurological rehabilitation.

Clinical Training and Facilities

Hands-on clinical training is a cornerstone of Wichita State physical therapy education, providing students with real-world experience in diverse healthcare settings. The university collaborates with a network of clinics, hospitals, and rehabilitation centers to offer extensive clinical placements.

On-Campus Clinics

Wichita State operates on-campus physical therapy clinics that serve the community while offering students supervised practical experience. These clinics provide assessment, treatment, and rehabilitation services for a variety of conditions, enabling students to apply theoretical knowledge to patient care.

Off-Campus Clinical Rotations

Students participate in multiple clinical rotations throughout their program, gaining exposure to different specialties and patient populations. These rotations occur in hospitals, outpatient centers, skilled nursing facilities, and home health settings, fostering adaptability and comprehensive clinical competence.

State-of-the-Art Facilities

The physical therapy department at Wichita State is equipped with advanced technology and rehabilitation equipment, supporting both education and patient care. Facilities include motion analysis labs, exercise physiology centers, and therapeutic pools, which enhance the learning environment and clinical outcomes.

Research and Innovation in Physical Therapy

Wichita State is committed to advancing physical therapy through innovative research initiatives that address current challenges in rehabilitation and wellness. Faculty and students engage in studies that contribute to evidence-based practice and improved therapeutic techniques.

Research Focus Areas

Key research areas within Wichita State physical therapy include musculoskeletal disorders, neurological rehabilitation, injury prevention, and exercise science. Investigations often explore new treatment modalities, technology integration, and patient recovery strategies.

Collaborative Projects

The program fosters interdisciplinary collaboration with departments such as biomedical engineering, kinesiology, and health sciences. These partnerships enhance research quality and facilitate the development of novel interventions that benefit physical therapy patients.

Student Research Opportunities

Students are encouraged to participate in research projects, gaining valuable experience in study design, data analysis, and scholarly communication. This involvement prepares graduates for advanced clinical roles and potential academic careers.

Career Paths and Professional Development

Graduates of Wichita State physical therapy programs have access to diverse career opportunities in clinical practice, education, research, and healthcare administration. The program supports professional growth through mentorship, networking, and resources tailored to career advancement.

Clinical Practice Settings

Physical therapists from Wichita State find employment in hospitals, outpatient clinics, rehabilitation centers, schools, and sports organizations. They provide care for patients with acute injuries, chronic conditions, disabilities, and post-surgical rehabilitation needs.

Academic and Research Careers

Some graduates pursue faculty positions or research roles, contributing to the education of future therapists and the expansion of physical therapy knowledge. Wichita State's emphasis on research and teaching excellence supports these career trajectories.

Licensure and Certification Support

The program assists graduates in preparing for the National Physical Therapy Examination (NPTE) and obtaining state licensure. Continuing education and specialty certifications are also promoted to enhance clinical expertise and professional credentials.

Community Engagement and Patient Services

Wichita State physical therapy maintains strong community ties by providing accessible patient services and health promotion programs. These initiatives improve public health and offer practical training opportunities for students.

Outreach Programs

The department organizes health screenings, injury prevention workshops, and wellness education in local schools, senior centers, and community organizations. These programs raise awareness about physical health and the benefits of physical therapy.

Patient Care Services

Through its clinics and partnerships, Wichita State offers comprehensive rehabilitation services to diverse populations. Patient care focuses on individualized treatment plans that address functional limitations and enhance quality of life.

Volunteer and Internship Opportunities

Students and faculty engage in volunteer activities that support underserved populations, fostering a commitment to social responsibility and compassionate care within the physical therapy profession.

- Comprehensive DPT curriculum with evidence-based focus
- Extensive clinical training in varied healthcare environments
- Cutting-edge research contributing to rehabilitation science
- Diverse career pathways including clinical and academic roles
- Active community involvement promoting health and wellness

Frequently Asked Questions

What programs does Wichita State University offer in physical therapy?

