

Temperament Based Therapy with Support for Anorexia Nervosa





Temperament Based Therapy with Support for Anorexia Nervosa

A Novel Treatment

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We dedicate this book to
Walter H. Kaye, MD
"Walt"
The visionary behind this
novel and emerging treatment:
Temperament Based Therapy with Support
(TBT-S)





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Contributors

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continues to pursue her passion for helping others by providing direct clinical care for clients and family members affected by eating disorders. Dr. Peck has directly treated hundreds of clients and families over her career.

Dr. Peck has presented nationally and internationally on her work related to brain-based treatments and the Intensive Family Treatment Programs with worldrenowned experts. She frequently conducts continuing education seminars for professionals and has presented clinical workshops and intensive trainings for lead organizations in the field, including the Academy of Eating Disorders/International Conference of Eating Disorders (ICED), the National Eating Disorder Association (NEDA), and the International Association of Eating Disorder Professionals (IAEDP). Additionally, she co-runs biannual two-day intensive trainings at the UCSD Eating Disorders Center for invited professionals. Dr. Peck has coauthored nine book chapters and various original scientific articles on topics related to eating disorders, including brain-based treatment.

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and neuroscience. She is an expert in the neurobiology of eating disorders, in particular related to the neural circuitry supporting cognition and behavior. She conducts neuroimaging and neuropsychological research examining the brain basis of disordered eating, with an emphasis on key constructs that contribute to altered motivation to eat, including cognitive control, reward processing, learning, and interoception. She is also heavily involved in treatment development efforts for eating disorders guided by a neurobiological understanding of temperament based behavior, as well as

treatment outcome studies. Through close collaboration with Drs. Peck and Hill, she has developed and continues to test the Temperament Based Therapy with Support (TBT-S) approach for individuals with eating disorders. She is a Fellow of the American Psychological Association, a Fellow of the Academy for Eating Disorders and a member of the Eating Disorder Research Society and has published more than 100 peer-reviewed papers and received research funding from multiple agencies (e.g., National Institutes of Health, National Eating Disorders Association, the Department of Veterans Affairs).





Foreword

Walter H. Kaye, MD

Distinguished Professor of Psychiatry, University of California, San Diego Department of Psychiatry, and Founder and Executive Director, UCSD Eating Disorder Treatment and Research Program

Anorexia nervosa is often a chronic behavioral disorder with a high rate of medical complications and risk of dying. However, there has been limited progress in developing more effective treatments for this disorder. In part, a lack of a mechanistic understanding of anorexia nervosa has thwarted efforts to develop powerful evidence-based interventions. In recent years, innovations in genetic and biobehavioral research on anorexia nervosa have shed light on the neurobiological contributions to disease risk and chronicity. Temperament Based Therapy with Support (TBT-S) offers insights into how this knowledge can be translated into effective clinical interventions.

There has been a growing realization that people with anorexia nervosa tend to have certain personality and temperament traits. These traits, such as drive for achievement, perfectionism, anxiety, or risk or harm avoidance, tend to occur first in childhood, well before the onset of an eating disorder. These traits tend to become exacerbated when the individual is ill but persist in a mild to moderate form after recovery. These traits may create a vulnerability to developing anorexia nervosa and play a role in restricted eating.

For most people, not eating for a few days is uncomfortable, whereas hunger makes food more motivating and rewarding. In contrast, for those with anorexia nervosa, eating is anxiety producing, whereas not eating reduces anxiety or may even be empowering. New brain imaging research is revealing that primitive systems in the brain that we share with lower animals may miscode reward and anxiety signals in those with anorexia nervosa, resulting in anxious messages about food. ^[1] That is, the anxious temperament in many with anorexia nervosa may flood the brain and overwhelm motivating and reward messages about food.

It is very difficult to change temperament. Several years ago, we raised the question, in a paper called "Temperament-Based Treatment for Anorexia Nervosa," that people could learn compensatory skills to better understand and manage temperament in anorexia nervosa. This concept was tested and published in several papers. How is this possible? Humans are remarkably adaptable to learning to compensate for deficits. For example, if you are blind, you can learn to use touch and sound to navigate the world. As we begin to understand more about these temperaments, which are hardwired into the brain, we can help people with anorexia nervosa, and their families, develop compensatory skills and strategies to manage their anxiety and facilitate eating.

I am very grateful that I have been fortunate to have worked with Laura, Stephanie, and Christina in developing these concepts and treatment. They are extremely talented, clever, and smart and have shown outstanding imagination and skill in transforming biological concepts into treatment applications. Laura has constantly amazed me in regard to her insights into behavior of those with anorexia nervosa and her creativity in developing

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interactive approaches that get the attention and participation of those with this disorder. Stephanie is one of most brilliant therapists I know in terms of her ability to explain the symptoms of anorexia nervosa to families and guide them in conceptualization of effective interactions. I am in awe of Christina's outstanding ability to demystify complex, cutting-edge science and translate these constructs in terms that both laypeople and therapists can understand and use. I am delighted to see them bring to life this comprehensive and detailed book that describes neurobiology, core principles, and a range of applications of TBT-S. I have witnessed the enthusiasm of patients and families who use and benefit from TBT-S because it explains their puzzling symptoms and, most importantly, gives them strategies that are effective. Moreover, Laura, Stephanie, and Christina make this treatment interesting, and even fun, and build an alliance between those with anorexia nervosa and their Supports.

