

csu sacramento physical therapy

csu sacramento physical therapy represents a vital component of the health sciences programs offered at California State University, Sacramento. This comprehensive program is designed to prepare students for careers in physical therapy, emphasizing clinical skills, research, and patient care. The curriculum integrates theoretical knowledge with practical application, fostering expertise in rehabilitation techniques and therapeutic interventions. Prospective students and healthcare professionals alike seek information on the program's structure, faculty, clinical opportunities, and career outcomes. This article provides an in-depth exploration of the CSU Sacramento physical therapy program, its educational offerings, clinical training, research initiatives, and community engagement. Below is an overview of the key sections covered in this article.

- Overview of CSU Sacramento Physical Therapy Program
- Academic Curriculum and Coursework
- Clinical Training and Hands-On Experience
- Faculty Expertise and Research Opportunities
- Career Prospects and Professional Outcomes
- Community Engagement and Outreach

Overview of CSU Sacramento Physical Therapy Program

The CSU Sacramento physical therapy program is a distinguished academic offering within the College of Health and Human Services. It aims to equip students with the knowledge and skills necessary to become licensed physical therapists. The program emphasizes evidence-based practice, critical thinking, and ethical patient care. It is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), assuring adherence to rigorous educational standards. Students benefit from a balanced education that combines classroom instruction, laboratory practice, and clinical experiences. The program prepares graduates to address a variety of physical impairments and disabilities across diverse populations.

Program Mission and Goals

The mission of the CSU Sacramento physical therapy program focuses on educating highly competent, compassionate physical therapists who are committed to lifelong learning and advancing the profession. The program goals include fostering clinical excellence, promoting research and scholarship, and encouraging community service. Graduates are expected to demonstrate proficiency in patient assessment, intervention planning, and outcome measurement. The program also

emphasizes interprofessional collaboration and cultural competence to meet the needs of an increasingly diverse society.

Admission Requirements

Admission to the CSU Sacramento physical therapy program is competitive and requires applicants to meet specific academic and experiential criteria. Prerequisites typically include coursework in anatomy, physiology, biology, chemistry, and physics, along with a minimum GPA requirement. Applicants must also submit letters of recommendation, a personal statement, and document clinical observation hours. The program values candidates who demonstrate strong communication skills, empathy, and a commitment to healthcare. Selection is based on academic performance, relevant experience, and alignment with the program's mission.

Academic Curriculum and Coursework

The academic curriculum in CSU Sacramento physical therapy blends foundational sciences with specialized physical therapy courses. Students engage in rigorous study to understand human anatomy, kinesiology, pathology, and therapeutic modalities. The coursework is designed to develop clinical reasoning and practical skills essential for effective patient care. The program spans multiple semesters, progressively increasing in complexity and clinical relevance.

Core Courses

Core courses within the physical therapy program cover a wide range of topics crucial for professional competence. These include:

- Human Anatomy and Physiology
- Biomechanics and Kinesiology
- Neurological and Musculoskeletal Rehabilitation
- Therapeutic Exercise and Modalities
- Pharmacology and Pathophysiology
- Evidence-Based Practice and Research Methods
- Clinical Ethics and Professionalism

Each course integrates lectures, laboratory sessions, and case studies to enhance understanding and application of physical therapy principles.

Capstone and Research Projects

Many students participate in capstone projects or research activities that allow for in-depth exploration of physical therapy topics. These projects foster critical analysis, data collection, and scholarly writing. Students may investigate clinical interventions, rehabilitation technologies, or healthcare delivery models. Faculty mentorship supports student research, encouraging contributions to the field's knowledge base. Participation in research enhances students' problem-solving skills and prepares them for evidence-based clinical practice.

Clinical Training and Hands-On Experience

Clinical training is a cornerstone of the CSU Sacramento physical therapy program, providing students with essential real-world experience. The program incorporates multiple clinical rotations in diverse healthcare settings such as hospitals, outpatient clinics, rehabilitation centers, and community health facilities. These placements allow students to apply theoretical knowledge under the supervision of licensed physical therapists.