Wichita State University offers a Doctor of Physical Therapy (DPT) program designed to prepare students for careers as licensed physical therapists.

Is Wichita State's physical therapy program accredited?

Yes, the Wichita State University Doctor of Physical Therapy program is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE).

What are the admission requirements for the Wichita State physical therapy program?

Admission requirements typically include a bachelor's degree, prerequisite coursework in sciences, a competitive GPA, observation hours in physical therapy settings, and GRE scores.

Does Wichita State provide clinical rotation opportunities for physical therapy students?

Yes, Wichita State's physical therapy program includes clinical rotations at various healthcare facilities to provide hands-on experience.

What career support services are available for Wichita State physical therapy graduates?

Wichita State offers career advising, job placement assistance, resume workshops, and networking opportunities for physical therapy students and graduates.

How does Wichita State integrate research into its physical therapy program?

Wichita State encourages physical therapy students to participate in research projects and incorporates evidence-based practice principles throughout the curriculum.

Additional Resources

1. Foundations of Physical Therapy Practice at Wichita State University

This comprehensive guide offers an in-depth overview of physical therapy principles as taught at Wichita State University. It covers essential anatomy, kinesiology, and therapeutic techniques tailored to the curriculum. Students and practitioners alike will find valuable insights into evidence-based practices and clinical applications.

2. Wichita State Physical Therapy Clinical Skills Handbook

Designed as a practical resource, this handbook details the core clinical skills necessary for physical therapy students at Wichita State. It includes step-by-step procedures, patient communication strategies, and tips for successful clinical rotations. The book aims to bridge classroom knowledge with hands-on experience.

3. Advances in Rehabilitation Science: Wichita State Perspectives

This collection of research articles and case studies highlights recent advancements in rehabilitation sciences explored by Wichita State faculty and students. Topics range from neurological rehabilitation to musculoskeletal therapy, emphasizing innovation and patient-centered care. It

serves as an excellent resource for those interested in cutting-edge physical therapy research.

4. Physical Therapy Anatomy: Wichita State Edition

Tailored specifically for Wichita State physical therapy students, this anatomy textbook integrates detailed illustrations with functional applications. It focuses on musculoskeletal and neuromuscular systems critical for rehabilitation professionals. The book supports learning through clinical correlations and review questions.

5. Evidence-Based Practice in Physical Therapy: Insights from Wichita State

This book promotes the integration of research evidence into clinical decision-making, reflecting the educational philosophy at Wichita State. It guides readers on how to appraise and apply scientific findings to improve patient outcomes. Case examples and practice scenarios enrich the learning experience.

6. Neurological Rehabilitation Techniques at Wichita State University

Focusing on neurological physical therapy, this title explores therapeutic interventions for conditions such as stroke, spinal cord injury, and Parkinson's disease. It emphasizes Wichita State's approach to neuroplasticity and functional recovery. The book offers practical guidance for assessment and treatment planning.

7. Sports Physical Therapy: Wichita State Methodologies

This book examines sports injury prevention, assessment, and rehabilitation based on the curriculum and research from Wichita State's physical therapy program. It highlights techniques for optimizing athletic performance and managing common sports-related injuries. The content is ideal for students pursuing specialization in sports therapy.

8. Patient-Centered Care in Physical Therapy: Wichita State Approaches

Emphasizing the importance of holistic and individualized care, this book discusses communication, ethics, and cultural competence within Wichita State's physical therapy framework. It encourages therapists to engage patients actively in their rehabilitation journey. Practical tips and reflective exercises support professional development.

9. Physical Therapy Research Methods: A Wichita State Guide

This text introduces research design, statistical analysis, and scientific writing tailored for physical therapy students at Wichita State. It aims to equip readers with the skills to conduct and interpret research effectively. The guide fosters critical thinking and promotes scholarly inquiry in clinical practice.

