Pediatric Neuropsychological Intervention

Pediatric neuropsychology is the practice of understanding and elucidating brain–behavior relationships as applied to children and adolescents. This volume examines current trends in the assessment and treatment of common disorders including traumatic brain injuries, brain tumors, epilepsy, and autistic spectrum disorders. Its primary aim is to help practitioners and researchers identify and understand the evidence to support interventions with a range of acquired or congenital neuropsychological disorders.

The text is divided into three sections. Section one provides a foundation by considering general issues relevant to assessment and treatment in pediatric neuropsychology. Section two guides practitioners in their approach to the use of interventions in a range of conditions and disorders, and the book closes with a section focusing on medical and experimental initiatives with an emphasis on interdisciplinary issues.

This book is essential reading for pediatric neuropsychologists, child clinical psychologists and school psychologists, as well as pediatric neurologists and psychiatrists.

Scott J. Hunter is the Director of Pediatric Neuropsychology and an Assistant Professor of Psychiatry and Pediatrics at the University of Chicago. He is also the coordinator for Child Psychology Training in the Department. Dr. Hunter received his Ph.D. in Clinical and Developmental Psychology, with concentrations in Developmental Neuroscience and Developmental Disabilities, from the University of Illinois at Chicago in 1996. He completed a postdoctoral residency in Pediatric Neuropsychology and Developmental Disabilities in the Departments of Neurology and Pediatrics at the University of Rochester. Dr. Hunter’s primary research interests include the diagnosis and management of neurodevelopmental disorders and their behavioral and cognitive sequelae; and the efficacy of pharmacological and surgical interventions for epilepsy, neurofibromatosis, and hydrocephalus. He serves as reviewer for a number of professional, peer-reviewed journals, and has co-authored articles and chapters associated with his research and clinical interests.

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Pediatric Neuropsychological Intervention

A Critical Review of Science & Practice

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To the patients and their families with whom I have had the opportunity to work, who have guided my thinking about practice and science.

Scott J. Hunter

With love to my children, Corey and Laura, and with gratitude to the many pediatric patients who have been an inspiration over the last 20 years.

Jacobus Donders
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