Quantum Medicine Offers an Effective Approach to Improving Outcomes of Individuals with Autism

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Abstract

This paper will examine the autism epidemic from the perspective of Quantum Medicine. It will look at individuals who have followed conventional allopathic medical approaches that focus on managing symptoms, chemically and behaviorally, to see how quantum medicine offers an effective approach to improving the outcomes of individuals with autism.
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Chapter 1: Introduction

Why I Chose This Subject

Thirty two years ago my life took an unexpected turn as my first child developed autism. In my quest to give my son a normal life I pursued a non-ending stream of allopathic treatments, therapies, educational interventions, and natural alternatives. Good, but painfully slow success, was attained with diet, nutrition, auditory integration training, detoxification, behavior modification, and educational interventions augmented by small doses of prescription medications. After a devastating setback triggered by negative side-effects from the psychotropic medications, I found myself having to help my son regain the life he had so painstakingly achieved. Physicians told me that much of damage from the medications’ negative side-effects would be permanent. He would never again know what it was to be really happy, and he would never again know what it was to be really sad. Many of his hard learned skills of writing and math were gone, supposedly forever. While working to rebuild my son’s life I was exposed to low level laser therapy. The Q1000 was the first quantum energy device that I tried with my son. Adding energy in the form of photons at frequencies that match human body frequencies appeared to make everything else we did with our son work faster - months instead of years. In the 8 years since I started down the road of quantum medicine I have seen other autistic children similarly improve. One child showed significant reduction in troublesome behaviors and an equally significant improvement in independent behaviors. A nonverbal child became verbal and started interacting with family members. Another child was able to calm down enough that the family was able to enjoy an overseas holiday all together. The improvements were all seen within a few months.

Switching, from the allopathic medicine approach of using medications to suppress, and training to manage, symptoms and behaviors, to the quantum
medicine approach of seeing the body as an interconnected energy being has totally changed my life and that of my family.

The Problem and the Purpose of the Study

It is my belief that children develop autism because their bodies get so overloaded with toxins and stressors that their bodies are in a daily fight for survival. They tend to operate in the evolutionary primitive reptilian brain, rather than the neocortex, (the largest and evolutionarily most recent portion of the cerebral cortex, where higher brain functions occur,) resulting in the stereotypical behaviors, social and communication deficits, and physical presence so often noted in individuals within the autism syndrome (ASD). As long as an autistic individual's body is overloaded with stressors they are incapable of socially crossing the bridge from the primitive fight for survival state of existence to the modern societal state of neocortextual living where the body can spend energy on processes other than mere survival. I believe that by viewing the individual with autism through the principles and concepts of Quantum Medicine an entire world of possibilities opens up to restore their bodies and their lives to balance and fulfillment. I believe they can achieve a state where there are no longer symptoms they need to suppress. I believe they can achieve a state of being where their behaviors and thoughts are controlled by a fully functioning neocortex. I believe that individuals with autism cannot only achieve a state where there is an absence of symptoms, but a state of health that includes the ability to communicate with and maintain healthy relationships with other human beings.

The purpose of this study is to demonstrate that a Quantum Medicine approach to autism improves the outcomes of individuals with autism.
Chapter 2: Literature Review

What is Quantum Medicine?

In 1905 the era of Quantum Physics was ushered in by Albert Einstein’s *Annus Mirabilis* papers published in the *Annalen de Physik* scientific journal. These papers ultimately changed the world’s view of space, time, and matter. The famous $E=mc^2$ equation effectively says that all matter is simply compressed energy. Since the human body consists of matter, studying the body in light of Quantum Physics establishes that at its most fundamental level human beings are energy beings. Viewing the body from a micro energetic viewpoint has opened up the field of Quantum Medicine. Quantum Medicine, as developed from Quantum Physics, the writings of Amit Goswami, PhD and the instruction of Dr. Paul Drouin, views the world from three primary assumptions:

- Consciousness is the ground of all being.
- Everything in the world operates by downward causation.
- Non-locality, discontinuity, and entangled hierarchy are major features of Quantum Reality.
Downward Causation Model of the Body

Consciousness -

The concepts of Consciousness as the ground of all being, non-locality, discontinuity, entangled hierarchy and downward causation create a quantum view of the human body versus the materialistic, segmented view created from Newtonian Physics which serves as the basis for allopathic medicine. Reality in Quantum Medicine starts with a Universal Consciousness, a Creator, or God from which all material substances are made and are interconnected. This Universal Consciousness is truly universal, connecting all pieces and parts of the universe. It is the ultimate source of all energy. Therefore, since all energy is derived from one source, changes or disturbances of energy decline with distance, but their influence is technically infinite according to Robert O. Becker, M.D. He makes the point that, “Every time you use your toaster, the [electromagnetic] fields around it perturb charged particles in the farthest galaxies ever so slightly.”¹ The Butterfly Effect, as popularized by Edward Lorenz², says that an energy disruption as small as a butterfly flapping its wings could affect weather patterns elsewhere in the world. Hence, the energy emitted or absorbed by individuals and animals through actions or thoughts are intrinsically derived from, and funnel back into, the same ultimate source. Disruptions or changes to an energy field impact the entire energy field.

The Supra-Mental Body -

The Downward Causation continues from the Universal Consciousness to the Supra-mental being that holds all the archetypes or the ultimate design for each and every individual. The Supra-mental being is the unique portion of the Universal Consciousness that is set aside to make you. This level holds the

¹ (Robert O. Becker, M.D. and Gary Seldon) p.81
² (Butterfly Effect)
spirit/soul of the person, their core beliefs that create who they are at their most fundamental being. The Supra-mental being holds the paraconscious mind which is capable of communicating with and receiving from the Universal Consciousness/Creator/God. It holds the perfect, undamaged blueprint. This is where miracles happen, where a quantum leap, a discontinuity, can bring about a spontaneous healing or produce an idea that changes life going forward. Meditation is a technique used to access the paraconscious mind within the Supra-mental body.

The Mental Body -

The third level in the Downward Causation model is the mental body, the mind – a place where you process thoughts and establish what you believe about what you experience, learn, or are taught. This is the location of the conscious and subconscious minds. Based on those beliefs your conscious mind selects the stimuli that it will accept. Your subconscious mind acts as a library that stores all the information your conscious mind has received. It then forms relationships between the contents of this stored information and develops reaction/action patterns. As the conscious and subconscious minds work together with the conscious mind receiving information and the subconscious mind producing the reaction/action patterns, you, ultimately create your reality. For example, if you find a particular individual offensive, regardless of what they say or do your conscious mind will only accept the stimuli that support your belief that they are offensive. Your subconscious mind will produce the programmed response of taking offense and becoming angry. The opportunity for a relationship with that individual is eliminated. As a result, you will miss out on all the other “non-offensive” stimuli, ideas, etc. that they have to offer. Thus, you could very easily miss out on an idea, a solution, or a relationship that would ultimately change the course of your life to the better.

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3 (D. L. Lytle)
Because of the downward causation effect from the mind, unresolved issues from the past affect a person’s health. Unresolved issues create energy disturbances within the body. Dr. Ryke Geerd Hamer proposes that unresolved shocks can create cancer and degenerative diseases.\(^4\) In discussing that the state of the entire nervous system can affect cancer Body Electric by Dr. Robert O. Becker and Gary Sheldon expands the concept with the statement, “…a high risk of developing cancer has been correlated with a specific psychological profile that includes a poor relationship with parents, self-pity, self-deprecation, passivity, a compulsive need to please, and above all an inability to rise from depression after some traumatic event such as the death of a loved one or loss of a job. In such a person, cancer typically follows the loss in a year or two.”\(^5\)

According to Dr. Joseph Dispenza in the 2004 film What the Bleep Do We Know?, when a new cell is made, it is not always identical to the old cell, but will contain more receptors for whatever peptide to which it was exposed when it split.\(^6\) Thus the body changes to adapt to continual mental stimuli. Hence, if there is a continual mental stimulus of anger, then as cells reproduce, more anger receptors will be available on the new cells leaving fewer receptors to absorb vital nutrients – resulting in deficiencies as people age, and those deficiencies then lead to more health problems.

The mental body is also the source of the placebo and nocebo effects. With a placebo effect the body responds positively to any stimuli that the mind believes will cause a positive effect. These positive results are usually considered simply psychological and without lasting effects by allopathic medicine. Yet these “psychological” effects are so significant that in drug trials researchers are required to reduce their findings by a percentage called the “Placebo Effect” when determining efficacy because individuals in the control

\(^4\) (Ryle Geerd Hamer)
\(^5\) (Robert O. Becker, M.D. and Gary Seldon)p221
\(^6\) (Arntz)
group get well simply because they believe that the new medicine will heal them. In fact, the pharmaceutical industry has seen an almost doubling of the placebo effect in the last 30 years and is working to eliminate this psychological “power of suggestion” in their drug trials\textsuperscript{7}. Quantum healers recognize the placebo effect as a genuine healing tool. If 20 to 60\% of people will get well, simply by believing they will, those individuals need to be supported and encouraged in their beliefs.

Opposite of the placebo effect is the nocebo effect where the body responds with harmful, negative consequences to stimuli that the mind believes will produce a negative effect. While both the placebo and nocebo effects are usually ascribed to the taking of an inert or dummy substances, the effects are not limited to just the taking of “sugar” pills. Genuine healing or illness can result from the belief in words, suggestions, or procedures. When patients undergoing a procedure are forewarned that they could experience extreme pain, they tend to experience more pain. A medical diagnosis giving an individual a certain number of months to live can become death sentence due to the nocebo effect. Individuals have died within their physician’s “You have X number of months to live” pronouncement, even though autopsy findings justify no physiological basis for the death.\textsuperscript{8} Simply the fear of death can lead to death.