Wichita State Physical Therapy

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wichita state physical therapy: *Physical Therapy* Neeraj D Baheti, Moira K Jamati, 2016-04-10
Physical Therapy - Treatment of Common Orthopedic Conditions is a highly illustrated,

evidence-based guide to the treatment of a range of common orthopaedic disorders, edited by US based experts in the field. Divided into sixteen chapters, across three sections, the book begins with a section on upper extremity, including conditions such as thoracic outlet syndrome, rotator cuff impingement, and carpal tunnel syndrome. The second section covers the spine, including sprains and strains, and cervical radiculopathy. The final section focuses on lower extremity, covering conditions such as hamstring strain, tendinopathy, and medial tibial stress syndrome. Each chapter begins with an overview of important information for diagnosis, followed by detailed evaluation and treatment approaches, which include conservative therapy, as well as complimentary, alternative, medical and surgical interventions. The text is enhanced by 850 full colour images and illustrations. Physical Therapy - Treatment of Common Orthopedic Conditions references more than 1700 journal articles and books, ensuring authoritative content throughout this valuable resource for physiotherapists. Key Points Evidence-based guide to the treatment of a range of common orthopaedic conditions USA-based, expert editorial team References from over 1700 authoritative journal articles and books 850 full colour images and illustrations

wichita state physical therapy: Physical Rehabilitation for the Physical Therapist Assistant Linda G Monroe, 2010-10-05 Prepare for practice with the book tailored specifically for physical therapist assistants! Physical Rehabilitation for the Physical Therapist Assistant provides a clear, easy-to-read, evidence-based guide to the PTA's role in patient management, covering the core concepts related to physical rehabilitation and emphasizing the PTA's role in intervention. A treatment-oriented focus addresses each of the four categories of the American Physical Therapy Association (APTA) Preferred Practice Patterns: musculoskeletal, neuromuscular, cardiopulmonary, and integumentary. The final section of the book addresses interventions which overlap many practice patterns. Written by rehabilitation experts Michelle Cameron, MD, PT and Linda Monroe, MPT, in consultation with Susan Schmidt, a practicing PTA, and Carla Gleaton, the director of a PTA education program, this text will be a valuable resource both in the classroom and in professional practice. - Comprehensive, evidence-based coverage of rehabilitation includes sections on pathology; examination; evaluation, diagnosis, and prognosis; clinical signs, and intervention -- emphasizing the PTA's role in intervention. - Unique! A consistent, organized approach covers physical therapy intervention by disorder, with full discussions of each condition found in a single chapter. - Format follows the Guide to Physical Therapist Practice, 2nd Edition so you become familiar with the terminology used in therapy practice. - Clinical Pearls highlight key information. - Unique! Full-color illustrations clearly demonstrate pathologies and interventions. - Case studies with discussion questions guide you through specific patient interactions to build your clinical reasoning skills. - Glossaries in each chapter define key terms to build your clinical vocabulary. - Unique! Student resources on the companion Evolve website enhance your learning with vocabulary-building exercises, boards-style practice test questions, examples of commonly used forms, and references from the book linked to Medline.

wichita state physical therapy: *Fundamental Orthopedic Management for the Physical Therapist Assistant* Robert C. Manske, 2015-05-22 - NEW Differential Diagnosis and Emergent Conditions chapter shows how similar symptoms can mask potentially dangerous pathologies and conditions, and may require re-evaluation by the supervising therapist. - NEW Musculoskeletal Imaging chapter explains in basic terms the various types of musculoskeletal imaging used when examining musculoskeletal injuries. - NEW Orthopedic Management Concepts Specific to Women chapter covers the issues, pathology, and progression of women's health issues as they relate to physical rehabilitation. - NEW! Full-color design and illustrations add clarity to anatomy and procedural drawings and make it easier to learn important concepts. - NEW! Important Concepts highlight useful tips and tricks of patient practice. - NEW student resources on the Evolve companion website include critical thinking applications, weblinks to related sites, and references with links to Medline® abstracts.

