



# The amplitude of homoeopathy in autism spectrum disorder (ASD)

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## ➤ Abstract:-

- The number of patients of autism spectrum disorder are increasing in the pediatric age group nowadays worldwide as well as in India. At present, the incidence is about 1 per 100 children worldwide which is a very alarming sign for social health. In India also roughly 24 cases were reported per 10,000. The country with the highest rate of diagnosis autism is Qatar and the lowest rate is France. When a child suffers from ASD, it is not only limited to their parents or family but the society and whole nation automatically will be affected. As there are limited sources of management for Autism Spectrum Disorder, with homoeopathy we can give a ray of hope to the parents. So, in my study, I am going to elaborate on the scope and limitations of homoeopathy which will be helpful to improve the present scenario.

## ➤ Keywords:-

- Developmental disorder, Autistic, Individualization, Counselling, Tuberculinum, Selenium, Baryta carb, ASD, Homoeopathy.

## ➤ Introduction:-

- It is a neurodevelopmental disorder in children. In which the child removes his/herself from social interaction and communication. It is also called pervasive developmental disorder and it is a parent disease in which a child is a victim. SD is qualitative deprivation in verbal and non-verbal communication, social interaction, imagination and low intelligence. Children between 3 to 17 years of age are diagnosed with this developmental disability. It cannot develop in

adulthood. There are 3 categories of ASD in which mild is curable within 1 to 4 weeks, moderate within 4 to 12 months and severe within 2 to 3 years. The myth regarding this disorder is that it is not curable.

➤ **Etiology:-**

- Neurological:-Damage to the formation of the brain stem in 5<sup>th</sup> week of intrauterine life.
  - Genetic Predisposition:-Chromosome number 7, 2, 4, 15 & 19 contribute to the genetic basis of autism disorder.
  - Complications during pregnancy, Difficulty during delivery, Nutritional deficiency in the mother during pregnancy.
  - Environmental factors:-Viral infection, certain medications and air pollution play an important role to trigger autism disorder.
  - Deficiency of omega 3 and zinc, protein, fibre, calcium, vitamin B12, iron, etc.
- ✓ Pathologically there is an abnormality in the cerebral cortex, in the pathway of dopamine, serotonin and catecholamine and there is ventricular enlargement. Commonest affected area is the temporal lobe. Other systems may be affected like GIT, special senses and CNS causing seizures, migraine, and headaches.

➤ **Clinical presentation:-**

- Sometime autism disorder occurs with ADHD, intellectual disability, Seizure and some other medical conditions.
- Lack of interest, concentration, facial expression and interaction.
- Poor eye contact, Hand flapping, Toe walking.
- Nonverbal and Deficits in social communication, wants to be isolated.
- Learning disabilities and Unable to understand the world around them.
- Fails to develop a normal relationship.

➤ **Diagnosis:-**

- Diagnosis can be done with the help of the developmental history and behavior of a child. Psychological evaluation, language, speech, IQ assessment and Observation of child by the physician. In a few cases EEG, neuroimaging and karyotyping may be needed.

➤ **Management:-**

- ✓ Counselling of parents and child is the most essential part of management along with the following therapy:-
- Speech therapy
  - Language therapy to improve understanding
  - Physical therapy to improve physical skill
  - Sensory integration therapy to improve response
  - RDI:-Relationship Development Intervention

### ➤ HOMOEOPATHIC APPROACH:-

- No specific treatment to treat ASD till today but if we integrate well-indicated homoeopathic medicine with above mention therapies it can give excellent results. A homoeopathic prescription is based on a person's mental, intellectual and overall personality so it can treat this disorder in an easy and reliable way because Autism Spectrum Disorder is also related to emotional and intellectual levels depending on past, family, personal history, mother's health status during pregnancy etc. We can individualize the patient and find out characteristic individual symptoms & constitutional approaches which help us to select the most similar homoeopathic medicines which are free from harmful side effects, easy to consume, safe for kids and give chance to develop their own antibodies.

### ➤ HOMOEOPATHIC THERAPUTICS:-

#### ✓ For Developmental delay:-

- Calcarea carbonica:-child is unadventurous and dull, only interested in watching T.V, delayed walking, sleeping, and learning, child may suffering from lack of parental communication and protect Himself from an unhappy atmosphere at home.
- Calcarea phosphorica
- Baryta carb:-Developmental delay due to trauma or vaccination, a baby is dull and unresponsive, delayed smiling, walking, and standing, talking, writing, and social development are also delayed, child is very shy and oversensitive, does not cooperate and is not interested in doing anything so, difficult for the parent to handle.
- Tuberculinum and carnosin:-Low immunity and Autism.
- Silicea and Aethusa

#### ✓ For poor memory:-

- Ambra grisea:-Cannot remember simple words, thinking process is difficult, forgets simple words easily
- Anacardium orientale:-To improve memory, students will forget studies before exams, which impaired memory.
- Lycopodium clavatum:-fright of appearing in public, baby wants to be alone, lack of confidence, weak memory, confusion, cannot tolerate opposition, baby cannot read what he writes and writing wrong words.
- Phosphoricum Acidum
- Helleborus niger

- ✓ For speech delay:-
  - Selenium
  - Argentum metallicum:-Useful medicine for a nervous baby, baby has a great craving for sweets.
  - Nux vomica
  
- ✓ For Behavioral disorder:-
  - Stramonium:-Baby want light but cannot endure shining bright object and cannot remain in a dark place alone, baby is too much horrify by hallucinations, the child feels that he is seeing a ghost and hears a strange voice and child talks in unnatural language.
  - Terentula hispanica
  - Cina:-Child starts screaming during sleep, wants many things but refuses all things when offered, cries does not give relief and attack convulsion during sleep.

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