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***Health Bulletin/Newsletter-33***  
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### **Autism Spectrum Disorders and Pervasive Developmental Disorders**

For the past month Autism has been the topic of discussion on television, radio and newspapers across this nation. The New York Times article of 3/29/12, Diagnoses of Autism on the Rise, Benedict Carey reported a 20 percent increase from 2006 to 2008. This means that one birth in 88 will receive an autism spectrum disorder diagnosis by age 8, this up from one in 110 the year before and up for one in 155 from 2002. It had also been reported that if the male is over 35 years of age at time of conception it increases the odds of autism. Just this week it was reported that overweight women had a greater likelihood of have an autistic child. We saw the implication of mercury (Thimerosal) in vaccines as being one of the possible causative agents, but that was removed from most childhood vaccines in 1999 and yet the rate of autism is still growing exponentially it has become an epidemic. Another factor that may be a precipitant for autism in susceptible children is the fact that United States has the highest number of mandated vaccines for children under 5 in the world, which are currently number 36.

There may be other environmental factors pollution with heavy metals, perhaps food allergies, nutritional deficiencies such as folic acid and vitamin B12. There may even be some genetic disorder that may play a role in the epidemic. The current diagnosis of this condition in 1980, DSM III (diagnostic and Statistical Manual of Mental Disorder, 3<sup>rd</sup> Edition has five criteria: (1) Lack of responsiveness to others; (2) language absence or abnormalities; (3) resistance to change or attachment to objects; (4) absence of schizophrenic features: and (4) onset before 30 months. In the 1960's autism was some time termed childhood schizophrenia. The symptoms of schizophrenia are very similar starting with early signs: (1) language delays; (2) late or unusual crawling; (3) late walking particularly on the toes; (4) abnormal motor behaviors, such as rocking or arm flapping; in fact ruling out pervasive developmental disorders (PDD) is important for proper treatment. Later signs in schizophrenia which also seem like autism is (1) lack of emotion; (2) social withdrawal; (3) Agitation, (4) strange eating rituals; all of these can also be seen in the autistic child.

This disorder just seemed to appear about 69 years ago, this strange because historical observation it was unknown in ancient cultures or even medieval times. So the question we should be asking is what happened about 69 years ago that has been increasing over this period of time? Leo Kanner, MD while at John Hopkins first described autism in 1943 and Hans Asperger, MD described highly recognizable symptoms in 1944. The answer to this question is radar started being used by the US navy in 1941 and then the advent of the cell phone in Chicago in 1983 and the rapid acceptance by the American public since it first appeared on the seen. Both radar and cell phone transmit microwave radiation. I am not saying that the use of cell phone is causative but the proliferation of the cell phone tower have increased greatly in New Jersey this is a list of the location of every tower and the current number is 655. These radio waves are everywhere you only need the right receiver to hear or see them. This means radio AM or FM, short wave, television, and cell phone are all part of this radiation exposure which is part of the electromagnetic spectrum and has effects on living tissue. This information can be read in a number of books, The Effect of Magnetisms on Living Tissue, The Body Electric and Cross Currents, by Robert O. Becker, MD.

The effect of microwave transmission was researched in 1964 at John Hopkins School of Medicine showing an increased occurrence in Down's syndrome births in women exposed to x-ray and men working near radar such as pilots and flight controllers. Paul Brodeur a reporter who wrote *The Zapping of America*, in 1977, that showed Down's syndrome births occurred at a greater rate than in the general public to pilots reported in *Journal of the Air Line Pilots Association*. So this appears to be a factor that has been overlooked.

The total number of cell phone towers and repeater antenna in the continental US has reached 1,900,000 this average out to 39,583 per state. Total number of towers 475,503 and antenna 1,525,031 with the greatest towers located in Texas at 44,046 and antenna in California at 115,735. This information can be check on web site [AntennaSearch.com](http://AntennaSearch.com) and is current date 4/15/2012, and represents both transmitting and receiving and amplification system that are ever increasing and blanketing this nation. The great increase takes place after advent of cell phone in 1983 and begins the meteoric rise after 1992 to the current level of one in every 88 births, reported by the CDC in it 2008 report.

So what can you do if you suspect that your child or grandchild has this problem? Early intervention obviously starts with proper diagnosis, which should begin with the pediatrician. Other health care professions such as neurologist and psychologist should be contemplated. With special attention to nutrition and chiropractic care especially with emphasis on proper cranial respiratory movement.

If you require further information call my office and we will try to assist you in finding right help.