# Contents

## I. Foundations and Current Issues

   **Lawrence C. Hartlage and Charles J. Long**

2. Development of the Child’s Brain and Behavior .................................. 19
   **Bryan Kolb and Bryan D. Fantie**

3. Development of Cerebral Lateralization in Children ............................. 47
   **Marcel Kinsbourne**

   **Lawrence V. Majovski and David Breiger**

5. Neuropsychology of Child Psychopathology ....................................... 117
   **Michael G. Tramontana, Stephen R. Hooper, Tiffany Watts-English, Tywanda Ellison, and T. Carter Bethea**

6. Neurodevelopmental Malformations: Etiology and Clinical Manifestations .... 147
   **George W. Hynd, Allison E. Morgan, and Melanie Vaughn**

7. Pediatric Brain Injury: Mechanisms and Amelioration .......................... 169
   **Lisa D. Stanford and Jill M. Dorflinger**

8. Neuropsychological Basis of Learning Disabilities .............................. 187
   **Sam Goldstein and Adam Schwebach**

9. Measurement and Statistical Problems in Neuropsychological Assessment of Children ......................................................... 203
   **Cecil R. Reynolds and Benjamin A. Mason**

10. Models of Inference in Evaluating Brain–Behavior Relationships in Children .... 231
    **Eileen B. Fennell and Russell M. Bauer**
II. Neuropsychological Diagnosis

11 Halstead–Reitan Neuropsychological Test Batteries for Children .............................. 247
   NANCY L. NUSSBAUM AND MELISSA R. BUNNER

12 The Nebraska Neuropsychological Children’s Battery .............................. 267
   CHARLES J. GOLDEN

13 Applications of the Kaufman Assessment Battery for Children, 2nd Edition in
   Neuropsychological Assessment .......................................................... 281
   KRISTEN L. MAYS, RANDY W. KAMPHAUS, AND CECIL R. REYNOLDS

14 Clinical Neuropsychological Assessment with the Test of Memory
   and Learning, Second Edition .......................................................... 297
   CECIL R. REYNOLDS AND JUDITH K. VORESS

15 Utilizing a Neuropsychological Paradigm for Understanding
   Common Educational and Psychological Tests ..................................... 321
   ROBERT L. RHODES, RIK CARL D’AMATO, AND BARBARA A. ROTHLISBERG

16 Assessment of Behavior and Personality in the Neuropsychological Diagnosis of
   Children ......................................................................................... 349
   PHYLLIS ANNE TEETER, LAURA ECKERT, AMY NELSON,
   PETER PLATTEN, MARGARET SEMRUD-CLIKEMAN, AND RANDY W. KAMPHAUS

17 Psychophysiological Evaluation of Neuropsychological
   Disorders in Children ......................................................................... 383
   THALIA HARMONY

18 The Assessment of the Hispanic Child .................................................. 401
   MARGO A. CANDELARIA AND ANTONIL M. LLORENTE

III. Techniques of Intervention

19 Neurocognitive Interventions for Childhood and Adolescent Disorders:
   A Transactional Model ..................................................................... 427
   PHYLLIS ANNE TEETER

20 Brain Injury Rehabilitation of Children and Youth:
   Neurodevelopmental Perspectives ..................................................... 459
   H. DENNIS KADE AND ELAINE FLETCHER-JANZEN
21 The Neuropsychology of Pediatric Epilepsy and Antiepileptic Drugs
THOMAS L. BENNETT AND MAILE R. HO

22 Neuropsychological Effects of Stimulant Medication on Children’s Learning and Behavior
RONALD T. BROWN AND BRIAN P. DALY

23 Nonstimulant Psychotropic Medication: Desired and Adverse Cognitive Events
MANUEL L. CEPEDA

IV. Special Topics in Clinical Child Neuropsychology

24 Child Clinical Neuropsychology of Drug Abuse
ARTHUR MACNEILL HORTON, JR. AND ARTHUR MACNEILL HORTON, III

25 Neuropsychological Aspects of Attention-Deficit Hyperactivity Disorder
SAM GOLDSTEIN AND KORDELL KENNEMER

26 Neurobehavioral and Neurodevelopmental Sequelae Associated with Pediatric HIV Infection
ANTOLIN M. LLORENTE, CHRISTINE LOPRESTI, AND PAUL SATZ

27 Neuropsychological Sequelae of Chronic Medical Disorders in Children and Youth
RICHARD A. BERG AND JOHN C. LINTON

28 Coping and Adjustment of Children with Neurological Disorder
TIMOTHY B. WHELAN AND MARIE L. WALKER

29 Child Forensic Neuropsychology: A Scientific Approach
ROBERT J. MCCAFFREY, JULIE E. HORWITZ, AND JULIE K. LYNCH

30 Neuropsychology and Coma Management
JOAN W. MAYFIELD, LINDA PEDERSEN, AND FRANK MCDONALD

31 Neuropsychological Aspects of Pervasive Developmental and Autism Spectrum Disorders
PRISCILLA A. BADE-WHITE, JOHN E. OBRZUT, AND PHILIP P. RANDALL

32 Using the Planning, Attention, Simultaneous, Successive (PASS) Theory Within a Neuropsychological Context
JACK A. NAGLIERI, CARA CONWAY, AND SAM GOLDSTEIN

Index
Handbook of Clinical Child Neuropsychology
Reynolds, C.R.; Fletcher-Janzen, E. (Eds.)
2009, XIV, 814 p., Hardcover