Clinical Rotation Structure

Students complete a series of supervised clinical internships throughout the program. These rotations vary in duration and focus, exposing students to a broad spectrum of patient populations and conditions. The clinical education emphasizes developing assessment skills, treatment planning, patient communication, and professional conduct. Regular evaluations ensure students meet established competencies and professional standards before graduation.

Skills and Competencies Developed

During clinical training, students refine a variety of skills critical to physical therapy practice, including:

- Patient evaluation and diagnosis
- Design and implementation of therapeutic interventions
- Use of assistive devices and therapeutic equipment
- Documentation and healthcare record management
- Interdisciplinary teamwork and patient advocacy

This hands-on experience ensures that graduates are practice-ready and confident in delivering high-quality care.

Faculty Expertise and Research Opportunities

The CSU Sacramento physical therapy program boasts a team of experienced faculty members with diverse clinical backgrounds and research interests. Faculty contribute to advancing the physical therapy profession through scholarly work, clinical innovation, and community service. Their expertise enhances the educational environment and provides students with mentorship opportunities.

Faculty Specializations

Faculty members specialize in areas such as orthopedics, neurology, pediatrics, geriatrics, sports medicine, and cardiopulmonary rehabilitation. This breadth of expertise supports a comprehensive curriculum and research portfolio. Faculty actively participate in professional organizations and serve as clinical instructors during student internships. Their commitment to teaching excellence ensures that the program remains current with evolving healthcare standards.

Student Research Involvement

Students are encouraged to engage in research projects under faculty guidance. Opportunities include participation in clinical trials, rehabilitation technology assessments, and health outcomes research. The program fosters an environment where inquiry and innovation are valued, preparing students to contribute to evidence-based practice. Research involvement also enhances critical thinking and analytical skills essential for lifelong professional development.

Career Prospects and Professional Outcomes

Graduates of the CSU Sacramento physical therapy program are well-prepared to enter the workforce as licensed physical therapists. The program's comprehensive education and clinical training support successful licensure examination performance and employment placement. Alumni pursue careers in various healthcare settings, including hospitals, outpatient clinics, rehabilitation facilities, schools, and private practice.

Licensure and Certification

Completion of the program qualifies graduates to sit for the National Physical Therapy Examination (NPTE), a requisite for state licensure. CSU Sacramento's curriculum ensures that students meet or exceed the competencies required for licensure. Many graduates also pursue specialty certifications to enhance their expertise and career opportunities.

Employment Opportunities

Physical therapists trained at CSU Sacramento find employment across multiple sectors. Common work environments include:

- Acute care hospitals

- Outpatient rehabilitation centers
- Skilled nursing facilities
- Home health agencies
- Sports and fitness organizations

The demand for qualified physical therapists continues to grow, offering graduates a range of career pathways with competitive salaries and opportunities for advancement.

Community Engagement and Outreach

The CSU Sacramento physical therapy program actively participates in community outreach to promote health and wellness. Students and faculty collaborate on initiatives that provide physical therapy services, education, and support to underserved populations. These efforts underscore the program's commitment to social responsibility and public health.

Community Service Programs

Community service activities include free clinics, health screenings, workshops, and injury prevention programs. These initiatives allow students to gain practical experience while making a positive impact in the Sacramento region. Engagement in community projects fosters cultural competence and reinforces professional values such as empathy and advocacy.

Partnerships and Collaborations

The program maintains partnerships with local healthcare providers, schools, and nonprofit organizations. These collaborations enhance clinical training opportunities and expand the reach of physical therapy services. Working with diverse community stakeholders enriches the educational experience and supports population health improvement goals.

Frequently Asked Questions

What physical therapy programs are offered at CSU Sacramento?