wichita state physical therapy: *Fundamental Orthopedic Management for the Physical Therapist Assistant - E-Book* Robert C. Manske, 2021-07-15 - NEW! Updated content and references

are added throughout the book to reflect changes in practice patterns. - NEW! Expanded full-color illustrations add clarity to anatomy and procedural drawings and make it easier to learn important concepts - NEW! Updated chapter summaries highlight essential, need-to-know information. - NEW! Updated educator and student resources on the Evolve website provide tools to make teaching and learning easier.

wichita state physical therapy: Fundamental Orthopedic Management for the Physical Therapist Assistant - E-Book Gary A. Shankman, Robert C. Manske, 2010-10-01 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.

wichita state physical therapy: Mosby's Field Guide to Physical Therapy Mosby, 2009-07-08 Ideal for clinical settings, this unique, handheld reference provides the most vital details of assessment diagnosis and treatment in a portable, lay-flat format. The convenient organization with color-coded sections and information broken down into charts, tables, and lists makes it easy to find information quickly. With content compiled, created and reviewed by experts in PT practice and education, you'll have all of the information you depend on for academic and clinical success in one convenient reference! Coverage of preferred practice pattern key areas - including musculoskeletal, neuromuscular, cardiovascular and pulmonary, and integumentary - prepare you for situations you'll encounter in practice. Charts, tables, lists, and figures offer easy access to critical information, perfect for fast access in the field. Content on adult, pediatric and geriatric populations prepare you to provide the best care for each patient. Drug monographs include essential information on drugs that may affect physical therapy intervention. Tools for Practice section features important tools for clinical use including content on vital signs, lab values, common ICD-9 codes, American Sign Language, Spanish terminology, and drug monographs. A vibrant, full-color, user-friendly design with over 130 illustrations and color-coded sections makes it easy to find and understand information. Convenient, take-along format lays flat for easy reference in the busy clinical setting.

wichita state physical therapy: Clinical Mechanics and Kinesiology Janice K. Loudon, Robert C. Manske, Michael P. Reiman, 2013-04-12 Clinical Mechanics and Kinesiology provides a solid foundation so that students of physical therapy, occupational therapy, and athletic training can understand biomechanics and functional anatomy as they relate to both normal and abnormal movement. Written by active clinicians with more than 40 combined years of clinical and teaching experience, this text is also a practical reference for rehabilitation professionals working with a range of populations and pathologies. Taking a clinical approach not found in other texts, Clinical Mechanics and Kinesiology follows a logical progression that maximizes learning. It first presents biomechanical principles that students must understand in order to examine and treat clients and patients undergoing rehabilitation. Next, it explores muscle and nerve physiology and function of the muscle and joint systems. Then the focus shifts to applying those concepts to specific joints. Divided into 10 regions, each joint is evaluated by the bones that make up the joints; the joint articulation, anatomy, and function; and the muscles that act on the joints. In the final section of the text, students gain insight into full-body movement patterns of particular concern to rehabilitation specialists. They will examine not only the usual topics of posture and walking gait but also running gait and the mechanics of jumping and cutting—some of the most common sources of injury. Clinical Mechanics and Kinesiology is enhanced with over 360 pieces of full-color art. Unique combination figures integrate detailed bone illustrations and photos. Medical art displays locations of bones, muscles, and ligaments. Arthrokinematic motions are clearly shown with the appropriate skeletal locations, making it easy for students to see how a particular motion relates to the rest of the body.

Several other features also aid in students' learning and retention: • Clinical Correlations included in each chapter help students increase their understanding of biomechanics and kinesiology and apply the theoretical content to clinical practice. • Problem Sets and Practice It sidebars with activities in chapters 1 and 2 assist students in applying and mastering biomechanical concepts. • Pedagogical aids such as chapter objectives and conclusions, key points, glossary terms, and review questions highlight important information so students can quickly grasp and review the main points. In addition, instructors will have online access to an instructor guide, image bank, and test package. The instructor guide further encourages students' learning by offering class assignments and lab activities not featured in the book. The class assignments, at least three per chapter, are quick activities that can be completed in class. The lab activities are longer assignments intended to be completed outside the classroom by pairs of students. Each lab contains an overview, a statement of purpose, a list of equipment needed, and instruction on data collection and analysis. Written for students and practitioners of rehabilitation programs, *Clinical Mechanics and Kinesiology* provides a foundation in kinesiology reinforced by numerous clinically applicable examples. Students will gain a strong understanding of mechanical principles governing human motion, with particular knowledge of both normal and abnormal functional motions, and be able to apply their knowledge directly to rehabilitation protocols.

