

AUTISM

THE MISSING LINK IN ITS CAUSE

By Roger L. Turner DC

Why Do Children Develop Autism Spectrum Disorders?

The age of blaming the parents and genetics for the cause of autism have passed. It is believed that Autism is a neurological condition usually developing around the 18-month mark. Parents and researchers have equated the onset of Autistic Spectrum Disorder (ASD) with the same symptoms as mercury poisoning. ASD is a variety of neurological conditions varying from severe Autism to very mild behaviour problems. In the middle of this spectrum are: Aspergers, PDD, ADD, ADHD, ODD, OCD, learning difficulties, criminal behaviour, defiant behaviour, retardation, epileptic seizures, absent seizures, anxiety, depression, aggression, and suicide.

Today, most medical literature states that the cause is still unknown. There are many possibilities to be considered as contributing causative factors, but no one had put it all together until now.

Autism Epidemic

- To be classified as an epidemic there must be 35 cases of polio in 100,000 population.
- The population of the U.S. is 307,212,123 (July 2009 est.) World Fact Book
- The number of ASD conditions is 1,500,000. That is 294.8 cases per 100,000 population. I think that would classify as an epidemic, don't you?
- When 1 in 3,000 Americans came down with polio it gained national attention and there was a demand for action. We don't see this happening with autism, yet this looms over us as a disaster.
- Autism is increasing in catastrophic epidemic proportions. This year there will be 255,000 new cases of Autism Spectrum Disorder, 85,000 of which will be severe cases of autism.
- In February 2007, the Centers for Disease Control and Prevention issued their ADDM autism prevalence report. The report concluded that the prevalence of autism had risen to 1 in every 150 American children, and almost 1 in 94 boys. This was not a surprise to ASA or to the 1.5 million Americans living with the effects of autism spectrum disorder
- Currently, ASA estimates that the lifetime cost of caring for a child with autism ranges from \$3.5 million to \$5 million, and that the United States is facing almost \$90 billion annually in costs for autism (this figure includes research, insurance costs and non-covered expenses, Autism society of America.
- **Cambridgeshire Study Confirms 1 Per Cent Prevalence Of Autism**
media-newswire.com/release_1092032.html "The two independent sources of information - the SEN register and diagnosis survey - provide converging evidence on the prevalence of autism spectrum conditions as being around 1 per cent of primary school-age children. This is about 12 times higher than 30 years ago; including the previously undiagnosed cases, this means that 1 in 64 children may at some point in their lives require support and services."
- The number of children diagnosed with autism today is deeply alarming. The 1 in 150 number often used here in the U.S. is actually from 7 years ago, and we're hearing more recent numbers well below 1 in 100 in states like Minnesota, New Jersey, and Oregon, to name just a few. Published studies in the 1970s showed an autism rate of 1 in 10,000, so autism has grown 100-fold, or 10,000%, numbers that are nearly impossible to imagine. <http://larrykinglive.blogs.cnn.com/lkl-blog-exclusive-autism-is-preventable-and-reversible/> The 1-in-150 rate was the result of studies on eight year olds
- The Center for Disease Control (CDC) states that 1 in every 150 children has an autism spectrum disorder. But a report from the Vaccine Autoimmune Project puts the autism prevalence at 1 in every 67 children, based on Department of Education statistics.

If your child is on the 63 side, it's interesting. If they are on the 1 side, it is devastating.

Enough with statistics, what can be done?

They would have us believe that the characteristic signs of Autism went unnoticed for the last 20 years and only now are they able to recognize the stimming, echolalia, and bizarre behavioural symptoms. The question is where are all the Autistics that went undiagnosed? We should have them view *Autism the Musical* by Elaine Hall (2008) on HBO and explain how they missed these signs.

We have been helping the families of the spectrum for 23 years, having seen over 4,000 cases. We have been attacked for treating a medical condition that is out of our scope of Chiropractic practice. My rebuttal to this accusation is that the children are diagnosed long before they get to our office. The parents are given the diagnosis and a pamphlet on behaviour modification and sent on their way with no real hope of any help. The parents feel that they have been abandoned with no direction or solution. Furthermore: If the children were getting better with medical treatment they would not end up in our office.

“We are not treating medical conditions or using any medical procedures, only correcting the misalignments in the spine and skull and amazing things happen.” Dr. T

My experience with these parents is that they have had to help themselves and search out alternative possible solutions. The parents that come to our office are very knowledgeable and most have done everything they can to help their child.