CSU Sacramento offers a Doctor of Physical Therapy (DPT) program designed to prepare students for professional practice in physical therapy.

Is CSU Sacramento's Physical Therapy program accredited?

Yes, the Doctor of Physical Therapy program at CSU Sacramento is accredited by the Commission on

Accreditation in Physical Therapy Education (CAPTE).

What are the admission requirements for the Physical Therapy program at CSU Sacramento?

Applicants must have a bachelor's degree, complete prerequisite courses, submit GRE scores, provide letters of recommendation, and complete observation hours in physical therapy settings.

Does CSU Sacramento offer clinical internship opportunities for Physical Therapy students?

Yes, the program includes clinical internships where students gain hands-on experience in various healthcare settings under licensed physical therapists.

What career support does CSU Sacramento provide for Physical Therapy graduates?

CSU Sacramento offers career counseling, job placement assistance, and networking opportunities with healthcare employers for Physical Therapy graduates.

Are there research opportunities in Physical Therapy at CSU Sacramento?

Yes, students can participate in faculty-led research projects and contribute to studies related to rehabilitation, musculoskeletal health, and physical therapy techniques.

How does CSU Sacramento's Physical Therapy program prepare students for licensure?

The program curriculum aligns with licensure requirements, providing comprehensive education and clinical experience to prepare students for the National Physical Therapy Examination (NPTE).

Additional Resources

1. Foundations of Physical Therapy Practice at CSU Sacramento

This comprehensive guide explores the core principles and practices taught in the CSU Sacramento Physical Therapy program. It covers anatomy, kinesiology, and patient care techniques, providing students with a solid foundation. The book also highlights the unique curriculum and resources available at CSU Sacramento.

2. Clinical Skills for Physical Therapy Students: A CSU Sacramento Approach

Designed specifically for CSU Sacramento students, this book emphasizes hands-on clinical skills essential for future therapists. It includes practical exercises, case studies, and tips from faculty members to enhance learning. The text prepares students for real-world patient interactions through simulated scenarios.

3. Rehabilitation Strategies in Physical Therapy: Insights from CSU Sacramento

This book focuses on rehabilitation methods taught at CSU Sacramento, detailing therapeutic exercises, modalities, and patient-centered care. It presents evidence-based approaches and integrates research conducted by the university's faculty. Readers gain a clear understanding of how to develop personalized rehab plans.

4. Physical Therapy Research and Evidence-Based Practice at CSU Sacramento

Highlighting the importance of research, this text delves into the studies and projects undertaken by CSU Sacramento's physical therapy department. It guides students on how to critically appraise research articles and apply findings to clinical practice. The book fosters a culture of inquiry and continuous learning.

5. Neurological Rehabilitation Techniques: CSU Sacramento Curriculum Highlights

Focusing on neurological disorders, this book outlines treatment strategies covered in the CSU Sacramento program. It includes chapters on stroke recovery, spinal cord injuries, and neuroplasticity principles. The text combines theoretical knowledge with practical interventions tailored to neurological patients.

6. Orthopedic Physical Therapy: Concepts and Practices from CSU Sacramento

This resource provides an in-depth look at orthopedic conditions and their management, as taught at CSU Sacramento. It covers musculoskeletal assessments, manual therapy techniques, and post-surgical rehabilitation. The book is essential for students aiming to specialize in orthopedic physical therapy.

7. Pediatric Physical Therapy: Education and Practice at CSU Sacramento

Dedicated to the pediatric population, this book introduces students to developmental milestones, common childhood conditions, and family-centered care approaches. It reflects the pediatric coursework and clinical experiences offered at CSU Sacramento. The text equips students with skills to support children's physical development.

8. Cardiopulmonary Physical Therapy: Curriculum and Clinical Applications at CSU Sacramento

Exploring cardiopulmonary conditions, this book discusses assessment and intervention strategies emphasized in the CSU Sacramento program. It includes case examples of patients with chronic obstructive pulmonary disease, heart surgery recovery, and exercise prescription. The text bridges classroom knowledge with clinical practice.

