

## Case Report: victimization EyeTracking as Support for the TEACCH Program and 2 Teenagers with Autism Spectrum Disorders

Giuliani F,

*fabienne.Giuliani@chuv.ch*

*DÃ©partement de psychiatrie du Centre Hospitalier Universitaire Vaudois, Dispositif de collaboration Psychiatrie et Handicap mental*

### Abstract:

Mobile eye-tracking are often a robust tool to assist in planning ways to boost learning in people with unfit spectrum disorders. the 2 teenagers studied in our project, each with syndrome disorders, use less fixation points to seem at these scenes and area unit slower than peers with traditional development. once one year of personalised treatment, the teenagers' competencies in eye contact with target points were improved. These preliminary results show that the intervention ought to manifest itself in ecological conditions and also the analysis victimization Mobil eyetracker, one thing that bypasses language deficits, can be integrated into clinical routines so as to extend generalization. TEACCH (Treatment and Education of unfit and connected Communication unfit children) is an academic program for kids and adults of all ages with ASD (Autism Spectrum Disorder). The TEACCH approach is named "formal education" and is predicated on the actual fact that individuals with ASD suffer from psychology deficits . it's vital to recollect that the goal of this approach is to show the person to measure along with his incapacity, to not cure it. though individuals with ASD area unit heterogeneous, it appears but, as incontestible by Mesibov.

confirmed by several writers like town , Ozonoff et al. and Tsatsanis , constant characteristics that area unit delineated as follows : a big preference for visual information; additional attention to detail with sequencing difficulties and integration signals; sturdy basic cognitive process variability because of hyperacusia or contrary to the intense concentrate on specific interests the foremost issues in social functioning with marked impairment in social interaction problem with abstract ideas and particularly

with. The formal education of TEACCH is to vary the atmosphere to satisfy the wants of individuals with ASD and its effectiveness has mostly been incontestible .However, to use the TEACCH program as with efficiency as doable, it's essential to develop a therapeutic intervention psychological feature behavioural orientation as psychological feature remedy. within the case of ASD amid severe slowness, psychological feature remedy can scale back the hurtful impact of psychological feature impairment in learning. to extend the widespread, intervention should manifest itself in ecological conditions. per the extent of understanding, the schedule is that the real object for college students at a lower level of development, then from an image, to a drawing, to a pictogram and to a word for college students of upper level. therefore the coed incorporates a notion of spirituality in reference to its day and with relevancy the weather shown in his schedule numbers. The schedule conjointly permits asserting the changes; the sudden. The student starts work by combining the colour placed on his table and also the corresponding locker. The last card is that the transition card that brings him back to his schedule or game (indicated by the arrow within the illustration above). The program TEACCH consists principally of autonomous add that the coed understands the task with a target processed straight off intelligible. On the opposite hand, while job coaching wherever the activity takes place in couple (student and teacher). during this case, the teacher shows the coed what he expects of him and indicates the time it'd take with the same work pattern to it in school. operating schema related to coloured lockers (bottom right) for the work to be done throughout work severally

At birth, he was diagnosed with a big tone of unknown origins. The medical exams conducted at that point failed to ever reach an exact designation. At four years recent, he exhibited associate degree autism-like disorder, tone of the lower limbs, associate degree spatiality of the higher limbs and difficulties manipulating tactile stimulations. At 10, he exhibited a severe ID and he's powerless to decorate or undress himself. once he walks, he drags his feet on the bottom and is in danger of tripping. His PEP-R indicates.