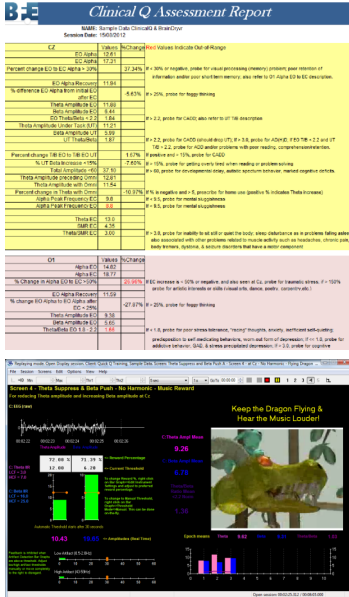## Limited Edition Software Suite

The ClinicalQ & BrainDryvr suite was designed by a team of clinicians and co-authors, who worked in close collaboration with Paul Swingle, Ph.D., to ensure that the implementation of his method is beneficial for professionals, educators and researchers who want to perform neurotherapy applicable to a broad field of disorders and pathological conditions. This suite supports techniques developed by Dr. Swingle over more than 30 year of practice and teaching in the field of psychology and neurotherapy, which includes his patented use of harmonics. The suite include:

- ClinicalQ & MiniClinicalQ assessment protocols, that examines 5 sites of the brain and both last less than 6 minutes.
- Excel reports that allow easy interpretation of data, with listed norms, and implementation of a training program.
- Harmonic-testing scripts used to verify the effectiveness of four training harmonics, at various volume levels. They include excel reports for reviewing the volume results.
- "BrainDryvr" training screens categorized into training groups, based on specific EEG bandwidths, amplitudes and feedback sounds. The training screens use harmonics as part of the adjunctive neurotherapeutic process. Training screens are for 1 or 2 monitor computer setups.
- Suite documents — which include technical manuals and a PDF copy of Dr Swingle's book Basic Neurotherapy - The Clinician's Guide.
- Four of Dr. Swingle's specialized harmonics for subliminal training are also included in the purchase.

Education & Training Opportunities

The BFE offers six different types of online lessons/sessions designed to meet your diverse education and training needs. All sessions provide continuing education (CE) credits to psychologists.

- 1-Hour **Introduction to the ClinicalQ & BrainDryvr Suite Webinar**: Jon Bale, BFE Research Manager, reviews the software and documents included in the "ClinicalQ & BrainDryvr Suite" from pre-assessment to training. The webinar covers the following items: authors, purpose of the suite, harmonics, the neurofeedback measurements, the ClinicalQ assessment, ClinicalQ assessment Excel report, Harmonic-Testing script, BrainDryvr training screens, MiniClinicalQ, and suite documents.

- 6-Hour **ClinicalQ & BrainDryvr Class**: this class is well suited for beginners or experienced practitioners that want to use Dr. Swingle's "ClinicalQ & BrainDryvr" methods in their practice. All aspects of using the software will be covered in great detail over the four 1.5-hour session, and recorded data will be reviewed to ensure proper recording. Interpretation of data by the instructor will occur, by Dr. Swingle attending one session (schedule permitting), however focus is maintained on being able to successfully use all aspects of the software and equipment.

- **Swingle Expert Opinion/Grand Rounds**: attend live 60-minute online sessions scheduled monthly to take the opportunity to obtain Dr. Swingle's expert opinion on case examples from your own practice, by reviewing ClinicalQ assessment excel report data and training plan strategies. These Expert Opinion/Grand Rounds sessions are attended by professionals who are able to properly run the ClinicalQ & BrainDryvr suite software and use it with clients, however are learning for strong outside opinion on data interpretation and treatment planning. We strongly encourage attendees to bring in their own case examples for review by Dr. Swingle, although participants are free to attend to listen-in on the cases presented by other attendees. Professionals can sign up for individual sessions or groups of 3 consecutive sessions.

- 1-Hour **Webinars with Paul Swingle**: Dr. Swingle presents several 1-hour webinars per year, on a variety of different neurotherapeutic topics. Refer to the BFE shop for the dates and topics of his next webinar. Sign-up is available for individual webinars or all webinars for the calendar year. Recordings are also available for resale.

For more Information or Questions:

blueswingle@gmail.com

To purchase the suite and/or education & training, go to the BFE Shop:

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 ClinicalQ & BrainDryvr 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. We only ever use two sensors with this suite.
- **ProComp 5 encoder** is similar to the ProComp Infiniti, however can only record up-to 5 channels of data simultaneously. We only ever use two sensors with this suite. (Note: when purchasing the suite for this encoder, purchase the ProComp Infiniti edition of the suite. It works perfectly fine with this encoder.)
- **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. It can record date from up-to two sensors simultaneously.

Select Sensor Measurements for Collecting Data

This list consists of the all sensors necessary for running the suite.

If using the ProComp Infiniti or ProComp 5 encoders:

- **EEG-Z sensors (x2)** are pre-amplified electroencephalograph sensor with built in impedance checking, for measuring brainwaves.
- **EEG monopolar/bipolar kit with DIN cable (x2)** is also necessary to use this sensor.
- **2-Channel electrode connectivity kit** for a monopolar-referential montage.

If using the ProComp 2 encoder:

- **EEG-Z sensor (x1)** is a pre-amplified electroencephalograph sensor with built in impedance checking, for measuring brainwaves. A second EEG-Z sensor is not required, since the ProComp2 encoder already has an EEG sensor built-in.
- **EEG monopolar/bipolar kit with DIN cable (x2)** is also necessary to use this sensor.
- **2-Channel electrode connectivity kit** for a monopolar-refential montage.

Additional Computer Setup Information

The software suite allows (but does not require) for a dual-monitor setup for training clients. Purchase of a second monitor is required if the user wishes to take advantage of that option.

Computers require Microsoft Excel installed in order to generate the ClinicalQ Assessment and Harmonic-Testing excel reports.