9. Professional Development and Ethics in Physical Therapy: Perspectives from CSU Sacramento

This book addresses the ethical considerations and professional responsibilities integral to the CSU Sacramento physical therapy education. Topics include patient confidentiality, interdisciplinary collaboration, and lifelong learning. It serves as a guide for students to develop a strong professional identity and ethical practice standards.

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csu sacramento physical therapy: *Physical Rehabilitation* Susan B O'Sullivan, Thomas J Schmitz, George Fulk, 2019-01-25 Rely on this comprehensive, curriculum-spanning text and reference now and throughout your career! You'll find everything you need to know about the rehabilitation management of adult patients... from integrating basic surgical, medical, and therapeutic interventions to how to select the most appropriate evaluation procedures, develop rehabilitation goals, and implement a treatment plan. Online you'll find narrated, full-color video clips of patients in treatment, including the initial examination, interventions, and outcomes for a variety of the conditions commonly seen in rehabilitation settings.

csu sacramento physical therapy: *Handbook of Teaching for Physical Therapists* Gail M. Jensen, Elizabeth Mostrom, 2012-06-18 Whether you are practicing in an in-patient or an out-patient facility, academic institution, or clinical residency program, this well-respected handbook gives you the background and guidance you need to effectively educate individuals across the continuum of physical therapy practice. Practical, real-life examples show you how to: incorporate health literacy and needs of the learner; assess and adapt to the various learning styles of patients; use simulations in education; facilitate the development of clinical reasoning skills; and assess learning outcomes and the effectiveness of your teaching. Plus, four all-new chapters and major revisions of all content throughout the book keep you on top of the latest research and best practices. - Coverage of the theory and application of educational principles across the continuum of PT practice provides the information you need to improve your skills in the educational process both in academic and clinical settings. - Two section format divides content into two parts: designing academic and clinical education programs and teaching students in academic and clinical settings; and teaching patients and families in clinical and community settings. - Variety of teaching and teaching assessment methods expands your teaching, learning, and assessment repertoires. - Case stories at the beginning of each chapter allow you to see the relevance of the information in the chapter. - Threshold concepts highlight key ideas that are important to know. - Annotated bibliography at end of each chapter provides resources for further study. - NEW! Chapter on Authentic Assessment: Simulation-Based Education reflects the new ways to facilitate student learning through the use of human simulation models. - NEW! Chapter on Strategies for Planning and Implementing Interprofessional Education covers the fundamental concepts of team-based care and interprofessional learning. - NEW! Chapter on What Makes a Good Clinical Teacher? translates current research on clinical teaching into clinical education and practice. - NEW! Chapter on Facilitating the Teaching and Learning of Clinical Reasoning helps you apply current research on clinical reasoning in rehabilitation to clinical education and teaching. - NEW! Two combined chapters on Patient Education and Health Literacy (previously chapters 8 and 12) and Applied Behavioral Theory and Adherence: Models for Practice (previously chapters 9 and 10) provide focused presentations on current thinking and practical strategies for addressing health literacy issues in the clinical environment. - NEW! Expanded chapter on Post-Professional Clinical Residency and Fellowship Education offers more information on models and trends in residency education and mentoring.

csu sacramento physical therapy: *Umphred's Neurological Rehabilitation - E-Book* Rolando T. Lazaro, Sandra G. Reina-Guerra, Myla Quiben, 2019-12-05 **Selected for Doody's Core Titles® 2024 in Physical Medicine and Rehabilitation** Develop problem-solving strategies for individualized, effective neurologic care! Under the new leadership of Rolando Lazaro, *Umphred's Neurological Rehabilitation*, 7th Edition, covers the therapeutic management of people with activity limitations, participation restrictions, and quality of life issues following a neurological event. This comprehensive reference reviews basic theory and addresses the best evidence for evaluation tools and interventions commonly used in today's clinical practice. It applies a time-tested, evidence-based approach to neurological rehabilitation that is perfect for both the classroom and the clinic. Now fully searchable with additional case studies through Student Consult, this edition includes updated chapters and the latest advances in neuroscience. - Comprehensive reference offers a thorough

