Case Report: Using Eye-Tracking as Support for the TEACCH Program and Two Teenagers with Autism-Spectrum Disorders.

Mobile eye-tracking can be a powerful tool to help in designing strategies to improve learning in individuals with autistic spectrum disorders.

The two teenagers studied in our project, both with autism disorders, use less fixation points to look at these scenes and are slower than peers with normal development. After one year of individualized treatment, the teenagers’ competencies in eye contact with target points were improved.

These preliminary results show that the intervention should take place in ecological conditions and the evaluation using Mobil eye-tracker, something which bypasses language deficits, could be integrated into clinical routines in order to increase generalization.