

# Awareness Of Deficit After Brain Injury

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Management of Adults With Traumatic Brain Injury - David B. Arciniegas  
2013-04-03

Traumatic brain injury (TBI) is a public health issue of worldwide proportions, affecting motorists, victims of interpersonal violence, athletes, military service members, and Veterans, among others. Management of Adults with Traumatic Brain Injury provides evidence-informed guidance on the core topics in brain injury medicine, including the epidemiology and pathophysiology of TBI, the medical evaluation and neuropsychological assessment of persons with TBI, and the common cognitive, emotional, behavioral, and other neurological disturbances for which persons with TBI and their families seek clinical care. The volume offers many useful features to its readers, including: Chapters written by an internationally known group of editors and contributors offering cutting-edge, multidisciplinary perspectives in brain injury medicine. Guidance on the identification and management of early and late postinjury neuropsychiatric disturbances as well as their psychological and psychosocial consequences. Identification of special issues relevant to the evaluation and treatment of TBI and postconcussive symptoms among military service members, and Veterans. Discussion of the ethics and methods of forensic assessment of persons with TBI. Key Clinical Points that highlight concepts, assessment issues, and clinical

management strategies in each chapter. A wealth of tables and figures to enhance the accessibility and clinical utility of the book, as well as appendices of additional readings and relevant websites for persons and families affected by TBI and the clinicians providing their care. Impressive breadth and depth of coverage, logical structure, clinically rich detail, and concise presentation make Management of Adults with Traumatic Brain Injury a must-read for every physician, nurse, and mental health practitioner working to improve the lives of persons with TBI.

**The Forensic Evaluation of Traumatic Brain Injury** - Gregory Murrey, Ph.D. 2007-11-08

Drawing on the expertise of several well-known figures in the medical, neuropsychological, and legal professions, Forensic Evaluation of Traumatic Brain Injury: A Handbook for Clinicians and Attorneys, Second Edition provides a concise, general overview of the forensic assessment process and the issues surrounding Traumatic Brain Injury (TBI). The book identifies key topics involved in forensic assessment, including definitions and select medical diagnostic terminology, and reviews the neurologic, neuropsychiatric, neuropsychological, and psychological assessment processes specific to brain injury cases. The second edition is updated and revised to include a new chapter on neuropsychiatric

evaluation as performed by a clinical or forensic neuropsychiatrist. It delineates the distinct differences between the forensic neurological and neuropsychiatric assessments, acknowledging the overlaps and defining the separate focus of each discipline. New information on forensic testimony and the forensic examiner as an expert witness covers the qualifications and credibility of the forensic expert and the admissibility of expert testimony in TBI cases. The handbook highlights the most recent court rulings and possible modification to the admissibility of forensic testimony. Also new to this edition is a chapter on neuropsychological rehabilitation issues after TBI. It outlines crucial information on treatments, services, and facilities that may be required temporarily or ongoing and thus have bearing during litigation and on the outcome of a traumatic brain injury case. *Forensic Evaluation of Traumatic Brain Injury: A Handbook for Clinicians and Attorneys, Second Edition* offers clinically useful and practical tables and reference pages that are indispensable for forensic examiners, expert witnesses, and legal professionals alike.

*Insight into Acquired Brain Injury* - Christine Durham 2017-08-04

This book offers an empowering approach to working with people with an acquired brain injury (ABI) based upon the views and perspectives of people with ABI themselves. Drawing upon Christine Durham's own ABI experience and Paul Ramcharan's engagement in disability research over a quarter of a century, this volume gives voice to 36 participants with ABI, as well as carers and other professionals from both urban and rural areas. This unique perspective provides a long-needed, empathic alternative to the deficit-based model of ABI that dominates medical literature and existing rehabilitation models. In *Insight into Acquired Brain Injury*, the authors use educational and learning principles together with Durham's extensive archive of experiential data to offer a reframing of the nature and experience of ABI and relevant a set of practical, real-world tools for practitioners. These ready-to-adopt-and-adapt scripts, guided interviews, research checklists, thinking tools and other innovative techniques are designed to engage with people and colleagues about brain injury as a means of supporting them to feel and

fare better. With compassion and first-hand awareness, *Insight into Acquired Brain Injury* provides a much-needed perspective that deepens current understanding and translates the complicated life-worlds of people living with ABI in order to motivate, empower and increase their participation.