Both the placebo and nocebo effects are evidence of the entangled hierarchy that occurs between doctor and patient. When the patient enters the doctor’s office they become entangled with the doctor. They express their fears and concerns to which the doctor feeds back either a positive or a negative response. The fear or the hope that the doctor believes is transmitted to the patient. The physician’ positive report can spur a placebo effect, while the physician's negative report can spur the nocebo effect.

\textsuperscript{7} (Silberman)  
\textsuperscript{8} (Cloud)
The study of psychoneuroendocrine immunology looks at the relationship between the brain and the immune system. Since 1979 researchers have established that the neuropeptides and endorphins mediate between the brain and the immune system. They have also discovered that the reverse is true. For example, studies have shown that the thymus gland’s secretions stimulate hormones that affect the central nervous system. In essence an emotion of fear, resulting from a diagnosis, pain, or other event, produces a brain chemical response that suppresses the immune system. A suppressed immune system then leads to disease. Similarly, reassurance that a situation is benign or insignificant can stimulate neuropeptides and endorphins that improve the immune system’s functioning and heal the body. For example, my elderly uncle was suffering from severe knee problems and pain, fearing the possibility of knee surgery. He happened to see the x-rays of his knee while at the doctor’s office. He saw nothing wrong in the x-rays. That sudden “aha” moment changed his belief system. It removed his fear and over the next several weeks his knee issue completely resolved by itself. Another example close to home for me involved my mother. She had noticed a hard knot on the side of her face. A biopsy was done of her parotid gland. When the nurse called with the results she told my mother that she had cancer of the parotid gland. My mother insisted that the nurse read the pathology report to her WORD FOR WORD. The report did not say “cancer”, the report said “suspect cells.” My wonderful, feisty mother scolded the nurse that she should NEVER tell anyone they had cancer when in fact the report only said “suspect cells.” “Suspect cells” were merely suspect and NOT a diagnosis of cancer. My mother held to that belief and upon removal and pathological evaluation of that parotid gland there were NO cancerous cells. In both cases, their belief systems translated into physical healing.

Psychoneuroendocrine immunology researchers are looking to determine ways

9 (Amit Goswami)
10 (D. L. Lytle) p10
that brain pathways can be altered to improve immune response. Since fear occurs in the belief system of the mental body, the ultimate psychoneuronendocrine immunology studies will need to look beyond the hardware of the brain to the software of the mind. In Quantum Natural Medicine the healer listens for thoughts, beliefs and emotions that suppress the immune system’s functioning, and works to encourage the thoughts, beliefs and emotions which will stimulate the immune system’s functioning.

The mental body also holds the power of intent. The famous Quantum Mechanics “Is Light a Particle or a Wave?” experiments demonstrated that the research results were affected by the intent of the researcher. Light behaved as a particle when the researcher’s intent was to observe if a photon was a particle. Light behaved as a wave when the researcher’s intent was to observe if a photon behaved as a wave. At the 2009 Falling Walls in Berlin Aspect summarized wave-particle duality of a photon as, “When you observe the single photon, you slightly change it.”

11 Not only did the observation/intent change the particle being observed, but non-locally affected a distant entangled particle. William Tiller’s experiments with mediators using their intention to raise or lower the pH of a beaker of water further demonstrated that intent does affect results. 

12 Since researchers set up their experiments and their studies with the intent to prove or find something, their intent will guide the outcome. This falls back to the idea that we see and hear the stimuli that our belief system is programmed to accept. Other stimuli may come to us, but the filters we have established in our minds, prevents it from being observed. On the negative side these filters limit creativity and new ideas. On a positive side, these mental filters can allow us to focus our intent constructively by eliminating distractions and unprofitable diversions. In Quantum Medicine this phenomenon can be used to help clients recognize

11 (Aspect)
12 (D. L. Lytle)
beliefs that are limiting their body’s ability to heal and to create new beliefs that will help them visualize their healing potential.

Mind to mind communication also takes place in the mental body. The Quantum Physic concepts of non-locality and entanglement are involved in this phenomenon. Non-locality, the ability of information to be transferred from one place to another without any intervening substance or connection allows a prayer to be said on one side of the world and to be felt by someone on the other side simultaneously. The effects of prayer have been experienced for thousands of years and are a significant part of all religious traditions. Great healings have occurred throughout the ages as a result of prayer. Two thousand years ago The Bible documented spoken words and non-local simultaneous healing. Even though people of faith have no problem understanding that prayer is non-local and instantaneous, it took Alain Aspect’s experiments in 1982 to scientifically prove the existence of non-locality. His experiments showed that when the spin of one particle of an entangled pair of light photons was measured, simultaneously at a distant location, the sister entangled particle possessed the identical spin. Hence, intent can non-locally affect any substance, being, or thought to which we are entangled.

The Vital Body -

The next level in the downward causation model of the human body is the Vital Body. I equate the vital body to the PNID drawings used to build something. They are the blueprints/drawings that the construction crews follow to physically construct a structure or equipment. If there is a mistake in the PNIDs then there will be a mistake in the object being constructed. Your Vital Body is the body’s

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13 (The Holy Bible)
14 (Chevalier)
energy system that holds the vital morphogenetic blueprints of everything that exists in the flesh.\textsuperscript{15} If there is a disruption in the energy flow of the vital body, there will be disruptions in the physical body because the PNIDs (or blueprints) of the body were altered. For thousands of years traditional medical systems like Traditional Chinese Medicine (TCM) and Ayurveda have understood that the body possesses an energy system. Since the late 1700’s the western medical discipline of Homeopathy also has understood the need to balance the body’s energy flow.

Traditional Chinese Medicine (TCM) sees chi – the life force energy that we feel in the body - as the key to maintaining health. They define health as balanced and free flowing energy, whereas allopathic medicine defines health as an absence of disease. Through thousands of years of study and practice TCM has mapped the energy flow of the body in what they call meridians. They have identified points where meridians cross or connect. These points are referred to as acupuncture or meridian points. They are intrinsically connected to the brain. Stimulation of an acupuncture point registers immediately in the brain, whereas, the stimulation of a meridian, not at one of the points, stops at the next meridian point.\textsuperscript{16} Through the medical system of acupuncture, pain and illnesses can be alleviated by stimulating various points.

TCM also see the body as five main parts that interconnect and flow directionally from one part to another – ether, air, water, wood and metal. These parts complement and balance each other and each part can increase or decrease the strength of another part according to particular patterns identified throughout the centuries. A TCM practitioner sees each person as an individual with individual needs and individual energetic disruptions. Herbal remedies have been used throughout the ages for the energy that they introduce into the body to

\textsuperscript{15} (Amit Goswami)  
\textsuperscript{16} (Kronn)
correct energetic imbalances. Acupuncture works by stimulating the energy system directly. These methods have a proven track record of over a thousand years of cures. Not just sick people enjoy the benefits of TCM. Since TCM is based on the principles of balancing energy flow, people can enjoy the benefits of maintaining good health.

The ancient healing art of Ayurveda is also based on maintaining the body’s energy flow. They call the life force prana and main energy centers, chakras. Like TCM, Ayurveda also defines health as a balanced and free flowing energy system. Ayuveda sees individuals as having different body types – vata, pitta, kapha or a combination. Its goal is to balance the chakras, the prana, and achieve the proportions of vata, pitta, and kapha unique to each individual’s goal of health. Individuality is key to the practice of Ayurvedic medicine versus allopathic medicine which focuses on sameness and the one-size-fits-all philosophy. Various forms of yoga are traditionally used in Ayurveda by individuals to personally guide the energy flow from their main energy centers, the chakras. As in TCM, herbal remedies are used for the energy that they introduce into the body to correct energetic imbalances. Meditation is also a key pillar in this form of energy medicine as it provides an avenue for the individual to access their paraconscious mind and ultimately, the Universal Consciousness/Creator.

Homeopathy, which took its place in western medicine, was developed by Samuel Hahnemann in the late 1700’s. It is a system designed to cure Vital Body imbalances. Hahnemann discovered several laws key to the practice of homeopathy. Based on the Law of Similarities medicines are chosen for their similarity to the issue or to the patient’s general presentation. Likes cure Likes - any substance which can cause the totality of symptoms in a healthy person when given in a potenized (highly dilute) form can cure the totality of symptoms

17 (Lansky)
in a sick person. Furthermore, it states that the 2nd and lasting effect it opposite the first effect.18 A typical example of this principle is the taking an over-the counter nasal spray to reduce sinus congestion. The spray initially removes the congestion, but ultimately the congestion returns and the individual finds themselves dependent on the nasal spray.

Another law Hahnemann determined was the Law of Infinitesimal Doses. According to this law, the more dilute the substance is, the better it works.19 From a Newtonian Physics viewpoint this law seems absurd. Newtonian Physics sees the world from a macro materialist perspective. Hence, since allopathic medicine is based on Newtonian Physics, their tools to cure the body are material items, generally things that can be acknowledged by the five senses like chemicals (pharmaceuticals) or surgeries. Some forms of energy technology are used on a gross/macro scale, but not with an understanding of individuality or the micro and energetic effects that such energy exposure can have on the body. Some forms like ultra-sound, MRIs and x-rays are used as a camera to see inside the body. Radiation is used as a tool to burn/destroy cells. Hot lasers are used to cut. The results they are looking for are on the macro level. With the advent of better and better microscopes the material items they consider are smaller than they used to be, but they are in the macro material realm, nonetheless. The concept that the body is energy and that any change or disruption to that energy affects the health of the individual is absent from Newtonian Physics based standard methodology and, in turn, from the Standard of Care that MD licenses and practices are based on.

