Handbook of Crisis Intervention and Developmental Disabilities
Preface

According to the Centers for Disease Control and Prevention (2011), approximately 14% of 18-year-old children or younger in the United States are diagnosed with a developmental disability. Developmental disabilities include a number of different disorders or impairments including vision or hearing disabilities, intellectual disability, autism spectrum disorders, and others. Estimates suggest that between 5% and 16% of individuals with developmental disabilities engage in some form of self-injurious behavior (e.g., slapping or biting, head hitting, eye poking, and others; Schroeder, Rojahn, & Oldenquist, 1991), with some studies reporting this number to be as high as 50% (Baghdadli, Pascal, Grisi, & Aussilloux, 2003). Numbers for aggressive behaviors (e.g., hitting, kicking, biting, scratching directed toward others) are equally staggering, with prevalence estimates ranging upwards of 20% for children (Hartley, Sikora, & McCoy, 2008) and 50% for adults (Matson & Rivet, 2008). Given the severity of these challenging behaviors, many individuals with developmental disabilities require intensive behavioral and psychological services. In about 7% of this population, problem behaviors are so severe that out-of-home residential services are necessary (Larson, Lakin, Salmik, Scott, & Webster, 2010). Thus, it is not surprising that the estimated per capita annual costs associated with treating developmental disabilities exceed $3.2 million in the United States alone (Ganz, 2007).

Recent research into the etiology of severe problem behavior of individuals with disabilities suggests a combination of biological and environmental precipitants (Iwata, Roscoe, Zarcone, & Richman, 2002). Given the difficulties associated with isolating such precipitants, as well as the dynamic nature of the environment, some individuals’ behaviors quickly, and seemingly mysteriously, evolve into clinical crises that spiral outside of the scope of their current educational or clinical programming. Such crisis situations are often frightening, dangerous, and require immediate intervention. Unfortunately, the only resources available for professionals to consult in such times are (a) peer-reviewed scientific articles (often exclusively focusing on one treatment type or crisis scenario), (b) various web-based recommendations (many of which may come from unqualified contributors or based upon anecdotes or opinions), or (c) advice from colleagues. In our personal clinical experiences providing services to children with developmental disabilities and comorbid behavior disorders experiencing a behavioral crisis, the task of providing clinical recommendations (e.g., how to train staff or educators to implement...
the treatment, whether to utilize protective equipment such as a helmet for self-injury, whether a transition to more restrictive and intensive placement is necessary) can be daunting.

The purpose of this handbook is to provide a compilation and analysis of the most recent research in crisis intervention for individuals with developmental disabilities, from the foremost experts in severe problem behavior and crisis management. Much research has been done on individual treatment components for addressing behavioral crises in individuals with developmental disabilities. This handbook synthesizes the relevant literature and integrates its findings into a comprehensive review of the continuum of services. In addition, the handbook serves as an accessible resource for researchers, scientist-practitioners, and graduate students interested in crisis intervention for individuals with developmental disabilities.

As scientist-practitioners, we have experienced a myriad of complications and decisions associated with behavioral crisis management. We have worked with families as they made difficult and emotional decisions regarding clinical services for their loved ones. We have served as the clinicians providing therapeutic services to individuals exhibiting behavioral crises and have consulted with staff and caregivers regarding how best to proceed with service delivery. Finally, we have each served as trainers to both parents and staff to best prepare them to address the complex needs of their clients and loved ones when behavioral crises emerge. This book is dedicated to the many clients, families, staff, and colleagues with whom we have worked who sparked our interest in compiling this volume.

Dr. Reed acknowledges Dr. Karla Doepke for introducing him to behavior analytic interventions for children with autism and inspiring him to embark on this career. I thank Dr. Brian Martens and Dr. Laura Lee McIntyre for shaping me to think like a scientist while providing clinical services and consultation to families. While working with Dr. Gary Pace, I learned the importance of creating a collegial atmosphere and finding the joys in even the most incremental of improvements in the data. I was privileged to work with wonderful clinicians like Richard Azulay, Dr. Hannah Rue, and Dr. James Chok; many of the conversations we had influenced the content of this handbook. Finally, I owe my biggest thanks to Dr. Florence DiGennaro Reed and Dr. James Luiselli for being tireless supporters and incredible collaborators, not only on this project, but for everything I do. Flo and Jim continue to amaze me with their clinical scholarship. It is an absolute honor to consider them my colleagues.

Dr. DiGennaro Reed would like to express warm appreciation to her many mentors over the years: Dr. Raymond G. Romanczyk who—without knowing—single-handedly shaped my desire to enter this profession; Dr. Mary E. McDonald for giving me many unique and wonderful professional development opportunities as a young and inexperienced clinician; Dr. Brian K. Martens for introducing me to the joys of The Far Side® when I needed it most; and Dr. James K. Luiselli for raising the bar and challenging me to reach it. I would also like to acknowledge the support of my family who have been my greatest cheerleaders and devoted fans for decades. A special thank you to our Jack Russell terriers, Bella and Watson, is warranted; they patiently tolerated long hours in our home office, abbreviated walks, and our diverted attention without holding any grudges. I would like to extend warm appreciation for the numerous
families with whom I have worked and have learned a great deal about life, love, and advocacy. Finally, and perhaps most importantly, I would like to express my deepest appreciation to and admiration of my life partner and best friend. This has been, and will continue to be, an amazing journey!

