

INTERMEDIATE AND ADVANCED QEEG, NEUROFEEDBACK AND LORETA WORKSHOP

**PRESENTED BY SOUTHEASTERN BIOFEEDBACK INSTITUTE AND
DEYMED CORPORATION**

**JULY 20, 21, 22, 2007 COMFORT INN OCEANSIDE, DEERFIELD BEACH
FLORIDA**

JOEL F. LUBAR PH.D. AND STEVEN STOCKDALE PH.D.

We have designed this workshop for clinicians, researchers and QEEG specialists who are or will be using QEEG to guide the treatment of neurobehavioral disorders using neurofeedback and related modalities. At least one-third of the workshop will be dedicated to the detailed evaluation of your complex cases in a group setting using the Neuroguide, SKIL, LORETA, and Novatech databases for the development of specific neurofeedback training protocols. The database evaluation of cases using the Brain Resource Corporation database of 24 channels and more than 3000 cases will be illustrated.

Participants will be able to experience actual EEG recording using the Deymed Truscan 32 system and to see how neurofeedback protocols are set up and used. Methods for obtaining quality recording will be demonstrated as well as detailed methods for artifact removal and distinguishing muscle from EEG in the recordings.

Session data can be automatically graphed both within session and over sessions for all parameters rewarded and/or inhibited as well as all threshold settings. Coherence training will be covered and demonstrated.

This workshop will cover in detail, reading the raw EEG, remontaging, Laplacian, current source density, origin of EEG and recently introduced concepts such as comodulation, phase resetting, synchrony. The newest S-LORETA with more than 6500 locations will be demonstrated.

Participants should bring cases in Deymed, Neuroguide, Lexicor or and other formats that can be inputted into Neuroguide. Eureka-3, SKIL. These

must be coded to preserve confidentiality so that the group can work together with them. We will also have many of our cases to analyze.

Models of connectivity will be discussed as well as concepts from Nunez, Srinivasan (Electric Fields of the Brain) and Buzsaki (Rhythms of the Brain).

The Comfort Inn Oceanside is one block from the Atlantic Ocean at the corner of Hillsboro Blvd and A1A. The address is 50 S. Ocean Drive, Deerfield Beach FL 33441. The room rates are special beginning at \$89.95 and will remain at that rate until June 19th. Parking is \$6 per day on site. There are many restaurants within easy walking distance but breakfast is included with the room rate. We have a large conference room that can easily accommodate more than 30 people with classroom table style setup so that you can use your laptops during the workshop. Lunch and refreshments will be provided.

In July the ocean temperature is 85 degrees and there is a wide beach and boardwalk. The Hotel has an excellent pool with waterslide. So that you can have time to go to the beach either early or after the day's workshop we have scheduled the workshop from 9-4. Sunset is after 8pm.

TUITION: \$895.00 PAID BY EITHER VISA OR MASTERCARD BY JULY 1, 2007. If you choose to pay by check, please make it to: Southeastern Biofeedback Institute and send it to:

Joel F. Lubar Ph.D.
Suite 1214
111 N. Pompano Beach Blvd.
Pompano Beach, FL 33062
954-946-9969 or 865-385-8888(cell) Please call if you have any questions regarding the workshop. Also please contact Dr. Steve Stockdale at 719-471-3460.

The registration form is on the next page and can be emailed to:

jlubar@utk.edu or mailed to the address above. We will accept a \$300.00 deposit but the full tuition must be paid by July 1. Any cancellations after that will result in a \$175.00 non returnable fee.

Please register early since our last workshop in Jan was filled month before the workshop began.

We encourage you to consider making this part of a summer vacation since the hotel rates are special and the beach is spectacular in the summer.

More hotel information can be obtained by calling Gail Farkas-Hotel workshop coordinator at 954-428-0650. or 800.4CHOICE choicehotels.com