

DAY 1 – SATURDAY

Intro to EEG Neurofeedback - We will show how to use neurotherapy in your practice - It is a powerful therapy for ADHD, mood and anxiety disorders, seizures, head injury and peak performance

8:30AM – 12:00PM - INTRODUCTION TO NEUROFEEDBACK

Neurofeedback Terminology

Basic EEG terminology
EEG & Brainwave states
10-20 Electrode Placements

Principles and Practical Considerations

Operant conditioning principles
Model for how neurofeedback works - the modular activation coherence approach.
Intake session, Training parameters.

NeuroIntegrator - System Setup

Introduction to the NeuroIntegrator software & designs
Review of the different software screens.
How to get a good hook-up.
EEG Artifacts.

How to run a session

Snap lead hook-up
Flat lead hook-up
Practice sessions in groups of two.

12:00PM – 1:00PM – BREAK

1:00PM – 3:00PM - BASIC PROTOCOLS

Basic Protocols

Photic Stim Glasses

The Power of Photic Stim
How to use Photic Stim with NeuroIntegrator Sessions

- EEG-Driven Photic Stim
- Enhancing a specific frequency.

3:00PM – 5:00PM - NUTS & BOLTS OF MARKETING

How to market your practice

Advertising your practice

- Brochures
- Mailers
- Open House

DAY 2 – SUNDAY

8:30AM – 12:00PM - EEG NEUROFEEDBACK THEORY

Electrophysiology

Brainwaves, Frequency & Filters, Component Band Analysis

Anatomy & Physiology

Function & Location, Symptom & Location

Functional vs. Effective Connectivity

Activation

The Normal Distribution & EEG

Default Network
Optimal Performance Zone
Abnormal Patterns of Distribution

12:00PM – 1:00PM – BREAK

1:00PM – 2:30PM - NEUROFEEDBACK FOR SPECIFIC DISORDERS

Symptom Based Protocols:

ADD/ADHD , Anxiety, Depression, Dementia, Chronic Fatigue, Closed Head Injury, Insomnia, Essential Tremor, Parkinsonism

QEEG Guided training

Epilepsy, Seizures, Head Injury

Photic Driven Neurofeedback

History of light as medicine
Psychological and physical aspects of different colors
17Hz yellow for activation, 10Hz for calming
Use of Colors/Frequencies – Effects

2:30PM – 4:00PM - PRACTICAL SESSIONS

Managing Artifacts

Dimensions of QEEG
Measures of Connectivity vs. Activation
Magnitude, Dominant Frequency, Coherence, Phase, Asymmetry

Brain Report Interpretation

Multivariate Analysis, Dashboard Analysis, Protocol Analysis

Pre-Post Analysis

Patterns of Change in EEG Distribution
Client Presentation of Results

Training Component Bands

Filters & Thresholds
Evaluating Training Results
Correlating Component Bands with Maps
Harmonic Effects of Entrainment

4:00PM – 5:00PM - QUESTION & ANSWERS, CONCLUSION