***Awareness of Deficit after Brain Injury*** - George P. Prigatano  
1991-01-24

This volume provides, for the first time, multidisciplinary perspectives on the problem of awareness of deficits following brain injury. Such deficits may involve perception, attention, memory, language, or motor functions, and they can seriously disrupt an individual's ability to function. However, some brain-damaged patients are entirely unaware of the existence or severity of their deficits, even when they are easily noticed by others. In addressing these topics, contributors cover the entire range of neuropsychological syndromes in which problems with awareness of deficit are observed: hemiplegia and hemianopia, amnesia, aphasia, traumatic head injury, dementia, and others. On the clinical side, leading researchers delineate the implications of awareness of deficits for rehabilitation and patient management, and the role of defense mechanisms such as denial. Theoretical discussions focus on the importance of awareness disturbances for better understanding such cognitive processes as attention, consciousness, and monitoring.

*Traumatic Brain Injury* - Jennie Ponsford 2012

Research into the rehabilitation of individuals following Traumatic Brain Injury (TBI) in the past 15 years has resulted in greater understanding of the condition. The second edition of this book provides an updated guide for health professionals working with individuals recovering from TBI. Its uniquely clinical focus provides both comprehensive background information, and practical strategies for dealing with common problems with thinking, memory, communication, behaviour and emotional adjustment in both adults and children. The book addresses a wide range of challenges, from those which begin with impairment of consciousness, to those occurring for many years after injury, and presents strategies for maximising participation in all aspects of community life. The book

will be of use to practising clinicians, students in health disciplines relevant to neurorehabilitation, and also to the families of individuals with traumatic brain injury.

Traumatic Brain Injury - Jordan Grafman 2015-02-19

The Handbook of Clinical Neurology volumes on Traumatic Brain Injury (TBI) provide the reader with an updated review of emerging approaches to TBI research, clinical management and patient rehabilitation.

Chapters in Part II offer coverage of clinical sequelae and long-term outcome, brain plasticity and long-term risks, and clinical trials.

Contemporary investigations on blast injury and chronic traumatic encephalopathy are presented, making this state-of-the-art volume a must have for clinicians and researchers concerned with the clinical management, or investigation, of TBI. Internationally renowned scientists describe cutting edge research on the neurobiological response to traumatic brain injury, including complications to movement, mood, cognition and more Explores cellular/molecular and genetic factors contributing to plasticity Presents up-to-date expert recommendation for clinical trials and issues related to effective rehabilitation New findings are included on the long-term effects of traumatic brain injury that may impact aging and lead to dementia

The Behavioural and Emotional Complications of Traumatic Brain Injury - Simon F. Crowe 2012-09-10

It is difficult to imagine what it must be like for someone following the personal crisis and catastrophe that ensues as a result of a serious traumatic brain injury (TBI). The individual is confronted with a huge range of alterations in his or her normal functioning, operating at the biological, psychological and social levels. All of these changes are also occurring to an individual who has just had a near-death experience, culminating not too surprisingly in the reflections "Who am I?" and "Why am I here?" As a result, these individuals can develop a wide range of behavioural, emotional, and psychiatric conditions following the injury, including depression, bipolar disorder, secondary mania, psychotic states, posttraumatic stress disorder, obsessive-compulsive disorder, phobic disorders, and generalized anxiety disorders, to name a few. In

addition, these individuals can also be subject to a number of neuropsychiatric syndromes, including disorders of drive, disorders of impulse control, and disturbance of neurovegetative functioning. This book presents the current state of our knowledge of the behavioural and emotional effects that can occur as sequelae of TBI, and addresses issues associated with their differential diagnosis and the neurobiological mechanisms by which these might occur. The book will prove an excellent resource not only for clinicians who practice as psychiatrists, behavioural neurologists, clinical neuropsychologists and clinical psychologists, but also for psychologists in advanced training and for anyone who is involved in caring for or working with individuals with TBI.