wichita state physical therapy: Physical Rehabilitation - E-Book Michelle H. Cameron, Linda G Monroe, 2007-04-05 The only physical rehabilitation text modeled after the concepts of the APTA's Guide to Physical Therapist Practice, 2nd Edition, this detailed resource provides the most complete coverage of rehabilitation across the preferred practice patterns of physical therapy all in one place! Each chapter is consistently organized to make it easy to find the information you need, with clear guidelines, examples, and summaries based on the latest clinical evidence to help you improve quality of care and ensure positive patient outcomes. - In-depth, evidence-based coverage of more key content areas than any other rehabilitation resource of its kind, including orthopedics, neurology, and wound management, ensures a comprehensive understanding of rehabilitation supported by the latest clinical research. - More than 65 case studies present a problem-based approach to rehabilitation and detail practical, real-world applications. - Over 600 full-color illustrations clarify concepts and techniques. - A FREE companion CD prepares you for practice with printable examination forms and reference lists from the text linked to Medline abstracts and reinforces understanding through interactive boards-style review questions, and vocabulary-building exercises.

wichita state physical therapy: Postsurgical Orthopedic Sports Rehabilitation Robert C. Manske, 2006-01-01 Written by well-known experts in a reader-friendly style, this is the only book to focus specifically on post-surgical guidelines for successful rehabilitation of the knee and shoulder for sports patients. Content covers basic concepts related to soft tissue healing, as well as core concepts in sports medicine rehabilitation, all of which lay the groundwork for discussions of specific protocols. Detailed descriptions of the latest post-surgical procedures for various knee and shoulder pathologies equip readers with essential knowledge needed to recommend the most effective treatment plans. Includes a separate section on multiple ligament knee injuries. Numerous photos and radiographs of topics discussed in the text serve as excellent visual references in the clinical setting. Detailed descriptions of the most current surgical protocols for various knee and shoulder pathologies help readers recommend the best treatment based on proven rehabilitation plans. The inflammatory response is described, with regard to its role in soft tissue healing following surgical procedures of the knee and shoulder. Protocols based on the most recent research available promotes evidence-based practice. A chapter on rotator cuff injuries includes authoritative, up-to-date information on this topic. A chapter on cartilage replacement focuses on the nuts and bolts of rehabilitation for this common injury, offering current, hands-on information about one of the fastest changing treatment protocols. Contributors are expert therapists and physicians - respected leaders in their field. Each chapter highlights post-op guidelines and protocols in a consistent format that's immediately accessible and easy to reference. Comprehensive information

on soft tissue healing is presented. A separate section on multiple ligament knee injuries presents hard-to-find information that's rarely covered in other resources or literature.