They are knowledgeable, yet very skeptical when they arrive at our office, having tried everything else and spent 10's of thousands on treatments that did not produce the results they were looking for.

Only 1 in 64 or 67 children developed Autistic tendencies and other 63 or 66 did not?

This statistic would be a much higher percentage if it included all the conditions in ASD. What we are concerned with here is why some children are more susceptible to these conditions?

Answer: When the following causative factors are present in the 18 month old, they are much more susceptible to an ASD type reaction from mercury toxicity.

Causative Factors

There are many causative factors involved with the ASD child. They all play a role and all must be addressed in order to facilitate a turn around. Some of them play more of a priority in some cases than others, but most, if not all will be there to some degree.

- Most parents have been misled, misinformed or not informed at all about their choices in health issues.
- The child has a decreased ability of the immune system to handle stressors.
- The presence of mercury, which is extremely neuro toxic. There are many sources to consider, the two main ones are the parent's amalgam fillings and mercury from the preservative called thimerosal.
- A pre-existing yeast and/or parasite infection in the mother that is transferred to the child in-utero, producing a multitude of immune, digestive and toxic effects on the child's nervous system.
- Food allergies, mainly to milk and wheat.
- The parents are the second or third generation of poor eating habits. Junk food does not usually improve the immune system.
- Gastrointestinal abnormalities: Leaky gut, poor or incomplete digestion, poor absorption of nutrients, deficient bacterial flora and the presence of the measles virus in the intestine.
- **The missing link is the misalignments of the spine and skull.**

The Cranial Misalignments Are Never Mentioned In Autism Research

- **When the skull is out of place the space between the skull and brain decreases. This is where the blood supply and Cerebral Spinal Fluid (CSF) that nourish the brain is located. Therefore, misalignments will decrease the blood and CSF and the brain will not function as well.**
- The baby suffers a traumatic birth (forceps, vacuum extractor or suction) producing subluxation in the spine and skull.
- They may also experience a fall or accident of some kind causing a head injury. Such as: tumbling down the stairs, falling out of bed, toppling off the change table, being involved in a car accidents or possibly physical abuse.

- When you combine all these factors, the mother gives birth to a sub-clinically unhealthy baby whose fragile immune system is inadequate to handle the adverse reaction of the toxins from thimerosal, formaldehyde and aluminum. The baby is born with a yeast overgrowth; it is toxic, has a leaky gut, is malnourished, dehydrated and most importantly the skull is misaligned.

Note on Mercury

The convincing, scientifically accepted evidence that mercury is neuro toxic was demonstrated at the University of Calgary in 1997 by Loeng, Syed, and Larscheider when cultivated brain cells were subjected to 10 to the minus 10th power of mercury. This is such a small amount it is almost undetectable. But the destructive affect on the brain cells was immediate and extensive.

***View video on you tube at “How Mercury Kills the Brain ~ Autism”**

Parent Case Histories

When assessing an autistic child, it is necessary to take extensive parental case histories as well as the child’s to determine the health of the parents prior to and during pregnancy. This is because the health of the parents at the time of conception directly determines the health of the baby.

When some parents first read this article they misunderstand my direction and felt that I was blaming them for their child having Autism. This is not the case. Unfortunately many well intentioned parents have been misled or misinformed when it comes to health matters such as: diet, antibiotics, amalgam fillings, Chiropractic and mercury toxicity. Today, more than ever, it is necessary for the parents to become self educated in matters of their own health. It has become obvious that we have been and still are being betrayed when it come to our health. I am not blaming the parents, only pointing out where the causative factors may have originated. The responsibility lies in identifying and correcting these factors, no matter how they got there.

We were taught in Chiropractic College that many conditions are genetic, but after a very short period of time in practice it becomes evident that the children also inherit the life styles and personal habits of their parents. These are sometimes more significant because, to date not much can be done about genetics therefore, we are concentrating on what we can correct.

Typical Findings in the Parent’s Case History:

- The parents are uninformed or misinformed about their choices in health issues.
- Some parents have show a lack of concern when they are young about their own health and personal habits such as: smoking, drinking too much alcohol and coffee and experimenting with recreational drugs.
- The Standard North-American Diet (SAD diet), is prevalent in many cases. This diet consists mainly of nutritionally deficient, commercially prepared, microwaved or deep fried junk food. The parents can be the 2nd or 3rd generation on this type of diet.
- Some parents are dehydrated. The first sign of dehydration in the pregnancy is morning sickness.
- The use of anti-biotics and birth control pills, which produce yeast infections, is common.
- The level of toxins consumed is usually high. Neuro toxins such as: fluoride, mercury, formaldehyde, aluminum, salicilates, aspartame and lead.
- Eating right for their blood type is not even a consideration.
- The clincher and determining factor in their ability to maintain their health is the lack of regular care of their spine and skull, which would have helped keep them free of the devastating effects of subluxation. A regular level of spinal care is rarely seen in the families of Autistics.