*Brain Injury Medicine* - Nathan Zasler 2007

Covers the full continuum from early diagnosis and evaluation through rehabilitation, post-acute care, and community re-entry. Includes assessment and treatment, epidemiology, pathophysiology, neuroanatomy, neuroimaging, the neuroscientific basis for rehabilitation, ethical and medicolegal issues, life-care planning, and more.

*Cognitive and Perceptual Rehabilitation* - Glen Gillen 2008-04-29

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 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.

**The Forensic Evaluation of Traumatic Brain Injury** - Gregory Murrey, Ph.D. 2002-01-01

Few medical and legal professionals would have trouble locating a book on traumatic brain injury and forensic neuropsychology. But to locate a text on the forensic assessment process and clinical issues of TBI is akin to finding a needle in a haystack. Very few, if any, works exist on the subject. The Forensic Evaluation of Traumatic Brain Injury: A Handbook for Clinicians and Attorneys fills this void. It provides both the clinician involved in forensic examinations and the legal professional involved in litigation or legal proceedings of personal injury with a general overview of the legal issues and assessment process in TBI cases. The book begins with an overview of key issues involved in the forensic assessment of TBI, including definitions and medical diagnostic terminology of interest to the forensic examiner and legal professional. Subsequent chapters provide an overview of the neurologic, neuropsychological and psychological forensic assessment process specific to brain injury cases. The final portion of the book focuses on the forensic examiner as expert witness.

*Brain Neurotrauma* - Firas H. Kobeissy 2015-02-25

Every year, an estimated 1.7 million Americans sustain brain injury. Long-term disabilities impact nearly half of moderate brain injury survivors and nearly 50,000 of these cases result in death. *Brain Neurotrauma: Molecular, Neuropsychological, and Rehabilitation Aspects* provides a comprehensive and up-to-date account on the latest developments in the area of neurotrauma, including brain injury pathophysiology, biomarker research, experimental models of CNS injury, diagnostic methods, and neurotherapeutic interventions as well as neurorehabilitation strategies in the field of neurotrauma research. The book includes several sections on neurotrauma mechanisms, biomarker discovery, neurocognitive/neurobehavioral deficits, and

neurorehabilitation and treatment approaches. It also contains a section devoted to models of mild CNS injury, including blast and sport-related injuries. Over the last decade, the field of neurotrauma has witnessed significant advances, especially at the molecular, cellular, and behavioral levels. This progress is largely due to the introduction of novel techniques, as well as the development of new animal models of central nervous system (CNS) injury. This book, with its diverse coherent content, gives you insight into the diverse and heterogeneous aspects of CNS pathology and/or rehabilitation needs.

*Evaluation of the Disability Determination Process for Traumatic Brain Injury in Veterans* - National Academies of Sciences, Engineering, and Medicine 2019-05-20

The Veterans Benefits Administration (VBA) provides disability compensation to veterans with a service-connected injury, and to receive disability compensation from the Department of Veterans Affairs (VA), a veteran must submit a claim or have a claim submitted on his or her behalf. *Evaluation of the Disability Determination Process for Traumatic Brain Injury in Veterans* reviews the process by which the VA assesses impairments resulting from traumatic brain injury for purposes of awarding disability compensation. This report also provides recommendations for legislative or administrative action for improving the adjudication of veterans' claims seeking entitlement to compensation for all impairments arising from a traumatic brain injury.

