

Multiple Causes of Autism Spectrum Disorders

International Medical Veritas Association
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*Autism is upon us because it's the outcome of
the 50-year experiment of dousing every living being
with an overload of toxic substances, including vaccines.*

Dr. Gregory Ellis

Pointing the finger to mercury's central role in the creation of autism spectrum disorders does not discount other possible causes of autism, or a general theory that includes a multitude of causes, which over the long run weaken children to the point where the toxic overload from chemicals in vaccines is just too much to handle. Children's brain development is being impaired by some of the more than 70,000 human-made chemicals on the market, says a new report from the World Wildlife Fund (WWF).^{i[1]} The report, which surveyed current research in the field, charges chemicals with such neurological effects as poor memory, reduced visual recognition and motor skills, and lower IQ, and cites U.S. research that ties 10 percent of all neurobehavioral disorders to chemical exposure. While it singles out some chemicals by name -- particularly brominated flame-retardants, PCBs, and dioxins -- the report laments that there is little to no safety information available on most chemicals floating about in the environment and in households. "In effect, we are all living in a global chemical experiment of which we don't know the outcome," said WWF's Helen McDade. Environmental contaminants are suspected to cause cancer, birth defects, immune system defects, reduced IQ, behavioral abnormalities, decreased fertility, altered sex hormone balance, altered metabolism and specific organ dysfunctions. Every day children are exposed to chemicals that have not been tested for safety.

*Exposure (particularly prenatal exposure) to certain endocrine
disrupting chemicals (e.g. PCBs) can have adverse effects on
neurological development ... and behavior... delays in...cognitive
development have been found to be associated with neonatal PCB exposure.*

World Health Organization

According to the National Academy of Sciences (NAS), 60,000 American children are born every year with neurological problems caused by prenatal exposure to **methyl mercury** compounds from fossil-fuel and industrial air pollution.^{ii[2]} The World Health Organization (WHO) estimates that air pollution kills approximately 3 million people annually.^{iii[3]} Air pollutants are known to produce arterial constriction and reduce blood flow and oxygen supply to the heart and thus to the brain. Importantly, the chemical pollutants found in the air have no safe level; they damage humans even at very low levels. The intensities of local levels of air pollution, combined with environmental pollution inside the home provide the background for other more direct chemical attacks on human biological systems. Biological attacks come in the form of vaccines, amalgam fillings, pharmaceutical drugs, violent birthing practices, fluoride in drinking water, and

food supplies laced with neurologically toxic substances like MSG, aspartame, pesticides, hormones, and preservatives.

Vaccines are of special concern in pinpointing the cause of autism for their toxic compounds, including mercury and aluminum, are injected directly into the body and some vaccine components pass directly through the blood brain barrier to affect the nervous system, especially the brain's own immune system cells, the microglia. Microglia are the immune cells of the central nervous system (CNS) and they easily turn against the CNS destroying it through excitotoxicity and autotoxicity.^{iv}[4] This is when we have a non-specific generalized destruction of neurons, neuritis and synaptic connections. The destructive chemistry of the microglia, when over stimulated, explains how a child can get into a state where they are allergic to almost everything touched, breathed or eaten; allergic even to themselves.

Mercury alters biological systems because of its affinity for sulfhydryl groups which are functional parts of most enzymes and hormones.

It induces a change in cell structure while disrupting critical electron transfer reactions leading to cells being perceived as foreign by the body's immune defense and repair system.

The prevalence of mercury in our environment is endemic in nature.

Dr. Rashid Buttar

Mercury seems to have a special affinity in causing these CNS immune cells to overreact causing a cascade of chemical effects around enzymes, glutamate transport, secretion of acids, release of cytokines, and a whole series of domino type effects that combine to provoke general neurodegeneration. Mercury though is not the only toxin that provokes the microglia. Live viruses found in the MMR vaccine have also been seen to create problems for the brain's immune cells.^v[5] The general background chemistry of the external and internal intracellular environment is a pivotal factor in the steady state of these cells; meaning multiple variables must always be considered when neurotoxicity is threatening neurodevelopment. For instance, Dr. Russell Blaylock, a prominent neurosurgeon, and leading expert on microglia reactions, is a very strong voice against MSG and aspartame in foods because he sees these chemicals as highly destructive of the microglia. Many are the background factors that weaken the chemistry of these cells, weakening the basic chemical balances in the brain, leaving the entire CNS more vulnerable to its most threatening enemy, mercury. Mercury is in a class of its own when it comes to neurotoxicity causing damage through various mechanisms including direct assault on the neurofibrils, denuding them resulting in devastating damage to the neuronal cells. There is no shortage of mercury poisoning with amalgam dental fillings in billions of mouths, legalized toxic waste dumps that constantly leak mercury into the body's tissues, and from mother to the fetus. Babies are especially sensitive to mercury's ruin.

If the central nervous system becomes infected at a critical time, either before or after birth, Autism may result.

