

Setting up for Clinical Success

by Lynda Thompson, Ph.D. and Michael Thompson, MD



LIMITED EDITION SOFTWARE SUITE



Biofeedback Foundation of Europe
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About The Authors

Lynda Thompson, Ph.D., Psychologist, has done teaching, clinical psychology, school psychology and owned learning centres. She has given invited workshops and lectures on five continents on Neurofeedback and Biofeedback. She became Executive Director of The ADD Centre in Toronto in 1993. Her doctoral dissertation (1979) dealt with hyperactive children treated with methylphenidate. She is co-author with William Sears of *The A.D.D. Book: New Understandings, New Approaches to Parenting Your Child*.



Michael Thompson, M.D. administrates the Biofeedback Institute and teaches. When formerly practicing medicine he was Associate Professor and head of post-graduate education in Psychiatry, University of Western Ontario, examiner Royal College of Physicians, chairman examinations committee in psychiatry. While Associate Professor, University of Toronto, he was psychiatric consultant to The Hospital for Sick Children's neurology department. Numerous professional publications include *A Resident's Guide to Psychiatric Education* and *The Neurofeedback Book: An Introduction to Basic Concepts in Applied Psychophysiology*.



Together the Thompson's have recently written chapters on Stress Management (Paul M. Lehrer, Robert L. Woolfolk and Wesley E. Sime (Eds.) Principles and Practice of Stress Management, 3rd Edition. New York: Guilford Publications) and ADHD and on Asperger's (Budzynski, Thomas, Budzynski, Helen Kogan, Evans, James R., Abarbanel, Andrew, (eds.), Introduction to Quantitative EEG and Neurofeedback: Advanced Theory and Applications (second edition), Academic Press, Elsevier, NY, 365-415). They have also contributed a chapter on Autistic Spectrum for an upcoming book by Schwartz and Andrasik.

Setting up for Clinical Success Suite

The Setting up for Clinical Success Suite has been designed for professionals who want to work with children and adults with ADD/ADHD, LD, Asperger's, Anxiety, Depression, as well as athletes, executives or performers for improved performance. In this suite, Dr. Lynda Thompson and Michael Thompson M.D., introduce some of the key techniques being used in neurofeedback using the world's leading Infiniti™ biofeedback system. The suite is designed to:

- Give clinicians a range of displays applicable to young children, adolescents and adults
- Give Experts basic screens they can modify to meet very specific requirements for individual clients
- Offer trainers who are beginning a NEUROFEEDBACK practice a sufficient variety of screens to cover the most common training needs of their clients
- Provide useful measurements including microvolts, % time >threshold, and points for sustaining a desired mental state

Suite Based On Experience

The Thompson screens have come from treating a wide variety of clients and experience in education, clinical psychology and science. At the ADD Centre and Biofeedback Institute there are clients from 4 ½ to 70 years of age, from top executives and athletes just wanting to optimize their performance to children with ADHD, learning disabilities, Asperger's, Autism, Tourette's, to adults with anxiety, depression, and head injuries.

Software Development Team

The software in this suite was developed by an International team of clinicians trained in the use of the BioGraph Infiniti software from Thought Technology that is being used in International Research and

Education Projects. Working in close collaboration with the manufacturers, this team makes sure that the methods used by the Thompson's in clinical practice are implemented in the software to meet the strictest requirements for measurement and help the busy professional get the maximum from their system in the minimum time.

Hardware & Software Configurations (Encoders & Channel Sets)

This Limited Edition suite offers channel sets for both the ProComp Infiniti and the ProComp2 encoders. The powerful ProComp Infiniti encoder gives professionals the power to monitor up to 8 client signals at the same time, ideal for monitoring neurofeedback and biofeedback.

The Infiniti Operating System

The Infiniti program is a neurofeedback and biofeedback operating system like Windows used for doing assessments and feedback. It is used to alter certain aspects of channel sets including band-widths (for the specific needs of an occasional client), dampening (like smoothing or averaging) and % time>C (a threshold constant).

The Infiniti program also does impedance checks and allows you to choose either:

- A Script (series of display screens for a predefined purpose – e.g., a stress assessment).
- A 'set' (called "Open Display") – your choose 5 display screens for feedback to the client (statistics are only recorded if you check them off before entering training screens). (This may be increased in a later version of the program.)

Suite Software—Display Screens

The self-installing CD includes over 40 specialized screens for clinical assessment, stress profiling and to motivate and train clients. An 84-page guide gives practitioners a basic start so that they can begin using the BioGraph Infiniti™ program with a range of clients.

As a NEUROFEEDBACK /BIOFEEDBACK 'generalist' clinician you will most often be seeing:

1. Children or Adults: ADHD (+ Asperger's or + Seizure Disorder); AND, ADD (+ LD)
2. Adolescents & Adults: Ruminating, tense, anxious, + secondary inattention; AND, clients who wish to Optimize Performance in academics, business and sports.

These clients all require cognitive strategies to assure that training 'generalizes' to their every-day environment. The MT channel sets have taken into account the goals for training and matched them to the most common bandwidths used for NEUROFEEDBACK and BIOFEEDBACK modalities that are used for feedback (training).

COMPATIBLE WITH:



ProComp Infiniti™



ProComp Infiniti 5™



ProComp2™

Enhance your practice with specialized software.

When you purchase a BFE Limited Edition Suite, you not only invest in an ensemble of specialized channel sets, screens and scripts for the Infiniti system; but you also join a global network of practitioners and researchers. Being part of this group gives you many privileges including reduced costs for the Learn From the Best program of online lectures, supervision and mentoring sessions and how-to beginner and intermediate level courses. When you use the Infiniti software with a BFE suite you are not only investing in software and documentation you are buying extra time to treat your clients and enhance your practice. What is more, you will know that your purchase is contributing to the advancement of research and education in this exciting field.

Ordering, Payment and Terms of Use

To purchase this software suite, simply visit the suites page of the BFE website and order online (www.bfe.org), or download the Software Suites order form from and complete and return as instructed. The Limited Edition Software Suite is priced at US\$150.

Limited Edition Software Suites are sold at **HALF** of the commercial retail value with the understanding that the software and documents provided on the Limited Edition may contain errors. Customers are warned that the software and documents are provided in exchange for suggestions on what needs to be changed, clarified, or otherwise improved for the future commercial editions. Purchasers **MUST** understand and give permission for their name to be added to a unique group that will receive updates to the Limited Edition suite at **NO CHARGE** until a commercial edition is published by the Biofeedback Foundation of Europe. The Limited Edition suite may also contain warnings and recommendations from leading clinicians for the off-label use of biofeedback devices.

Purchasers agree not to copy or distribute the software without the written permission of the Biofeedback Foundation of Europe.

Dr. Thompson's "Setting Up for Clinical Success, 3rd Ed" is nothing short of brilliant and is very user friendly with a manual that I printed and keep on my desk right next to a worn copy of The Neurofeedback Book. The single and two channel assessments and training screens work very well and provide useful statistics to guide training direction and progress. My final comment as someone still learning more about neurofeedback is that we should be sure to train and assess within our level of competence so as to promote our field well and of course to "do no harm" to our clients. Quoting a guiding pearl of wisdom from Lynda Thompson, "Promise less and deliver more".

Dave Hagedorn, PhD.



P.O. Box 555 3800 AN , Amersfoort The Netherlands
BFE-IREP

Carol Meyers, Education Manager education@bfe.org
Fax: +1 514 489 8251 Tel: +1 518 632-1018