

# Cognitive And Perceptual Rehabilitation Optimizing Function 1e

The content of Human Performance Optimization is unique in terms of the focus, breadth, and scope of the individual chapter contributions. Moreover, this book was developed in response to a pressing need, first directed by the Chief of Staff of the Army, to examine current and future developments in behavioral, cognitive, and social neuroscience that may allow organizations to enhance individual worker and team performance. This volume captures a wide range of approaches, both with an eye to describing state of the art knowledge, and projecting what may become applicable in the near future. The variety of social, technological, and scientific issues make this book indispensable in our time. Organizations of all sorts, but especially those who operate in "in extremis" or high-stakes settings, are seeking to improve the performance of their workers. The chapters' breadth and accessibility will allow strategic leaders of organizations to evaluate breaking news in HPO, and will also serve as an up-to-date review of the field for scientists involved in human performance research. Cognitive and Perceptual Rehabilitation Optimizing Function Elsevier Health Sciences

Contains chapters such as working in pediatric coma rehabilitation, using the planning, attention, sequential, simultaneous theory of neuropsychological processes, and additions on ADHD.

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Preparing for the Occupational Therapy National Board Exam: 45 Days and Counting, Second Edition is a comprehensive overview for occupational therapist students preparing to take the National Board for Certification in Occupational Therapy (NBCOT) OTR exam. It utilizes a well-received health and wellness focus and includes tips and self-assessment forms to develop effective study habits. Unlike other OTR examination review guides, this text chooses to provide a more structured and holistic approach, including a detailed calendar and plan of study for the 45 days leading up to the exam.

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. Neurovascular diseases and conditions, and their associated risk factors, represent a significant cause of cognitive disability in the United States and throughout the world. In the USA alone there are 750,000 new strokes each year, representing the number one cause of disability in the country. Hypertension, found in approximately 50 million Americans, has been shown to be associated with alterations of cognitive function, even

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in the absence of stroke and dementia. Recent studies of neurovascular disease have now revealed that neuropsychological function may be a more sensitive measure of brain integrity than coordination, motor or sensory function and correlates well with functional outcome measures. Neurovascular Neuropsychology focuses on focal and diffuse neurovascular disease in addition to systemic conditions in which cognition and behavior have been uniquely associated with different pathologic states. With an increasing number of patients being treated by healthcare professionals, Neurovascular Neuropsychology will prove to be a strong reference to consult in regards to neuropsychological syndromes.

"MS is always in the back of your mind. If there is something you want to do, you always wonder if the MS will allow you do to it." —Darlene, living with MS for 22 years

Living with multiple sclerosis (MS) is challenging and multidimensional. MS pervades all aspects of life: one's body becomes unpredictable and unreliable, one's identity and sense of self are tested, and relationships with others often change. MS symptoms emerge and remit; limitations evolve and progress. MS rehabilitation is an active, person-centered, and goal-oriented process embedded within a respectful and collaborative partnership between the person with MS and the members of his or her rehabilitation treatment team. Using the International Classification of Functioning, Disability and Health (ICF) as a guiding framework, *Multiple Sclerosis Rehabilitation: From Impairment to Participation* provides a comprehensive and evidence-based resource to inform and guide clinical

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reasoning and decision making during each phase of the MS rehabilitation process, from initial referral to post-discharge follow-up. With an emphasis on the application of evidence throughout the entire MS rehabilitation process, the specific objectives of the book are to increase the understanding of: The nature and impact of specific impairments, activity limitations, and participation restrictions experienced by people with MS How to select and use valid, reliable, and relevant assessment tools to inform the development of rehabilitation goals and intervention plans, and to evaluate outcomes This book provides information about the nature and impact of MS on the daily lives of people living with the disease, describes evidence-based assessment processes and instruments, and summarizes current knowledge that can inform goal setting and intervention planning. Thoughtful application of the knowledge contained in this book will inform and guide rehabilitation providers to work collaboratively with people with MS and enable them to achieve their goals for participation in everyday life.