Prof. Uta Frith

Recently Greenpeace conducted a study in India and found “Neurological effects of pesticides including effects on memory, concentration, motor skills, judgment and analysis. The study found a remarkable difference between groups of children, with statistically consistent trends. With all other possible confounders controlled for, the only significantly accountable reason for the disturbing findings is the children’s exposure to pesticides.”vi[6] Though not stated by Greenpeace, a common background factor to 90 to 95 percent of children around the world is the mercury injected into their systems through vaccines. What they are probably reporting on is the added synergistic effect of pesticides added to the ever constant toxic load from mercury bearing vaccines and other sources.

*Power plants put 40 tons of mercury a year into the atmosphere through burning coal.
In the U.S. alone, hospitals that burn their wastes put 20 tons a year into the air and
potentially upwards of 200 tons are lost into the environment because that is how much
Hg is ordered into hospitals to repair sphygmomanometers. vii[7]
Every plastic manufacture pours it out and every new car is laden with its fumes.*

Medicine has hidden the ever present dangers of the thousands of chemicals used by industry because it itself is an industry that uses toxic chemicals in the form of drugs. The hazard of chemicals is more easily highlighted by the serious perils that surround chemical plants. According to data compiled by Greenpeace International, the 1984 accident at the Union Carbide insecticide plant in Bhopal, India, caused 20,000 deaths and injuries to 200,000 people.viii[8] Today there is widespread alarm that a terrorist group could cause even greater harm by entering a plant in the United States and setting off an explosion that produces a deadly gas cloud. According to the New York Times a study by the Army surgeon general, conducted soon after 9/11, found that up to 2.4 million people could be killed or wounded by a terrorist attack on a single chemical plant.ix[9] What could be released instantly in a cloud of death is inevitably released slowly in the environment and carried to our children through the air and through the many thousands of products including medicines, vaccines and dental fillings.

*Our children are being poisoned on a massive scale.
The dentists who use amalgam are the biggest mercury polluters on the planet.
Dentists may or may not be around to see what they’ve done — typically
they live about 50 years, and often they commit suicide,
which is a classic symptom of mercury poisoning.*

John Moore

Chemicals are not safe and naturalists know this and live their lives with this uppermost in their minds. Today the nightmare for doctors, who have any kind of sensitivity to the realities that environmental medicine provides, is to diagnose problems and disease that are occurring against a background of chemical hostility including the ever present serious side effects from medications. **The general tendency of allopathic physicians is to deny toxicity while falsely elevating bacteria and viruses as the main**

causes of disease. Their failure to understand when chemicals are combining to overwhelm the health of any particular individual is tragic. Many medications (and chemical toxicity in general) suppress the immune system allowing bacteria and viruses to emerge when a healthy immune system would have no problem with their repression. This is called latent infection and the CDC is presently reporting this to be the situation with cases of tuberculosis (TB) that have been linked to drugs commonly prescribed for arthritis. Thus doctors who prescribe potent immune-suppressing drugs for their rheumatoid arthritis patients are being advised by the CDC to screen them for TB exposure and infection before prescribing these drugs.x[10] This is just one example from many possible ones when it comes to negative side effects from common chemicals and drugs.

Most neurological disorders, both acute and chronic, have a common set of pathological events despite their varying clinical presentations.

Dr. Russell Blaylock

There is no end to the possibilities. There is, for instance, information associating autistic disorders with the use of an artificial hormone (Pitocin) which is given to pregnant women to induce or speed up labor.xi[11] Pitocin is a synthetic exogenous source of the natural hormone oxytocin which stimulates the gravid uterus to contract. It was developed as a drug by the Parke-Davis pharmaceutical company in 1953 and put into general use in 1955. It comes from the pituitary glands of cattle and includes acetic acid for pH adjustment and .5 percent chloretone as a preservative. Dr Eric Hollander of New York's Mount Sinai School of Medicine, a physician who specializes in treating autistic kids, reported noticing that 60% of the autistic patients in his clinic had been exposed to this drug as a fetus.xii[12] Yet doctors like Ellen Grant find progesterones and oestrogens even more dangerous than Pitocin.

It is clear that the preponderance of available evidence suggests the importance of multiple biologic factors acting through one or more mechanisms to produce the autistic syndrome.

Dr. Donald J. Cohen & Fred Volkmar

Pitocin is not the only drug received by women whose labors are being induced or augmented. The use of Pitocin requires that the mother also be given IV fluids, have continuous electric fetal monitoring in place and remain sedentary in her hospital bed while connected to this equipment. Pitocin-induced uterine contractions and enforced maternal immobility makes labor more painful, so much so that under these circumstances most laboring women also receive narcotic pain relievers and/or epidural anesthesia. Virtually 100% of medically-managed births are subjected to high levels of pharmaceutical interventions. We do not know the negative effects because no one has ever looked to study the possible collateral damages of heavy drug intervention on the arriving fetus. But there is no doubt that medical choices can do as much or more to weaken or seriously damage children than predisposing genetic problems. Chemical toxicity itself is known to cause serious problems in the cell nucleus and thus can be seen to play a major role in genetic problems or predispositions.