The Following Case History Scenario is also Typical for the Child:

- **The baby’s skull has become misaligned from forceps or other forms of instrumental deliveries.**
- The baby is either not breast-fed or it is discontinued prematurely. The baby does not receive the benefit of the immunity protection obtained from the first mother’s milk (Colostrum).
- If the baby does get breast-fed and the mother does not eat properly, the baby is fed many foods that it is allergic to. See **Eat Right For Your Blood Type.**
- If you inject type A blood into a type O person they could die. Similarly, ingesting food that is not compatible with your blood type produces lectins, which cause sticky blood and allergic type reactions. Resulting in a compromised, overworked immune system.

- Cow's milk is introduced into the diet at a very early age.
- Solid foods containing wheat are also introduced.
- Early symptoms start to appear: colic, irritability, excess mucus, drooling, thrush, poor sleep patterns, eczema, diaper rash, head banging, ear and tonsil infections and delayed development.
- Products that contained neuro-toxic mercury, formaldehyde and aluminum are administered to the child.
- Reactions such as high fever, rashes, convulsions and severe swelling occur after administering these products.
- Exposure to other neuro-toxic chemicals such as: arsenic, copper, lead, lithium and toluene.
- **The child suffers a head injury from a blow to the head, possibly a fall or accident.** The list of the causes of cranial misalignments is very long: The birth process especially complicated deliveries where instrumentation is used. Falling when learning to walk, hitting the edge of a coffee table or hard chair, falling off the change table or bed, falling down the stairs or falling down the stairs in a walker. Also blows to the head with instruments such as: a swing, baseball bat, baseball, shovel, punch, kick or hockey stick can result in cranial misalignments.

Sports injuries and car accidents cause most of the head injuries in older people. Occupational accidents and habitual poor sleeping posture can also cause misalignments in the skull. The onset of health problems may be the result of an injury to the head or it may be the reason why treatment is not totally successful.

It is important to note that there is no typical pattern for these Autistic tendencies. This is why it is vital to do all of these case histories to determine what has transpired to precipitate these reactions.

How Autistic Spectrum Disorder Develops?

The baby is considered normal, with no abnormal development noticed; it is walking by 1 and talking by 2. Then the child is exposed to neurotoxic substances, usually mercury, from different sources around the 18-month period. One out of every 64 children develop Autistic symptoms and another 20 to 30% are neurologically affected to a lesser degree. In the more severe cases of Autistic Spectrum Disorder communication ceases, introversion starts, social skills are affected, bizarre behaviour develops and "stimming" begins.

When these predisposing factors are present, the baby is extremely susceptible to the adverse reaction of neuro toxins like mercury, which produces a very high fever and an encephalic reaction can result in the brain. Encephalitis is a severe swelling of the brain.

Since the brain is encased in bone, the swelling cannot go very far and creates a dramatic increase in intra-cranial pressure. When the skull is misaligned, the part of the brain adjacent to the misalignment will suffer a greater pressure, a decreased blood and nerve supply and result in hypoxia (lack of oxygen) to that part of the brain. This adversely affects how that part of the brain functions and can result in Autistic characteristics.

The Most Common Areas of Functions Affected are Behaviour and Speech

The frontal areas of the brain, which control behaviour and the parietal/sphenoid areas, which are associated with the language centers, are the areas of the skull that are most commonly misaligned. The encephalitis that results from the mercury will affect the areas adjacent to the misaligned more than others.

Implications of Cranial Misalignments:

- The blood supply for the front of the brain passes through the carotid foramen in the sphenoid bone. If the sphenoid is misaligned the blood supply to the frontal lobes could be decreased, decreasing oxygen availability and reducing its ability to function. If the frontal bone is misaligned it could cause pressure on the anterior frontal lobe where the behaviour centers are located and behaviour can adversely affected.
- The language center is located just behind the left sphenoid; when misaligned, it can affect speech.
- The blood supply for the back of the brain comes up through the foramen on the lateral aspects of the cervical vertebrae and enters the brain through the foramen magnum, which is located in the base of the occipital bone. Therefore, occipital misalignments can affect the foramen magnum, restricting the flow of blood to the brain, decreasing the amount of oxygen available.