understanding of all aspects of neurological rehabilitation. - Expert authorship and editors lend their experience and guidance for on-the-job success. - UNIQUE! A section on neurological problems accompanying specific system problems includes hot topics such as poor vision, vestibular dysfunction, dementia and problems with cognition, and aging with a disability. - A problem-solving approach helps you apply your knowledge to examinations, evaluations, prognoses, and intervention strategies. - Evidence-based research sets up best practices, covering topics such as the theory of neurologic rehabilitation, screening and diagnostic tests, treatments and interventions, and the patient's psychosocial concerns. - Case studies use real-world examples to promote problem-solving skills. - Comprehensive coverage of neurological rehabilitation across the lifespan — from pediatrics to geriatrics. - Terminology adheres to the best practices, follows The Guide to Physical Therapy Practice and the WHO-ICF World Health model. - NEW! enhanced eBook on Student Consult. - UPDATED! Color photos and line drawings clearly demonstrate important concepts and clinical conditions students will encounter in practice. - NEW and EXPANDED! Additional case studies and videos illustrate how concepts apply to practice. - Updated chapters incorporate the latest advances and the newest information in neurological rehabilitation strategies. - NEW and UNIQUE! New chapter on concussion has been added. - Separate and expanded chapters on two important topics: Balance and Vestibular.

csu sacramento physical therapy: Evidence Based Physical Therapy Linda Fetters, Julie Tilson, 2018-10-02 Improve outcomes through evidence-based therapy. This practical, easy-to-use guide uses a five-step process to show you how to find, appraise, and apply the research in the literature to meet your patient's goals. You'll learn how to develop evidence-based questions specific to your clinical decisions and conduct efficient and effective searches of print and online sources to identify the most relevant and highest quality evidence. Then, you'll undertake a careful appraisal of the information; interpret the research; and synthesize the results to generate valid answers to your questions. And, finally, you'll use the Critically Appraised Topic (CAT) tool to communicate your findings. See what practitioners and students are saying about the previous edition... Great resource for applying evidence to practice. "The book is very clearly written with clinical examples, and in-depth questions. If you want a comprehensive book on statistics this is not the book for you, but it is an easily understandable introduction to physical therapy research which will help you to interpret the literature and apply it to your patients."

csu sacramento physical therapy: Goodman and Snyder's Differential Diagnosis for Physical Therapists - E-Book John Heick, Rolando T. Lazaro, 2022-06-25 - NEW! Revised content throughout the book provides the most current information for effective practice, and includes updated references as well as a discussion of pain mechanisms. - NEW Screening for Neurologic Conditions chapter focuses on conditions that require immediate referral when the neurologic condition is in the prodromal stage and have not yet been diagnosed by a medical professional. - NEW! Updated screening tools include Optimal Screening for Prediction of Referral and Outcome Yellow Flag (OSPRO-YF) and Optimal Screening for Prediction of Referral and Outcome Review of Systems (OSPRO-ROS). - NEW! Enhanced eBook version is included with every print purchase, allowing access to all of the text, images, and references from the book on a variety of devices. - NEW! Updated appendices include screening tools and checklists, available in the eBook.

csu sacramento physical therapy: Neurological Rehabilitation Darcy Ann Umphred, PT, PhD, FAPTA, Rolando T. Lazaro, PT, PhD, DPT, 2012-08-14 Using a problem-solving approach based on clinical evidence, Neurological Rehabilitation, 6th Edition covers the therapeutic management of people with functional movement limitations and quality of life issues following a neurological event. It reviews basic theory and covers the latest screening and diagnostic tests, new treatments, and interventions commonly used in today's clinical practice. This edition includes the latest advances in neuroscience, adding new chapters on neuroimaging and clinical tools such as virtual reality, robotics, and gaming. Written by respected clinician and physical therapy expert Darcy Umphred, this classic neurology text provides problem-solving strategies that are key to individualized, effective care. UNIQUE! Emerging topics are covered in detail, including chapters such as