Pocket-sized and portable, the Manual of Traumatic Brain Injury Management provides relevant clinical information in a succinct, readily accessible format. Expert authors drawn from the fields of rehabilitation medicine, neurology, neurosurgery, neurophysiology, physical and occupational therapy, and related areas cover the range of TBI, from concussion to severe injury. Organized to be consistent with the way TBI is managed, the book is divided into six sections and flows from initial injury through community living post-TBI, allowing clinicians to key in on specific topics quickly. Manual of Traumatic Brain Injury Management delivers the

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information you need to successfully manage the full spectrum of issues, medical complications, sequelae, and rehabilitation needs of patients who have sustained any level of brain injury. Features of Manual of Traumatic Brain Injury Management Include: Concise yet comprehensive: covers all aspects of TBI and its management A clinically-oriented, practical "how-to" manual, designed for rapid access to key information Organized to be consistent with the way TBI is managed Includes dedicated chapters on TBI in athletes and in military personnel. Internationally known contributors drawn from the leading TBI programs provide expert information Preparing for the Occupational Therapy Assistant Board Exam: 45 Days and Counting provides a comprehensive overview for occupational therapy assistant students preparing to take the Certified Occupational Therapy Assistant (COTA) exam. Each new print copy includes Navigate 2 Preferred Access that unlocks a complete eBook, Study Center, Homework and Assessment Center, Navigate 2 TestPrep with over 500 practice questions.

Neuropsychology for Occupational Therapists is a bestselling, comprehensive guide to the assessment and rehabilitation of impaired cognitive function and brain damage. Divided into two parts, the first introduces the fundamental role cognition has in occupational performance, before moving on to examine the theoretical frameworks behind cognitive rehabilitation. The second part covers the key components of each cognitive function, including attention, visual perception, movement, memory, and executive functions, and the disorders associated with them. Revised throughout, this invaluable new edition includes: Updated theory and evidence base of neuropsychology Frameworks and guidelines for assessment and intervention in practice Updated content on attention, memory and executive functions A new chapter on cognitive function in later years,

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and working with people to maintain cognitive health. Written in a clear and engaging style by an experienced author team of academic occupational therapists, with contributions from expert practising clinicians, it is full of a range of learning features, including case studies, summaries, and reflective activities, as well as for the first time narratives of the lived experience of cognitive impairment. Neuropsychology for Occupational Therapists is essential reading for students, newly qualified practitioners, and all those who work within neuropsychology and cognitive rehabilitation.

Willard and Spackman's Occupational Therapy, Twelfth Edition, continues in the tradition of excellent coverage of critical concepts and practices that have long made this text the leading resource for Occupational Therapy students. Students using this text will learn how to apply client-centered, occupational, evidence based approach across the full spectrum of practice settings. Peppared with first-person narratives, which offer a unique perspective on the lives of those living with disease, this new edition has been fully updated with a visually enticing full color design, and even more photos and illustrations. Vital pedagogical features, including case studies, Practice Dilemmas, and Provocative questions, help position students in the real-world of occupational therapy practice to help prepare them to react appropriately.

The Manual provides an excellent road map to the many topics relevant in the diagnosis, treatment, and long-term management of individuals with TBI. As such, the book can serve either as a fine introduction for the uninitiated or as a valued reference for seasoned clinicians. I highly recommend [it]... Journal of Head Trauma Rehabilitation This is a stellar quality book that will be beneficial for every member of the multidisciplinary team that is required to treat patients with TBI. It offers a concise but broad and informative view of the

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disorder, and can serve as an easy-to-read and access primary text. 4 Stars! Doody's Reviews Now completely revised and updated, Manual of Traumatic Brain Injury: Assessment and Management, Second Edition is a comprehensive evidence-based guide to brain injury diagnosis, treatment, and recovery, delivered in a succinct format designed for targeted access to essential content. This concise text, featuring internationally known contributors drawn from leading TBI programs, is organized into five sections. Part 1 discusses fundamental concepts needed to provide a context for clinical decision-making. Part 2 covers mild TBI, from natural history to sports-related concussion, post-concussion syndrome, and more. Part 3 focuses on moderate to severe TBI and contains chapters on pre-hospital, emergency and ICU care, rehabilitation, community reintegration, management of associated impairments, and post-injury outcomes. Part 4 covers the complications and long-term sequelae that may arise in patients with TBI, including spasticity, movement disorders, posttraumatic seizures, hydrocephalus, behavioral and sleep disturbances, and chronic traumatic encephalopathy (CTE). Part 5 focuses on special considerations and resources, including issues specific to selected populations or injury environments (military, pediatric, workers compensation and older patients), as well as return to work and medico-legal issues in TBI. Comprehensively updated to reflect the current state of the art in this rapidly evolving field, this book is a must-have for neurologists, physiatrists, primary care physicians, mental health professionals, social workers, and other healthcare providers who treat TBI patients. New to the Second Edition: "Key Points" section in each chapter crystallizes important clinical pearls New chapters cover anoxia complicating TBI, screening for emotional distress in TBI patients, management of chronic behavioral disturbances, and assistive technology

