

# Treatment and Therapy for Autism Spectrum Disorder (ASD)

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## DESCRIPTION

The complex neurodevelopmental disorder known as Autism Spectrum Disorder (ASD) has an impact on behavior, social interaction, and communication. The symptoms of ASD vary greatly from person to person, making diagnosis and treatment a challenge. However, early intervention and appropriate therapy can make a significant difference in the lives of individuals with autism. ASD is a spectrum disorder, meaning that it affects individuals differently and to varying degrees. Repetitive behaviors or interests, difficulties in social interaction and communication are characteristics of the disorder. Some individuals with autism may have difficulty with verbal communication, while others may struggle with nonverbal communication, such as facial expressions and body language. Some individuals may exhibit repetitive behaviors, while others may have difficulty adapting to changes in routine.

Diagnosis of ASD typically occurs during early childhood, and it is often diagnosed through a series of evaluations, including developmental and behavioral assessments, medical exams, and genetic testing. Despite the fact that ASD has no known cure, early intervention and appropriate therapy can significantly improve outcomes for individuals with autism.

## Types of autism therapy

There are many different types of therapy available to help individuals with ASD. The most effective therapies tend to be those that are tailored to the individual's specific needs, strengths, and challenges. The following are some of the most commonly used therapies for ASD:

**Applied Behavior Analysis (ABA) therapy:** ABA therapy is a type of behavior therapy that focuses on teaching new skills and behaviors and reducing problem behaviors. The therapy is based on the principles of behaviorism and uses positive reinforcement to encourage desired behaviors. ABA therapy is most effective when started early and when delivered intensively, typically for 20 to 40 hours per week.

**Speech therapy:** Speech therapy can help individuals with ASD improve their communication skills, including language

development, articulation, and social communication. Speech therapy can also help individuals with ASD learn to use alternative forms of communication, such as sign language or assistive technology.

**Occupational therapy:** Occupational therapy can help individuals with ASD develop the skills needed to perform daily activities, such as dressing, eating, and grooming. Occupational therapists may also work with individuals with ASD to improve their motor skills, sensory processing, and social skills.

**Social skills training:** Social skills training can help individuals with ASD improve their social communication and interaction skills. The therapy typically involves role-playing and other interactive activities that teach individuals with ASD how to initiate and maintain social interactions, read social cues, and respond appropriately in social situations.

**Sensory integration therapy:** Sensory integration therapy can help individuals with ASD who have sensory processing issues. The therapy typically involves exposing individuals to a variety of sensory experiences in a controlled and structured environment to help them develop appropriate responses to sensory input.

## Benefits of autism therapy

The benefits of therapy for individuals with ASD are numerous. Therapy can help individuals with ASD:

**Improve communication:** Therapy can help individuals with ASD improve their communication skills, which can lead to better relationships and improved academic and career outcomes.

**Enhance social skills:** Therapy can help individuals with ASD develop the social skills needed to form and maintain relationships with others.

**Increase independence:** Therapy can help individuals with ASD develop the skills needed to live more independently, including self-care skills and life skills.

**Reduce problem behaviors:** Therapy can help individuals with ASD reduce problem behaviors, such as tantrums, aggression, and self-injury.

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**Received:** 28-Feb-2023, Manuscript No. AUO- 23-22854; **Editor assigned:** 02-Mar-2022, Pre QC No. AUO- 23-22854 (PQ); **Reviewed:** 16-Mar-2023, QC No. AUO- 23-22854; **Revised:** 23-Mar-2023, Manuscript No. AUO- 23-22854 (R); **Published:** 30-Mar-2023, DOI: 10.35248/ 2165-7890.23.13.366

**Citation:** Morries L (2023) Treatment and Autism Therapy for Spectrum Disorder. *Autism: Open Access.* 13:366

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**Improving quality of life:** Therapy can help individuals with ASD improve their overall quality of life by improving their ability to communicate, interact with others, and participate in daily activities.

## CONCLUSION

Because of the wide range of symptoms and severity experienced by individuals with autism, the condition is referred to as a

spectrum disorder. ASD can be diagnosed in people of any gender, race, ethnicity, or economic status. Treatments and services for ASD can improve a person's symptoms and daily functioning, even though the disorder can last a lifetime. All children should be tested for autism, as the American Academy of Pediatrics advises. A screening or evaluation for ASD should be discussed with the child's doctor.