Movement Development Across the Lifespan, Health and Wellness: The Beginning of the Paradigm, Documentation, and Cardiopulmonary Interactions. UNIQUE! A section on neurological problems accompanying specific system problems includes hot topics such as poor vision, pelvic floor dysfunction, and pain. A problem-solving approach helps you apply your knowledge to examinations, evaluations, prognoses, and intervention strategies. Evidence-based research sets up best practices, covering topics such as the theory of neurologic rehabilitation, screening and diagnostic tests, treatments and interventions, and the patient's psychosocial concerns Information. Case studies use real-world examples to promote problem-solving skills. Non-traditional approaches to neurological interventions in the Alternative and Complementary Therapies chapter include the movement approach, energy approach, and physical body system approaches therapies. Terminology adheres to the best practices of the APTA as well as other leading physical therapy organizations, following The Guide to Physical Therapy Practice, the Nagi model, and the ICF World Health Model of patient empowerment. Updated illustrations provide current visual references. NEW chapters on imaging and robotics have been added. Updated chapters incorporate the latest advances and the newest information in neuroscience and intervention strategies. Student resources on an Evolve companion website include references with links to MEDLINE and more.

csu sacramento physical therapy: *Umphred's Neurorehabilitation for the Physical Therapist Assistant* Rolando Lazaro, Darcy Umphred, 2024-06-01 A comprehensive guide to neurological rehabilitation for physical therapist assistants (PTAs), Umphred's Neurorehabilitation for the Physical Therapist Assistant, Third Edition presents contemporary, evidence-based principles and techniques for examination and intervention for individuals with neurological conditions. Umphred's Neurorehabilitation for the Physical Therapist Assistant, Third Edition addresses a wide variety of pediatric and adult neurological disorders, including spinal cord injury, brain injury, stroke, Parkinson's disease, multiple sclerosis, amyotrophic lateral sclerosis, Guillain-Barré syndrome, and more. Drs. Lazaro and Umphred have updated this classic text to reflect current and emerging trends in physical therapy, including: The role of the PTA in neurocritical care The role of the PTA in management of clients with lifelong impairments and activity limitations Technology in neurorehabilitation Also included is a new chapter on functional neuroanatomy, which provides the foundational background for understanding the relationship between the structure and function of the nervous system. The Third Edition also features helpful instructor and student resources. Included with the text are online supplemental materials for faculty use in the classroom. Umphred's Neurorehabilitation for the Physical Therapist Assistant, Third Edition is the definitive resource for any PTA faculty, student, or clinician interested in the physical therapy management of individuals with neurological conditions.

csu sacramento physical therapy: Acute Care Handbook for Physical Therapists - E-BOOK Kathryn Panasci, Kristin C. Greenwood, 2025-10-27 Master the essential information you need to know to effectively treat and manage patients in the complex acute care environment with Acute Care Handbook for Physical Therapists, Sixth Edition. This easy-to-follow guide is the perfect resource to help you better understand and interpret hospital protocol, safety guidelines, medical terms, and the many aspects of patient care in the hospital setting — from the emergency department to the intensive care unit to the general hospital floors. Featuring extensively updated content that reflects the latest evidence-based information, this edition contains everything needed for success in today's fast-paced acute care environment. - NEW! Chapters cover interprofessional practice and psychological and mental health - NEW! Content addresses emerging topics in post intensive care syndrome and COVID - UPDATED! Enhanced focus on transition to practice helps ensure you are confident and prepared for the clinical setting - NEW! Enhanced ebook version, included with every new print purchase, features reflection questions and a study guide, plus digital access to all the text, figures, and references, with the ability to search, customize content, make notes and highlights, and have content read aloud - Evidenced-based information ensures you are equipped with the knowledge needed to manage the acuity of patients in the acute care environment - Up-to-date content on medications, laboratory and diagnostic tests, and medical interventions

relevant to the acute care physical therapist - Easy-to-read algorithms, tables, boxes, and clinical tips highlight key information for quick reference

csu sacramento 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.