Prenatal and early childhood experiences could have prominent effects on the development of the responsiveness of the immune system, with far-reaching and long-lasting consequences for the immune capacity at a later age. Conversely, early derailments in the normal development of immune function, as, for instance, in the induction of autoimmunity in an early phase of the immunological developmental trajectory, could have important effects on the development of the nervous and endocrine systems.

Van Gent, et al.xiii[13]

Most labours today are induced at some point. Mothers are drugged, which of course means the babies are drugged. Mothers in labor are routinely given several different drugs without any way to know if the unborn baby is vulnerable to toxic side effects. **The propensity to have an adverse reaction must be multiplied by the number of drugs received**, and then must be doubled again for the newborn, whose virgin brain is being directly influenced by these substances. The risk of side effects is both immediate and life long for infants.xiv[14]

Drugs used on pregnant women have never been tested to determine if they are safe for fetuses and neonates. Not a single one.

No one has a clue about the long-term consequences.

California College of Midwives

Most umbilical cords are clamped and cutxv[15] before all the blood from the placenta is allowed back into the baby, meaning they start out with as much as a 40% decrease in blood volume.xvi[16] Birth in itself is a shock to one degree or another. Babies need time to adjust, to light, to sound, to the simple act of breathing. But they are not given the time they need. As soon as they are born, antibiotic drops or ointment is put in their eyes and they are given a vitamin K shot. Trouble is, the "vitamin" K shot is a synthetic, which their little bodies really can't recognize and use. But most importantly the shot contains nasty chemicals like benzyl alcohol, phenol (carbolic acid), propylene glycol (antifreeze), acetic acid and hydrochloric acid.xvii[17] So, even before Hep B vaccination is given babies are dealing with strong chemicals and antibiotics circulating through their already struggling circulatory and nervous systems. Now, add the Hep B vaccine, with its aluminium hydroxide, thimerosal and modified genetic material to the list and one can only wonder about pediatricians and what they are thinking. In the 14th September 2004 issue of Neurology (2004;63:838-42) a Harvard group published their findings confirming our worst fears about the recombinant hepatitis B vaccine and its role in increasing the chance of recipients contracting multiple sclerosis (MS). Researchers from Harvard estimate that it increases the risk by over three times. This is highly significant to our multiple causes of autism model because, as suspected by Dr. Blaylock, this vaccine and others predictably are creating problems in the brain's immune system leading to serious auto-immune diseases. According to Blaylock, autism spectrum disorders are basically auto-immune problems.

Another thing very injurious to the child, is the tying and cutting of the navel string too soon; which should always be left till the child has not only repeatedly breathed but till all pulsation in the cord ceases.

As otherwise the child is much weaker than it ought to be, a portion of the blood being left in the placenta, which ought to have been in the child.

Erasmus Darwin

(Charles Darwin's grandfather) Zoonomia, 1801

An informal survey among midwives failed to identify babies born at home who have since been diagnosed with autistic disorders. It could be supposed that the people who gravitate to natural home births represent a sizable part of the small percentage of people who go against the lock step of society and do not vaccinate their children. Or the lack of aggressive medical interventions during birth can be seen as a key determinant in that it is absent when midwives are attending the birth. The structural and functional integrity of the human brain is dependent on a continuous oxygen supply; lack of oxygen causes permanent brain damage. Midwives are much more likely to be gentle and surrendered to natural processes than hospital staffs and will let the baby adjust fully before clamping the umbilical cord. At birth, during the natural third stage of labor, placental oxygenation continues until pulmonary oxygenation is well established and until an adequate blood volume is achieved to circulate oxygen. Cutting this flow is an absolute and totally unnecessary threat to the child. **The current obstetrical practice of immediate and routine premature cord clamping jeopardizes the newborn's brain and other organs by interrupting placental oxygenation and placental transfusion, during the transition from "fetus" to "newborn".**xviii[18] The newborn needs this blood to expand its lungs, so that they can take over the function of oxygenation from the placenta. Speaking about the rise of autism Dr. George Malcolm Morley and Eileen Nicole Simon PhD. say, "We propose that increased incidence of autism, infant anemia, childhood mental disorders and hypoxic ischemic brain damage, all originate at birth from immediate umbilical cord clamping. The influence of new environmental exposures, such as iatrogenic birth traumas, such as interruption of placental transfusion at birth, cannot be discounted."xix[19]

The underlying common denominator in chronic neurodegenerative disease seems to be either decreasing vascular supply (less blood to the brain) or accumulation of heavy metals, specifically mercury.