When the body is viewed from a Quantum Physics perspective as energy, neatly and perfectly put together by a Universal Consciousness/Creator, then Hahnemann’s Law of Infinitesimal Doses starts to make sense. On the macro

18 13 (Drouin, Homeopathy & Homotoxicology)
level a material fix appears to work on a visual disruption. But when you look at a disruption in the body and look beyond the symptoms to the cause, the actual causative disruption to the body may not be visible to the naked eye or under a microscope. It might not show up on lab test results, x-rays or MRIs. It may be so subtle that it cannot be treatable by a gross material substance. For example, if we take a section of damaged flesh and look at it under a microscope, we will see tissues. Increase the power of the microscope and we can see individual cells floating in interstitial fluid. Increase the power of that microscope some more and now we can look inside a cell. We can see its interaction with various substances, molecules and charged particles called ions. If we keep increasing the power of our microscope we might be able to see the DNA and its arrangements of molecules called the genetic code. These are all simply various arrangements and combinations of molecules. With an even more powerful microscope we can see the atoms that make up the various molecules. We would see a tiny bit of substance surrounded by a whole lot of space filled with energy. If we probe even deeper we could look into an atom and see its tiny nucleus of protons and neutrons floating in a pool of electrons whizzing by. Then to look even deeper into the protons and neutrons scientists are now saying they are made up of quarks. A quark is defined as a spiral of energy. A particular combination of quarks makes up a proton and another combination of quarks makes up a neutron. Thus, the body is simply energy - infinitesimally small spirals of energy connected in an amazingly intricate and supremely organized manner. Hence, by viewing the body from its infinitesimal energetic foundation, infinitesimally small doses would be more effective, because infinitesimally small spirals of energy can fit into infinitesimally small spaces and address the root cause of problem rather than just the symptoms that appear on the surface.

Another main law of homeopathy is Herring’s Law of Healing used as the basis for the sturdy of Homotoxicology. This law states that symptoms leave in

20 (Kronn)
the reverse order from how they appeared – from newest to oldest, from inward, above, and below, and from the most vital to the least vital organ. By understanding how infinitesimally smaller the energy disruption gets as we move deeper into the body, Herring’s Law of Healing also makes sense. On an average day the body has four main pathways that it uses to eliminate waste products, both toxic and metabolic wastes. You either pee it out, poo it out, sweat it out, or breath it out. When those systems are either overloaded or not properly functioning, the body moves into the Humoral Phase to deal with the waste products.

The first response during Humoral Phase is excretion. The body may use mucus, coughing, vomiting, diarrhea, salivation, tears, etc. to expel the waste. If that is not sufficient it will move on to inflammation to isolate the toxic material from spreading throughout the body. It the excretion and inflammation processes are shut down with medications, creams, etc. the body will enter the Matrix Phase.

In this Matrix Phase the first response is to make localized deposits throughout the body. Edema, gallstones, kidney stones, heel spurs, obesity are among some of the illnesses resulting from the body being forced to deposit toxins in the body versus being able to eliminate them. When the deposits in the interstitial space are no longer adequate the toxins cross the cell membrane into the cellular cytoplasm. This is termed the Impregnation Phase. Some conditions associated with this phase include cellulitis, allergies, soft-tissue rheumatism, chronic issues, etc. After toxins have crossed the cellular membrane and moved into the cellular cytoplasm, they can be further forced into the structures inside the cell and the Cellular Phase begins.

21 (Drouin, Homeopathy & Homotoxicology)
In the Cellular Phase damage to the body occurs at an infinitely smaller scale, but closer and closer to the main switchboard of the body. As the toxins do their damage inside the cell membrane and structures within the cytoplasm a person can suffer from diabetes mellitus, mental deficiency, muscular atrophy, rosacea, polyneuropathy, and so on. With continued symptom suppression the toxins are forced even deeper inside the cell to where in the Dedifferentiation Phase illnesses associated with DNA damage are observed: cancers, tumors, mania, etc.22

In short, when the body’s elimination systems are either not working properly or are shut down to eliminate symptoms, the body is forced to store materials toxic to the human body. The more toxins the body is forced to store and the longer the toxins remain, the deeper the body is forced to store them.

There are three key understandings that need to come from Herring’s Law of Healing:

• First, to get well, let your body work the way it was designed to work and stop suppressing symptoms.
• Second, the deeper the issue has been forced into the body, the smaller, the more minute, and the more perfectly matched energetically will need to be the remedy. The Law of Infinitesimal Doses applies here. To be effective the smaller the packet of energy needs to be to repair the energy disruption.
• And thirdly, if you have forced your body to entrench toxins deeply in the body, to get rid of them, you have to allow the body to remove them the way they entered. It is like climbing down into a deep pit on a ladder. To get out of the pit you have to go back up the ladder, revisiting each rung, one rung at a time.

22 (Drouin, Homeopathy & Homotoxicology)
Even though traditional medical systems have hundreds, even thousands, of years of proven methods and successes of understanding and working with the Vital Body, their associations with non-western religions and cultures have kept their vast knowledge overlooked and even ignored. Their concepts of the energy body are considered foolishness, non-scientific or spiritual at best. Yet significant modern scientific research has been done substantiating these traditional healing systems.

Dr. Harold Saxton Burr, Professor of Anatomy at the Yale University School of Medicine for over 40 years, and his associates made thousands of measurements of electrostatic fields in humans, animals, and trees using the old vacuum tube voltmeter. He called these fields L-Fields for Life Fields. Through their research they found that L-Fields exist in all living things. These L-fields were measured as voltage gradients between 2 points on the body. Using this very early voltmeter they were able to show the precise moment of ovulation in women, equate emotions and mood to voltage rhythms, and accurately predict cancer and other diseases by measuring voltage gradients. They discovered that a change in a single gene in a parent plant stock affected voltage, which then would directly determine the plants' health and growth.²³ Burr’s work showed that all material substances are controlled by precisely measurable electrostatic fields that, in turn, control the growth and development of each living system. Burr felt that the discovery of the existence of the controlling L-Fields finally gave biologists an explanation to the question of how our bodies maintain their shape through ceaseless metabolism and changes of material.²⁴

Further support for the reality and scientific basis of the Vital Body was work done from 1958 to 1981 by an American medical doctor Robert O. Becker, who reviewed the work of other researchers and personally researched the

²³ (Hartman)
²⁴ (D. L. Lytle) p46
electrical effects on and in the body. In his book, *Body Electric: Electromagnetism and The Foundation of Life*, co-authored by Gary Sheldon, he presents a modern, scientific explanation of how the Vital Body’s morphogenetic fields act as the blueprints for the construction, maintaining, and rebuilding of the physical body.

“A large body of earlier work has shown that the redifferentiation instructions are passed along a tissue arc whose main element is the circuit already established between nerves and epidermis in the first phase. The electrical component persuasively explains how this arc, an update of the morphogenetic field, may work. The direction (polarity) plus the magnitude and force (amperage and voltage) of current could serve as a vector system giving distinct values for every area of the body. The electric field surrounding continuously charged cells and diminishing with the distance from the nerve would provide a third coordinate, giving each cell a slightly different electrical potential. In addition, a magnetic field must exist around the current flow, possibly adding a fourth dimension to the system. Together these values might suffice to pinpoint any cell in the body. The electric and magnetic fields, varying as the current varies with the animal’s state of consciousness and health, could move charged molecules wherever they were needed for control of growth or other processes. Since currents and electromagnetic fields affect the cell membrane’s “choice” of what ions to absorb, reject, or expel, this system – in concert with the chemical code by which neighboring cells recognize each other – could precisely regulate the activities of every cell.”

With the technological advances in the last half century the electric nature of the human body can be seen visually by a new breed of cameras. In the late

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25 (Robert O. Becker, M.D. and Gary Seldon)p 185-186
1980s, using microchip technology, Harry Oldfield invented Polycontrast Interference Photography (PIP) believing that being able to see imbalances in the body’s energy field would be an effective tool in visually locating the energetic disruptions that precede and accompany diseases in the human body. Functioning off the premise that the human energy field interferes with the energy packets of light called photons in the surrounding light he devised a computer program that would analyze the different light intensities being reflected off the person or object being scanned. This scanner could provide a real time, moving image of the body’s energy field.26

In 2006 I was privileged to attend Dr. Thornton Streeter’s presentation at an international conference. He displayed images produced by the PIP that provided visualization of the energy flows that approximated the meridian system determined by TCM thousands of years ago. Through a pooling or concentration of reflected photons, other PIP images provided a visual image equating to the chakras identified by ancient Ayurveda. Health issues were associated by a pooling or disruption of the energy flow. Application of an energetic healing technique would be followed by another PIP image documenting the effectiveness of the healing technique. The follow up images contained clearly less energy congestion and a more symmetrical flow of energy. By using PIP images Dr. Streeter and The Centre for Biofield Sciences works with local healthcare providers in India to improve their ability to help their patients.27 Harry Oldfield’s invention, combined with Dr. Streeter’s work, demonstrate that the Vital Body is real and disruptions in it can lead to or identify disruptions in the physical body.

Molecules and cells communicate with one another through subtle energy. According to Dr. Larry Lytle in Energy Transcendence that subtle energy takes

26 (Polycontrast Interference Photograph (PIP) Energy Field video Imaging System)  
27 (Streeter)
the form of biophotons. Following is Dr. Lytle’s explanation of how that subtle energy communication translates into physical activity and changes.