wichita state physical therapy: Cardiovascular and Pulmonary Physical Therapy Donna Frownfelter, Elizabeth Dean, 2012-03-30 Providing a solid foundation in cardiovascular and pulmonary physiology and rehabilitation, *Cardiovascular and Pulmonary Physical Therapy: Evidence and Practice*, 5th Edition uses the latest scientific literature and research in covering anatomy and physiology, assessment, and interventions. A holistic approach addresses the full spectrum of cardiovascular and pulmonary physical therapy from acute to chronic conditions, starting with care of the stable patient and progressing to management of the more complex, unstable patient. Both primary and secondary cardiovascular and pulmonary disorders are covered. In this edition, updates include new, full-color clinical photographs and the most current coverage of techniques and trends in cardiopulmonary physical therapy. Edited by Donna Frownfelter and Elizabeth Dean, recognized leaders in cardiovascular and pulmonary rehabilitation, this resource is ideal for clinicals and for practice. - Evidence-based practice is demonstrated with case studies, and the latest research supports PT decision-making. - Real-life clinical cases show the application of concepts to evidence-based practice. - Holistic approach supports treating the whole person rather than just the symptoms of a disease or disorder, covering medical, physiological, psychological, psychosocial, therapeutic, practical, and methodological aspects. - Coverage includes both primary and secondary cardiovascular and pulmonary conditions. - An integrated approach to oxygen transport demonstrates how the cardiovascular and pulmonary systems function together. - Emphasis on the terminology and guidelines of APTA's Guide to Physical Therapist Practice keeps the book consistent with the standards for practice in physical therapy. - Key terms and review questions in each chapter focus your learning on important concepts. - The Evolve companion website includes additional resources such as a case study guide, Archie animations, color images, video clips, WebLinks, and references with links to MEDLINE abstracts. - Full-color photos and illustrations enhance your understanding of the book's concepts. - Two new Mobilization and Exercise chapters cover physiologic principles along with application to practice. - Information on airway clearance techniques is revised and condensed into one comprehensive chapter. - New reference style makes it easier to find resources by replacing the old author-date references with numbered superscripts linked to MEDLINE abstracts.

wichita state physical therapy: Clinical Orthopaedic Rehabilitation S. Brent Brotzman, Robert C. Manske, 2011-01-01 In *Clinical Orthopaedic Rehabilitation: An Evidence-Based Approach*, Dr. S. Brent Brotzman and Robert C. Manske help you apply the most effective, evidence-based protocols for maximizing return to function following common sports injuries and post-surgical conditions. A well-respected, comprehensive source for evaluating, treating, and rehabilitating orthopaedic patients, the 3rd Edition guides you on the prevention of running injuries, the latest perturbation techniques, and the ACL rehabilitation procedures and functional tests you need to help get your patients back in the game or the office. You'll also find a brand-new spine rehabilitation section, an extensively revised art program, and online access to videos demonstrating rehabilitation procedures of common orthopaedic conditions at www.expertconsult.com. Get expert guidance on everything you may see on a day-to-day basis in the rehabilitation of joint replacements and sports injuries. Apply evidence-based rehabilitation protocols to common sports conditions like ACL and meniscus injuries and post-surgical rehabilitation for the knee, hip, and shoulder. See how to perform perturbation techniques for ACL rehabilitation, ACL functional tests and return-to-play criteria after reconstruction, analysis of running gait to prevent and treat running injury, and more with videos online at www.expertconsult.com. Use the expert practices described in Tendinopathy and Hip Labral Injuries, part of the expanded Special Topics section, to help patients realize quicker recovery times. Visualize physical examination and rehabilitation techniques with the extensively revised art program that presents 750 figures and illustrations. The new edition of the well-respected Brotzman has been updated to consistently include evidence-based rehabilitation protocols, as well as comprehensive coverage and videos at a great value!

wichita state physical therapy: Orthopedic Joint Mobilization and Manipulation Manske, Robert C., Lehecka, Brian , Reiman, Michael, Loudon, Janice, 2019 Orthopedic Joint Mobilization and Manipulation is a guide to clinical applications that will help eliminate pain and re-establish normal joint motion for patients experiencing various musculoskeletal ailments. Sixty techniques are demonstrated in video within the companion web study guide.

wichita state physical therapy: Physical Therapy of the Shoulder - E-Book Robert A. Donatelli, 2011-03-16 - Updated neurology and surgery sections provide the most current, evidence-based practice parameters. - New case studies are added to show the clinical application of therapy principles. - Video clips on the companion Evolve website demonstrate additional techniques, exercises, and tests.

