



# INTEGRATIVE MEDICINE SUITE

## SETTING-UP-A-STATE-OF-THE-ART-PRACTICE

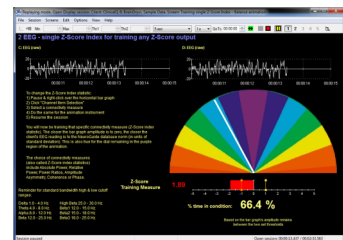
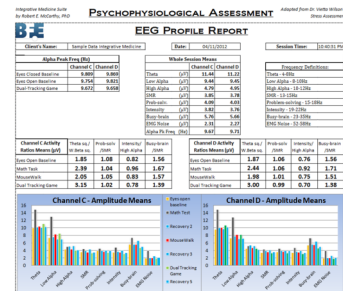
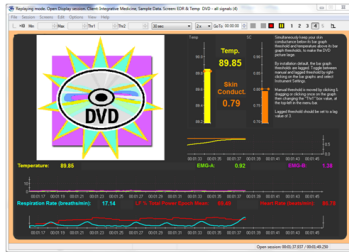
ROBERT E. MCCARTHY, PHD, BCIM, BCG, BCN



### Limited Edition Software Suite

This suite was designed by Dr. Robert E. McCarthy, Ph.D. and members of his international research and education team. This limited edition suite supports techniques utilized and developed by Dr. McCarthy throughout his 30 years providing assessment, diagnosis, remediation, and treatment for individuals with emotional, physical, neurological, and developmental problems. The additional documents included in this suite come directly from Dr. McCarthy's clinic and provide a comprehensive resource for clinicians that desire to set up their own state-of-the-art integrative medicine practice. Professionals, educators and researchers who want to use biofeedback and/or neurofeedback with a general treatment population will benefit from this suite. The suite includes:

- Psychophysiological profile assessment protocol (22min duration, with 15 activities)
- Paradoxical Temperature Increase (PTI) assessment protocol (25min duration)
- Excel reports that allow for easy interpretation of psychophysiological assessment and PTI assessment data (one for each protocol) and implementation of a training program.
- Training screens categorized according to modalities, that are quick to initiate and structured to move from simple tasks to more complex training goals. Also some more specialized training screens are included for atypical training, including Z-Scores.
- Suite documents — which contain over 60 files of technical & clinical information — provided directly from Dr. McCarthy's practice — which provide any clinician a foundation for starting their own state-of-the-art-integrative-medicine practice.



### Education & Training Opportunities

The BFE currently offers one type of online lesson/meeting designed to meet your diverse education and training needs:

- **1-Hour Introduction to the Integrative Medicine Suite Webinar:** Jon Bale, BFE Research Manager, reviews the software and documents included in the "Integrative Medicine Suite" from assessment to training. The webinar covers the following items; authors, goals of the suite, suite documents included by Dr. McCarthy, necessary equipment, sensors & accessories, psychophysiological profile assessment, paradoxical temperature increase assessment, assessment Excel reports, standard and specialized training Quick Start screens.

- **6-Hour Integrative Medicine Class:** online instruction from a qualified instructor on assessing and training a disordered population. This class is well suited for beginners or experienced practitioners that want to use the make of the suite 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 Integrative Medicine Case Conferences:** They would consist of online presentation and discussion with a qualified instructor of case examples from practice, including review of excel report data and training plan strategy. The case conference is attended by professionals who are able to properly run the Integrative Medicine suite software and use it with clients. We encourage attendees to bring in their own case examples for review from an expert opinion.



For more Information or Questions:

[reddrmccarthy@gmail.com](mailto:reddrmccarthy@gmail.com)

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

[www.bfe.org/buy](http://www.bfe.org/buy)



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### 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 application Suites and offers the ability to customize your own screens and suites using the Developer Tool . **BioGraph Infiniti version 5.1.4** is designed to provide full compatibility with the latest Windows 7 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 eight sensors simultaneously.
- **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 data 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:

- **MyoScan-Pro sensor (x2 for standard use or x4 for specialized use with ProComp Infiniti only)** is a pre-amplified surface electromyography sensor for measuring muscular tension. Disposable electrode pads are necessary with these sensors.
- **EEG-Z sensor (x2 for standard use with ProComp Infiniti or x4 for specialized Z-Score use with ProComp Infiniti; x1 for all ProComp 2 uses since a built-in EEG is already included)** is pre-amplified electroencephalograph sensor with built in impedance checking, for measuring brainwaves.
- **BVP sensor (x1 for all uses)** is a blood volume pulse detection sensor (otherwise known as a PPG sensor) housed in a small finger worn package, to measure heart rate & provide BVP amplitude, BVP waveform, HR and Heart rate variability feedback.
- **Respiration sensor (x1 for standard use or x2 for specialized use)** is a durable, latex girth belt for monitoring respiration rate, waveform and amplitude sensor.
- **Skin Conductance (x1 for standard use with ProComp Infiniti & ProComp2 or x4 for specialize use with ProComp Infiniti only; or x2 for specialized use with ProComp 2)** sensor measures the conductance across the skin, and is normally connected to the fingers.
- **Temperature sensor (needed in same numbers as skin conductance sensor)** measures skin surface temperature



### Disposable EMG (MyoScan-Pro) Electrodes

The MyoScan-Pro sensors have two potential electrode placement types, so there are also two types of electrodes for purchase. The **triode** disposable electrode (A) is used for narrow placement and the **unigel** (B) for wide electrode placement. You will need to purchase at least one type of disposable electrode.

### Opportunity for Z-Score Monitoring/Training

The suite contains a few Z-Score monitoring/training screens, so the Z-Score license would need to be purchased to use those. ProComp Infiniti can use 2 or 4 channels of Z-Score, while the ProComp 2 encoder can only use 2 channels of Z-Scores.