

Neurofeedback in School

Reinforcing Brainwaves to Think, Feel and Behave Better

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Applied Behavior Analysis with subtle behavior is biofeedback.
 Monitor a signal from nervous system >
 Feedback signal to reinforce self-learning >
 Improve self-regulation.
 More self-awareness > greater self-control.

Demonstrations

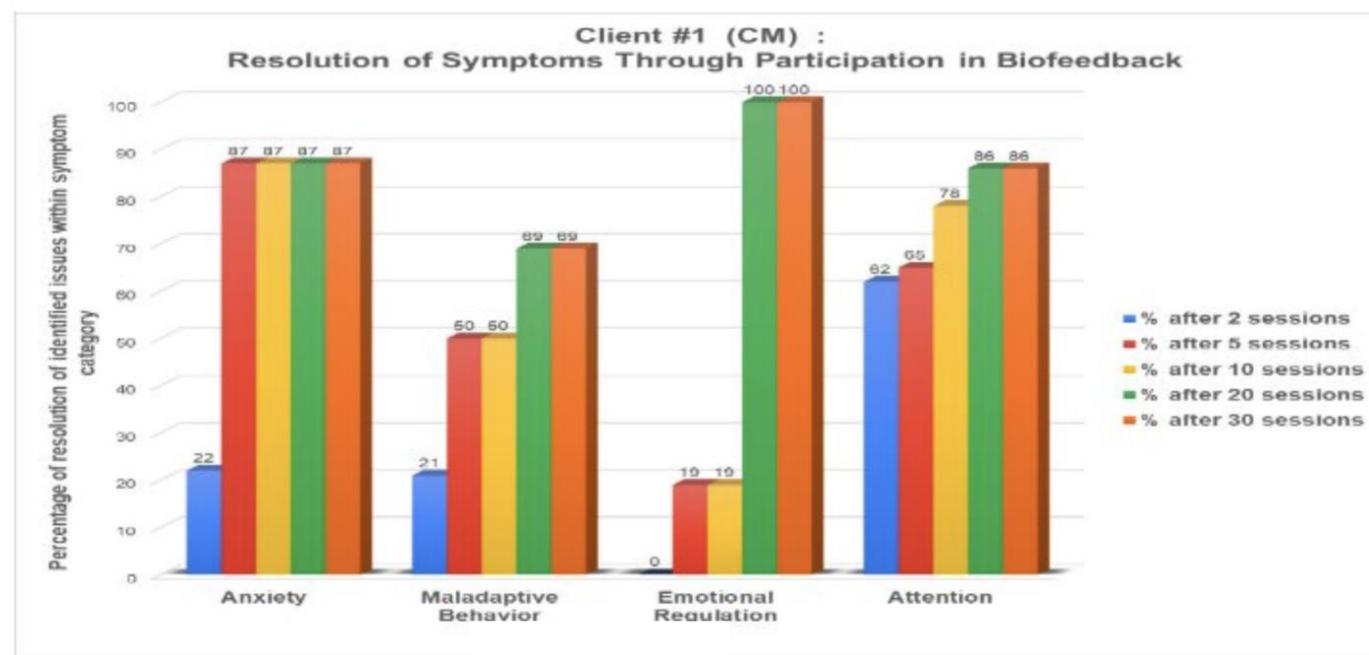
Stand on one foot: eyes closed, eyes open, view reflection.
 Skin conductance. Finger temperature. Heart rate variability.

Neurofeedback
 in School.
 Biofeedback is
 Applied
 Behavior
 Analysis!

Neurofeedback
 is biofeedback
 of brainwaves.
 Sounds and
 morphing
 fractal images
 reinforce
 selected
 brainwaves.

Graph shows
 gradual
 improvement on
 issues such as
 attention,
 anxiety,
 obsessionality,
 behavior.

Individual Participant Data: Resolution of symptoms through participation in biofeedback as per client report



Frequency, Intensity, or Duration of Salient Issues

- Anxiety:** My face gets flush from an anxious encounter at least 2 times per week.
- Behavior:** Improve frustration tolerance. Mini-tantrum for 20 minutes when separated from screen.
- Emotional Regulation:** Makes critical comments to sister. Raised voices for 5 minutes or parental intervention 3-5 times a day.
- Attending to task:** Currently takes 2 hours to complete 30 minutes of homework or projects. Takes 40-60 minutes to do 15 minutes of violin practice with minimal effort and much frustration.