Dr Rashid Buttar

According to the American Academy of Pediatrics (AAP) "Autism is not a specific disease, but rather a collection of disorders of brain development with a *strong genetic basis*, although its exact cause is not entirely known."xx[20] Yet most doctors know, "It is impossible to have a sudden epidemic of a genetic disease. The genetic factor or other predisposing weakening factor is there but it needed the environmental trigger to make it surface. That's why we think the genetic inability to excrete mercury e.g. Apo-E4 and/or a metallothioneine abnormality underlies those that crash after being exposed to mercury injections," says Dr. Michael Godfrey.xxi [21] Yet the AAP tells its physicians "Pediatricians should continue to promote immunizations for all children. Continued high immunization rates are crucial in preventing an increase in life-threatening infectious diseases. Parents should be reassured that at the present time, there is no scientific

evidence to support claims that the measles/mumps/rubella (MMR) vaccine or any combination of vaccines causes ASD.”

The medical establishment admits that the cause of autism is not “entirely” known yet they have the impudence to assure parents about what is not causing it. They insist over and over again that the cause has nothing to do with collateral damages done by vaccines or by the mercury found within them. Certainly, because of their propensity to see most diseases as viral or bacterial problems, they will not review the errors of obstetric and pediatric practice. It should be noted that there is little to substantiate the statement about autism having “*a strong genetic basis*” except speculation. The diagnosis of genetic cause is a handy outlet the CDC uses when disease cannot be explained by viruses and bacteria infections. There are other explanations though. When autism runs in families, what is also running in those same families are common environmental conditions and common dental histories and many other factors besides a similar gene pool. The very fact that many parents notice regressions and deteriorations in their children after receiving multiple vaccinations (intense mercury contamination exceeding EPA guidelines) is a key point that is often ignored and points to **vaccines as a key triggering event that smashes into an already weakened child.**

Chemists like Dr. Boyd Haley remind us of the hard reality that, “Thimerosal exposure results in toxic biochemical effects that fit very well with the biochemical observations seen in autistics. These are (1) truncated neurons (ethylmercury inhibition of tubulin polymerization) in brain tissue and (2) inability to make methyl-B12 and (3) the subsequent decrease in methylation of cellular constituents that require methylation to operate properly.” Naturally some children would be better mercury eliminators than others, and some kids just can stand higher levels of toxicity without falling apart. It should be noted that no matter what a child’s genetic background and strength is, there is a certain level of thimerosal or general mercury poisoning that will kill them; that will begin to destroy their nervous system leading to general autistic decline. The exact amount just happens to vary widely from child to child. **Autism is not a genetic disease; there is no proof to indicate it is.** It is only the handiest theory for pediatricians to explain what they do not want to understand.

Dr. Rimland says, “It is ludicrous to claim that the link between many causes of autism and vaccination is just coincidental. As a full-time professional research scientist for 50 years, and as a researcher in the field of autism for 45 years, I have been shocked and chagrined by the medical establishment’s ongoing efforts to trivialize the solid and compelling evidence that faulty vaccination policies are the root cause of the epidemic. There are many consistent lines of evidence implicating vaccines, and no even marginally plausible alternative hypotheses.”xxii[22]

Mercury is known to directly interfere with DNA repair enzymes as well as reduce function of all antioxidant enzymes, thereby greatly magnifying the degenerative effects of microglial activation.

Mercury is a very powerful inhibitor of GLT-1, the glutamate transport protein, even in very small concentrations.

Dr. Russell Blaylock

"The elementary grades are overwhelmed with children who have symptoms of neurological and/or immune system damage: epilepsy, seizure disorders, various kinds of palsies, autism, mental retardation, learning disabilities, juvenile-onset diabetes, asthma, vision /hearing loss, and a multitude of new conduct/behavior disorders. We (school nurses) have come to believe the hepatitis B vaccine is an assault on a newborns developing neurological and immune system. Vaccines are supposed to be making us healthier; however, in twenty-five years of nursing I have never seen so many damaged, sick kids. Something very, very wrong is happening to our children," wrote Patti White RN to a congressional committee. Until recently this injection, given within the first 24 hours of life, contained 25 micrograms of thimerosal, and still does in most parts of the world.

As we have seen in earlier chapters and as we will see in the chapter on treatment, mercury is the hub cause, the central factor that destroys the full functioning and health of children leading to learning disabilities and autistic decline. There are many reasons why we can come to this conclusion. Without doubt, mercury is not only the most dangerous and toxic non-radioactive substance known to man but it has replaced lead as the number one pollutant in the environment. Mercury has a vast capacity to do harm including reducing the effectiveness of antibiotics against bacteria, creating disturbances in electrical currents associated with heart function, contributes to intractable infections and precancerous conditions (it exists in the nuclei of cancerous and pre-cancer cells), boosts free radical production, thus exacerbating radiation damage from X-rays and UV light, and literally a whole host of biological effects besides literally 'burning' neurons and stimulating the microglia cells in the brain into abnormal destructive function. Though Dr. Ellen Grant reports that Cadmium, not mercury, was the commonest toxic metal causing DNA adducts in the 61 autistic children tested at Biolab,xxiii[23] reminding us again of the many other toxic metals and chemicals washing on the shores of our children's systems.

