Clemente’s Anatomy Dissector—Carmine D. Clemente 2010- A comprehensive manual of anatomical dissection, this title provides in-depth and detailed explanations for each dissection, enabling students to self-teach. It correlates surface anatomy to anatomical structures revealed in the dissections, which is important for clinical correlation.

Spinal Cord Injuries - E-Book—Sue Ann Sisto 2008-01-31 This book is a comprehensive survival guide for spinal cord injury patients and their families. It provides the latest research and information on rehabilitation, self-care, and community resources.

Physical Therapy Effectiveness—Mario Bernardi-Filho 2020-04-01 This book focuses on physical therapy interventions and their effectiveness in the management of various clinical conditions.

Cognitive and Perceptual Rehabilitation—Glen Gilson 2004-02-29 This book is a comprehensive resource on cognitive and perceptual rehabilitation, emphasizing the importance of evidence-based practice.


This comprehensive resource is designed to equip both physical therapists and clinical neurologists with the latest evidence-based approaches for assessment and treatment of neuromuscular conditions. It covers a wide range of topics, from the basic principles of neuroplasticity and neurorehabilitation to the most advanced techniques for managing complex neurological conditions. The book is structured to facilitate learning and application, with each chapter building upon the previous one to provide a comprehensive understanding of the field.

The book is an essential resource for physical therapists, neurologists, and anyone involved in the care of patients with neurological conditions. It is also a valuable tool for students, researchers, and professionals looking to expand their knowledge and skills in this rapidly evolving area.

This interactive textbook is designed to provide you with the tools you need to choose the best assessment for each patient. An entire chapter on Application of Concepts features five case studies, each with its own set of challenges and learning objectives. These case studies are designed to help you apply the theories and principles from the book to real-world situations. HANDY learning aids including Key Terms, Learning Objectives, and Review Questions help you remember important information.

Interprofessional Rehabilitation—Sarah G. Dean 2012-05-01 Interprofessional Rehabilitation: A Person-Centred Approach is a comprehensive guide for physical therapists, occupational therapists, and speech-language pathologists. It emphasizes the importance of collaboration and integration between professionals to provide the best care for patients.
Enormous Learning in Neuropsychological Rehabilitation—Catherine Hasian 2018-01-02 Enormous learning is one of the most studied principles in neurorehabilitation. This is the first volume to capture all the key elements in the field in one invaluable resource, providing an up-to-date and broad analysis of the use of enormous learning principles in rehabilitation after brain injury. With contributions from key researchers in the field, Enormous Learning in Neuropsychological Rehabilitation covers the historical foundations of enormous learning, current understanding of underlying mechanisms which support learning and its use in memory and language in rehabilitation as applied to particular populations across the age span. This volume also addresses questions of efficacy through analysis of research comparing enormous learning with other established learning methods and principles. Enormous Learning in Neuropsychological Rehabilitation is an essential resource for practitioners, researchers and students of psychology, neuropsychology and rehabilitation.

Research in Physical Therapy—Christopher E. Burk 1993

Enabling America—Institute of Medicine 1997-11-24 The most recent high-profile advocate for Americans with disabilities, author Christopher Reeve, has highlighted for the public the economic and social costs of disability and the importance of rehabilitation. Enabling America is a major analysis of the field of rehabilitation science and engineering. The book explains how to achieve recognition for this existing field of study, how to set priorities, and how to improve the organization and administration of the numerous federal research programs in this area. The committee introduces the "enabling/disability process" model, which encompasses the concepts of disability and rehabilitation, and reviews what is known and what research priorities are emerging in the areas of: Pathology and impairment, including differences between children and adults. Functional limitations—in a person's ability to eat or walk, for example. Disability as the interaction between a person's pathologies, impairments, and functional limitations and the surrounding physical and social environments. This landmark volume will be of special interest to anyone involved in rehabilitation science and engineering: federal policymakers, rehabilitation practitioners and administrators, researchers, and advocates for persons with disabilities.

