



BrainAdvantage ADHD Client Case Report #1

This client was a 17 year-old male who had issues with impulsivity related to ADHD. He was taking Adderall and at the time he came into the office his demeanor was very subdued and he showed little emotion.

The parents reported he had difficulty with organization and structure as well as concentration and focus.

Assessment

A complete assessment was completed. His results showed high impulsivity even though he was on medication. His brain function was significantly lower in the right frontal lobes and he showed low memory, focus, visual processing and concentration skills.

Neuromotor skills showed he had issues with auditory processing and coordination.

Recommendations/Training

We recommended the client train with BrainAdvantage for 20 sessions. Re-assessments were scheduled following the 10th session and at the end of training.

His training protocol included:

- Audio Visual Entrainment starting in Beta frequencies targeting left at a target rate of 15-18Hz
- HEG Neurofeedback 3x/week for 20 sessions focusing on increasing the activity on his right side.
- Auditory Re-training for vestibular exercise, balance and auditory processing, 30 minutes a day, 5 days a week for 10 weeks.
- Neuromotor skills training 30 minutes 3x/week for rhythm, coordination, visual and auditory processing
- Cognitive software 3x/week for cognitive, memory, recall and sequencing.

BrainAdvantage, LLC

Scottsdale, AZ and Hilton Head Island, SC

During the course of his 1st 10 sessions, the client did extremely well. He started smiling more and was more animated in the office.

10th Session Reassessment

His mid assessment showed marked improvement in impulsivity, neuromotor skills, focus, concentration and memory. His auditory and visual processing was improving. He no longer was distracted by sounds.

At this point he was also starting to smile and look at you during conversations. His parents reported he was doing better in school.

20th Session reassessment

Client has showed significant progress since he began the program. He was no longer taking medication. He is active and happy. His eyes show much more life. His parents report he is doing well in school.

His final assessment showed no signs of impulsivity. His neuromotor skills were significantly improved as was concentration, focus and memory.

Final Observations

This client made remarkable progress. He was able to come off attention deficit drugs while bringing his impulsivity down and improving his attention and focus. His memory scores were dramatically improved and he was able to control issues with distractions in his environment. His parents report he is happy, active and doing great in school.