wichita state physical therapy: The Athlete's Shoulder James R. Andrews, Kevin E. Wilk, Michael M. Reinold, 2008-10-30 The latest edition of this in-depth look at athletic injuries of the shoulder has been updated to feature 16 new chapters, additional illustrations and algorithms, an added focus on arthroscopic treatments, and pearls that highlight key information. Additional contributing authors give you a fresh spin on new and old topics from rehabilitation exercises to special coverage of female athletes, pediatrics, and golfers. This book offers coverage of arthroscopy, total joint replacement, instability, football, tennis, swimming, and gymnastic injuries, rotator cuff injuries, and much, much more! The large range of topics covered in this text ensures that it's a great resource for orthopaedists, physical therapists, athletic trainers, and primary care physicians. - Presents a multidisciplinary approach to the care of the shoulder, combining contributions from the leaders in the field of orthopedic surgery, physical therapy, and athletic training. - Demonstrates which exercises your patients should perform in order to decrease their chance of injury or increase strength following an injury through illustrated exercises for rehabilitation and injury prevention. - Illustrates how the shoulder is affected during activity of certain sports with a variety of tables and graphs. - Covers a large range of topics including all shoulder injuries to be sufficiently comprehensive for both orthopaedists and physical therapists/athletic trainers. Features 16 new chapters, including Internal Impingement, Bankarts: Open vs. Arthroscopy, Adhesive Capsulitis of the Shoulder, Cervicogenic Shoulder Pain, Proprioception: Testing and Treatment, and more. - Details current surgical and rehabilitation information for all aspects of shoulder pathology to keep you up-to-date. - Organizes topics into different sections on anatomy, biomechanics, surgery, and rehabilitation for ease of reference.

wichita state physical therapy: Mechanics, Pathomechanics and Injury in the Overhead Athlete W. Ben Kibler, Aaron D. Sciascia, 2019-05-07 As clinical interest in overhead athletic injuries is on the upswing, so is greater interest in the factors for performance and injury risk in throwing and other overhead motion. This practical, case-based text is divided into two sections and will present the basic principles of overhead athletes followed by unique clinical case presentations describing different aspects of performance, injury and management in throwing and other overhead athletes. Part I discusses the mechanics and pathomechanics of the overhead motion, along with principles of evaluation, the physical exam, surgical management of both the shoulder and elbow, rehabilitation and return to play, injury risk modification, and the role of the scapula. Unique clinical cases comprise all of part II and follow a consistent format covering the history, exam, imaging, diagnosis and outcome of the chosen intervention. These cases illustrate a cross-section of sports and activities, from the baseball player to the swimmer, and a range of shoulder and elbow problems in pediatric and adult overhead athletes Providing a unique case-based approach to a growing hot topic, Mechanics, Pathomechanics and Injury in the Overhead Athlete is an ideal resource for orthopedic surgeons, sports medicine specialists, physiatrists, physical therapists, certified athletic trainers and allied medical professions treating active persons of all ages.

wichita state physical therapy: Activities Carried Out Under the Veterans' Administration Medical School Assistance and Health Manpower Training Act of 1972 (Public Law 92-541) United States. Veterans Administration, 1981

wichita state physical therapy: Kinesiology - E-Book Joseph E. Muscolino, 2010-10-15 See the

