Limited Edition Software Suite

The ADHD Assessment software suite was designed by a team of clinicians, as led by Dr. Vince Monastra and Dr. Joel Lubar, and including Dr. François Dupont, with the goal to create a fast and simple assessment method for ADHD in adults and children as young as 5 years old. The design and methodology of this software suite is based heavily on the hallmark published study by Monastra, Lubar et al. 1999. The suite includes:

- Four Age-appropriate assessment scripts, during which the client performs a reading, listening, drawing and/or working-memory task. Statistics of interest are monitored throughout the 6-minute long assessments.

- Excel reports that allow for easy interpretation of the assessment script data. Norms and notes are included for quick comparison.

- Optional use of electrooculogram (EOG) sensor for tracking of eye movement artifacts and later artifact removal.

- Software manual that guides users through the entire process of setting up the equipment, sensor & electrode application, impedance check, assessment recording, reviewing and generating the excel report.

- Age-appropriate reference material for the reading, listening and drawing tasks are also included.

Client: Sample Data ADHD Assessment
Session Date: 26/01/2012   Session Time: 12:06:11 PM

Client's Means line in graph is divided as follows: 1-Baseline; 2-Reading; 3-Listening; 4-Drawing or Working Memory; 5-Overall Average (Attention Index).

Theta (4-8 Hz) µV square / Beta (13-21 Hz) µV square ratios.

Age Group:	SD	Mean	1 SD	1.5 SD	2 SD
6-11 y. old	1.33	3.03	4.56	5.03	5.69
Client's whole session mean:	2.422				

Education & Training Opportunities

The BFE currently offers 2 different types of online lessons/meetings designed to meet your diverse education and training needs:
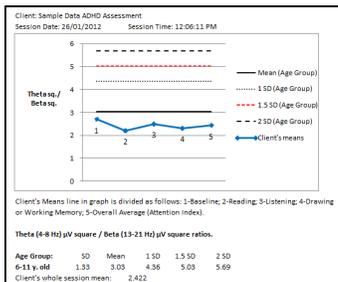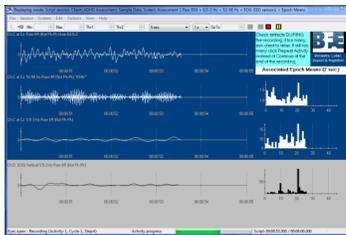
- 6-Hour **ADHD Monastra-Lubar Assessment Class**: online instruction from a qualified instructor on neurofeedback assessments for ADHD. This class is well suited for beginners or experienced practitioners that want to use the Monastra-Lubar ADHD Assessment methods in their practice. All aspects of using the software will be covered in great detail, and recorded data will be reviewed to ensure proper recording. Interpretation of data by the instructor will occur, however focus is maintained of being able to successful use all aspects of the software and equipment.

- 3-Hour **ADHD Assessment Grand Rounds**: attend live 60-minute online sessions scheduled monthly for three consecutive months and take the opportunity to ask Dr. Monastra or team members your questions about different methods, share new information and discuss assessment case examples from practice, including excel report data and training plan strategies. Demonstrations of recorded data and other information set in an interactive framework provide up-to-date, relevant summaries that can immediately be put to use. We encourage attendees to bring in their own case examples for review from an expert opinion.

For more Information or Questions: **To purchase the suite and/or education & training, go to the BFE Shop:**

blueadhd@gmail.com   **Www.bfe.org/buy**

BioGraph Infiniti Software

BioGraph Infiniti Software is the core of all current and future Thought Technology biofeedback and psychophysiology products. It provides a multimedia rich graphical experience, while capturing and analyzing raw data. It includes all the features and functions required to run our specialized ADHD Assessment Suite and offers the ability to customize your own screens using the Developer Tool. The suite functions with **BioGraph Infiniti version 5.1.4** or **6.0,** and is designed to provide full compatibility with the latest Windows 8 operating system.

Choose the Encoder to Meet Your Needs

You only need one of the encoders to run the software:

- **ProComp Infiniti encoder** is the eight-channel, multi-modality encoder that has all the power and flexibility you need for real-time, computerized biofeedback and data acquisition in any clinical setting. It records data from up-to eights sensors simultaneously.
- **ProComp 5 encoder** is similar to the ProComp Infiniti, but only records data from up-to five channels. **Users simply purchase the ProComp Infiniti edition of the suite to use with the ProComp 5.**
- **ProComp2 encoder** is a compact, 2 channel version of the ProComp Infiniti encoder, which can be easily worn on a head band or a shirt collar. ProComp 2 contains a built-in EEG sensor - requiring only an electrode lead for EEG monitoring and biofeedback. It can record date from one or two sensors simultaneously.

Select Sensor Measurements for Collecting Data

This list consists of available sensors to be used with the encoders in this suite:

For ProComp Infiniti or ProComp 5 encoder:

- **EEG-Z sensor (x1 or x2 if using optional EOG sensor)** is pre-amplified electroencephalograph sensor with built in impedance checking, for measuring brainwaves. The first EEG-Z sensor is required for recording standard neurofeeedback data. The second EEG-Z sensor is optional. It is co-opted as an electrooculogram (EOG) sensor, for monitoring eye movements artifacts. An **EEG monopolar/bipolar kit with DIN cable** is necessary for use with the first EEG-Z sensor, and an **electrode extender cable** is necessary for use with the second optional EEG-Z sensor

For ProComp2 encoder:

- The ProComp2 encoder already has a built-in EEG sensor, so it is only required to have an **EEG monopolar/bipolar kit with DIN cable**.
- **Optional EEG-Z sensor (x1)** that is co-opted as an electrooculogram (EOG) sensor, for monitoring eye movements artifacts. An **electrode extender cable** is necessary for use with this optional sensor.

Disposable Unigel Electrodes

If making use of the optional EEG-Z sensor that is co-opted as an EOG sensor, it is necessary to purchase **unigel electrodes** for the EOG electrode placement.

Additional Computer Setup Information

The ADHD Assessment requires Microsoft Excel to be installed on the computer in order to function.