

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

**SCIENTIFIC HOLISTIC MODELS AS AN INTERVENTION IN
PERVASIVE DEVELOPMENTAL DISORDERS (AUTISM
SPECTRUM DISORDER**

MANIAKOUDAKI KONSTANTINA

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ABSTRACT

Autism Spectrum Disorder (ASD) is a neurodevelopmental disorder characterized by deficits in communication and social interaction and limited, repetitive patterns in behaviors, interests, and activities. Symptoms appear early in development and affect the daily functioning of people with autism. The term "spectrum" is used because of the heterogeneity in the presentation and severity of the symptoms of autism, as well as in the skills and level of functioning of people with this disorder. A large number of scientific holistic interventions has been implemented to reduce these basic symptoms of autism. This research is a bibliographic review that focuses on scientific holistic interventions applied to people with autism, focusing on general education programs, sensory interventions, complementary and alternative therapies, and finally, the use of Information and Communication Technologies and robotics. The results showed that implementing appropriate holistic interventions can effectively improve the appearance of underlying symptoms of autism, such as social interaction, language deficits, eye contact, behavioral problems, social skills, improved self-esteem and lead to a better understanding of the emotions of the people to whom they are applied. Therefore, we conclude that scientific holistic models can be an effective method of intervention in Pervasive Developmental Disorders (autism).

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