The identification of a cause of a disease or syndrome is a key step in defining appropriate treatment paths.

Parents can take heart though from recent treatment successes by Doctor Rashid Buttar and his team at North Carolina University.xxiv[24] Using a patent pending transdermal DMPS mercury chelating compound, full reversals of autism have been realized as the mercury is detoxified from the system. Through the work of Dr. Haley and Dr. Buttar and many others, we can see that mercury is the key issue because it is the most toxic and most prevalent of all the chemicals attacking human biological systems. Many of the other causes of autism are connected in that they amplify the toxicity of mercury.

Pitocin is only experienced by the baby at birth and is not an accumulative toxin but mercury is and for some children exposure starts early in pregnancy with the fully loaded mercury containing Rhogam shot that is still in use in many parts of the world and the flu shot that is now recommended even for pregnant women. Then there is exposure to mother's dental fillings leaking vaporous mercury, the mercury that mom consumes through eating too much fish, then the vaccines that are injected right from birth also containing mercury, besides the background mercury pollution in the air and water.

*Human fatalities in the domestic environment have been caused
by the breakage of a single mercury containing thermometer.xxv[25]*

What stands out in severe cases of autism is its similarity to symptoms found with mercury poisoning. "Thousands of parents have seen the regression of skills in their children following thimerosal-containing vaccines," says Jo Pike, President of the National Autism Association. "Many of these same children are progressing rapidly with biomedical interventions addressing mercury poisoning." xxvi [26] Dr. Sidney Baker, author of six medical books, treats hundreds of autistic patients each year from around the country. He suspects that **about half** of the children he sees have been affected by Thimerosal from their vaccines.xxvii[27]

According to Dr. Ellen Grant, nearly all the Autistic children tested at Biolab had zinc, copper, SODase and magnesium deficiencies. We know that mercury displaces essential elements like magnesium, zinc and copper from cells causing disruptions of enzyme systems in the process. **Serious vitamin and mineral deficiencies weaken the immune system and lead to developmental problems independently of other factors.** Knowing that mercury leads to such deficiencies further worsening any dietary deficiencies fits our multiple causes model. For those who have doubted and challenged the central role of mercury in autism spectrum disorders comes the latest information from Dr. Mark Geier who reports an actual decrease of 8.2% in California (new cases of autism = 2,194) in comparison to 2003 (new cases of autism = 2,391) for the same reporting quarters. When looking at the data from the perspective of how many cases were expected in 2004, based on predictions from three years ago, the drop off is even more significant with an almost 27% decrease in the predicted number of new cases of autism.xxviii[28] The only change in California is the recent reduction in thimerosal containing vaccines which has been further assured in the future by Governor Arnold Schwarzenegger's September 2004 signature to a bill prohibiting use of thimerosal in vaccines in that state.

Dr. Russell Blaylock offers us the overall scientific neurobiological framework for autism spectrum disorders when he says, "In essence, most neurodegenerative and behavior effects are caused by activation of the brain's own immune system." Though there are a number of triggers that over stimulate the microglia cells in the CNS, the internal and devastating neurological response is provided by the bodies own defense mechanisms, it's own immune system in the brain, these microglia cells. Basically most

foreign chemicals can trigger this system into a neurotoxic over-stimulated state, even over generated endocrine emotions (internal chemicals) with many biological changes resulting - including general nerve cell damage. **But no chemical can compete with mercury, in strength of toxicity, and sheer volume presence, for its potential as a prime trigger.** It is interesting to note that no one speaks about thimerosal being put in nose sprays and that parents could unwittingly administer such over the counter products to very young children when they have a cold, flu or allergies.

The most heartening thing, in the middle of all this chemical darkness, is the miracle of life and the power of the body to recover from what would seem irreversible problems; when people and children recover from diseases like autism, cancer and AIDS. Dr. Mohammad Al-Bayati, a pathologist and toxicologist, started his investigation into AIDS when he worked with a patient (who was not AIDS \HIV positive) who was displaying AIDS symptoms. Removal of the patient's medication (prednisone) reversed symptoms; depleted T cell count bounced back, thus the patient recovered completely. Remove the cause and the body has an amazing capacity for self-healing. Many reversals of CD4+ T cells depletion in the peripheral blood was reported in HIV-positive homosexual men after the termination of their treatment with glucocorticoids.xxix[29]

Dr. Blaylock reports that cytokines pharmaceuticals (a medicine that produces changes in the patient's immune system by altering the balance of cytokines. Cytokines regulate the growth of cells and determine whether the immune system will produce cells to fight infection) quickly create many of the same characteristics of autism spectrum disorders and importantly we see that, "all behavioral symptoms resolved within three days of treatment cessation." In many situations we see removal of cause or offending agents yields a cure. With all the confusion about the cause of autism spectrum disorders it has been hard to zero in on a cure but that is changing. Beyond hope we are beginning to receive reports that children, when successfully detoxified of mercury, actually are able to come back to a life of full function. Against all odds, because of the actual nerve cell damage, we would not expect or even dream that these children can be saved from a life lived with permanent neurodegeneration.

