The translation of cognitive neuroscience into occupational therapy practice is a required competence that helps practitioners understand human performance and provide best practice to the profession. This comprehensive new edition represents a significant advancement in the knowledge translation of cognition and its theoretical and practical application in occupational therapy practice with children and adults. Chapters, written by leaders in an international field, focus on cognition that is essential to everyday life.

Chapter Highlights—

Part I. General Topics
• Introduction to Cognitive Intervention and Cognitive Functional Evaluation, Katz, Blum, and Mather
• Higher-Level Cognitive Functions Enabling Participation: Awareness and Executive Functions, Katz and Mather
• Impact of Mild Cognitive Impairments on Participation: Importance of Early Identification of Cognitive Loss, Way and Tons
• Transition to Community Integration for Persons With Acquired Brain Injury, Fleming and Nalder
• Family Caregivers’ Participation in Recovery: Communicating Cognition Based on Dynamic Cognitive Intervention, Weiss, Hodes-Laidar, and Sarch
• Cognitive Information Processing, Levy
• Cognitive Aging, Levy
• Virtual Reality for Cognitive Rehabilitation, Kizony

Part II. Models for Intervention
• The Dynamic Interactional Model of Cognition in Cognitive Rehabilitation, Zigler
• The Dynamic Interactional Model in Schizophrenia, Isserman
• A Metacognitive Model for Children With Atypical Brain Development, Isserman and Rosenthal
• Cognitive Rehabilitation of Children and Adults With Attention Deficit Hyperactivity Disorder, Cermak and Mather
• Cognitive Rehabilitation: A Retraining Model for Clients With Neurological Disabilities, Everhart and Katz
• Cognitive Orientation to Daily Occupational Performance (CO-OP): A Cognitive-Based Intervention for Children and Adults, Peladino, Mundick, and McBees
• Dynamic Cognitive Intervention: Application in Occupational Therapy, Hadas-Lidor, Weiss, and Kozulin
• A Neurofunctional Approach to Rehabilitation After Brain Injury, Gole
• The Cognitive Disabilities Model in 2011. McIntyre, Austin, and Ehrhardt
• The Cognitive Disabilities Reconsidered Model: Rehabilitation of Adults With Dementia, Levy and Browne

Each cognitive model includes: (1) a theoretical basis; (2) intervention, including evaluative procedures, assessment instruments, and treatment methods; (3) individual and group treatment case studies that illustrate the intervention process; and (4) research supporting the evidence base of the model or parts of it. Chapters feature learning objectives and review questions.

This book prompts occupational therapy professionals and students to consider cognitive intervention strategies as critical to promote occupation-based, client-centered care and everyday participation in a fuller life.

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