Enormous Learning in Neuropsychological Rehabilitation

Enormous Learning in Neuropsychological Rehabilitation gives an introduction and overview of all areas of rehabilitation robotics, perfect for anyone new to the field. It also summarizes available robot technologies and their application to different pathologies for skilled researchers and clinicians. The editors have been involved in the development and application of robotic devices for neurorehabilitation for more than 15 years. This experience using several commercial devices for robotic rehabilitation has enabled them to develop the know-how and expertise necessary to guide those seeking comprehensive understanding of this topic. Each chapter is written by an expert in the respective field, panning in perspectives from both engineers and clinicians to present a multi-disciplinary view. The book targets the implementation of efficient robot strategies to facilitate the re-acquisition of motor skills. This technology incorporates the outcomes of behavioral studies on motor learning and its neural correlates into the design, implementation and validation of robot agents that behave as ‘optimal’ trainers, efficiently exploiting the structure and plasticity of the human sensorimotor systems. In this context, human-robot interaction plays a paramount role, at both the physical and cognitive level, toward achieving a symbiotic interaction where the human body and the robot can benefit from each other’s dynamics. Provides a comprehensive review of recent developments in the area of rehabilitation robotics. Includes information on both therapeutic and assistive robots for the state-of-the-art and representative advancements in the design, control, analysis, implementation and validation of rehabilitation robotic systems.

The Sports Rehabilitation Therapists’ Guidebook—Konstantinos Papadopoulos 2021-07-01 The Sports Rehabilitation Therapists’ Guidebook is a well-equipped, comprehensive, practical, evidence-based guide that seeks to assist both students and graduate sport practitioners. The book is designed to be a quick-reference book on injury assessment and treatment planning, giving instant access to figures and case scenarios. It introduces evidence-based practice in all principal areas of sport rehabilitation such as anatomy, musculoskeletal assessment, pitch-side care, injury treatment modalities and exercise rehabilitation principles and related areas, and is designed to be more flexible than the usual single-focus books. It is written by a team of expert contributors offering a systematic perspective on core concepts. The book can be used as a guide in each stage of the sport rehabilitation process and it is an asset for sport clinical practitioners such as sport rehabilitators, sport therapists, personal trainers, strength and conditioning coaches, as well as for students on these and related courses in their daily practice on core clinical placements such as a clinic/sporting environment, pitch side and university.

Willard & Williams’ Occupational Therapy—Barbara Schell 2018-09-04 Celebrating 100 years of the Occupational Therapy profession, this Centennial Edition of Willard & Williams’ Occupational Therapy continues to live up to its well-earned reputation as the foundational book that welcomes students into their newly chosen profession. Now fully updated to reflect current practice, the 13th Edition remains the must-have resource that students that will use throughout their entire OT program, from class to fieldwork and throughout their careers. One of the top texts informing the NBOT® certification exam, it is a must have for new practitioners.

Psychiatric Rehabilitation—Norm M. Barnett 2006-10-06 Psychiatric rehabilitation refers to community treatment of people with mental disorders. Community treatment has recently become far more widespread due to deinstitutionalization at government facilities. This book is an update of the first edition’s discussion of types of mental disorders, including etiology, symptoms, course, and outcome, types of community treatment programs, case management strategies, and vocational and educational rehabilitation. Providing a comprehensive overview of this rapidly growing field, this book is suitable both as a textbook for undergraduates and graduate courses, a training tool for mental health workers, and a reference for academic researchers studying mental health. The book is written in an easy to read, engaging style. Each chapter contains highlighted and defined key terms, focus questions and key topics, a case study example, special sections on controversial issues of treatment or ethics, and other special features. *New chapters on supported education and integrated dual diagnosis treatment services. *Comprehensive overview of all models and approaches of psychiatric rehabilitation *Special inserts on Evidence-Based Practices *New content on Wellness and Recovery *Class exercises for each chapter *Profiles of leaders in the field *Case study examples illustrate chapter points.

Rehabilitation Robotics—Roberto Colombi 2018-03-03 Rehabilitation Robotics gives an introduction and overview of all areas of rehabilitation robotics, perfect for anyone new to the field. It also summarizes available robot technologies and their application to different pathologies for skilled researchers and clinicians. The editors have been involved in the development and application of robotic devices for neurorehabilitation for more than 15 years. This experience using several commercial devices for robotic rehabilitation has enabled them to develop the know-how and expertise necessary to guide those seeking comprehensive understanding of this topic. Each chapter is written by an expert in the respective field, panning in perspectives from both engineers and clinicians to present a multi-disciplinary view. The book targets the implementation of efficient robot strategies to facilitate the re-acquisition of motor skills. This technology incorporates the outcomes of behavioral studies on motor learning and its neural correlates into the design, implementation and validation of robot agents that behave as ‘optimal’ trainers, efficiently exploiting the structure and plasticity of the human sensorimotor systems. In this context, human-robot interaction plays a paramount role, at both the physical and cognitive level, toward achieving a symbiotic interaction where the human body and the robot can benefit from each other’s dynamics. Provides a comprehensive review of recent developments in the area of rehabilitation robotics. Includes information on both therapeutic and assistive robots for the state-of-the-art and representative advancements in the design, control, analysis, implementation and validation of rehabilitation robotic systems.