After years of mapping and measuring L-Fields, Burr declared that the essence of a human being is pure energy. His conclusions have been verified and amplified by the work of Dr. Fritz-Albert Popp, a German physicist, who has, in Munich, the largest biophoton laboratory in the world. Using a photon multiplier as his chief measuring instrument, Popp has shown that every cell in the human body communicates with every other cell by means of electromagnetic radiation. Popp’s research provides further evidence that the physiological function of living organisms are controlled and regulated by electromagnetic field patterns.

Photons are packages of energy. Biophotons are packages of energy transmitted by living organisms. Popp found that biophotons are electromagnetic waves with high frequencies. He also discovered that in the human body DNA has the role of absorbing and transmitting biophotons. Thus the DNA controls the biochemical and physiological reactions of every cell.

DNA does this by sending out “written” instructions in the form of RNA. When the electromagnetic field is working right with a balance of energy, the DNA keeps the body functioning correctly through its RNA messages. When the electromagnetic field is interfered with, DNA sends out faulty messages, and the body functions incorrectly. Thus at a basic level, the cause of any disease is incorrect information resulting from a flawed electromagnetic field pattern.\(^\text{28}\)

Becker says it this way, "The DNA-RNA apparatus isn’t the whole secret of life, but a sort of computer program by which the real secret, the control system, ________________

\(^\text{28}\) (D. L. Lytle)p49
expresses its pattern in terms of living cells." DNA is at best a software program. That software program remains after a person dies, but the system to run the program no longer exists. Scientists can take a sample of a deceased person’s tissue and determine their DNA. The DNA exists, but life does not, the person is dead. The factor that gives life is missing. The real control system, the real source of life, is not in the DNA, but in the energy fields and biophotons that flow and communicate within the person’s energy field.

Since life force is energy and humans are merely neatly packaged bundles of that energy how are we able to use and consume energy without falling apart? Insight lies in looking at the body where energy and material “substance” meet. Our tissues are made of cells. Those cells are made of molecules. The molecules themselves consist of atoms interlocked by energy called molecular bonds. These bonds hold energy. It takes energy to break a bond and energy is released when forming a bond. The atomic bombs dropped on Nagasaki and Hiroshima woke the world up to the vast amount of energy that atoms are capable of holding in their bonds. Obviously, if these bonds were broken in the process of normal routine energy use and consumption, releasing energy in the proportion that atomic weapons do, there would be no life on earth. There is, however, a means to break chemical bonds and make new ones with a much lower energy demand by using a catalyst. In the chemical industry it is common practice to use a catalyst to reduce the amount of energy required to produce a chemical reaction. The catalyst must be present for the reaction to occur at the lower energy requirement, but the catalyst itself, is not consumed during the reaction. The human body also uses catalysts to perform its chemical reactions – everything from digesting your food to creating ATP for energy so your muscles can more. The human body uses vitamins, minerals, and enzymes as its catalysts. As an example, during protein construction the body calls on the trace mineral rhodium 13,173,076 times to act as a catalyst during the protein building

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29 (Robert O. Becker, M.D. and Gary Seldon) p182
chore alone.\textsuperscript{30} If the body is deficient in just that one trace mineral the body’s ability to create proteins would be severely hindered. When the human body is short catalysts, it then requires far more energy to perform its required chemical reactions. So much more energy, that it becomes unfeasible and a vast number of reactions and body processes simply cease to occur resulting in what are commonly called chronic illnesses.

The Physical Body -

The final and most macro of the downward causation model of the human body is the physical body. This is the body that western allopathic medicine recognizes and attempts to treat. Diseases are classified by their symptoms. Physical symptoms are seen as disease and, thus, as the enemy, rather than as the body’s survival mechanism. Surgeries, pharmaceuticals (chemicals), and radiation used to destroy cells, are the allopathic physician’s main treatment options. An absence of disease or symptoms is their definition of health. Individuality is ignored as are generalized responses within the body. The training of western allopathic physicians is based on the Doctrine of Specific Etiology which looks for a specific cause for each disturbance in the body.\textsuperscript{31}

The Doctrine of Specific Etiology has led to specialization in the medical field. Each physician is knowledgeable and skilled in one area or system of the body. It is not unusual for an individual to have a directory of medical specialists – a heart specialist, a colon/rectal specialist, a urogenital specialist, a respiratory specialist, a hearing specialist, an Ear, Nose and Throat Specialist, a bone and muscle specialist, a chiropractor, etc. Each one of these specialists prescribes particular pharmaceuticals, screenings and/or therapies unique to his or her specialty. Even if they are aware of the products or therapies recommended by

\textsuperscript{30} (Walters) \textsuperscript{31} (Ellis)
other specialists, they have no idea of the net effect of the combinations the individual is consuming or their total exposure. My own husband was prescribed a drug to lower his triglycerides by his PCP. The side-effect of that drug caused him to gain twenty pounds in a couple months and raised his blood pressure. A heart specialist prescribed another drug to lower his elevated blood pressure. The side-effect of that drug was to raise his triglycerides. Both side-effects were noted on the package inserts, both physicians were aware of the medication prescribed by the other, but by looking at just their isolated segment of my husband’s body, their combined therapies only worked to worsen his overall health. This type of a situation is common in modern western medicine. It is not unusual for individuals as they age to take ten medications prescribed by five different physicians.

Many natural medicine techniques are also designed to work on the physical body. Naturopaths often use the same allopathic approach of attempting to eliminate symptoms in order to eliminate disease. They use natural, less toxic substances, but the basic understanding of the human body is still based on a physical, Newtonian Physics model. The taking of nutritional supplements is an attempt to make up for the nutritional deficiencies in our modern food supply. Chiropractic treatment attempts to improve spinal alignment so nerves and blood vessels are not impinged by vertebrae or other joints. Exercises, fitness and strength training techniques work to develop and strengthen the muscles, heart and respiratory systems. Diet management, detoxification program and sweating/sauna techniques are designed to provide the body good building blocks for cellular repair and growth, and, help the body remove wastes. All these methods have their merits and work extremely well if the disruption the body has encountered is purely a physical disruption.

The key understanding of the Quantum Medicine downward causation model of the human body is that it is downward. Adjustments made to the physical body remain at the physical body level. Adjustments made to the vital body not
only make adjustments to the vital body, but to the physical body as well. Adjustments made in the mental body will adjust the vital body and, in turn, the physical body. Adjustment made in the Supra-mental Body benefit the entire body system. We derive our being from the Universal Mind/Creator and that energy, which is neatly packaged to create each one of us, is the ultimate source of the human being.

Evaluation Approach to Quantum Medicine

It is one thing to understand the Quantum Medicine view of the “Five Bodies” of the downward causation model of the body, and their related healing traditions, but another to use that view to help guide a client onto their personal path of fullness in life, which not only includes health, but satisfaction, fulfillment and peace – a true state of positive health. Dr. Paul Drouin has developed a model for Quantum Evaluation. As stated in the instruction material, “This model helps to organize and understand the quantum parameters as well as how to evaluate and improve health, unlocking the stressors that creates resistance to the full potentiality and a state of positive health.” The system includes the Five Pillars of Health, the Five Bodies, the Five Elements and the Seven Chakras. 32

In the above discussion of the Five Bodies of the Quantum Medicine downward causation model of the human body, the Five Elements of the TCM and the Seven Chakras of the Ayurveda traditional healing systems were mentioned. These ancient systems have volumes of literature which I will not repeat here, but will summarize by saying that they offer a vast body of knowledge from which to draw an understanding of the interconnections between the physical body and the other bodies.

The Five Elements presented by Dr. Drouin divide the body into five physically observable divisions: Elimination, Assimilation, Immunity, Oxidation,

32 (Drouin, Webinar on the Five Pillars of Health)
and Regeneration Elimination looks at the body’s ability to eliminate, the organs systems that are involved in the elimination and detoxification processes, as well as the energetic (vital body) and mental components traditionally related to these systems. It looks at the correlations with other systems and available options to balance any disruptions or disturbances. A similar evaluation is made for Assimilation, for Immunity, for Oxidation and for Regeneration capabilities. Each evaluation results in the assignment of a numerical value, which ultimately offers the practitioner a prioritized place to start and a tentative plan to follow in guiding a client along their path to achieve positive health.

Within the Element of Immunity is a concept that I consider key to viewing the current autism epidemic. That key is the understanding of the General Adaptation Syndrome. Dr. Hans Selye spent years studying and writing about the body’s non-specific reactions to stressors. In one of his early research projects Seyle became struck with the body’s consistent, single, non-specific reaction to damaging agents of any kind. In his book, *Autism body-Brain Connection*, Dr. Gregory Ellis writes, “We realize that germs, poisons, and allergens each have a set of their own special, specific characteristics that separate their effects from those of other agents. When any substance, however, acts upon the body, the whole spectrum of non-specific responses occurs. What he [Selye] continued to discover was that all agents, of any kind, would cause the non-specific response. He was unable to find any poisonous agent or physical agent that did not produce the syndrome!”

