Contemporary Neurobehavioral Syndromes

Edited by
Gerald Goldstein
Theresa M. Incagnoli
Antonio E. Puente
"With Contemporary Neurobehavioral Syndromes, Goldstein, clinicians and advanced trainees a window into the latest clinical by neuropsychologists, and a refreshing view of conditions that understand for decades. The editors, distinguished scholars and assembled experts on the topics that they cover in the book. No other resource offers such thorough coverage of this collection of the newest and reconceptualized syndromes encountered in the practice of clinical neuropsychology."

—Shane Bush, Ph.D., Director, Long Island Neuropsychology, President, National Academy of Neuropsychology

"This volume, edited by three distinguished clinical neuropsychologists, includes a state-of-the-art compilation of chapters on topics that should be of interest to both clinical neuropsychological practitioners and researchers. The chapters bring together up-to-date information on syndromes and conditions that represent new challenges to the field; it is a must have reference work that would also complement graduate-level clinical neuropsychology courses."

—Robert J. McCaffrey, Ph.D., ABN, ABPn Professor of Psychology, University at Albany, State University of New York, USA

"This book reflects the extensive development of contemporary neuropsychology. Many syndromes described in the book, like ADHD in adults, toxicological disorders, chronic fatigue or 'deployment' syndromes are new for the neuropsychological literature; some others are reconceptualized. The volume is also very important for better understanding of neurobehavioral consequences in neurodevelopmental disorders, such as autism and preterm birth. This book will be a valuable resource for neuropsychologists and other specialists in neuroscience."

—Janna M. Glozman, Ph.D., Moscow State University, Russia

During the twentieth century, new neurobehavioral diseases appeared or were described for the first time. Exposure to certain toxins or noxious environments, for example, produced illnesses that did not exist before the twentieth century. In addition, established illnesses were reconceptualized with regard to their cause or neurobiological basis. Autism, for instance, was described for the first time during the twentieth century and may not have existed previously. Its cause was subsequently reconceptualized from a disorder related to inadequate parenting, to a brain disorder with possible genetic causes.

These major new and reconceptualized disorders are reviewed in this book with regard to their neurocognitive characteristics, causes, and outcome. Disorders covered include ADHD in adults, Lewy Body Dementia, autism, multiple chemical sensitivity, deployment syndromes found in veterans of the Persian Gulf and Afghanistan wars, effects of low birth weight, neurobehavioral respiratory disorders, PTSD, and comorbid disorders such as depression and brain injury.

The expert reviews of these disorders give balanced coverage of the ongoing and often controversial research findings that continue to generate much professional and public interest. This volume provides an essential resource for researchers, instructors, and clinicians in the fields of neuropsychology, psychiatry, behavioral neurology, neuroscience, toxicology, as well as the informed general public concerned and affected by these disorders.

Psychology Press
Taylor & Francis Group
www.psypress.com

Cover design: Elise W. Halprin

Printed in the U.S.A. an informa business
Contemporary Neurobehavioral Syndromes

Edited by
Gerald Goldstein
VA Pittsburgh Healthcare System and
University of Pittsburgh

Theresa M. Incagnoli
Private Practice, New York City

and

Antonio E. Puente
University of North Carolina
Contents

Contributors
Preface
1 Introduction
Gerald Goldstein, Thomas valley
2 Long-term outcomes
Natalie Jacob Horizon,  EAST
3 Reconceptualization of neurodevelopmental syndromes
Jessica Greig, Ireland
4 ADHD in adults
Lynda A. Kean
5 Dementia with Lewy Bodies
James T. Boyd,  UK
6 Persian Gulf War Syndrome
Gerald Goldstein,  USA
7 Neurobehavioral syndromes
Julie A. Mistry,  UK
8 Comorbidity
Gerald Goldstein,  USA
9 Behavior
West
10 Reproduction
Kott

A catalog record for this book is available from the Library of Congress

ISBN: 978-0-8058-4985-1 (hbk)
11 Fibromyalgia, chronic fatigue, and related "neurasthenic" disorders
John DeLuca, Heather L. Rogers, and Juan C. Arango Lasprilla

237

Author index
267

Subject index
303

 Contributors

Julie A. Alvarez
Tulane University, New Orleans, LA, USA

Peter J. Anderson
Royal Children’s Hospital, The University of Melbourne, Melbourne, Australia

Juan C. Arango Lasprilla
Kessler Foundation, West Orange, NJ, USA

Natalie Barre
Murdoch Children’s Research Institute, The University of Melbourne, Melbourne, Australia

James T. Becker
University of Pittsburgh School of Medicine, Pittsburgh, PA, USA

John DeLuca
Kessler Foundation, West Orange, NJ, USA

Eric S. Farbman
University of Pittsburgh School of Medicine, Pittsburgh, PA, USA

Gerald Goldstein
VA Pittsburgh Healthcare System, Pittsburgh, PA, USA