csu sacramento physical therapy: Neurological Rehabilitation - E-Book Darcy Ann Umphred, Rolando T. Lazaro, Margaret Roller, Gordon Burton, 2013-08-07 Using a problem-solving approach based on clinical evidence, Neurological Rehabilitation, 6th Edition covers the therapeutic management of people with functional movement limitations and quality of life issues following a neurological event. It reviews basic theory and covers the latest screening and diagnostic tests, new treatments, and interventions commonly used in today's clinical practice. This edition includes the latest advances in neuroscience, adding new chapters on neuroimaging and clinical tools such as virtual reality, robotics, and gaming. Written by respected clinician and physical therapy expert Darcy Umphred, this classic neurology text provides problem-solving strategies that are key to individualized, effective care. UNIQUE! Emerging topics are covered in detail, including chapters such as Movement Development Across the Lifespan, Health and Wellness: The Beginning of the Paradigm, Documentation, and Cardiopulmonary Interactions. UNIQUE! A section on neurological problems accompanying specific system problems includes hot topics such as poor vision, pelvic floor dysfunction, and pain. A problem-solving approach helps you apply your knowledge to examinations, evaluations, prognoses, and intervention strategies. Evidence-based research sets up best practices, covering topics such as the theory of neurologic rehabilitation, screening and diagnostic tests, treatments and interventions, and the patient's psychosocial concerns. Information. Case studies use real-world examples to promote problem-solving skills. Non-traditional approaches to neurological interventions in the Alternative and Complementary Therapies chapter include the movement approach, energy approach, and physical body system approaches. Terminology adheres to the best practices of the APTA as well as other leading physical therapy organizations, following The Guide to Physical Therapy Practice, the Nagi model, and the ICF World Health Model of patient empowerment. Updated illustrations provide current visual references. NEW chapters on imaging and robotics have been added. Updated chapters incorporate the latest advances and the newest information in neuroscience and intervention strategies. Student resources on an Evolve companion website include references with links to MEDLINE and more.

csu sacramento physical therapy: Pathology and Intervention in Musculoskeletal Rehabilitation David J. Magee, James E. Zachazewski, William S. Quillen, Robert C. Manske,