From 1980 to 1996, the number of Americans afflicted with asthma more than doubled to almost 15 million, with children under five years old experiencing the highest rate of increase. The steady rise in the prevalence of asthma constitutes an epidemic, which by all indications is continuing.xxx[30] This information about asthma, which also has auto-immune roots, reminds us that along with autism a host of problems are plaguing our children and we can assume, from common curves of increase, that many are sourced from similar chemical causes.

There are indications that even subtle influences might trigger conditions where the convergence of toxicities combined with internal weaknesses to trigger autistic regressions. Dr. Robert C. Kane, reminds us that, "radiofrequency (RF) radiation is a biologically active substance. It is acknowledged that human exposures to RF have

become pervasive during the past twenty years, whereas intense exposures were much less common prior to that time. It is suggested that fetal or neo-natal exposures to radiofrequency radiation may be associated with an increased incidence of autism.”xxxii[31] In March 2002, a study commissioned by the National Radiation Protection Board (NRPB) in the United Kingdom found that exposure to EMFs of 0.4mTesla (4 mG) or greater doubles the risk of childhood leukemia. Any and all substances or influences like disrupting radio frequencies, high power tension lines, malnutrition, toxic pesticide and herbicide residues in foods, even milk and cheese products with their high levels of hormones and other pollutants found in factory produced milk and cheese can diminish the power of the immune system and make it less capable of withstanding the shocks from vaccines or the vaporous leakage from dental fillings. Fetuses exposed to thalidomide during the late '50s suffered from autism as well as birth defects so we can see how chemical disruption itself is the basic cause with certain chemicals, like mercury, which are more toxic and prevalent, being the principle culprits.

By grouping vaccines together, especially live viral vaccines, one increases the stress on the immune system as well as increasing microglial activation within the brain. Measles virus is known to induce autoimmune reactions to myelin basic protein. Measles virus exhausts the immune system, leading to increased susceptibility to subsequent microbial infections. This scenario is more likely in the malnourished child, especially with vitamin A deficiency.xxxii[32]

Dr. Russell Blaylock

This is one of the reasons certain doctors recommend high doses of Vitamin A and C because they diminish the chances of serious collateral damages from vaccines.xxxiii[33] The most controversial cause of autism though remains the MMR vaccine that over and over again the medical establishment insists is not a cause. Their dismissals and denials though are highly suspect for they are defending the cornerstone of their childhood immunization schedule. To admit error would sink the Titanic of their precious jewel and the center of allopathic medicine as well. Dr. Rimland has pointed out that before MMR most autism cases occurred at birth. But after the MMR vaccine was introduced, most new cases were occurring around age 15 months when the vaccine was usually given. Dr. Gary Goldman and Dr. Edward Yazbak, in reviewing the same studies and statistics from Denmark, used by the CDC to proclaim MMR safe, see dramatic statistical evidence to proclaim its guilt and place in the list of strong provokers of autism.xxxiv[34] Such is the subject of MMR that we will deal with it in a separate chapter but here we include it as a reminder that multiple causes is the correct paradigm and certainly we need to affirm that mercury is not the only cause of autism for there is no thimerosal in the MMR. Many are the pathways to immunological and neurological degeneration. Though humans are strong and can withstand a lot of abuse, against a combination of toxicities and deficiencies the best designed biological machine is bound to break. But as we will introduce below, medicine is not only dealing with biological machines. In medicine, as in psychology, we are dealing with feeling beings whose feelings do matter.

The hours, days and months following birth are undoubtedly the most critical phases in the life of human beings. Health and medical officials long ago decided that they knew best what should be done to infants and many have made fortunes and careers out of this work. It is not by chance that infants are routinely disturbed **physiologically** and **psychologically** by medical interventions administered from the first moments of life. Doctors, extremely secure and confident in their procedures, have decade-by-decade intensified their interference with natural childhood development sequences without regard to serious deleterious outcomes or effects.

*A child's brain is a work in progress,
ready to be shaped by experience.*

The Pfizer Journal

The recent explosion in autism does run parallel with the increases in injections,xxxv[35] but no one has been paying attention to the possible *emotional collateral effects* to what is being done to infants. Most physicians can hardly believe that emotions matter in health or disease at all or that they might contribute significantly to disorders like cancer and heart disease and even fewer would think that *stabbing infants with poison would bother them*. In psychology there is a syndrome called Post-Traumatic Stress Disorder (PTSD) which has been studied thoroughly on biological and emotional levels. Dr. Spencer Eth, a child psychiatrist, specialized in PTSD, describes the core of this syndrome as “the intrusive memory of a central violent action: a final blow from a fist, the plunge of a knife, the blast of a shotgun. The memories of intense perceptual experiences – the sight, sound, and smell of gunfire, the screams or sudden silence of the victim; the splash of blood; the police sirens.”xxxvi[36]

Over the last 30 years increasing evidence has been found for the existence of complex links between the immune system, the central nervous system and the endocrine system on the one hand, and psychological phenomena...on the other.