Hippocrates, the Father of Medicine, taught that disease was the body’s fight to restore itself to balance. Similarly, Selye felt that the body’s non-specific reaction to a damaging agent was the body’s defensive action and a general call to arms of its defensive forces in its fight for survival. His studies indicated a triad

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33 (Drouin, Webinar on the Five Pillars of Health)
34 (Ellis)
35 (Ellis) p5
of responses or phases in the body’s non-specific reaction. The initial response is the Alarm Reaction. The Excretion and Inflammation phases proposed in Homotoxicology are the initial stages of the Alarm Reaction. Selye recognized that the body could not remain in a state of alarm. Death can occur within seconds or days depending on the strength of the damaging agent. Death can also occur during the Alarm Reaction phase if the body’s initial excretion and inflammation phases are suppressed allowing the strength of the damaging agent to increase. Flu deaths resulting from viral pneumonia are a common example. Marshall Smith, editor of the BroJon Gazette explains this phenomenon in answering the question, “What Caused the Deadly 1918 Flu?”

The source of the "1918 Flu" which is also incorrectly called the "Spanish Flu" has been a medical mystery. But the mystery is solved. The beginning of the 1918 flu season started in November 1918. This also was the end of WWI marked by Armistice Day November 11, 1918. Thus millions of soldiers from the trenches in Europe all were sent home. What they took with them was normal flu from China which occurs each year, and they also took with them the newly marketed aspirin.

Aspirin was patented by Bayer AG after Dr. Hoffmann’s synthesis of acetyl-salicylic-acid in 1899. Bayer mostly marketed its new Aspirin in Germany, but during WWI the use of Aspirin came into general use in the field medical hospitals as the only effective mild pain reliever and a treatment for coughs, colds and fever.

Thus the "deadly" 1918 Flu was caused by the new use of Aspirin to treat soldiers during the war. The result of reducing the fever from influenza is massive growth of the flu virus in the lungs and thus Atypical Pneumonia or simply Viral Pneumonia almost always resulting in death.

Since this first occurred worldwide at the end of WWI it was called the "1918 Flu." In the last several years, medical archaeologists have tried

36 (Ellis)
to obtain tissue samples from people who died from the 1918 Flu to find why it was so deadly.

So far the virus samples seem to be no different from other flu virus samples. They cannot explain why it was so deadly. It was not the flu virus which made it so deadly - it was the first worldwide use of the new pills called Aspirin to treat the flu which killed millions in 1918.

According to the latest CDC statistics, "Influenza and Pneumonia" are the deadliest infectious disease compared to the deaths from all causes, such as car accidents, murder, heart disease, cancer etc. Normally during the annual flu season Pneumonia Flu deaths range from about 3 percent during the summer to about 10 to 12 percent during the winter. The normal flu season runs from about November to April. There are actually two related diseases. Influenza is a viral infection which attacks the lungs and causes fever and cough. And then there is Viral Pneumonia caused by improperly treating the influenza with aspirin, and NSAIDs. There is a separate type of Pneumonia caused by bacteria which should not be in this category. The improper treatment of influenza with Aspirin, and later NSAID synthetics and now even Anti-viral medications such as TamiFlu are the cause not the cure for Atypical Pneumonia, now improperly named SARS.

The first worldwide use of Aspirin to treat influenza was during WWI resulting in the millions of deaths from the 1918 Flu. Each year since then the number of worldwide cases of Influenza is about 10 to 100 million resulting in an average death rate of about 1 million worldwide. Most of all of those deaths could be prevented by simply not reducing the fever during the onset of influenza.

SARS could be stopped overnight, if doctors would separate flu from Atypical Pneumonia by not treating the fever with drugs. 37

37 (Smith)
I saw this phenomenon first hand over Christmas 2009. My parents traveled to Arkansas to spend the holidays with one of my sisters and her oldest son and his family. When my parents arrived their two great grandsons were sick with the flu. In their small three bedroom house the flu spread to everyone. Except for my father, everyone in the family developed a fever and recovered in a couple of days. Instead of recovering like the others, my father was rushed to the emergency room in the wee hours of Christmas morning with viral pneumonia in both lungs. He had been faithful with his aspirin regimen for heart disease prevention and never developed a fever. By not allowing a fever to slow the virus’s replication, by the time his body’s alarm reaction of mucus excretion set in, the damaging substance was so great that the alarm reaction of the mucus excretion in his lungs was suffocating him. In a critical care case such as this, the life saving techniques of allopathic medicine are invaluable and I grateful for the care my father received. The point to remember, however, is that suppressing the body’s Alarm Reactions can have deadly consequences.

When an individual survives the Alarm Reaction, but the exposure to the damaging agent is not disarmed or eliminated, the body goes into a Stage of Adaptation or Resistance. In this second stage the body puts up a fight to either adapt to the damaging agent or resist it. The strength of this reaction is related to 1) the magnitude of the challenge and 2) the adaptive capacity of the organism. Selye noted that every part of the organism seemed to make an adjustment to the prolonged exposure to the damaging agent. He came to understand that each individual is born with a limited quantity of Adaptation Energy. When that Adaptation Energy is exhausted to where the body can no longer respond, coexist or adapt within its environment the body will gradually move into the third stage, the Stage of Exhaustion. In the Exhaustion Stage the body can no longer mount a defense. The modern diseases of cancer, heart

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(Ellis)
disease, type II diabetes, fibromyalgia, lupus are just a few of the diagnoses that people in the Exhaustion Stage receive.

Modern allopathic medicine works directly opposite these principles. Symptoms are viewed as a disease to be eliminated versus being recognized as the tools the body uses in its fight for survival. Instead of assisting the body in its fight, the symptoms, the alarm and adaptation responses, are suppressed. As long as people and the current allopathic medical system continue to not only ignore, but shut down the body’s intrinsic defense systems, the concept of positive health will never be a reality.

In contrast to the modern allopathic medical model, Quantum Natural Medicine views life and the human being from a completely different perspective. Quantum Natural Medicine does not involve the practice of medicine. It does not involve diagnosing and treating disease. The quantum healer

• Deals with health, not disease.
• Looks to rebalancing a global, interconnected body system
• Interacts with the client from two-way entangled, interactive relationship
• Draws from ancient and modern scientific approaches to increase the possibilities from which the client can draw to establish their own path to positive health.
What is Autism?

Historical Background –

During the late 1930’s autism was independently recognized by Leo Kanner\(^{39}\) in the United States and by Hans Asperger in Austria. Kanner’s paper published in 1943 outlined a behavior pattern, present from early in life, which he named “early infantile autism.” Kanner was convinced that the root cause of the syndrome was biologically based.\(^{40}\) Asperger’s paper was published in 1944 and he termed the syndrome “autistic psychopathy.”\(^{41}\)

Asperger saw mainly children who were verbal whereas Kanner saw nonverbal children. Hence, today when children who are verbal are diagnosed with autism they usually receive the label of Asperger’s Syndrome.\(^{42}\)

According to Kanner, the incidence of autism was 1 in 10,000 births.\(^{43}\) The incidence of autism started rising in 1979 and after 1983 soared dramatically to 1 in 500 by 1990.\(^{44}\) The rate of children affected with autism has continued to climb. As of Oct. 2009 the National Survey of Children’s Health reported that autism affects 1 in every 91 births.\(^{45}\)

\(^{39}\) (Wing)  
\(^{40}\) (A very brief history of Autism)  
\(^{41}\) (Coates)  
\(^{42}\) (Wobus)  
\(^{43}\) (Wobus)  
\(^{44}\) (Deisher)  
\(^{45}\) (Cox, Lauren and Sargenti, Sarah)
Diagnosing Autism

The Psychiatric Diagnostic manual DSM VI holds the diagnostic criteria for autism – The **DIAGNOSTIC CRITERIA FOR 299.00 AUTISTIC DISORDER**\(^{46}\) is copied below.

A. A total of six (or more) items from (1), (2), and (3), with at least two from (1), and one each from (2) and (3)

(1) qualitative impairment in social interaction, as manifested by at least two of the following:

a) marked impairments in the use of multiple nonverbal behaviors such as eye-to-eye gaze, facial expression, body posture, and gestures to regulate social interaction

b) failure to develop peer relationships appropriate to developmental level

c) a lack of spontaneous seeking to share enjoyment, interests, or achievements with other people, (e.g., by a lack of showing, bringing, or pointing out objects of interest to other people)

d) lack of social or emotional reciprocity (note: in the description, it gives the following as examples: not actively participating in simple social play or games, preferring solitary activities, or involving others in activities only as tools or "mechanical" aids)

(2) qualitative impairments in communication as manifested by at least one of the following:

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\(^{46}\) (American Psychiatric Association)
a) delay in, or total lack of, the development of spoken language
(not accompanied by an attempt to compensate through alternative
modes of communication such as gesture or mime)

b) in individuals with adequate speech, marked impairment in the
ability to initiate or sustain a conversation with others

c) stereotyped and repetitive use of language or idiosyncratic
language

d) lack of varied, spontaneous make-believe play or social imitative
play appropriate to developmental level

(3) restricted repetitive and stereotyped patterns of behavior, interests and
activities, as manifested by at least two of the following:

a) encompassing preoccupation with one or more stereotyped and
restricted patterns of interest that is abnormal either in intensity or
focus

b) apparently inflexible adherence to specific, nonfunctional
routines or rituals

c) stereotyped and repetitive motor mannerisms (e.g. hand or finger
flapping or twisting, or complex whole body movements)

d) persistent preoccupation with parts of objects

B. Delays or abnormal functioning in at least one of the following areas, with
onset prior to age 3 years:

(1) social interaction

(2) language as used in social communication
(3) symbolic or imaginative play

C. The disturbance is not better accounted for by Rett's Disorder or Childhood Disintegrative Disorder

In short, autism is a social skills handicap. The autistic individual has difficulty with communication skills, both verbal and nonverbal which limit or eliminate their ability to communicate and socialize. Living in a world isolated via the normal communication pathways the autistic individual finds some, usually socially inappropriate, avenue to vent their frustration, or something on which to focus that they can control. The result can produce autistic savants, who become amazingly creative within their isolated world by paying attention to things the rest of us miss. Or, in most cases, lack of normal socialization skills produces seriously socially impaired individuals who simply cannot enjoy meaningful relationships and lead what most people consider “normal” lives.

