

**‘Specialization in ICTs and Special Education: Psychopedagogy
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DEMOCRITUS UNIVERSITY OF THRACE Department of Greek
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Institute**

**IMPACT OF AN INTERVENTION PROGRAM ON ADULT
PERFORMANCE IN AUTISM SPECTRUM TEST IN RESPONSE TO
VISUAL AND AUDITORY STIMULUS**

PAPATHANASIOU ATHANASIOS

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ABSTRACT

The aim of this research was to review the effect of an intervening program on the reaction time to visual and auditory stimulation of adults with autism spectrum disorder. The cross section of the research comprised 12 individuals with ASD aged 19-40 years old, all trainees of the Children's Special Education Center with Special Needs (C.S.E.C.S.N.) "Orizontes". The reaction time to visual stimulation was calculated with the "red light-green light reaction time test" and the reaction time to auditory stimulation with the "sound reaction time" test. The program included 6 games improving reaction time and lasted 5 weeks and 15 sessions totally were held each of which lasted 20 to 25 minutes 3 times per week. The program and the assessment were conducted at the C.S.E.C.S.N. "Orizontes" gym. Descriptive statistics were used for the results breakdown, thus the difference noticed after the end of the intervening program for every trainee is described. According to them, the reaction time of the trainee's to visual stimulation was deteriorated while the reaction time of the trainee's to auditory stimulation was improved after the end of the intervention.

Keywords: autism spectrum disorder, response to stimuli, adults.

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