## **Autism Spectrum Disorder**

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## Autism spectrum disorder

**About** 

- A group of neurodevelopmental disorders is referred to as autism spectrum disorder (ASD).
- The cause of ASD is still a mystery to researchers. On the other hand, they are beginning to realize that a disorder of the gut-brain axis may play a significant role
- The study of the factors that lead to a condition or disease is called aetiology.
- It is a complex brain development disorder that manifests itself during a person's first three years of life.
- Autism is not mental retardation because individuals with the disorder may possess exceptional skills in areas such as writing, music, and art. Individuals with ASDs have extremely varying levels of intellectual functioning, ranging from severe impairment to superior levels.

## Causes

- Environmental and genetic factors are likely among the many factors that increase a child's risk of having ASD.
- One in every 100 children is affected by ASD, according to the WHO.

(ASD) Symptoms

 Social interactions in children with ASD are hampered, they lack the ability to communicate verbally and nonverbally, and they exhibit restricted and repetitive behaviors.



- United Nations Convention on the Rights of Persons with Disabilities (UNCRPD), Sustainable Development Goals deal with rights of people with disabilities including autism
- The Right of Persons with Disabilities Act, 2016 increased the types of disabilities from 7 to 21. It also added autism spectrum disorder among others, which were largely ignored in earlier Act.
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- In 2014, the World Health Organisation (WHO) adopted a resolution entitled "Comprehensive and coordinated efforts for the management of ASD," which was supported by more than 60 countries.
- In 2008, the United Nations General Assembly unanimously declared 2nd April as World Autism Awareness Day.

## Cure

 Even though autism cannot be cured, appropriate interventions, such as evidence-based psychosocial interventions, behavioral treatment and skills training programs for parents and other caregivers, health promotion, care, and rehabilitation services, and so on, can address the symptoms of the disorder.



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