

Autism Winnipeg

Autism Winnipeg - The neural development disorder labeled autism is often characterized by social interaction, impaired communication and by repetitive and restricted behavior. These characteristics will usually become present before the child reaching the age of three.

Autism affects how the nerve cells and their synapses organize and connect and this affects how information is processed in the brain. How and why this takes place is not greatly understood. There are 3 known disorders in the autism spectrum: Pervasive Developmental Disorder-Not Otherwise Specified, which is likewise known as PDD-NOS, and Asperger Syndrome. Asperger Syndrome lacks delays within language and cognitive development. PDD-NOS are diagnosed when the full set of criteria for Asperger Syndrome or autism are not met.

There seems to be a strong genetic basis for autism. The genetics of autism are complex. It is not clear whether these conditions are explained by rare combinations of common genetic variants or more by rare mutations. In several circumstances, autism is strongly associated with agents which lead to birth defects. There have been controversies surrounding proposed environmental causes including heavy metals and pesticides. At one point there was concern concerning childhood vaccines however this hypotheses is biologically implausible and lacks strong scientific proof.

Statistics place the prevalence of autism at about 1 to 2 individuals per one thousand individuals across the globe. Within the United States, the Centers for Disease Control and Prevention reports that approximately 9 out of one thousand kids are diagnosed with a kind of autism. Ever since the 1980s the number of individuals diagnosed has dramatically increased. This could be partially because of the changes in diagnostic procedures. It is difficult to determine if the actual prevalence has increased.

Parents will normally start to notice signs of autism within the first 2 years of their child's life. The signs would gradually develop, whilst several kids will initially develop more normally and after that they regress. Early cognitive intervention or behavioural therapy could help autistic kids gain social skills, communication skills and self-care.

There have been several cases where children have recovered, although there is no known cure. Several individuals believe that changes to the food intake and the prevention of certain environmental additives and chemicals would help to cure this condition. The majority of children with autism do not live independently once they become grown-ups, but some have become successful.

Characteristics

The characteristics of autism are often highly variable. Initially, this neuro-developmental disorder appears in early childhood and typically follows a steady course without remission. Some indications appear about 6 months of age and then become more established by age 2 or 3, and can continue into adulthood. Autism is characterized by a triad of symptoms consisting of: restricted interests, communication impairments, impairments in social interaction, and repetitive behavior.