**Sports, Health and Exercise Medicine** - Samuel Honório 2020-09-09

This book presents a diversity of themes written by authors related to sports medicine and health varying from clinical issues, such as sports injuries to specific neuropsychological aspects of the athletes' behaviour regulation and parathletes' motivation for sport practice. This comprehensive volume is very appealing, which will also be recognised by Sports and Health Professionals, who need further support in their daily work with athletes and coaches, in particular. It is also attractive to researchers and students interested in sport and health related areas.

*Textbook of Traumatic Brain Injury, Third Edition* - Jonathan M. Silver, M.D. 2018-12-05

*Alzheimer's Disease* - Ralph W. Richter 2003-10-10

Alzheimer's disease (AD) is a devastating and dehumanizing illness affecting increasingly large numbers of elderly and even middle-aged persons in a worldwide epidemic. *Alzheimer's Disease: A Physician's Guide to Practical Management* was written by selected clinicians and scientists who represent some of the world's leading centers of excellence in AD research. The editors are proud and grateful for their profound contributions. This book is particularly designed to assist physicians and other health-care professionals in the evaluation, assessment, and treatment of individuals with AD. At the same time, by illuminating the basic scientific background, we hope to provide state-of-the-art information about the disease and possible future therapeutic strategies. The recent psychiatric treatment aspects of AD are also clearly presented. Because the early diagnosis of the dementia process is now considered of increasing importance, we focus particularly in several chapters on early changes and preclinical conditions, such as mild cognitive impairment and predementia AD.

**Psychotherapy after Brain Injury** - Pamela S. Klonoff 2010-06-09

This book presents hands-on tools for addressing the multiple ways that brain injury can affect psychological functioning and well-being. The author is a leader in the field who translates her extensive clinical experience into clear-cut yet flexible guidelines that therapists can adapt for different challenges and settings. With a focus on facilitating awareness, coping, competence, adjustment, and community reintegration, the book features helpful case examples and reproducible handouts and forms. It shows how to weave together individual psychotherapy, cognitive retraining, group and family work, psychoeducation, and life skills training, and how to build and maintain a collaborative therapeutic relationship.

**Textbook of Traumatic Brain Injury** - Jonathan M. Silver 2018-12-13

Despite the increased public awareness of traumatic brain injury (TBI), the complexities of the neuropsychiatric, neuropsychological, neurological, and other physical consequences of TBI of all severities across the lifespan remain incompletely understood by patients, their

families, healthcare providers, and the media. Keeping pace with advances in the diagnosis, treatment, and science of TBI, the *Textbook of Traumatic Brain Injury, Third Edition*, comprehensively fills this gap in knowledge. Nearly all 50 chapters feature new authors, all of them experts in their field. Chapters new to this edition include biomechanical forces, biomarkers, neurodegenerative dementias, suicide, endocrine disorders, chronic disease management, and social cognition. An entirely new section is devoted to the evaluation and treatment of mild TBI, including injuries in athletes, military service members and veterans, and children and adolescents. These chapters join newly updated sections on the assessment and treatment of the cognitive, emotional, behavioral, and other physical sequelae of TBI. The *Textbook of Traumatic Brain Injury* is a must-read for all of those working in any of the multitude of disciplines that contribute to the care and rehabilitation of persons with brain injury. This new volume is also a potentially useful reference for policymakers in both the public and private sectors.

*Neurobehavioural Disability and Social Handicap Following Traumatic Brain Injury* - Tom M. McMillan 2013-11-12

Persisting neurobehavioural disability follows many forms of serious brain injury and acts as a major constraint on social independence. Rehabilitation services are often not organised in a way which addresses the needs of people with such disability, and relatively few professionals have experience in the clinical management of complex disability patterns which comprise the neurobehavioural syndrome. This book is a compilation of chapters, written by a group of clinicians with experience of post acute brain injury rehabilitation to ameliorate the social handicap experienced by a growing number of people who survive serious brain injury. The aim of the book is to describe the nature of neurobehavioural disability, how it translates into social handicap, and what can be done to address the problems generated by such handicap, through social and behavioural rehabilitation, vocational training, and family education. Consideration is also given to evaluating post-acute rehabilitation methods and selecting the most appropriate form of rehabilitation, both in terms of clinical and cost effectiveness. The book is aimed at clinical

