## Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreword</td>
<td>v</td>
</tr>
<tr>
<td>Preface</td>
<td>vii</td>
</tr>
<tr>
<td>Contributors</td>
<td>xix</td>
</tr>
<tr>
<td><strong>Part I  Occupational Therapy: Basic Information</strong></td>
<td></td>
</tr>
<tr>
<td>1  International Perspective on Occupational Therapy:</td>
<td>3</td>
</tr>
<tr>
<td>The Past—The Present—The Future</td>
<td></td>
</tr>
<tr>
<td>Ingrid Söderback</td>
<td></td>
</tr>
<tr>
<td>2  The Genesis of International Handbook of Occupational</td>
<td>19</td>
</tr>
<tr>
<td>Therapy Interventions</td>
<td></td>
</tr>
<tr>
<td>Ingrid Söderback</td>
<td></td>
</tr>
<tr>
<td>3  Towards a Taxonomy of Occupational Therapy Interventions:</td>
<td>27</td>
</tr>
<tr>
<td>A Comparative Literature Analysis of Scientific Review Publications</td>
<td></td>
</tr>
<tr>
<td>Published 2008–2013</td>
<td></td>
</tr>
<tr>
<td>Ingrid Söderback and Kathryn L. Magill</td>
<td></td>
</tr>
<tr>
<td>4  Occupational Therapy: Emphasis on Clinical Practice</td>
<td>53</td>
</tr>
<tr>
<td>Ingrid Söderback</td>
<td></td>
</tr>
<tr>
<td>5  Clinical Reasoning Process: Cornerstone of Effective</td>
<td>73</td>
</tr>
<tr>
<td>Occupational Therapy Practice</td>
<td></td>
</tr>
<tr>
<td>Annie Carrier, Mélanie Levasseu, Denis Bédard and Johanne Desrosiers</td>
<td></td>
</tr>
<tr>
<td>6  Ethical Considerations and Priority in Occupational Therapy</td>
<td>83</td>
</tr>
<tr>
<td>Mari Broqvist and Margareta Lindberg</td>
<td></td>
</tr>
<tr>
<td>Chapter</td>
<td>Title</td>
</tr>
<tr>
<td>---------</td>
<td>-------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>7</td>
<td>Participants in Occupational Therapy Interventions: Needs Assessments—A Necessary Phase in Rehabilitation</td>
</tr>
<tr>
<td>8</td>
<td>Evidence-Based Occupational Therapy and Basic Elements for Conducting Assessments</td>
</tr>
<tr>
<td>9</td>
<td>Occupational Science Informing Occupational Therapy Interventions</td>
</tr>
<tr>
<td>10</td>
<td>Interactive Patient Cases in Occupational Therapy: How to Succeed</td>
</tr>
<tr>
<td></td>
<td><strong>Part II Interventions: The Occupational Therapist Manages the Client’s Adaptations</strong></td>
</tr>
<tr>
<td>11</td>
<td>Interventions: The Occupational Therapist Manages for Adaptations</td>
</tr>
<tr>
<td>12</td>
<td>Environmental Adaptations for Individuals with Functional Difficulties and Their Families in the Home and Community</td>
</tr>
<tr>
<td>13</td>
<td>Housing Adaptations and Home Modifications</td>
</tr>
<tr>
<td>14</td>
<td>Management of 24hr-Body Positioning</td>
</tr>
<tr>
<td>15</td>
<td>Ergonomic Interventions for Computer Users with Cumulative Trauma Disorders</td>
</tr>
<tr>
<td>16</td>
<td>Wheelchair Seating and Pressure Mapping</td>
</tr>
<tr>
<td>17</td>
<td>Ergonomic Considerations for Vehicle Driver-Cabin Configurations: Optimizing the Fit Between Drivers with a Disability and Motor Vehicles</td>
</tr>
</tbody>
</table>
18 Splints: Mobilization, Corrective Splintage, and Pressure Therapy for the Acutely Injured Hand .................................................... 255
Josephine Man Wah Wong

19 Splinting, Positioning, Edema, and Scar Management After Burn Injury .................................................................................... 279
Megan A. Simons and Zephanie Tyack

20 Wheelchair Intervention: Principles and Practice ....................... 299
Åse Brandt and Kersti Samuelsson

21 Assistive Technology Devices for Children with Disabilities .......... 311
Sigrid Østensjø

22 Low Vision Intervention: Decision Making for Acquiring and Integrating Assistive Technology .................................................... 323
Al Copolillo and Tony Gentry

23 Eye Tracking: Eye-Gaze Technology ............................................. 339
Judy A. Lariviere

24 Universal Design as a Workplace Accommodation Strategy ......... 363
Jon A. Sanford and Susan Stark

25 Temporal Adaptation for Individuals Living with Serious Mental Illness in the Community ......................................................... 381
Shu-Ping Chen, Terry Krupa and Megan Edgelow

Part III  Interventions: The Occupational Therapist Teaches and the Client Learns

26 Interventions: The Occupational Therapist Teaches and the Client Learns or Relearns ................................................................. 397
Ingrid Söderback

27 Problem Solving: A Teaching and Therapeutic Tool for Older Adults and Their Families ............................................................. 415
Laura N. Gitlin

28 Teaching and Supporting Clients with Dementia and Their Caregivers in Daily Functioning ......................................................... 433
Maud J. L. Graff
29 Occupational Therapy Services for Elderly with Severe Dementia
Ji-Hyuk Park, Joo-Hyun Lee and Yeong-Jo Kim

30 Metacognitive Occupation-Based Training in Traumatic Brain Injury
Jennifer M. Fleming and Julia Schmidt

31 Metacognitive Strategies for Training of Daily Living Skills in People with Brain Damage: The Self-Regulation and Mental Imagery Program
Karen P.Y. Liu and Chetwyn C.H. Chan