Van Gent, et alxxxvii[37]

Chemical/emotional stress can combine to intensify the toxic effect of mercury. Dr. Haley has already shown in his laboratory at the University of Kentucky how even relatively benign substances like Tylenol and endocrine hormones like testosterone increase mercury's toxicity, which explains at least partially why more boys succumb to autism than girls. But perhaps the sex difference is from the effects of PTSD in the boys from the medical circumcisions they endure that are more violent, aggressive and premature compared to the ancient religious rituals surrounding such practices. Knowing that emotions are chemicals raging through the blood stream, products of endocrine function, chemical communications between one part of the brain and body with others, helps us to understand the importance of emotions in health and how **emotional (chemical) disruptions can contribute greatly to any synergistic multiplying damaging effect of toxic chemicals pumped into children.** Allopathic medicine has a very difficult time relating to children as sensitive beings who have feelings that matter clinically. This is too bad because the fact is that they are exceptionally vulnerable beings

with highly sensitive feelings that matter very much. Parents who have gone through a vaccine nightmare know of the importance of this, lessons learned a hard and cruel way.

Some people think that routine infant circumcision is the cruelest and most barbaric, sadistic, and senseless child abuse and torture ever invented in the history of human atrocities. Some mothers feel that the trauma of circumcision interferes with breastfeeding, thus it also interferes during an important time of bonding between mother and child. Many have wondered how doctors who are supposed to look out for the welfare of their patients can live with themselves after mutilating their tiniest, most helpless clients. And others think it's horrible for a baby boy who is (of course) not consenting be forced to participate in this action because they can't do anything to defend themselves. Some people compare circumcision to some other brutal traditions in other cultures such as female genital mutilation. It is possible that the trauma is greater than most of us believe and certainly this traumatic experience qualifies as a potential trigger for PTSD. Doctors have a long standing pattern of underestimating the trauma they are causing whether emotional or physical. With seven states in the US reporting more than a 10,000 percent increase in autism in 11 year, 33 states at over 1,000 percent, and with some, like Illinois reporting 120,000 percent increases, Ohio 23,000 percent, Wisconsin 18,000 percent, and Maryland over 12,000 **it really behooves us to look into every possibility and not dismiss anything lightly.** This is the very latest information provided by the Department of Education in the United States, for numbers of children aged 6-21, served by Individuals With Disabilities Discrimination Act who have autism.

Daniel Goleman in his book Emotional Intelligence tells us, “Any traumatizing event can implant such trigger memories in the amygdale.” Dr. Dennis Charney, a psychiatrist and director of clinical neuroscience at the National Center at Yale University tells us that, “It does not matter if it was the incessant terror of combat, torture, or repeated abuse in childhood, or a one-time experience. All uncontrollable stress can have the same biological impact.” xxxviii [38] The operative word here is uncontrollable. The key psychological aspect of PTSD is helplessness, the feeling that you are being threatened or your life is in danger and there is absolutely nothing you can do to avoid it. Dr. Charney said, “Victims of devastating trauma may never be the same biologically.” And Dr. John Krystal, director of the Laboratory of Clinical Psychopharmacology, says, “It’s the feeling that your life is in danger and there is nothing you can do to escape it – that’s the moment the brain change begins.”

Children without doubt find vaccination a traumatic experience though it seems as if most would get over it quickly. Today though they are given up to four shots at a time and this significantly amplifies the trauma. Remembering that the key word in Post Traumatic Stress Syndrome is helplessness, we can see that bringing in a child for multiple or even one dangerous injection can provoke a change in internal brain chemistry when they are dragged against their will into a danger that could kill them, or as the VAERS system also shows, all too easily send them to the hospital because of convulsions and exceptionally high fever. It is just a fact that for some children vaccines

are lethal injections and for others it brings on severe enough consequences to hospitalize them. Any psychologist involved with PTSD should agree that this would qualify for an uncontrollable stress that can result in a biological impact.

The injection of vaccines with their accompanying nerve toxins used as preservatives is a full-blown invasion of infant vulnerability.

We naturally scream against such an invasion, we react, and sometimes we die. The fear many people have of being exposed to being hurt, taken advantage of or abused, can perhaps be traced to violent medical intrusions at birth or after.

Many doctors would laugh thinking how could children know, think or feel that they are in danger when the doctors themselves think they are doing no harm administering the vaccines. But veterinarians are well aware of the capacity of animals to intuit danger. Young children have this same basic capacity to sense danger and no doubt their crying and screaming as they are dragged in to receive their needles is a good indication of this. “When I brought my son in for his Hep B inoculation, he went screaming and flailing like a banshee Indian, and it took 5 people just to hold him down, totally against his will. It took me a long time to regain his trust,” wrote Claudia French RN. Maureen Fontaine, remembering back to age two said, “I lost trust for my mother on that day she brought me in for my shots and I never ever did completely recover that trust with her.”xxxix[39]

Babies scream without end when they are violated and hurt in a way that challenges their capacity to endure.