- The main veins that return the used blood from the brain to the heart are the jugular veins, which exit the skull via the jugular foramen, lateral to the foramen magnum in the occipital bone. If the occiput is misaligned, the blood flow from the brain can be impeded. Compound this with an increased intra-cranial pressure from mercury induced encephalitis and neurological problems start to develop.
- The severity of the oxygen deprivation determines the extent of the neurological damage.

Implications of Cervical Subluxations:

Cervical subluxations restrict the vertebral artery supplying blood to the brain. The lower cranial nerves and of course the cervical nerves are adversely affected by cervical subluxations.

Other Considerations:

1. The myelinization process is far from complete at 18 months of age and many of the aforementioned neurological structures are not protected by myelin and are more susceptible to damage from mercury toxins.
It is important to note that the infant does not secrete bile yet at this age. Bile aids in the elimination of mercury.
2. The misaligned cranial bones cause pressure on both the brain and the blood supply between the skull and the brain. When the mercury is administered, encephalitis occurs, the increased pressure and the swelling can cause a hypoxia to the areas under the misalignment, which causes damage to the neuro-pathways.
3. There are allergic type reactions also occurring in the brain from neuro toxins. These toxins produce a variety of neuro-peptides adversely affecting the neurotransmitters in the brain.
4. The increased pressure in the brain interferes with its ability to eliminate the blood via the veins and decreases the arterial blood available to the brain. This decreases the nutrient and oxygen supply to the brain and causes neurological damage.

The Most Important Causative Link in Autism Is the Misaligned Skull.

Another child can have all of the other predisposing factors present but if their skull is not misaligned they can manage to make it through the exposure to mercury without developing Autistic tendencies. Others suffer less neurological damage and manifest disorders such as: learning difficulties, ADD, ADHD, PDD and ODD. We are finding out that the immune system is also affected resulting in asthma, allergies, ear infections, bowel dysfunctions and latent autoimmune problems such as fibromyalgia and chronic fatigue.

We are taking a big chance when exposing our children to mercury.

According to the latest California statistics from the DAN! Organization: 1 in 67 children develop Autistic Spectrum Disorder, Another 15 in 100 are labeled as Learning Disabled and a disturbing 1 in 10 are on behaviour modifying drugs for ADD, ADHD, and ODD.

Solution

**Examin your childs head. If it appears misaligned, misshapened or there are any lumps, bumps or indents;
then maybe cranial adjusting could help.**

The question is:

**Are your children going to be among the lucky ones, or in the 255,000 new cases of Autism Spectrum Disorder,
85,000 of which will be severe cases of Autism?**

Treatment Protocols

- To help children in the Autism Spectrum and its related conditions, all of the causative factors must be addressed.
- The immune system must be improved, the heavy metals eliminated, the diet changed (casein and gluten free), the toxins eliminated, the proper supplements taken to counteract the damage to the brain, water intake increased, infectious agents handled and leaky gut healed.

- **Most importantly, the cranial and spinal subluxations and misalignments must be corrected or the child will not recover to his/her potential.**
- When all of the above factors are addressed then behaviour therapies and the love and patient attention of the family yield much greater improvements.

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Dr. Turner is a widely published author, with 60 + articles published in various Chiropractic publications and Health related magazines. His first book, ***Body Culture***, 1986, was on the various aspects of exercise. His second book, ***Irritable Everything***, 2001, is on his protocol for the treatment of Fibromyalgia and Chronic Fatigue. It is available in its pre-publication manual form from www.turnerwellness.com or email Dr. Turner at drt@turnerwellness.com for clinic information.

He has been researching the treatment of Special Needs children since 1986. His third book ***Autism, The Missing Link In Its Cause***, was finished in March 2004. Dr Turner now teaches his technique of Cranial Adjusting to other Chiropractors nation wide. There are over 700 Chiropractors able to achieve the same results. "Instead of helping hundreds of children, now thousands of children from coast to coast are benefiting from this knowledge."

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14. www.danasview.net This is one of the most comprehensive sites on Autism I have seen. Go to her site map for the complete list of her information.
15. www.autismndi.com This site concentrates on the Gluten and Casein Free diet and refers to many informative links.

The following web pages have been helpful to our patients: www.bbbautism.com , www.autism.com/ari/ , www.simcoe-autism.ca , www.paains.org.uk , www.gfcfdiet.com , www.neuroimmunedr.com

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