

# Contents

Preface  
Acknowledgments  
Contributing Authors of Past Editions  
Contributing Authors of Eighth Edition

## **Section 1 Occupational Function**

- 1 Conceptual Foundations for Practice**  
*Catherine A. Trombly Latham*
- 2 Occupation: Philosophy and Concepts**  
*Catherine A. Trombly Latham*
- 3 Occupational Selection, Analysis, Gradation, and Adaptation**  
*Julie L. Grabanski and Scilinda L. Janssen*
- 4 The Teaching and Learning Process**  
*Lenin C. Grajo and Angela K. Boisselle*
- 5 Clinical Reasoning and the Art of Practice**  
*Laura VanPuymbrouck*
- 6 Documentation of Occupational Therapy Services**  
*Patricia A. Gentile*

## **Section 2 Assessment and Intervention**

- 7 Visual Function Assessment**  
*Diane Powers Drette and Jennifer Fortuna*
- 8 Visual Function Intervention**  
*Christine P. Below and Kelly Lewis*
- 9 Visual Perceptual Assessment and Intervention**  
*Kara Christy and Natasha Huffine*
- 10 Cognitive Assessment**  
*Diane Powers Drette and Guy L. McCormack*
- 11 Cognitive Intervention**  
*Mary Vining Radomski and Gordon Muir Giles*
- 12 Sensory Assessment and Intervention**  
*Carrie Ciro and Barbara M. Doucet*
- 13 Motor Function Assessment: Range of Motion, Strength, and Endurance**  
*Veronica T. Rowe and Tracey L. Zeiner*
- 14 Motor Function Intervention**  
*Michael J. Borst*
- 15 Motor Control Assessment**  
*Dawn M. Nilsen and Glen Gillen*
- 16 Motor Control Intervention**  
*Dawn M. Nilsen and Glen Gillen*
- 17 Balance Assessment and Intervention**

*Allison Chamberlain Miller*

**18 Communication Assessment and Intervention**

*Anne Escher, Sue Berger, and Anne Carney*

**19 Swallowing and Eating Assessment and Intervention**

*Wendy Avery*

**20 Cranial Nerve Assessment**

*Sharon A. Gutman and Dawn M. Nilsen*

**21 Environmental Assessment and Modification: Home, Work, and Community**

*Tracy Van Oss, Martha J. Sanders, and Pamela Hewitt*

**Section 3 Rehabilitation Technology**

**22 Upper Extremity Orthoses**

*Nancy S. Hock and Lori DeMott*

**23 Upper Extremity Orthoses Fabrication**

*Nancy S. Hock*

**24 Physical Agent Modalities and Biofeedback**

*Alfred G. Bracciano*

**25 Wheelchair and Seating Selection**

*Michelle L. Lange*

**26 Assistive Technology**

*Debra K. Lindstrom and Cara Masselink*

**Section 4 Restoration of Independent and Community Living Roles**

**27 Restoring Activities of Daily Living**

*Rochelle J. Mendonca, Susan Santalucia, Taliah Cook, and Colleen Maher*

**28 Restoring Family, Parenting, and Social Roles**

*Sharon A. Gutman and Marianne H. Mortera*

**29 Restoring Home, Work, and Recreation Roles**

*Mary W. Hildebrand*

**30 Restoring Transfers and Functional Mobility**

*Anita Perr*

**31 Restoring Driving and Community Mobility**

*Sherrilene Classen and Beth Pfeiffer*

**Section 5 Frames of Reference for Physical Disability Rehabilitation**

**32 The Biomechanical Frame of Reference**

*Kimatha Oxford Grice*

**33 The Rehabilitation Frame of Reference**

*Sunny R. Winstead*

**34 Motor Learning and Task-Oriented Approaches**

*Dawn M. Nilsen and Glen Gillen*

**35 Functional Uses of Neurological Approaches: Rood, Brunnstrom, Proprioceptive Neuromuscular Facilitation, and Neuro-Developmental Treatment**

*Kris M. Gellert and Karen Halliday Pulaski*

**Section 6 Guidelines for Physical Dysfunction Diagnostic Categories**

**36 Cerebrovascular Accident**

*Dawn M. Nilsen and Glen Gillen*

- 37 Acquired Brain Injury**  
*Alicia Flores Lohmann and Asha K. Vas*
- 38 Neurodegenerative Diseases**  
*Susan J. Forwell, Lucinda L. Hugos, and Setareh Ghahari*
- 39 Spinal Cord Injury**  
*Deborah E. Budash*
- 40 Cardiac and Pulmonary Diseases**  
*Midge Hobbs*
- 41 Orthopedic Conditions**  
*Colleen Maher and Rochelle J. Mendonca*
- 42 Rheumatoid Arthritis and Osteoarthritis**  
*Anne Crites and Preethy S. Samuel*
- 43 Hand Impairments**  
*Debbie Amini*
- 44 Amputations and Prosthetics**  
*Lisa Smurr Walters*
- 45 Diabetes**  
*Brigette Vachon, Catherine Donnelly, and Setareh Ghahari*
- 46 Alzheimer Disease and Other Dementias**  
*Rosanne DiZazzo-Miller*
- 47 Cancer**  
*Mary Vining Radomski, Mattie Anheluk, Ginger Carroll, and Joette Zola*
- 48 Burn Injuries**  
*Rebecca Ozelie*
- 49 Chronic Pain and Fibromyalgia**  
*Sharon A. Gutman and Lee Ann Westover*
- 50 Human Immunodeficiency Virus**  
*Gayle J. Restall*
- 51 Sleep Disorders Secondary to Orthopedic and Neurological Disorders**  
*Sharon A. Gutman*
- 52 Psychosocial Adaptation to Disability**  
*Pat Precin*

Index