32 Teaching/Learning Strategies for Intervention with People with Neurovisual Impairments
Al Copolillo

33 Delivering Fatigue Management Education by Teleconference to People with Multiple Sclerosis
Marcia Finlayson and Katharine Preissner

34 Psychoeducational Groups
Sandra Hale and Jocelyn Cowls

35 Illness Management Training: Transforming Relapse and Instilling Prosperity (TRIP) in an Acute Psychiatric Ward: A User’s Perspective
Siegfrid Wing-Kin Lee and Sunny Ho-Wan Chan

36 Psychosocial Intervention in Schizophrenia
Adriana D. B. Vizzotto, Patricia C. Buchain, Jorge Henna Netto and Hélio Elkis

37 Intervention in Panic and Anxiety Disorders Through Lifestyle Modification
Rodney A. Lambert

38 Redesigning Daily Occupations (ReDOT): Facilitating Return to Work Among Women with Stress-Related Disorders
Mona Eklund and Lena-Karin Erlandsson

39 Trunk Restraint: Physical Intervention for Improvement of Upper-Limb Motor Impairment and Function
Mindy F. Levin
40 Constraint-Induced Movement Therapy for Restoration of Upper-Limb Function: Introduction .................................................. 573
Mary H. Bowman, Victor W. Mark and Edward Taub

41 Functional Electrical Stimulation Therapy: Enabling Function Through Reaching and Grasping............................................ 587
B. Cathy Craven, Stephanie C. Hadi and Milos R. Popovic

42 Joint Protection: Enabling Change in Musculoskeletal Conditions .......................................................................................... 607
Alison Hammond

43 Cognitive Priming for Movement Initiation via Self-Speech in People Living with Parkinson’s Disease ........................................ 619
Kinsuk Maitra, Lynne F. Richard and Hae Yean Park

44 Ayres Sensory Integration® Intervention .................................................................................................................... 633
Teresa A. May-Benson and Roseann Schaaf

45 Upper-Limb Therapy in Children Following Injection of Botulinum Neurotoxin A .................................................................... 647
Brian Hoare and Remo N. Russo

46 The Role of Occupational Therapists in the Rehabilitation Team .......................................................................................... 661
Anne M. Baker and Carolyn A. Unsworth

47 Pain Management: The Multidisciplinary Roessingh Back-School Rehabilitation Program and E-Health Interventions for Chronic Pain Sufferers ........................................................................ 669
Miriam M. R. Vollenbroek-Hutten, Hermine J. Hermens and Daniel Wever

48 Pain Management: Functional Restoration for Chronic Low-Back-Pain Clients ................................................................. 681
Laura Stana, Anne Bouchez, Serge Fanello and Isabelle Richard

49 The Principles and Practice of Work and Ergonomics ................................................................................................................ 687
Barbara A. Larson and Melanie T. Ellexson

50 Reintegrating People Suffering from Depression into the Workplace ................................................................................. 697
Gabe de Vries and Aart H. Schene
51 Supported Employment for Individuals with Severe Mental Illness ................................................................. 709
Cynthia Z. Burton, Lea Vella, Elizabeth M. Littlefield and Elizabeth W. Twamley

52 School-to-Work Transition Support for Youth with Disabilities .......... 719
Leonora Nel and Colette van der Westhuizen

Part IV Interventions: The Occupational Therapist Enables for the Client’s Recovery

53 Interventions: The Occupational Therapist Enables for Recovery........................................................................ 735
Ingrid Söderback

54 Using Smart Home Technology and Health-Promoting Exercise........ 747
Machiko R. Tomita and Susan M. Nochajski

55 Creating Opportunities for Participation Within and Beyond Community Mental Health Services ........................................ 757
Wendy Bryant

56 Intervention Program Mediated by Recreational Activities and Socialization in Groups for Clients with Alzheimer’s Disease....... 769
Elisabetta Farina, Fabiana Villanelli and Francesca Baglio

57 Enabling Participation in Meaningful and Essential Occupations in End-of-Life Care........................................ 787
Deidre D. Morgan and Kahren M. White

58 Gardening: An Occupation for Recovery and Wellness................. 797
Tania Wiseman and Gaynor Sadlo

59 Horticultural Therapy for the Cognitive Functioning of Elderly People with Dementia ........................................ 811
Midori Yasukawa

60 Music as a Resource for Health and Wellbeing.......................... 825
Norma Daykin and Leslie G. K. Bunt

Part V Interventions: The Occupational Therapist Promotes for the Client’s Health and Wellness

61 Interventions: The Occupational Therapist Promotes for Health and Wellness.................................................. 833
Ingrid Söderback
62 Prevention and Health Promotion in Occupational Therapy: From Concepts to Interventions ............................................................... 837
Johanne Filiatrault, Manon Parisien, Anne Sullivan, Lucie Richard and Chantal Pinard

63 Preventing Falls in the Elderly: Opportunities and Alternatives ........ 849
Lindy Clemson

64 Issues Related to the Use of In-Vehicle Intelligent Transport Systems by Drivers with Functional Impairments ................. 861
Marilyn Di Stefano

65 Work-Related Health: Organizational Factors, Risk Assessment and Well-Being ................................................................. 875
Gudbjörg Linda Rafnsdottir and Thamar Melanie Heijstra

66 Motivational Interviewing: Enhancing Patient Motivation for Behavior Change .............................................................. 885
Robert John Shannon

Index ............................................................................................................. 895
International Handbook of Occupational Therapy Interventions
Söderback, I. (Ed.)
2015, XLVIII, 900 p. 119 illus., 91 illus. in color., Hardcover
ISBN: 978-3-319-08140-3