Neurofeedback Practicum - Remote Training. (2 HRS)

Thomas Collura, PhD
BrainMaster Technologies Inc., Oakwood Village, OH
tomc@brainmaster.com

Abstract: This workshop will be a hands-on demonstration, and participants are invited to bring equipment for in-class work. The emphasis will be on working up and managing remote clients, using home, school, or office-based equipment. Methods will be shown to handle simple assessments, set up protocols and controls, administer them to clients, and maintain ongoing control and supervision.

Each participant will have the opportunity to understand how to manage remote clients for neurofeedback training, as well as how to set up and monitor training from a central location, with clients in diverse locations.

Recommended Readings:
Gunkelman, J., Johnstone, J., et al. (2002). Incorporating qEEG into neurofeedback protocol development. Los Angeles, CA: Q-Metrx.
Othmer, Sue. (2003). Neurofeedback - An introduction to clinical practice. Woodland Hills, CA: EEG Institute.
Soutar, R. (2002). Doing neurofeedback. Atlanta, GA: Synapse.

Remote Training Practicum

Objective:

Based on the content of this session, the participant will be able to understand how to manage remote clients for neurofeedback training, as well as how to set up and monitor training from a central location, with clients in diverse locations.

Abstract:

This workshop will be a hands-on demonstration, and participants are invited to bring equipment for in-class work. The emphasis will be on working up and managing remote clients, using home, school, or office-based equipment. Methods will be shown to handle simple assessments, set up protocols and controls, administer them to clients, and maintain ongoing control and supervision.

Prerequisites: None

Level of Difficulty: Intermediate

Suggested Reading:

Soutar, R. (2002) Doing Neurofeedback, Synapse, Atlanta, GA

Othmer, Sue (2003) Neurofeedback - An Introduction to Clinical Practice,
EEG Institute, Woodland Hills, CA

Gunkelman, J., Johnstone, J., et. al (2002) Incorporating qEEG into
Neurofeedback Protocol Development, Q-Metrx, Los Angeles, CA

BCIA Areas:

V   (D) INSTRUMENTATION: Computers in Biofeedback
VII (A-D)TREATMENT PLANNING
IX   (A) PROFESSIONAL CONDUCT: Ethical principles, standards

Questions:

1. An intake for a client that anticipates home-based
remote training should always include which of the following:

A. There is no minimum requirement
B. A QEEG workup
C. Face-to-face meeting with client's family/support
D. Same as for an in-office workup
E. C. and D.

2. When monitoring a session that uses autothresholding,
which of the following parameters should be monitored:

A. Signal Amplitudes
B. Percent Time over Thresholds
C. Threshold Values
D. Points rewarded
E. All of the above

3. How much "in-office" training should be expected, before
a typical client can generally be able undertake home-based
neurofeedback training:

A. None
B. 1 or more sessions
C. 5 to 20 sessions
D. 20 to 40 sessions
E. 40 sessions or more

4. Which of the following protocol(s) can be effectively handled
via. remote training:

A. SMR/Theta
B. Alpha/Theta
C. "Squash"
D. Coherence training
E. all of the above

5. Remote training can be conducted safely and ethically in the
home, school, or office if:

A. The client and their support are under clinical supervision
B. A family member is a neurotherapist
C. A family member is a college graduate
D. The equipment ensures quality and reportability of results
E. A. and D.

Answers: 1. E   2. E   3. C   4. E   5. E