Possible Etiologies

With the exponential rise in autism from 1 in 10,000 in 1979 to 1 in 91 in 2009, the quest for possible etiologies abound. Among the most frequently proposed are: Abnormalities in the Digestive System, Vaccines, Genetics, Mitochondrial Dysfunction, Brain Inflammation, and “Total Load.”

Abnormalities in the Digestive System –

Many autistic children fight digestive issues. Constipation and diarrhea are common issues. Candida overgrowth is often seen in autistic individuals.\textsuperscript{47} The apparent success with secretin, a digestive hormone, in the late 1990s brought abnormalities of the digestive tract to the forefront.\textsuperscript{48} Since the digestive system supplies the body with nutritional building blocks and eliminates waste

\textsuperscript{47} (Goddard)
\textsuperscript{48} (Gregg)
products, disturbances in it affect the entire body including neural functioning. Elimination and Assimilation are vital components of the Five Pillars of Health.\textsuperscript{49} When these components of the body do not function properly the other pillars of Immunity, Oxidation, and Regeneration are also disrupted leading to the global disruption in functional behavior that is noted in individuals with autism.

The significance of gut flora is substantial. According to Wikipedia, “The human body, consisting of about 100 trillion cells, carries about ten times as many microorganisms in the intestines.\textsuperscript{50} The metabolic activities performed by these bacteria resemble those of an organ, leading some to liken gut bacteria to a "forgotten" organ.\textsuperscript{54} It is estimated that these gut flora have around 100 times as many genes in aggregate as there are in the human genome.”\textsuperscript{55} Dr. Campbell-McBride summarizes the situation by saying, “90% of all cells and all genetic material in a human body is our own gut flora. We are just a shell. We are only 10%. We are a habitat for this mass of microbes inside us. We ignore them at our peril.”\textsuperscript{56} She believes that children are born with perfectly normal brains and perfectly normal sensory organs, but from birth they develop abnormal gut flora. This makes their digestive system a source of toxicity rather than a source of nourishment.

Abnormal gut flora allows pathogenic microbes to flourish in the digestive tract which then damage the integrity of the gut wall. With a damaged gut wall, toxins, microbes, and intact proteins flood into the bloodstream of the child\textsuperscript{57} and make their way to the child’s brain. Even though a child is born with perfectly

\textsuperscript{49} (Drouin, Webinar on the Five Pillars of Health)
\textsuperscript{50} (Björkstén B, Sepp E, Julge K, Voor T, Mikelsaar M)
\textsuperscript{51} (Guarner F)
\textsuperscript{52} (Sears)
\textsuperscript{53} (Steinhof)
\textsuperscript{54} (O’Hara AM, Shanahan F)
\textsuperscript{55} (Junjie Qin; et al (2009))
\textsuperscript{56} (D. N. Campbell-McBride)
\textsuperscript{57} (Jeroen Visser, Jan Rozing, Anna Sapone, Karen Lammers, and Alessio Fasano)
normal sensory organs to collect information from their environment and a perfectly normal brain to process that information Dr. Campbell-McBride believes,

“Because of this river of toxicity coming out of the gut and flooding into the brain of the child, the brain is clogged with toxicity and it cannot process the sensory information. Sensory information turns into this mush, into a noise in the child’s brain and from this noise the child cannot learn. They cannot decipher anything useful. That’s why they don’t learn how to communicate. They don’t learn how to understand language, how to use language, how to develop all the natural instinctive behaviors and coping behaviors that normal children develop.”

“The second year of life is crucial in the maturation of the brain of the baby. That’s when communication skills develop and how instinctive behaviors develop and play skills develop in children and coping behaviors develop. If the child’s brain is clogged with toxicity, the child misses that window of opportunity of learning and starts developing autism depending on the mixture of toxins, depending on how severe the whole condition is, depending how severely abnormal the gut flora is in the child. The child may manifest this condition as a bunch of symptoms which would fit into a diagnostic box of autism or as another bunch of symptoms which would fit into a box of attention deficit hyperactivity disorder (ADHD) or attention deficit disorder (ADD) without hyperactivity or dyslexia or dyspraxia or obsessive-compulsive disorder or something else.”

Dr. Campbell-McBride offered the following explanation as to the causes that are triggering this abnormal gut flora. (Headings are mine)

1. Inadequate gut flora transferred to the infant during the birthing process.

58 (D. N. Campbell-McBride)
“As far as science knows the baby inside the mother’s womb during nine months of gestation is sterile. The baby’s gut is sterile. When does the baby acquire its gut flora – at the time of birth when the baby goes through the birth canal of the mother. So whatever lives in mom’s birth canal, in mom’s vagina, becomes the baby’s gut flora.

So what lives in mom’s vagina? It’s a very richly populated area of a woman’s body. The vaginal flora comes from the bowel. So if the mother has got abnormal gut flora she will have abnormal flora in her birth canal. Fathers are not exempt because fathers also have gut flora and that gut flora populates their groin and they share their groin flora with the mother on a regular basis.”

The significant rise in the number of cesarean sections (C-Section) being performed also contributes to children not receiving gut flora at birth. With a cesarean the baby never goes through the birth canal of the mother. The CDC statistics through 2007 show that 1 out of every 3 births in the U.S. is now a C-Section. A 53% increase in just the last ten years.

2. Antibiotics destroys gut flora.

“… we have a growing and a deepening epidemic of abnormalities in the gut flora which began since Second World War when antibiotics were discovered. Every course of broad spectrum antibiotics wipes out the beneficial species of microbes in the gut which leaves the pathogens in there uncontrolled. In a normal healthy digestive system with a normal healthy gut flora, the beneficial species of microbes predominate and they are called probiotics. We have probiotics bacteria, probiotic viruses and

59 (D. N. Campbell-McBride)
60 (FayMenaker, Dr. P.H. and Brady E. Hamilton, PhD)
probiotic yeasts and beneficial worms, even beneficial protozoa but the broad spectrum antibiotics wipe out the beneficial bacteria.

In parallel with beneficial microbes in the healthy gut, the scientists have found now thousands of different species of downright pathogenic disease causing microbes; bacteria, viruses, fungi and other microbes. But as long as the good ones predominate in the gut, they control all the pathogens and they do not allow them to cause any trouble. They keep them in small colonies and they don’t allow them to proliferate. Every course of antibiotics wipes out the beneficial bacteria and that gives a window of opportunity for the pathogens to proliferate, to grow uncontrollably, and to occupy new niches in the gut. The beneficial flora recovers but different species of it take between two weeks to two months to recover in the gut and that’s a window of opportunity for various pathogens to overgrow.

What I see in the families of autistic children in particular … hundred percent of [the] moms of autistic children have got abnormal gut flora and health problems related to that. But then I look at grandmothers on the mother’s side and I find that the grandmothers also have got abnormal gut flora but much milder… due to a few courses of antibiotics which she received prior to having her daughter, then she had her daughter and passed her slightly abnormal gut flora to her daughter at birth.” … “And with every course of antibiotics, the abnormalities in the gut flora would get deeper and deeper in these girls.”61

3. Lack of breastfeeding

Breast feeding fell out of vogue among western countries as early as the 1920’s. My grandmother was discouraged from breast feeding on the basis that her milk was too thin. Her physician convinced her to not breast

61 (D. N. Campbell-McBride)
feed by having her express some breast milk and compare it to a similar amount of cow’s milk. By the 1950’s when my siblings and I were born, my mother never even attempted to breast feed. Formulas were on the market and bottle fed babies were the cultural norm. Dr. Campbell-McBride states, “Now we know better. “We know that breastfed babies develop completely different gut flora to the bottle-fed babies.” “Breastfeeding provides a protection against this abnormal gut flora.” “[Bottle fed] babies develop abnormal gut flora which later predisposes them to allergies, eczema and learning disabilities and various other health problems.” 62

A research team at the Ann NY Academy of Science provides details on the difference in gut flora between breast fed and bottle fed babies. “The positive effects of breast milk can be attributed, at least in part, to its influence on the microbial colonization process of the newborn intestine. The genus Bifidobacterium is predominant in feces of breast-fed infants, while a larger variety of bacterial groups (Bacteroides, Streptococcus, Clostridium, etc.) integrate the fecal microbiota of formula-fed infants."63 Their research went on to show that loss of the intestinal barrier function plays a significant part in autoimmune disorders. They concluded that, “new therapeutic strategies aimed at re-establishing the intestinal barrier function offer innovative, unexplored approaches for the treatment of these devastating [auto immune] diseases. 64

One other note, significant to the onset of autism, is that even if a baby has acquired abnormal gut flora, immune factors for that abnormal gut flora in the mother’s blood/milk supply will provide some protection to the child as long as the child breast feeds. Dr. Campbell-McBride emphasizes, “But as soon as the breastfeeding stops that protection stops as well. That is the time when the

62 (D. N. Campbell-McBride)
63 (Jeroen Visser, Jan Rozing, Anna Sapone, Karen Lammers, and Alessio Fasano)
64 (Jeroen Visser, Jan Rozing, Anna Sapone, Karen Lammers, and Alessio Fasano)
abnormalities in the gut flora really flourish and the child starts sliding down into autism or ADHD or ADD or any other learning disability or physical problems such as diabetes type 1 for example and celiac disease or another autoimmune condition or some other physical condition, asthma, eczema and other physical problems.65

4. Contraceptive pills also destroy gut flora.

Oral contraceptive pills are another fairly recent event in the grand scheme of human life. According to Sarah Pope these types of drugs devastate beneficial bacterial flora leaving the gut …

1) vulnerable to colonization and dominance from pathogenic strains such as Candida Albicans, Streptococci and Staphylococci among others.
2) challenged in its ability to digest food and absorb nutrients even if a healthy diet is consumed.
3) unable to synthesize nutrients including vitamin K, pantothenic acid, folic acid, thiamin (B1), cyanocobalamin (B12), amino acids and others.
4) depleted in zinc, “the intelligence mineral” as it is intimately involved in mental development. Low zinc is associated with lowered IQ and birth defects.66

5. Abnormal gut flora compromises the immune system

Dr. Campbell-McBride explains, “Babies are born not only with a sterile gut but they are born with immature immune systems. They come into this world like aliens. Their immune system needs educating. Establishment of normal gut flora in the first 20 or so days of life plays a crucial role in appropriate maturation of the baby’s immune system. Babies who develop abnormal gut flora are left immune compromised. Vaccinations have been developed originally for children with a perfectly healthy immune system.

