Contents

Foreword ......................................................................................................................... v
Preface ............................................................................................................................. vii
Contributors ................................................................................................................... xix

Part I  Occupational Therapy: Basic Information

1  International Perspective on Occupational Therapy:
The Past—The Present—The Future................................................................. 3
   Ingrid Söderback

2  The Genesis of International Handbook of Occupational
   Therapy Interventions ..................................................................................... 19
   Ingrid Söderback

3  Towards a Taxonomy of Occupational Therapy Interventions:
   A Comparative Literature Analysis of Scientific Review Publications
   Published 2008–2013 ....................................................................................... 27
   Ingrid Söderback and Kathryn L. Magill

4  Occupational Therapy: Emphasis on Clinical Practice ....................... 53
   Ingrid Söderback

5  Clinical Reasoning Process: Cornerstone of Effective
   Occupational Therapy Practice ................................................................. 73
   Annie Carrier, Mélanie Levasseu, Denis Bédard and Johanne Desrosiers

6  Ethical Considerations and Priority in Occupational Therapy ........... 83
   Mari Broqvist and Margareta Lindberg

xi
7 Participants in Occupational Therapy Interventions: Needs Assessments—A Necessary Phase in Rehabilitation ........................................... 95
Maria Müllersdorf

8 Evidence-Based Occupational Therapy and Basic Elements for Conducting Assessments ............................................................... 109
Ingrid Söderback

9 Occupational Science Informing Occupational Therapy Interventions .......................................................................................... 127
Clare Hocking, Margaret Jones and Kirk Reed

10 Interactive Patient Cases in Occupational Therapy: How to Succeed ............................................................................................ 135
Jonas Nordquist and Kristina Sundberg

Part II Interventions: The Occupational Therapist Manages the Client’s Adaptations

11 Interventions: The Occupational Therapist Manages for Adaptations ....................................................................................... 151
Ingrid Söderback

12 Environmental Adaptations for Individuals with Functional Difficulties and Their Families in the Home and Community .......... 165
Laura N. Gitlin

13 Housing Adaptations and Home Modifications ................................................. 177
Susanne Iwarsson

14 Management of 24hr-Body Positioning .................................................... 189
Shelley Crawford and May Stinson

15 Ergonomic Interventions for Computer Users with Cumulative Trauma Disorders ................................................................. 205
Glenn Goodman and Sharon Flinn

16 Wheelchair Seating and Pressure Mapping .............................................. 221
May Stinson and Shelley Crawford

17 Ergonomic Considerations for Vehicle Driver-Cabin Configurations: Optimizing the Fit Between Drivers with a Disability and Motor Vehicles ........................................................................ 233
Marilyn Di Stefano and Rwth Stuckey
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
<table>
<thead>
<tr>
<th>Chapter</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>Occupational Therapy Services for Elderly with Severe Dementia</td>
<td>451</td>
</tr>
<tr>
<td></td>
<td>Ji-Hyuk Park, Joo-Hyun Lee and Yeong-Jo Kim</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Metacognitive Occupation-Based Training in Traumatic Brain Injury</td>
<td>463</td>
</tr>
<tr>
<td></td>
<td>Jennifer M. Fleming and Julia Schmidt</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Metacognitive Strategies for Training of Daily Living Skills in People with Brain Damage: The Self-Regulation and Mental Imagery Program</td>
<td>475</td>
</tr>
<tr>
<td></td>
<td>Karen P.Y. Liu and Chetwyn C.H. Chan</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Teaching/Learning Strategies for Intervention with People with Neurovisual Impairments</td>
<td>487</td>
</tr>
<tr>
<td></td>
<td>Al Copolillo</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Delivering Fatigue Management Education by Teleconference to People with Multiple Sclerosis</td>
<td>499</td>
</tr>
<tr>
<td></td>
<td>Marcia Finlayson and Katharine Preissner</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Psychoeducational Groups</td>
<td>509</td>
</tr>
<tr>
<td></td>
<td>Sandra Hale and Jocelyn Cowls</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Illness Management Training: Transforming Relapse and Instilling Prosperity (TRIP) in an Acute Psychiatric Ward: A User’s Perspective</td>
<td>519</td>
</tr>
<tr>
<td></td>
<td>Siegfrid Wing-Kin Lee and Sunny Ho-Wan Chan</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>Psychosocial Intervention in Schizophrenia</td>
<td>529</td>
</tr>
<tr>
<td></td>
<td>Adriana D. B. Vizzotto, Patricia C. Buchain, Jorge Henna Netto and Hélio Elkis</td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>Intervention in Panic and Anxiety Disorders Through Lifestyle Modification</td>
<td>541</td>
</tr>
<tr>
<td></td>
<td>Rodney A. Lambert</td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>Redesigning Daily Occupations (ReDO™): Facilitating Return to Work Among Women with Stress-Related Disorders</td>
<td>553</td>
</tr>
<tr>
<td></td>
<td>Mona Eklund and Lena-Karin Erlandsson</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mindy F. Levin</td>
<td></td>
</tr>
</tbody>
</table>
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 Westhuyzen

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