Dr. Luiselli thanks the many people who served as his teachers, mentors, and professional role models. With a fresh undergraduate degree in hand, I was blessed to have the tutelage of Drs. Donald Anderson, Jerry Martin, Paul Touchette, and Andy Wheeler. Dr. Van Westervelt was another influence, an ally, tennis partner, and coauthor on my first peer-reviewed publication. In graduate school and beyond, I was privileged to learn from Drs. David Marholin II, Henry Marcucella, David Mostofsky, Warren Steinman, and Ron Taylor. Dr. Michel Hersen and Dr. Nirbhay Singh set the occasion for many career goals and accomplishments—I am forever indebted to them. And what a joy it is to collaborate with Dr. Flo DiGennaro Reed and Dr. Derek Reed, two rising stars I am able to call colleagues and friends. Finally, my wife, Dr. Tracy Evans Luiselli, and our children, Gabrielle and Thomas, have taught me the life lessons you do not find in textbooks and inspired in ways that only a family understands.

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Contents

1 Introduction ..................................................................................  1
   Derek D. Reed

Part I  Organizational Preparedness

2 Importance of Organizational Infrastructure 7
   Mark R. Dixon and Amy K. Loukus

3 Peer Review ..................................................................................  27
   James K. Luiselli

4 Evidence-Based Practice and Crisis Intervention 49
   Lindsay Maffei-Almodovar and Peter Sturmey

5 Empirically Supported Staff Selection,
   Training, and Management Strategies .......................................  71
   Florence D. DiGennaro Reed, Jason M. Hirst,
   and Veronica J. Howard

6 The Use of Protective Equipment in the
   Management of Severe Behavior Disorders 87
   Wayne W. Fisher, Nicole M. Rodriguez,
   Kevin C. Luczynski, and Michael E. Kelley

7 Therapeutic Restraint and Protective Holding 107
   Derek D. Reed, James K. Luiselli, Jonathan R. Miller,
   and Brent A. Kaplan

Part II  Crisis Identification and Acknowledgement

8 Assessment of Problem Behavior 123
   Brian C. Belva, Megan A. Hattier,
   and Johnny L. Matson

9 Functional Analysis of Problem Behavior 147
   Pamela L. Neidert, Griffin W. Rooker,
   Makenzie W. Bayles, and Jonathan R. Miller
10 Assessment of Pediatric Feeding Disorders ............................... 169
Meeta R. Patel

11 Unique Considerations of Prader-Willi Syndrome ............... 183
Claudia L. Dozier, Joseph D. Dracobly, and Steven W. Payne

12 The Motivation for Self-Injury: Looking Backward to Move Forward ........................................ 199
Jennifer McComas and Frank J. Symons

13 Co-occurring Psychiatric Disorders in Individuals with Intellectual Disability .................................. 213
Joseph N. Ricciardi

14 Involving Family in the Prevention and Intervention of Behavior Problems in Individuals with Intellectual and Developmental Disabilities ...................... 245
Laura Lee McIntyre and Mallory Brown

Part III  Navigating the Continuum of Care

15 Legal and Ethical Issues .............................................................. 261
Jan Bowen Sheldon and Jennifer A.L. Sheldon-Sherman

16 Less to More Restrictive Settings: Policy and Planning Considerations ........................................... 281
Mitchell L. Yell and Erik Drasgow

17 How to Make Effective Evaluation of Psychotropic Drug Effects in People with Developmental Disabilities and Self-Injurious Behavior ........................................ 299
Stephen R. Schroeder, Jessica A. Hellings, and Andrea B. Courtemanche

18 Consultation in Public School Settings ..................................... 317
Florence D. DiGennaro Reed and Sarah R. Jenkins

19 Home-Based Services ............................................................... 331
Jonathan Tarbox, Angela Persicke, and Amy Kenzer

20 Components of a Private School Program Serving Children and Adolescents with Severe Problem Behavior ............................................................... 351
Daniel M. Fienup, Amy Baranek, Jennifer Derderian, Maria Knox, and Gary M. Pace

21 Treating Severe Problem Behavior Within Intensive Day-Treatment Programs ........................................... 367
Nathan A. Call, Natalie A. Parks, and Andrea R. Reavis
<table>
<thead>
<tr>
<th></th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>Intensive Treatment of Pediatric Feeding Disorders</td>
<td>393</td>
</tr>
<tr>
<td></td>
<td>Suzanne M. Milnes and Cathleen C. Piazza</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Outpatient Units</td>
<td>409</td>
</tr>
<tr>
<td></td>
<td>David P. Wacker, Wendy K. Berg, Kelly M. Schieltz, Patrick W. Romani, and Yaniz C. Padilla Dalmau</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Intensive Outpatient Services</td>
<td>423</td>
</tr>
<tr>
<td></td>
<td>Joel E. Ringdahl</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Do Good, Take Data, Get a Life, and Make a Meaningful Difference in Providing Residential Services!</td>
<td>441</td>
</tr>
<tr>
<td></td>
<td>Michael C. Strouse, James A. Sherman, and Jan Bowen Sheldon</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>About the Editors</strong></td>
<td>467</td>
</tr>
<tr>
<td></td>
<td><strong>Index</strong></td>
<td>469</td>
</tr>
</tbody>
</table>
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