For sure most doctors are still loath to connect body chemistry with emotions but neurobiologists know that neural and other biologically measurable changes accompany PTSD. People suffering from PTSD are known to undergo a numbing of certain feelings, the inability to feel pleasure, a general emotional lack of feeling, a sense of being cut off from life or from concern about others’ feelings. Daniel Goleman said, “Those close to such people may experience this indifference as a lack of empathy. Another possible effect may be dissociation, including the inability to remember crucial minutes, hours, or even days of the traumatic event.” It is not a farfetched idea to relate what we see in children suffering from autism and those who suffer from PTSD. It does not take a great stretch of the imagination to see that we might have a very special case when PTSD psychological and biological changes come together with heavy toxic loading from vaccines combining to form a special matrix of changes in both immune and brain chemistry that is different in size and dimension from cases of PTSD where the provoking trauma was external and non-chemical in nature. Add background chemical influences and nutritional deficiencies combined with a hostile reception at birth leading to low blood volume and anemia and we have prime conditions for neurological disturbances and disorders.

We are only now waking up to the full dimension of the nightmare, to the medical insanity of recent decades. Undoubtedly today newborns and young children are being subjected to increasingly aggressive interventions and they are not standing up well to the assault. Some die and that is a sadness that is the most profound any parent has to face. Today a significant percent of children live and suffer incredibly with learning disorders, full blown autism, and even worse. There are no words that can describe the sickness of

heart and mind when we face the fact that modern allopathic medicine cannot see or admit that it is contributing anything to a river of tears no parent should have to experience. There is no hiding the fact that certain groups of people have been the main instruments of neurological destruction for a generation of children and adults as well.

The conclusion of course is devastating. **Autism Spectrum Disorders are iatrogenic diseases.** They are caused mostly by obstetricians, pediatricians, general and family practitioners, and dentists. These people are the primary cause of autism and all the suffering that comes with it. Medicine has no capacity to admit wrongness and in its rude arrogance would rather let it all go on rather than reevaluate itself and evolve into a more humane healing art. Iatrogenic sources are NOT the "sole" cause of autism but should be seen as the primary cause in light of the evidence we have today, the massive amounts of evidence based reports of parents, what the current studies are showing us, and what we are learning about toxicological effects of mercury. "Blame" for autism though should be placed on the greater system that we all have become entrenched in, manipulated into or chose to believe in. And this involves far more than just doctors and dentists.

*Elie Wiesel understood evil, he lived through the Holocaust,
and wrote about the men who managed the death camps.
"Yes, it is possible to defile life and creation and feel no remorse."*

The cause of autism is not a mystery though it seems many would like to keep it one. "There is no evidence to my knowledge that has shown that thimerosal actually has caused problems," said Dr. Glennah Trochet, public health officer for Sacramento County. This is the party line of the medical establishment and will be until people like Trochet are dismissed from their posts for medical ignorance. **The causes of autism are known,** as Dr. Gregory Ellis told us right from the beginning in the opening stanza. We have seen though that it is not as simple as he depicted for toxic substances can include internal emotional trauma as represented in the PTSD scenario, as well as serious trauma caused by cord clamping and other things. It just so happens that many people do not want to face the truth of the causes and this is, in and of itself, a crime against humanity. For it continues the horror and the suffering by blocking appropriate treatments and removal of the insulting causes.

*The babies are still being lined up, they are still screaming and crying.
Can we hear them? All over the globe they are crying and sometimes dying.
Can we hear them? Can we feel them? Whose heart can bear to?*

Mark Sircus Ac., OMD
Executive Director
International Medical Veritas Association

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purpose is vitamin C. Vaccination of children deficient in vitamin C can be more of a challenge than the child's immune system can rise to, with sometimes devastating results. Most American children, though not all, are able to withstand the series of vaccinations required by law. That is small comfort to those parents whose children were harmed in some way. For your own child, a modest vitamin C supplement of a few hundred milligrams (mg) per day during the month before a vaccination is scheduled will go a long way toward protecting him or her from unforeseen injury. Vitamin C powder makes it easy to provide this amount even to babies. Vitamin A is another nutrient that has considerable impact on immune function. Like vitamin C, modest vitamin A supplements (averaging 4,000 IU per day) before a vaccination is due tend to ensure the proper response, which is called "seroconversion," to the vaccination. Zinc is a common deficiency in children, especially the "finicky eaters" who live on bread and pasta and disdain vegetables and meat. Zinc lozenges of about 10 mg each are tolerated by most children, and it is actually easier to convince zinc-deficient children to use lozenges, which can taste bitter, because loss of taste acuity is one of the symptoms of zinc deficiency.

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