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Every chapter has been updated to reflect current evidence-based practice

Now in its fifth edition, the internationally acclaimed *Foundations for Practice in Occupational Therapy* continues to provide a practical reference tool which is both an indispensable guide to undergraduates and a practical reference tool for clinicians in the application of models and theories to practice. Underlining the importance and clinical relevance of theory to practice, the text provides an excellent introduction to the theoretical basis of occupational therapy. Contributions are given by both academics and expert clinicians. All chapters have been revised and updated, new ones have been written and some pre-existing chapters have new authors. A refined structure uses highlight boxes to indicate the key themes and issues of each chapter and useful reflective questions to help the reader review the issues raised in the chapter. Discusses evidence-based practices and established theories but also includes contemporary developments

Range of expert contributors provide an international perspective of practice

Case studies highlighting the application of theory to practice

Details of the latest developments and debates in the field

2 chapters on the PEOP model and community-based rehabilitation

Highlight boxes throughout indicating key themes/issues

Reflective questions at the end of each chapter

This book presents scientific wellness interventions to aid healthcare professionals helping people complete their journeys to full health.

Learn to confidently manage the growing number of stroke rehabilitation clients with *Gillen's Stroke Rehabilitation: A Function-Based Approach*, 4th Edition. Using a holistic and multidisciplinary approach, this text remains the only comprehensive, evidence-based stroke

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rehabilitation resource for occupational therapists. The new edition has been extensively updated with the latest information, along with more evidence-based research added to every chapter. As with previous editions, this comprehensive reference uses an application-based method that integrates background medical information, samples of functionally based evaluations, and current treatment techniques and intervention strategies. Evidence-based clinical trials and outcome studies clearly outline the basis for stroke interventions. UNIQUE! Survivor's Perspectives help readers understand the stroke rehabilitation process from the client's point-of-view. UNIQUE! Case studies challenge readers to apply rehabilitation concepts to realistic scenarios. UNIQUE! A multidisciplinary approach highlights discipline-specific distinctions in stroke rehabilitation among occupation and physical therapists, physicians, and speech-language pathologists. Review questions in each chapter help readers assess their understanding of rehabilitation concepts. Key terms and chapter objectives at the beginning of each chapter help readers study more efficiently. Three new chapters broaden your understanding of stroke intervention in the areas of Using Technology to Improve Limb Function, Managing Speech and Language Deficits after Stroke, and Parenting after Stroke. Learning activities and interactive references on a companion Evolve Resources website help you review textbook content and locate additional information.

The only physical rehabilitation text modeled after the concepts of the APTA's Guide to Physical Therapist

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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.

Master the role and skills of the OTA in caring for adults with physical disabilities! Early's Physical Dysfunction Practice Skills for the Occupational Therapy Assistant, 4th Edition is the only textbook on the rehabilitation process written specifically for OTA students and practitioners. It takes a client-centered approach, following the latest Occupational Therapy Practice Framework in addressing topics such as assessment, intervention principles, and clinical applications. New to

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this edition is an Intervention Principles for Feeding and Eating chapter plus the latest advances in OT technology. From a team of expert contributors led by Mary Elizabeth Patnaude, this book shows how you can succeed in the OTA role and help clients learn to perform functional tasks. Coverage of advances in OT assessment and intervention includes prosthetics and assistive technologies, along with the assessment and interventions of TBI (traumatic brain injury) problems related to cognitive and visual perception. Case studies offer snapshots of real-life situations and solutions, with many cases threaded through an entire chapter. Client-centered approach shows how to include the client when making decisions about planning and treatment, using the terminology and abbreviations from the Occupational Therapy Practice Framework. Evidence-based content includes clinical trials and outcome studies, especially those relating to intervention. Cultural diversity and cultural sensitivity information helps you understand the beliefs and customs of other cultures so you can provide appropriate care. Information on prevention addresses safety and the prevention of accidents and injury. Key terms, chapter outlines, and chapter objectives introduce the essential information in each chapter. Reading guide questions and summaries in each chapter make it easier to measure your comprehension of the material. NEW! Intervention Principles for Feeding and Eating chapter is added to this edition. NEW! Reorganization of all chapters aligns content more closely with the Occupational Therapy Practice Framework. NEW! Combined chapters make the material more concise and

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easier to navigate.