I am particularly proud of the work that has contributed to the development of TBT-S. As I get older, it is reassuring to know that Laura, Stephanie, and Christina will continue this work, expand the reach of TBT-S, and continue to generate data that will demonstrate efficacy – and that TBT-S improves communication with those with anorexia nervosa, who often lack motivation to change or insight into their behaviors, and provides tools that they are more willing to employ and skills that help them recover.

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Preface

I (Laura Hill) was formally introduced to the work by the artist Henri Matisse in the house of Matisse, in Nice, France. Until that time in my early life, I had thought art was not "real art" unless the subject matter looked like illustrations, such as paintings by Norman Rockwell. The day I walked into the Matisse Museum, my appreciation for art turned around 180 degrees.

The rooms were laid out chronologically. The first room was filled with portraits. At first I thought they were black-and-white photographs. Upon closer examination, I realized they were pencil drawings – hundreds of lines portraying a face, a shadow, and light, hundreds of lines detailing a woman's eyes, nose, mouth, chin, and hair. I was mesmerized by the exactness of the images.

The next room continued to display Matisse's portraits of various subjects, but the drawings had fewer lines. Lines were removed, yet the essence of the image remained strong and clear. In each consecutive room, lines were removed from the images. Some portraits displayed great detail of half of the subjects' faces; the other half was blank, allowing the viewer to perceptually complete the images. The essential lines defined the image as they simultaneously opened the viewer to the expanse of their potential.

The rooms culminated in the upstairs loft area, where Matisse's cutouts filled the space. His flowers, leaves, shapes, and figures were simply portrayed, yet they vibrantly expressed the essence of the overall image. A transformative new technique was developed in art making. I stood in that space, looking at the work of an artist who presented the viewer with less, and yet so much more.

A few years later, I was in the Metropolitan Museum of Art in New York City, walking down a hallway looking ahead at a colorful depiction of chaos in a large painting by Jackson Pollock. I became aware of a sensation that I was swimming. I looked to my right, and there on the hallway wall was a continuous flow of blue paper, cut in wave-like shapes. One line flowed throughout the image. I stopped. The title of the piece was *The Swimmer*. It was by Matisse.

This book introduces you to a new treatment approach, Temperament Based Therapy with Support (TBT-S). We originally wrote the book by using hundreds of lines to depict an illustrative understanding of the treatment. We portrayed in detail its development, its interactive process, and the biological nature of the illness and treatment. However, each draft contained so many lines that it became difficult to see the core principles illustrated throughout the book. The challenge became, how do we present the reader with a novel treatment, without writing every line and describing every aspect?

We decided less is more. This manual describes the essential points of TBT-S. We share the key point of each topic and simultaneously open the reader to the expanse of its potential. This is harder than it appears. We have removed sections, lines, dimensions, and details. It has taken many versions to maintain the clear and strong fundamental nature of the treatment, while leaving it open for the reader to realize the breadth of its ability to augment other treatments and to intervene in other diagnoses. Whether the reader is new to eating disorder treatment or an expert, this book is a manual of the essential themes of TBT-S. The intent of this style of writing is to influence clinicians as they enter a treatment

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session to detect client traits flowing through their thoughts, feelings, and actions and realize the traits are "cut out" from the client's temperament.

The manual practices what TBT-S preaches: to actively move toward a solution, allowing one's natural tendencies (temperament) to drive and determine what works best to reach that destination. The ongoing neurobiological findings of anorexia nervosa are complex. Eating disorder symptom reduction is complex, difficult, and counter to dominant eating disorder trait tendencies. Yet, people with anorexia nervosa can and do get better. How? What has been missing that could help ongoing treatment processes become more succinct in the short term and have better long-lasting outcomes? This book provides a novel temperament based approach that fills in a significant therapeutic gap by integrating research findings on the neurobiological bases of AN with clinical interventions.

We hope you find this manual helpful to your practice. Young adult (YA) clients with anorexia nervosa and those with severe-and-enduring anorexia nervosa (SE-AN) have repeatedly told us that TBT-S has turned them around 180 degrees. They reported that they understood their illness better and realized what they could and could not do to move forward on their own. This manual is to be used to augment ongoing eating disorder therapies, as a classroom guide to instruct emerging professionals and for research studies. It addresses how to approach the essential nature of anorexia nervosa. A key point is that TBT-S treats to the traits – the core substance that delineates one's potential.



Acknowledgments

We, Laura, Stephanie, and Christina, acknowledge and offer our deep gratitude to the nonprofit organization Eating Disorder Families of Australia (EDFA). EDFA was developed to ensure that Supports are included in the treatment of anorexia nervosa, to help increase treatment outcomes and improve collaboration among clinicians, clients, and Supports. Their goal overlaps with a core principle of Temperament Based Therapy with Support, to include Supports (any person to whom the client turns for support) in portions of the treatment process. EDFA led the hosting of extensive TBT-S training programs across Australia, collaborating with other eating disorder organizations. The authors of this book led face-to-face trainings for clinicians and Supports from coast to coast. This book was conceived during this tour of trainings in 2019.

Laura Hill

I offer my sincere appreciation for input, feedback, suggestions, and encouragement from

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