65 (D. N. Campbell-McBride)
66 (Pope)
GAPS children are not fit to be vaccinated with the standard vaccination protocol.

I have seen children damaged [by vaccines]. It all depends on how poorly is the immune system of the child. These children are already immune compromised because they have acquired abnormal gut flora. The child becomes more immune compromised with every course of antibiotics. It’s a matter of the last straw breaking the camel’s back. So if the child is damaged enough, the vaccine can provide that last straw. But if it doesn’t provide that last straw in a particular child then it will get the child closer to the breaking point. So the child may not be damaged by vaccination immediately and develop autism straight after vaccination but a year later they may develop diabetes type 1.  

**Vaccine damage –**

Vaccine damage has been repeatedly raised as a cause of the exponential rise in autism. Prior to 1979 autism was 1 in 10,000. That year the MMR was introduced for all infants starting at 15 months of age. The incidence of autism increased to 1 in 2,500 over the next few years – a four-fold increase. In 1991 the vaccine schedule included a Hepatitis B vaccine to be given to infants within the first 48 hours after birth. The incidence of autism jumped to 1 in 152 for children born in 1993-1994. As more and more vaccines have continued to be added to childhood immunization schedule the incidence of autism has also continued to climb. A Dec. 19, 2009 report published by the CDC showed the rate of autism for children born in 1997-1998 to be 1 in 110.

67 (D. N. Campbell-McBride)
68 (Wobus)
A newly published South Korean study shows the current rate to be 1 in 38.\textsuperscript{71} The recommended vaccine schedule included 22 immunizations in 2000\textsuperscript{72} and in 2011 includes 42\textsuperscript{73} before age 6. I personally saw the vaccine damage - autism connection with my own son and have had numerous parents tell me how their perfectly healthy child suddenly slipped into autism following a vaccination. The increasing incidence of autism paralleling the increase in mandated childhood vaccination has many parents and professionals\textsuperscript{74} alike convinced that vaccine damage is a huge contributor to the autism epidemic.

A logical scientific review of the toxins used in vaccines compared with the MSDS (Manufacturer Safety Data Sheets) should give any intelligent individual pause before injecting vaccines into anyone let alone an infant. Mercury (from which thimerosol is derived) is a known neurotoxin, resulting in “Madhatter’s Disease.” Mercury was used throughout the ages by hatters in the making of fur hats. The symptoms of the subsequent neurological based disease named after the affected hat makers bears an alarming resemblance to the symptoms of autism listed in the DSM IV. Mercury in the form of thimerosol is still used in many of the vaccines given to children even though they are labeled as thimerosol free. The amount of mercury remaining at the end of the manufacturing process is considered trace,\textsuperscript{75} but as already demonstrated earlier in this paper trace minerals in the body are involved in a tremendous number of chemical reactions, so no trace amount of a toxic mineral can be considered insignificant. Furthermore, there is no calculation of the combined amount of mercury from 42 or more vaccinations.

\textsuperscript{71} (Hamilton)
\textsuperscript{72} (M. CDC)
\textsuperscript{73} (CDC, Recommended Immunization Schedule for Persons Aged 0 Through 6 Years—United States • 2011)
\textsuperscript{74} (Kirby)
\textsuperscript{75} (CDC, Vaccine Excipient & Media Summary, Part 2 Excipients Included in U.S. Vaccines, by Vaccines)
Aluminum, which has replaced mercury in the thimerosol-free vaccines and is often used as an adjuvant is also a neurotoxin. Symptoms of aluminum poisoning include:

- Social deficits
- Social withdrawal
- Depression, mood swings.
- Poor short term, verbal & auditory memory
- Loss of speech or failure to develop speech
- Impairment in choice reaction time
- Light and/or sound sensitivity
- Poor concentration, attention, response inhibition
- Poor performance on verbal IQ tests
- Sleep difficulties
- Self-injurious behaviors

From a quick comparison of these symptoms with the DSM IV criteria for autism one could draw the conclusion that aluminum poisoning could be causing the symptoms identified as autism.

An interesting comment is on the OSHA website for aluminum safety guidelines, "It appears that the aluminum content of the brain is less an issue relating to exposure to aluminum than an issue of a blood-brain barrier defect or compromise of some kind." Combining this statement that aluminum toxicity is worse when there is a compromised blood brain barrier with an understanding of infant physiology, that infants do not enter the world with intact blood brain barriers, the presence of aluminum in vaccines alone could potentially cause autism in children.

76 [Struve]
77 (Amdur MO, Doull J, Klaassen CD)
Similar comparisons can be done with numerous other toxic substances included in vaccines. Repeated doses of minute quantities of a toxin are considered chronic exposure. 42 exposures before age 6 would fall into this category. The ATSDR website for formaldehyde toxic effects under the Chronic Exposure heading alone on states,

“The major concerns of repeated formaldehyde exposure are sensitization and cancer. In sensitized persons, formaldehyde can cause asthma and contact dermatitis. In persons who are not sensitized, prolonged inhalation of formaldehyde at low levels is unlikely to result in chronic pulmonary injury. Adverse effects on the central nervous system such as increased prevalence of headache, depression, mood changes, insomnia, irritability, attention deficit, and impairment of dexterity, memory, and equilibrium have been reported to result from long-term exposure. Chronic exposure may be more serious for children because of their potential longer latency period.”

Under acute exposure heading the ATSDR emphasizes the warning that,

“Children do not always respond to chemicals in the same way that adults do. Different protocols for managing their care may be needed.”

Not only are vaccines full of toxic components unrelated to the pathogen, the pathogenic material itself is not a naturally occurring substance. As Dr. Campbell-McBride states, “…we also have to understand the pharmaceutical industry cannot patent natural viruses, natural bacteria or any microbe that nature has created. They have to genetically modify them before they can patent them. So these vaccines contain genetically modified viruses, genetically modified microbes. We still haven’t got enough data to know what exactly they’re doing to the human body and what exactly these genes are doing to our gut flora in these

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78 (ATSDR)  
79 (ATSDR)
children. I see many children in my clinic who have been damaged by vaccinations. It doesn't have to be MMR. Some children are damaged by MMR. Some children are damaged by DPTs. Some children are damaged by the first vaccines that they receive as soon as they are born.”

Dr. Gary Null gave expert testimony to the NY State Assembly on Oct. 13, 2009 on the damage that vaccines are doing to our children in his in response to legislative action requiring the swine flu vaccination.

“If children receive flu vaccine, it can be even more deadly because children are more sensitive to mercury and to the effects of depressed immunity. Flu vaccine in children causes an increased incidence in asthma by 200%. There has caused sudden memory loss in children and adults immediately after receiving flu vaccine. . .”

“Very young babies are at extremely high risk because their brains are immature; blood brain barriers are ‘leaky’ and more sensitive to toxins. In the first two years of life, infants may receive 22 vaccines with as many as nine shots in one office visit. Many doctors feel this is criminal. . .

“Nasal flu vaccines are even worse because they introduce a live virus into the nasal mucous membranes only a few inches from the brain where viruses can potentially travel upward via the olfactory (smell) nerves.”

Then to make matters worse, he stated that in the over one thousand efficacy studies on vaccines that he reviewed NOT ONE was a double blind placebo controlled study. The pathogenic component was removed,

80 (D. N. Campbell-McBride)
but all the other toxic materials that are injected into an individual as part of the vaccine were given to the “control” group.  

Regarding VACCINES AND AUTISM

Dr. Tinus Smits speaks about vaccine damage from a homeopathic perspective, “When some of my autistic patients greatly improved after the detoxification of their vaccines, my interest was aroused, and I became increasingly convinced that autism must at least partially tie in with the administration of vaccines.”

From a GAPS perspective, a child with abnormal gut flora automatically has a compromised immune system. Dr. Campbell-McBride states, “these children must not be vaccinated with the standard vaccination protocol because they simply get damaged by it. They should not be vaccinated.”