psychologists, psychiatrists and neurologists working in brain injury rehabilitation, plus all the rehabilitation disciplines, and social workers. The book will also be of interest to relatives of brain injured people who are seeking a better knowledge base in order to understand neurobehavioural disability. Additionally, the book should be helpful to the growing number of therapy care assistants, case managers, and support workers, responsible for the day to day care of brain injured people in the community.

**The Brain Injury Rehabilitation Workbook** - Rachel Winson  
2017-01-13

Packed with practical tools and examples, this state-of-the-art workbook provides a holistic framework for supporting clients with acquired brain injury. Clinicians are guided to set and meet collaborative treatment goals based on a shared understanding of the strengths and needs of clients and their family members. Effective strategies are described for building skills and teaching compensatory strategies in such areas as attention, memory, executive functions, mood, and communication. Particular attention is given to facilitating the challenging process of identity change following a life-altering injury. In a large-size format for easy photocopying, the volume features 94 reproducible client handouts. Purchasers get access to a Web page where they can download and print the reproducible materials.

*Procedure for Assessing Awareness and Adjustment Following Brain Injury* - Kit Malia 2008

This manual gives clinicians and caregivers a procedure with practical tools for assessing changes in awareness and adjustment in adults with brain injury. Using a methodical approach with step by step instructions, users are guided through 23 steps with 24 worksheets for assessing intellectual awareness, emergent awareness and anticipatory awareness. Once the levels of awareness and adjustment have been assessed, information is used to set short and long term goals for six domains of cognitive, executive, communication, physical, emotional and other. Accompanying the 71 page manual is a CD with PDF forms for all worksheets and scoresheets.

*Neuropsychological Rehabilitation* - Barbara A. Wilson 2017-06-20  
E) Rehabilitation in mainland China -- f) Rehabilitation in Hong Kong -- g) Rehabilitation in Brazil -- h) Rehabilitation in Argentina -- i) Rehabilitation in South Africa -- j) Rehabilitation in Botswana -- SECTION SEVEN Evaluation and general conclusions -- 42 Outcome measures -- 43 Avoiding bias in evaluating rehabilitation -- 44 Challenges in the evaluation of neuropsychological rehabilitation effects -- 45 Summary and guidelines for neuropsychological rehabilitation -- Index  
Living with Brain Injury - Richard C. Senelick 2001

Science and medicine are never static. There are always new treatments, new pharmaceuticals and new insights being discovered, exciting frontiers that take us deeper into the brain, our bodies and the way we live. *Living with Brain Injury: The Second Edition* was written with this in mind: To help people living with brain injured survivors- both families and professionals alike- keep up with the newest information available including experimental rehabilitation research and the process of plasticity, experimental rehabilitation research and the process of rehabilitation itself. Inside, you will find the resources and strategies to better cope with a world where the one you love has changed seemingly before your eyes. There is hope-and it is here.

Neuropsychological Rehabilitation - Jose Leon-Carrion 1997-01-16  
This definitive work, the combined effort of 30 international contributors, provides in-depth discussion of neuropsychological rehabilitation, the consequences of brain injury, fundamentals of recovery, current rehabilitation models, and treatment. Remarkable in the depth of its content, this publication reveals the numerous changes that have occurred over the past decade and the new pathways open to treating TBI. Experts from the United States and Europe detail the consolidation of neuropsychological rehabilitation as an interdisciplinary field with strong clinical and applied roots. The material explores the foundations which support and direct treatment, and it combines those foundations with a vision of the current state of the most innovative methodologies (e.g., gene therapy, post-traumatic sleep disorder intervention, neural transplants).