body's bones, joints, and muscles in action! Highly visual and in full color, *Kinesiology: The Skeletal System and Muscle Function* makes it easy to understand kinesiology concepts and how they would be applied to the treatment of dysfunction. It contains over 1,200 illustrations, including a bone atlas that shows every bone in the human body and six chapters with detailed, illustrated coverage of joints. Written by noted educator and author Joseph E. Muscolino, this book clearly depicts how muscles function as movers, antagonists, and stabilizers. This edition expands its reach to athletic training with two new chapters on stretching and strengthening exercises. This title includes additional digital media when purchased in print format. For this digital book edition, media content may not be included. Companion DVD includes over one hour of video demonstrating all the major joint actions of the human body, with a voiceover explanation of the names of the motions, the planes in which motion occurs, and the axes around which motion occurs. Unique! A focus on the needs of massage therapists and bodyworkers makes it easier to apply kinesiology concepts to the practice of massage therapy. Unique! A complete bone atlas includes over 100 full-color photographs showing every bone in the human body. 1,200 full-color illustrations help you understand concepts relating to the bones of the human body, joints of the human body, and muscle function parts. A logical, easy-to-reference format moves from basics (like parts of the body) to more difficult topics (such as microphysiology). Six chapters on joints cover structure, function, and terminology, with specific illustrations on each joint in the human body: joints of the axial body, joints of the upper extremity, and joints of the lower extremity. Student-friendly features in each chapter include an outline, learning objectives, overview, key terms with pronunciations, and word origins designating the Latin or Greek derivative. Clear, simple explanations make it easy to understand kinesiology concepts, including muscle contraction(s), coordination of muscles with movement, core stabilization, posture, exercise, reflexes, and how the nervous system controls and directs the muscular system. Expert author Joseph E. Muscolino, DC, offers years of experience in the study of muscles and muscle function, as well as bodywork and massage, and conveys that information in an understandable format.

wichita state physical therapy: Clinical Orthopaedic Rehabilitation: A Team Approach
E-Book Charles E. Giangarra, Robert C. Manske, 2017-01-04 Evidence suggests a direct correlation between the quality of postoperative orthopaedic rehabilitation and the effectiveness of the surgery. *Clinical Orthopaedic Rehabilitation*, 4th Edition, helps today's orthopaedic teams apply the most effective, evidence-based protocols for maximizing return to function following common sports injuries and post-surgical conditions. Charles Giangarra, MD and Robert Manske, PT continue the commitment to excellence established by Dr. S. Brent Brotzman in previous editions, bringing a fresh perspective to the team approach to rehabilitation. - Every section is written by a combination of surgeons, physical therapists, and occupational therapists, making this respected text a truly practical how-to guide for the appropriate initial exam, differential diagnosis, treatment, and rehabilitation. - Treatment and rehabilitation protocols are presented in a step-by-step, algorithmic format with each new phase begun after criteria are met (criteria-based progression, reflecting current best practice). - Revised content brings you up to date with new evidence-based literature on examination techniques, classification systems, differential diagnosis, treatment options, and criteria-based rehabilitation protocols. - Extensive updates throughout include new chapters on: medial patellofemoral ligament, shoulder impingement, pec major ruptures, thoracic outlet syndrome, general humeral fractures, foot and ankle fractures, medial patellofemoral ligament reconstruction, the arthritic hip, athletic pubalgia, and labral repair and reconstruction. - Easy-to-follow videos demonstrate rehabilitation procedures of frequently seen orthopaedic conditions and commonly used exercises, and new full-color images complement the highly visual nature of the text.

wichita state physical therapy: Shoulder Rehabilitation Todd S. Ellenbecker, 2011-01-01 Clear treatment guidelines for a range of shoulder disorders This book presents the latest evidence-based information on current non-operative treatment recommendations for shoulder rehabilitation. Addressing a range of shoulder disorders, including glenohumeral joint instability, glenohumeral

joint impingement, and frozen shoulder, **Shoulder Rehabilitation: Non-Operative Treatment** provides easy-to-follow guidelines on how to develop rehabilitation plans tailored to the specific needs of the patient. It also covers special topics in shoulder rehabilitation, such as how to modify traditional exercises for shoulder rehabilitation; the use of taping and external devices in rehabilitation; and the use of interval-based sport return programs. Highlights of this text: In-depth coverage of specific shoulder pathologies with key basic science information Detailed descriptions of specific exercise modifications that will help return the active shoulder patient to full activity following physical therapy Extensive use of photographs and figures that illustrate recommended exercise and mobilization techniques An ideal clinical reference, this book will benefit specialists in orthopedics, sports medicine, and physical therapy, as well as students in graduate-level physical therapy and athletic training programs.

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