This authoritative reference examines in depth the myriad challenges facing pediatric cancer survivors and proposes a robust framework for structured follow-up of these patients through adulthood. Approaches to long-term follow-up include both established models of care and targeted models of lifelong surveillance of late effects by bodily systems and neurological outcomes. Sections devoted to quality of life and re-entry after treatment focus on key concerns such as health risk behaviors, school and career issues, psychological challenges, and care disparities. And a robust resources section adds extra usefulness to the expert coverage. Among the Handbook's topics:

- Developmental considerations in the transition from child and adolescent to adult survivorship.
- Long-term follow-up roadmaps by disease and treatment.
- Neuropsychological effects of pediatric brain tumors and associated treatment.
- Building resiliency in childhood cancer survivors: a clinician's perspective.
- School issues and educational strategies for survivors of childhood cancer.
- Educating and preparing the childhood cancer survivor for long-term care: a curriculum model for cancer centers.

A work of rare scope, scholarship, and clinical acumen, the Handbook of Long-Term Care of the Childhood Cancer Survivor is a rewarding, practice-building resource essential to a wide range of healing professionals, including primary care physicians, pediatricians, oncologists, nurses, psychologists, neuropsychologists, child psychologists, and licensed therapists.

An all-in-one resource covering the basics of point-of-

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care assessment and intervention, Mosby's Field Guide to Occupational Therapy for Physical Dysfunction helps you master the skills you need to become competent in occupational therapy (OT) or as an occupational therapy assistant (OTA). It is ideal for use as a clinical companion to Mosby's bestselling texts, Pedretti's Occupational Therapy: Practice Skills for Physical Dysfunction and Physical Dysfunction Practice Skills for the Occupational Therapist Assistant. Expert information covers anatomy, assessment tools, screening tools, and more, and is provided in a compact format that's easy to use on the go. A quick-reference format uses illustrations, charts, and tables to organize key data. Logical, easy-to-find sections are organized and based on the OT Framework covering evaluation, intervention, intervention plan, and service management, making it easy to find essential facts, procedures, and applications. UNIQUE! Expert Advice tips and Pearls provide helpful pediatric and geriatric information that can be applied in the clinical setting. Basic guidelines refer back to leading textbooks, Pedretti's Occupational Therapy and Physical Dysfunction Practice Skills for the Occupational Therapist Assistant, for more detailed information. Coverage of all patient populations includes adult, pediatric, mental health, and neurological conditions. Convenient index makes it easy to locate tools you need to evaluate or treat a specific region or area. Pocket size and lay-flat binding provide convenience and portability for easy reference. Dr. Mike Dow is a best-selling author, psychotherapist, and relationship expert. So why is he writing a book

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about stroke? Well, what you probably don't know about Dr. Mike is that his younger brother, David, is a stroke survivor. What's more, David's stroke happened when he was only 10 years old. This means most of Dr. Mike's teenage years were spent witnessing what his family was dealing with trying to find the best treatments for David. He struggled to know what to do to help his brother. He watched helplessly as his brother wrestled with depression, trying to find the motivation to recover on top of the challenges of adolescence. He mourned the loss of what could have been-and he was angry. How his family would have loved to sit down with top experts in stroke treatment to find out what they should be doing and have their questions answered. Now Dr. Mike has the ability to do just that, and he's doing it so that others in his family's position don't have the same struggle. Armed with questions from stroke survivors and their loved ones, Dr. Mike talks with the best clinicians to get over 100 answers you need to know to maximize your recovery.

Reflecting current practice with a renewed focus on function-based assessments and evidence-based interventions, *Cognitive and Perceptual Rehabilitation: Optimizing Function* includes all of the tools you need to make a positive impact on your patients' lives. This clinical resource summarizes, highlights, and constructively critiques the state of cognitive and perceptual rehabilitation. This text helps you enhance your patients' quality of life by promoting improved performance of necessary and meaningful activities, and decreasing participation restrictions. Evidence-based

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intervention tables focus on improving daily function through proven methods. Summary tables highlight each assessment's clinical utility and psychometric properties 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 discussing background data and medical record review, evaluation findings, assessments, long-term goals, short-term goals, and interventions/functional activities 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.