**Rehabilitation for Traumatic Brain Injury** - Walter M. High Jr.  
2005-07-07

Rehabilitation For Traumatic Brain Injury (TBI) is a state-of-the-science review of the effectiveness of rehabilitation interventions. Leading experts conduct evidence-based reviews of specific areas of brain injury rehabilitation summarizing what is known in each area, critiquing the methodological problems of studies in the area, and then outlining new directions for research. The book begins with a review of the history of rehabilitation for TBI from World War I until the present. The second section of the book examines the rehabilitation of specific cognitive impairments in awareness, memory, executive functioning, communication, and emotion and behavior. The third section investigates special topics in rehabilitation of persons with TBI including substance abuse, interventions for caregivers, and vocational rehabilitation. The fourth section of the book covers rehabilitation with specific populations: children, older adults, and persons from diverse cultures. The final section examines topics in medical rehabilitation including treatment of spasticity, minimally conscious patients, and the contribution of neuroimaging to rehabilitation.

**Journal of Rehabilitation Research & Development** - 2007

Brain Injury Rehabilitation in Adults - 2013

**Translational Research in Traumatic Brain Injury** - Daniel Laskowitz  
2015-12-01

Traumatic brain injury (TBI) remains a significant source of death and permanent disability, contributing to nearly one-third of all injury related deaths in the United States and exacting a profound personal and economic toll. Despite the increased resources that have recently been brought to bear to improve our understanding of TBI, the development of new diagnostic and therapeutic approaches has been disappointingly slow. Translational Research in Traumatic Brain Injury attempts to integrate expertise from across specialties to address knowledge gaps in the field of TBI. Its chapters cover a wide scope of TBI research in five

broad areas: Epidemiology Pathophysiology Diagnosis Current treatment strategies and sequelae Future therapies Specific topics discussed include the societal impact of TBI in both the civilian and military populations, neurobiology and molecular mechanisms of axonal and neuronal injury, biomarkers of traumatic brain injury and their relationship to pathology, neuroplasticity after TBI, neuroprotective and neurorestorative therapy, advanced neuroimaging of mild TBI, neurocognitive and psychiatric symptoms following mild TBI, sports-related TBI, epilepsy and PTSD following TBI, and more. The book integrates the perspectives of experts across disciplines to assist in the translation of new ideas to clinical practice and ultimately to improve the care of the brain injured patient.

**International Handbook of Neuropsychological Rehabilitation** -  
Anne-Lise Christensen 2013-04-17

This volume provides comprehensive international coverage of neuropsychological rehabilitation. It contains scientific discussions of dynamic brain changes (genetics, structure, physiology and hormones) plasticity of the central nervous system, functional reorganization and brain repair in response to treatment in all stages, and emphasizes acute care of early and precise diagnostics. It is intended for clinicians, professionals and students in neuropsychology, health psychology, rehabilitation, behavioral neurology, occupational and physical therapy.

**Communication Disorders Following Traumatic Brain Injury** - Skye McDonald 2016-05-06

There are very few books available which are concerned with the unique communication problems that can come with traumatic brain injury (TBI). In recent years there has emerged a realisation that these difficulties in communication are closely tied to the cognitive, behavioural and social problems observed following traumatic brain injury. This is changing the way people with TBI are assessed and is generating new approaches to rehabilitation. This volume will be of interest to psychologists, speech pathologists and therapists and linguists. Clinicians and researchers working with people with traumatic brain injury, and their students, will find it a comprehensive source of

contemporary approaches to characterising the communication problems of people with TBI and for planning rehabilitation.

Neuropsychological Rehabilitation After Brain Injury - George P. Prigatano 1986

Behavioral Emergencies for the Emergency Physician - Leslie S. Zun  
2013-03-21

This comprehensive, go-to volume features cutting edge discussion of the emergency department management of mental health patients.