2015-11-20 Design and implement a rehab program on your own with Pathology and Intervention in Musculoskeletal Rehabilitation, 2nd Edition. Part of Magee's popular Musculoskeletal Rehabilitation Series, this pathology text for physical therapists provides clear guidance on patient management relative to specific musculoskeletal pathology, injury, and illness - all based on a sound understanding of basic science and principles of practice. It focuses on the specific pathologies most often seen in the clinic, and discusses the best methods for intervention for the different areas of the body in the context of the tissue-healing model. Each intervention features a rationale, along with the pathology and problem presented; stage of healing; evidence in the literature; and clinical reasoning considerations. Dedicated and focused information on the specific pathologies most often seen in the clinic, as well as the best methods for intervention for the different areas of the body, minimizes duplication of information by referring you to other titles in the Musculoskeletal Rehabilitation Series for basic scientific information regarding inflammation, healing, tissue deformation, and the development of muscular strength and endurance. Trusted experts in musculoskeletal rehabilitation, along with internationally recognized contributors, present the best evidence behind contemporary interventions directed toward the treatment of the impairments and functional limitations associated with acute, chronic, and congenital musculoskeletal conditions occurring across the lifespan. Evidence-based content, with over 4,000 references, supports the scientific principles for rehabilitation interventions, providing the best evidence for the management of musculoskeletal pathology and injury. NEW! The Skin and Wound Healing chapter looks at the numerous tools available to assist in objectively monitoring and treating a patient with an acute or chronic wound. NEW! Rotator Cuff Pathology chapter highlights the anatomy, function, and etiology of the rotary cuff, and addresses rotary cuff injuries, physical examination, and non-operative and operative treatment. UPDATED! Substantially revised chapter on the Thoracic Ring Approach facilitates clinical reasoning for the treatment of the thoracic spine and ribs through the assessment and treatment of thoracic spine disorders and how they relate to the whole kinetic chain. UPDATED! Revised Lumbar Spine - Treatment of Motor Control Disorders chapter explores some of the research evidence and clinical reasoning pertaining to instability of the lumbar spine so you can better organize your knowledge for immediate use in the clinical setting. UPDATED! Significantly revised chapter on the treatment of pelvic pain and dysfunction presents an overview of specific pathologies pertaining to the various systems of the pelvis - and highlights how The Integrated Systems Model for Disability and Pain facilitates evidence-based management of the often complex patient with pelvic pain and dysfunction. NEW! Musculoskeletal Bone and Soft Tissue Tumors chapter covers common bones tumors, anatomic considerations and rehabilitation, pediatric patients, and amputation related to cancer. UPDATED! Thoroughly revised chapters with additional references ensure you get the most recent evidence and information available. NEW! Full color design and illustration program reflects what you see in the physical world to help you recognize and understand concepts more quickly.

csu sacramento physical therapy: Physical Therapies in Sport and Exercise Gregory Kolt, Lynn Snyder-Mackler, 2007-08-22 Physical Therapies in Sport and Exercise provides a truly comprehensive source of the latest evidence-based approaches to the assessment, management, rehabilitation and prevention of injuries related to sport and exercise. Written by an international, multidisciplinary team of contributors, all of whom are leaders in their fields, it has been expertly compiled and edited by two experienced and well-respected practitioners from Australia/New Zealand and the USA. Fully referenced and research based International team of experts are contributors Applied/practical approach Changes in this second edition (from the first edition) include: A new chapter on Cartilage. A new chapter on Prevention of Injury. A new chapter on Rehabilitation of lower limb muscle and tendon injuries. Additional authors (total = over 60 chapter contributors compared with 48 in first edition). Authors are world leading experts in their fields. Authors from 10 countries (8 in the first edition)

csu sacramento physical therapy: O'Sullivan & Schmitz's Physical Rehabilitation George Fulk, Kevin Chui, 2024-03-22 Select the most appropriate evaluation procedures Develop patient goals

Implement your plan of care This book is every Physical Therapy Student's Bible. "If...you purchase this book during your first semester of PT school, it will help you immensely! Don't wait until Neuro PT to purchase this book. Use this book as a guide for every PT class from Integumentary to Pediatrics to Neuroanatomy!"—Online Reviewer A must-have for all PT's, PTA's and PT/PTA students... "Basically Wikipedia for physical therapy only has a lot more specific information pertaining to client/patient care and doesn't require a computer."—Alex N., Online Reviewer Five Stars. "This book is very comprehensive and contains almost everything you need to know for the NPTE exam."—Laura M., Online Reviewer Rely on this comprehensive, curriculum-spanning text and reference now and throughout your career! You'll find everything you need to know about the rehabilitation management of adult patients... from integrating basic surgical, medical, and therapeutic interventions to how to select the most appropriate evaluation procedures, develop rehabilitation goals, and implement a treatment plan.

csu sacramento physical therapy: Issues in Structural and Materials Engineering: 2013 Edition, 2013-05-01 Issues in Structural and Materials Engineering: 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Computer Engineering. The editors have built Issues in Structural and Materials Engineering: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Computer Engineering in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Structural and Materials Engineering: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

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