Rely on the guide that has helped thousands of students pass their exams with exactly the practice they need. The 4th Edition mirrors the latest NBCOT exam blueprint and the question formats—multiple-choice and simulation at the difficulty level and in the decision-making style of the actual exam. More than 1,000 questions in five practice exams help you identify your strengths and weaknesses while you improve your test-taking performance.

The go-to text/reference for class, clinical, and practice! A who's who of experts and educators brings you practical, in-depth coverage of the most common adult conditions and the corresponding evidence-based occupational therapy interventions. Written for OTAs to meet their unique needs, this approach combines theory with the practical, evidence-based functional content that develops the

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critical-thinking and clinical-reasoning skills that are the foundation for professional, knowledgeable, creative, and competent practice.

It is particularly gratifying to prepare a second edition of a book, because there is the necessary implication that the first edition was well received.

Moreover, now an opportunity is provided to correct the problems or limitations that existed in the first edition as well as to address recent developments in the field. Thus, we are grateful to our friends, colleagues, and students, as well as to the reviewers who have expressed their approval of the first edition and who have given us valuable input on how the revision could best be structured. Perhaps the first thing that the reader will notice about the second edition is that it is more extensive than the first. The volume currently has 41 chapters, in contrast to the 31 chapters that comprised the earlier version.

Chapters 3, 9, 29, and 30 of the first edition either have been dropped or were combined, whereas 14 new chapters have been added. In effect, we are gratified in being able to reflect the continued growth of behavior therapy in the 1980s. Behavior therapists have addressed an ever-increasing number of disorders and behavioral dysfunctions in an increasing range of populations. The most notable advances are taking place in such areas as cognitive approaches, geriatrics, and behavioral medicine, and also in the treatment of childhood disorders.

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This report examines the evidence for effectiveness of rehabilitation methods at various phases in the course of recovery from traumatic brain injury in adults. Specifically, it addresses five questions about the effectiveness of: (1) early rehabilitation in the acute care setting, (2) intensity of acute inpatient rehabilitation, (3) cognitive rehabilitation, (4) supported employment, & (5) care coordination (case management). Abstracts of eligible articles were chosen through broad inclusion criteria. Also includes references; list of abbreviations; evidence tables; & extensive appendices. 12 charts & tables. Janet Carr and Roberta Shepherd head up a new team of eminent authors for the second edition of this definitive text on neurological physiotherapy. In the first edition, the authors described a model of neurological rehabilitation for individuals with motor dysfunction based on scientific research in the areas of neuromuscular control, biomechanics, motor skill learning, and the link between cognition and action, together with developments in pathology and adaptation. The new edition continues to advance this model while identifying and incorporating the many advances that have occurred in the last decade in the understanding and treatment of adults with neurological conditions, whether caused by accident or disease. The training guidelines outlined are based on biomechanical constructs and motor relearning research, applied to enhance brain

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reorganization and muscle contractility, and encourage functional recovery of the patient. It connects science and clinical practice enabling students and practitioners to develop their knowledge and use new clinical methods based on modern scientific understanding.

Vydejte se na svou cestu za uzdravením. Není nic, co by vás mohlo zastavit. Když David Dow prodělal masivní mozkovou mrtvici, bylo mu pouhých deset let. Lékaři nevěřili, že by už někdy mohl chodit. Dnes však David nejenom chodí, ale navíc žije aktivní, nezávislý život. Řídí auto, má vztah, cestuje. Pokud jste vy, nebo někdo, kdo je vám blízký, prodělali cévní mozkovou příhodu, jste možná frustrovaní, zmatení a osamělí. Tato kniha vám nabízí nejenom rady, tipy a informace od předních expertů, ale i novou naději.