**Handbook on the Neuropsychology of Traumatic Brain Injury** - Mark Sherer 2014-05-17

This book collects and synthesizes the latest thinking on the condition in its variety of cognitive and behavioral presentations, matched by a variety of clinical responses. Acknowledging the continuum of injury and the multi-stage nature of recovery, expert contributors review salient research data and offer clinical guidelines for the neuropsychologist working with TBI patients, detailing key areas of impairment, brief and comprehensive assessment methods and proven rehabilitation strategies. Taken together, these chapters provide a framework for best serving a wide range of TBI patients (including children, elders, and patients in multidisciplinary settings) and model treatment that is evidence-based and relevant. A sample of the topics featured in the Handbook: Bedside evaluations in TBI. Outcome assessment in TBI. Collaborating with family caregivers in the rehabilitation of persons with TBI. Behavioral assessment of acute neurobehavioral syndromes to inform treatment. Pediatric TBI: assessment, outcomes, intervention. Special issues with mild TBI in veterans and active duty service members. Expanding professional knowledge on a topic that continues to grow in importance, the Handbook on the Neuropsychology of Traumatic Brain Injury is a premier resource, not only for neuropsychologists but also for other professionals in cognitive care, and trainees entering the field.

**Journal of Rehabilitation Research and Development** - 2007

**The Study of Anosognosia** - George P. Prigatano 2010-04-21

This edited book summarizes advances that have occurred in the study of anosognosia. It is comprehensive in its scope, and includes the insights of several experienced clinicians and researchers actively engaged in this line of research.

Principles of Neuropsychological Rehabilitation - George P. Prigatano 1999

This text describes principles for understanding and managing permanent neuropsychological impairment of brain-damaged adults. It also presents a new perspective on disorders of self-awareness and recovery as well as deterioration after brain injury, which have clear implications for neurorehabilitation.

Psychotherapy for Families after Brain Injury - Pamela S. Klonoff  
2014-04-18

Whether caused by illness, accident, or incident, brain injury requires multi-tiered resources for the patient and considerable external care and support. When recovery is sidelined by depression, anger, grief, or turmoil, family members and the support network have critical roles to play and need their own guidance and compassionate therapeutic interventions. Psychotherapy for Families after Brain Injury offers theoretical frameworks and eclectic techniques for working effectively with adult patients and their families at the initial, active and post-treatment phases of rehabilitation. This practical reference clarifies roles and relationships of the support network in interfacing with the loved one and addresses the understandably devastating and sometimes derailing emotions and psychosocial adversities. The content promotes psychoeducation and guided exercises, delineates "helpful hints" and coping tools and proffers multimedia resources to overcome hurdles. Constructs of awareness, acceptance and realism for all parties are woven throughout, along with ideas to enhance the support network's commitment, adjustment, positivity, hope and longevity. Case excerpts, instructive quotes from caregivers and nuggets of clinical advice assist in analyzing these and other topics in salient detail: The impact of brain injury on different family members. Treatment themes in early family sessions. Family therapy for moderate to severe brain injury, concussion



and postconcussion syndrome. Family therapy after organic brain injury: stroke, anoxia, tumor, seizure disorders. Family group treatment during active rehabilitation. End-of-life and existential considerations and positive aspects of care giving. Aftercare group therapy for long-term needs. The hands-on approach demonstrated in Psychotherapy for Families after Brain Injury will enhance the demanding work of a range of professionals, including neuropsychologists, clinical psychologists, rehabilitation psychologists, family therapists, marriage and family counselors, psychiatrists, behavioral/mental health counselors, clinical social workers, rehabilitation specialists such as speech-language pathologists, physical and occupational therapists, and graduate students in the helping professions.

