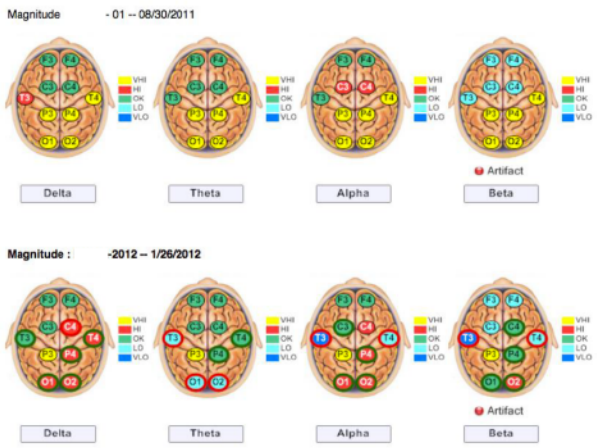
Robots4Autism 'normalizes' brain functions in students with autism

An on-going study of students working with the Robots4Autism curriculum shows improvement in brain function on brainwave scans (QEEG). Children working with Robots4Autism make significant progress in acquiring social and emotional skills and self regulation when thousands of hours of traditional therapy has not produced results. Doctor of Occupational Therapy Shelley Margow, owner and clinical director of Children's Therapy Works used Quantitative Electroencephalograph (QEEG) to map the cognitive function of her patients' brainwaves before and after working with Robots4Autism.

"We started making advances in 3 or 4 months that we were not seeing in years of regular therapy," Ms. Margow stated. "We were even showing improvement in more severe cases that usually show very slow progression of skills."



The brain maps showed that there was increased activity in at least 3-5 functional areas of the brain, and these centers tended to show long term growth.

"Therapy with the robot paves the way for social advancement and makes human therapy much more effective after advances from robot therapy are realized," Ms. Margow continued.

Just as RoboKind identified the issues most people with autism spectrum disorder (ASD) struggle with, Dr. Margow located the sections of her students' brains where abnormal activity took place with emotion and communications. Like most therapists and autism experts, Dr. Margow needed a targeted system that could recondition or help the autistic mind develop the pathways for emotional processing and socialization. Robots4Autism is the perfect solution as Milo's lessons are designed to help children develop self-regulation techniques, understand emotions in others, and develop effective social skills.

After three months of working with Milo, her students' mental maps showed a huge change in how their brains received and processed information. This correlated with the changes in the ASD learner's overall behavior. One particular female student, who had screaming tantrums and other mental health difficulties, completely reformed into a bright, young girl. Her story matches with other Robots4Autism success stories that have circulated in the news. In the last few months, Milo has been featured in several news outlets around the world. In the U.S. alone, Milo and his friends have captured the attention of national news channels like CNN and CBS.

If there is one thing that Dr. Margow's work shows, it is that Robots4Autism and Milo's success with ASD learners is not a fluke. RoboKind is helping people with ASD rewire the way their brains work so they can take control of their own behavior and become more active members in society.