

Summary acharya, adeli, bairy, and adeli, 2014, p.

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Summary In the article "Autism: Cause Factors, Early Diagnosis, and Therapies" Shreya Bhat, U. Rajendra Acharya, Hojjat Adeli, G.

Muralidhar Bairy, and Amir Adeli discuss the different types of autism and several possible causes of autism. Out of all of the disabilities, autism is among the fastest growing, and according to the CDC, 1 in 68 are born with autism (Bhat, Acharya, Adeli, Bairy, & Adeli, 2014). Autism cannot be cured. However, there are many things that can be done to help those who have autism. Bhat, Acharya, Adeli, Bairy, and Adeli (2014) discussed the three main types of autism as autistic disorder (or classic autism), Asperger's syndrome, and pervasive developmental disorder. There have been many different studies and lots of research done to try to figure out the causes of autism.

The authors also gave five possible causes of autism in the article: "genetic/chromosomal variations, over-connectivity between neural assemblies, under-connectivity of functional brain regions, environmental factors, and impairment in white matter connectivity and gray matter diffusivity" (Bhat, Acharya, Adeli, Bairy, & Adeli, 2014, p. 4). Because not every case of autism is diagnosed at the same time or age, it can be difficult to know all of the causes of autism. Analysis of Author's Key Points Autism spectrum disorder (ASD) is defined as "a complex neurobiological disorder characterized by neurobiological and behavioral deficits" (Bhat, Acharya, Adeli, Bairy, & Adeli, 2014, p. 1). CHD8 or "chromodomain helicase DNA binding protein 8" is a mutated gene that has been found to be associated with autism (Bhat, Acharya, Adeli, Bairy, & Adeli, 2014, p. 4).

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GABA In individuals who have ASD, the neural connectivity is increased, causing various musical abilities to be retained. These variations are classified as symptoms of autism. Virtual reality is used to help with early diagnoses of autism through helping to monitor eye gazes of individuals.

Personal Reflection One can see that, through this study that there is constant research being done for people to learn more about