**Sports-Related Concussions in Youth** - National Research Council  
2014-02-04

In the past decade, few subjects at the intersection of medicine and sports have generated as much public interest as sports-related concussions - especially among youth. Despite growing awareness of sports-related concussions and campaigns to educate athletes, coaches, physicians, and parents of young athletes about concussion recognition and management, confusion and controversy persist in many areas. Currently, diagnosis is based primarily on the symptoms reported by the individual rather than on objective diagnostic markers, and there is little empirical evidence for the optimal degree and duration of physical rest needed to promote recovery or the best timing and approach for returning to full physical activity. *Sports-Related Concussions in Youth: Improving the Science, Changing the Culture* reviews the science of sports-related concussions in youth from elementary school through young adulthood, as well as in military personnel and their dependents. This report recommends actions that can be taken by a range of audiences - including research funding agencies, legislatures, state and school superintendents and athletic directors, military organizations, and equipment manufacturers, as well as youth who participate in sports and their parents - to improve what is known about concussions and to reduce their occurrence. *Sports-Related Concussions in Youth* finds that

while some studies provide useful information, much remains unknown about the extent of concussions in youth; how to diagnose, manage, and prevent concussions; and the short- and long-term consequences of concussions as well as repetitive head impacts that do not result in concussion symptoms. The culture of sports negatively influences athletes' self-reporting of concussion symptoms and their adherence to return-to-play guidance. Athletes, their teammates, and, in some cases, coaches and parents may not fully appreciate the health threats posed by concussions. Similarly, military recruits are immersed in a culture that includes devotion to duty and service before self, and the critical nature of concussions may often go unheeded. According to *Sports-Related Concussions in Youth*, if the youth sports community can adopt the belief that concussions are serious injuries and emphasize care for players with concussions until they are fully recovered, then the culture in which these athletes perform and compete will become much safer. Improving understanding of the extent, causes, effects, and prevention of sports-related concussions is vitally important for the health and well-being of youth athletes. The findings and recommendations in this report set a direction for research to reach this goal.

**Cognitive Rehabilitation** - McKay Moore Sohlberg 2017-02-13  
Sohlberg and Mateer's landmark introductory text helped put cognitive rehabilitation on the map for a generation of clinicians, researchers, educators, and students. Now, more than a decade later, the discipline has come of age. This new volume provides a comprehensive overview of this fast-evolving field. More than a revised edition, the text reflects the dramatic impact of recent advances in neuroscience and computer technology, coupled with changes in service delivery models. The authors describe a broad range of clinical interventions for assisting persons with acquired cognitive impairments--including deficits in attention, memory, executive functions, and communication--and for managing associated emotional and behavioral issues. For each approach, theoretical underpinnings are reviewed in depth and clinical protocols delineated. Difficult concepts are explained in a clear, straightforward fashion, with realistic case examples bringing the

material to life. Also included are samples of relevant assessment instruments, rating scales, and patient handouts. Throughout, the new volume emphasizes the need to work from a community perspective, providing a framework for forming collaborative partnerships with families and caregivers. It is an essential resource for professionals across a wide variety of rehabilitation specialties, and will serve as a text in courses on rehabilitation methods and neurogenic disorders.

*Awareness of Deficit After Brain Injury* - George P. Prigatano 1991

This volume provides, for the first time, multidisciplinary perspectives on the problem of awareness of deficits following brain injury. Such deficits may involve perception, attention, memory, language, or motor functions, and they can seriously disrupt an individual's ability to function. However, some brain-damaged patients are entirely unaware of the existence or severity of their deficits, even when they are easily

noticed by others. In addressing these topics, contributors cover the entire range of neuropsychological syndromes in which problems with awareness of deficit are observed: hemiplegia and hemianopia, amnesia, aphasia, traumatic head injury, dementia, and others. On the clinical side, leading researchers delineate the implications of awareness of deficits for rehabilitation and patient management, and the role of defense mechanisms such as denial. Theoretical discussions focus on the importance of awareness disturbances for better understanding such cognitive processes as attention, consciousness, and monitoring.

*Frontal Lobe Function and Dysfunction* - Harvey S. Levin 1991

Recent technical advances have made it possible to trace the cognitive and behavioural functions of the frontal lobes of the brain more precisely. This text aims to provide a reference source on this region of the brain and its role in cognition, behaviour and clinical disorders. [Ed.].