Support the very best health, well-being, and quality of life for older adults! Here's the ideal resource for rehabilitation professionals who are working with or preparing to work with older adults! You'll find descriptions of the normal aging process, discussions of how health and social factors can impede your clients' ability to participate in regular activities, and step-by-step guidance on how to develop strategies for maximizing their well-being. This is a Pageburst digital textbook; Reflecting current practice with a renewed focus on function-based assessments and evidence-based interventions, Cognitive

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and Perceptual Rehabilitation: Optimizing Function includes all of the tools you need to make a positive impact on your patients' lives. This clinical resource summarizes, highlights, and constructively critiques the state of cognitive and perceptual rehabilitation. This text helps you enhance your patients' quality of life by promoting improved performance of necessary and meaningful activities, and decreasing participation restrictions. Evidence-based intervention tables focus on improving daily function through proven methods. Summary tables highlight each assessment's clinical utility and psychometric properties 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 discussing background data and medical record review, evaluation findings, assessments, long-term goals, short-term goals, and interventions/functional activities 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.

**NOTE: NO FURTHER DISCOUNT ON THIS PRODUCT TITLE --OVERSTOCK SALE --** Significantly reduced list price  
Traumatic brain injury (TBI) is a complex condition for which limited research exists. The recent conflicts in Iraq and Afghanistan have resulted in numerous service members returning home after sustaining TBI, and healthcare providers scrambling to find resources on how to treat them. This toolkit is a comprehensive source of inventories and therapy options for treating service members with mild TBI. All aspects of mild TBI are covered, including vestibular disorders, vision impairment, balance issues, posttraumatic headache, temporomandibular dysfunction, cognition, and fitness, among others. With easy-to-follow treatment options and evaluation instruments, this toolkit is a one-stop resource for

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clinicians and therapists working with patients with mild TBI. Rehabilitation professionals face a key challenge when working with clients with acquired cognitive impairments: how to teach new skills to individuals who have difficulty learning. Unique in its focus, this book presents evidence-based instructional methods specifically designed to help this population learn more efficiently. The expert authors show how to develop, implement, and evaluate an individualized training plan. They provide practical guidelines for teaching multistep procedures, cognitive strategies, the use of external aids, and more. User-friendly features include 17 sample worksheets and forms; blank forms can be downloaded and printed in a convenient 8 1/2" x 11" size.

Demographics reveal that the proportion of elderly individuals in the population is growing at a significant rate. Advances in medicine have allowed populations to live longer than ever; however, ensuring that these individuals have the tools necessary to sustain a productive and happy lifestyle as they age remains a concern. *Optimizing Assistive Technologies for Aging Populations* focuses on the development and improvement of devices intended to assist elderly individuals in coping with various physical limitations and disabilities. Highlighting the available tools and technologies for supporting the mobility, agility, and self-sufficiency of the aging population as well as the challenges associated with the integration of these technologies into the everyday lives of elderly individuals, this publication is ideally designed for reference use by healthcare workers, medical students, gerontologists, and IT developers in the field of medicine. The enormous human and economic toll of Alzheimer's Disease in societies in which more and more people are living into old age is well-recognized. Scientists and practitioners alike have been working to limit it. Their major focus has been patients in the later stages of the disease, when dementia is

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fully established. Yet patients in the early stages of cognitive decline, far more numerous, often still living independently with family members, present a bewildering variety of challenges. Bringing together leading authors with diverse expertise, this Handbook offers the first comprehensive overview of approaches to the management of early-stage issues. The authors summarize the important implications of the latest research in their own fields for: \* the recognition and formal diagnosis of cognitive problems; \* the assessment of specific difficulties in daily functioning; \* the formulation of a management plan integrating pharmacological, neuropsychological, behavioral, and cognitive strategies; and \* the facilitation and support of caregivers' efforts. All professionals involved in any way with the care of early Alzheimer's patients and their families will find this book an indispensable reference.

This issue of Physical Medicine and Rehabilitation Clinics, edited by Dr. David A. Soto-Quijano, will cover the Promotion of Health and Wellness in the Geriatric Patient. Topics discussed in the volume include, but are not limited to: Benefits of Exercise in the Older Population; Alternative Exercise Modalities and Its Effect in Older Populations; Neurocognitive Decline of the Elder Patient; Effects of Spirituality in the Quality of Life of the Elderly; Clinical Pharmacology and the Risks of Polypharmacy in the Geriatric Patient; The Competitive Senior Athlete; Rehabilitation Needs of the Elderly patient with Cancer; and Aging with Spinal Cord Injury, among others.

"This book provides an academically oriented and scientifically based description of how technological advances may have contributed to a wide range of mental health outcomes, covering the spectrum from problems and maladies to improved and expanded healthcare services"--

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