



BIOFEEDBACK FOUNDATION OF EUROPE RESEARCH & DEVELOPMENT

ADD/ADHD

Project Title:

Neurofeedback Training in Children with ADHD

Primary Investigators:

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Project Summary:

The goal of this research project is to verify the impact of neurofeedback training in ADHD kids on their attention and motor control skills, as well as the brain activity associated to these functions. Training sessions are performed with the Procomp+ and the Biograph 2.1 and the NRS-24. Subjects were evaluated before the beginning of the training (WISC-III, Connors, IVA, and QEEG) and they performed a Stroop task as well as a Go/No go tasks while they were scanned with a functional magnetic resonance imaging scanner at Hôpital Notre-Dame, Montreal, Quebec. The same procedure will be performed at the end of the 40-neurofeedback sessions. Subjects (14 in the experimental group and 5 in the control group) are trained in CZ following a SMR/theta protocol during the first 20 sessions and a beta/theta protocol for the remaining 20 sessions. The project will be completed by autumn 2004.