According to Dr. Richard Ruhling, “The evidence is overwhelming – Thimerosal and possibly other ingredients can cause autism. On February 25, 2008 an announcement came that even the Court of Federal Claims (the Vaccine court) agrees, as a family was awarded compensation from government (Dept. of Health & Human Services via US Assistant Attorney General Peter Keisler), in the case of a little 18 month old girl who immediately began a downhill neurologic horror shortly after receiving vaccines for 9 diseases in one visit to the doctor’s office. Two of the vaccines contained thimerosal. It was autism and much more, labeled by experts as regressive encephalopathy triggered by thimerosal in the vaccines. The child is permanently brain damaged. Their little girl’s case was profound and obvious. The more common scenario is the thousands who may have various types of brain damage which are not so

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81 (Null)
82 (Smits 1)
83 (D. N. Campbell-McBride)
severe and not so obvious: the ones which come on more slowly, several months or years later like ‘mild autism or mild ADHD’ or some mixture of mental or behavioral abnormalities. What a lot of people don’t understand . . . is that there can be several factors at work, not just mercury. Mercury is a deadly toxin but other factors can render it even more deadly. . . We never know which wicked mixtures [of toxic substances in vaccines] in combination may be producing neurologic disease. . . Medical ‘authorities’ would have you believe that certain diseases are clear-cut single events, black and white. The truth is that there are grey zones of disease which are hard to categorize. 84

Although publically denying the relationship of vaccines and autism, the National Vaccine Injury Compensation Program (NVICP), involving what is known as the vaccine court, has awarded more than $1.8 billion for vaccine injury claims in nearly 2,500 cases since 1989. It is funded by a tax on vaccines. The National Childhood Vaccine Injury Act of 1986 is a law intended to ensure a stable vaccine supply that created a special program to handle disputes, thus, shielding vaccine manufacturers from most lawsuits. Of the 2500 awarded cases 1300 cases involved childhood brain injury and 83 cases documented as autism. 85 The 1.8 billion dollars awarded is proof that vaccines are not safe. The government has asserted that it "does not track" autism among the vaccine-injured. 86 Authors of a study released in the Pace Environmental Law Review feel hundreds of autism cases have been settled quietly by the government and that thousands more cases were never filed. Even still there are currently over 5,000 vaccine court cases pending before the vaccine court that claim autism as a result of vaccine injury. 87

84 (Ruhling)
85 (NAA)
86 (Minds)
87 (NAA)
These cases do not include the thousands upon thousands of unreported instances of death and disability and other adverse reactions that are never even reported to VAERS (Vaccine Adverse Events Reporting System). In Michael Belkins’ testimony to the CDC Advisory Committee on Immunization Practices he reports how his perfectly healthy five week old daughter, Lyla Rose Belkin, died within hours after receiving her Hepatitis B booster shot. A swollen brain was the only abnormal finding in the autopsy. The New York City Coroner called VAERS to report his daughter’s Hepatitis B Vaccine-related infant death and no one ever returned their call. Then later on reviewing the autopsy report Belkin noticed that the coroner failed to mention the swollen brain and the Hepatitis B injection that had been given earlier in the day.88 With a non-responsive reporting system and medical personnel omitting vaccine related adverse reactions from their records, the number of adverse events directly to vaccinations is estimated to be underreported by 9889 to 99%.90 That means that for every one of the 5000 outstanding cases relating autism to vaccines before the NVIC there are nearly 500,000 cases of vaccine caused autism that have gone unnoticed and unreported, let alone other serious damage caused by vaccines. Sandy Gottstein states that based on her research, “There have so far been almost 301,000 vaccine-associated adverse reactions reported to VAERS. Even without the fact of under-reporting in a passive reporting system being taken into that’s a lot of reactions. With the correction, it amounts to the possibility that the number reported could represent as many as 30,100,000 adverse vaccine-associated events.”91

Ruhling states, “Vaccines aren’t just prone to produce autism; they have the potential to produce a variety of brain damage syndromes, mild to severe, depending on several factors embodied within the genetic + nutritional +

88 (Belkin)
89 (Froeschle)
90 (Kessler)
91 (Gottstein)
environmental variables. Cleverly worded distortions in official press releases illustrate simply more ways that ‘lying with authority’ can fool you." Vioxx was pulled off the market after it killed or disabled 43,000 adults, yet the cries of parents and professionals alike regarding the damage that vaccines are causing our children go unheeded and dismissed. Parents are wondering why their children do not matter.

Whether reviewed from a logical scientific assessment of the toxins involved and the physiology of an infant, or from the experience of what it takes to heal individuals from autism, vaccinations given to infants and young children appear to be a primary etiology in the cause of the current autism epidemic.

Genetics –

Genetics as the etiology for autism is frequently presented by those who insist that environment and immunizations are not the cause of this epidemic. Some families suffer with several children being affected by autism suggesting a genetic etiology. In my own family I have a son with autism, my father-in-law suffered the rest of his life from the swine flu vaccine induced paralysis of Guillain–Barré syndrome, a grand-nephew is debilitated with autism and another one with ADHD. Those family coincidences could definitely suggest a genetic link that our genetics allow for neurological damage from vaccines.

The Autism Genome Project was launched in 2004 to search for genes that would indicate susceptibility to autism. Data was collected from 1558 ASD families from more than 50 centers in North America and Europe. The study found limited evidence that common alleles affect risk for autism. “Our findings

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92 (Ruhling)
93 (Null)
appear to rule out a common allele increasing relative risk by 2-fold or more.” The study concluded that the number of families studied was still relatively small and that genetic variation affecting expression or function of the gene ST8SIA2 should be studied further.95

Other researchers have sought to find the genetic clue for autism by analyzing other genes. The background information for research by Tansey et al (2011) states, “The neuropeptide arginine vasopressin (AVP) has been hypothesized to play a role in the aetiology of autism based on a demonstrated involvement in social bonding and in the regulation of a variety of socially relevant behaviours in animal models.” Their conclusion was that “shorter alleles of RS1(a microsatellite at the AVPR1A gene) lead to decreased AVPR1A (arginine vasopressin receptor 1A gene) transcription, which may proffer increased susceptibility to the autism phenotype.”96 Another study by Konyukh et al (2011) started with the premise that “Twin and family studies have conclusively described ASD as the most ‘genetic’ of neuropsychiatric disorders …” However, in their conclusion, they state, “Taken together, our results merged with those previously reported by Kumar et al. (2009) suggest that there is no significant enrichment of non-synonymous variations in the SEZ6L2 gene in ASD compared with geographically matched European controls.”97 The conclusions of these research studies to find a genetic cause seem to basically infer that as much as they believe that genetics must be the root cause, no research to date has located the “magic gene” that causes autism.

Pardo and Eberhart studied the neurobiology of autism. They associated the neurobiological changes in ASD to potential genetic etiologies whenever possible and found a number of potential relationships. However, they conclude their efforts to find a genetic etiology with the statement, “It is clear that genetics

95 (Anney, Richard et al)
96 (Tansey et al)
97 (Konyukh M, Delorme R, Chaste P, Leblond C, Lemiere N, et al)
alone do not determine the entire ASD phenotype, and that other non-genetic factors must play roles as modifiers of processes determined by genetic susceptibility."

Tinus Smits debunks the possibility of autism being caused by genetic transfer. He states, "As we know, the child receives half of its genes from each parent. It has to be said that most children are born genetically healthy. Autism is often referred to as a genetic disease, but a genetic disease cannot increase within one generation as rapidly as autism has." "A genetic disease can only increase 3 to 4% in a generation (30 years). Instead we need to look at epigenetics, the factors that can switch a gene on or off during a person’s lifetime. Apparently there are many conditions in our modern life that can switch on the genes for autism…"

As quoted earlier in this paper, Robert O. Becker explains that, "The DNA-RNA apparatus isn’t the whole secret of life, but a sort of computer program by which the real secret, the control system, expresses its pattern in terms of living cells." In light of these comments the researchers on their "genetic quest" might be more apt to find the answers they are looking for if they switch to researching, epigenetics, the control system that turns on and off the expression of genes according to environmental signals, rather than the genes themselves.

Genetics as the cause of autism appears to be an etiology very much desired, because it shifts the burden of responsibility from individuals and government agencies to something, "Nobody could help. It is no one’s fault." It also opens the door for lucrative research in an effort to find a “drug” that will suppress the "autism" gene. However, to date studies are inconclusive despite

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98 (Calos A. Pardo; Charles G. Eberhart)
99 (Smits 67,140)
100 (Robert O. Becker, M.D. and Gary Seldon) p182
101 (Lipton)
every intention of researchers to prove the genetic link. Probably the best summary of the possibility of a genetic etiology is stated on the The Developmental Delays Resources website: “Bottom line: Genetics loads the gun, and Environmental factors pull the trigger. It takes an environmental insult to "turn on" a gene.”

**Mitochondrial Dysfunction –**

Mitochondria are the energy power plants of the cells. They conduct the body’s aerobic respiration via their own set of genetic instructions, mitochondrial DNA (mtDNA). Deficiencies or dysfunction in the body’s power source is a fairly recent etiology presented by researchers into the cause of autism. Researchers from the University of California - Davis Health System propose, “that deficiencies in the ability to fuel brain neurons might lead to some of to the cognitive impairments associated with autism.” Guilivi et al conclude that their “results suggest that cumulative damage and oxidative stress over time may (through reduced capacity to generate functional mitochondria) influence the onset or severity of autism and its comorbid symptoms.”

Mitochondria dysfunction as an etiology for autism is fairly recent. The number of individuals that have been observed is extremely small, but the research indicates that the contribution of oxidative stress to autism is significant.

**Brain Inflammation –**

Inflammation is an established etiology of modern diseases such as Alzheimer’s, cancer, and coronary artery disease (CAD). It is also

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102 (DDR)
103 (UCDHS)
104 (Giulivi Cecilia; Zhang yi-Fan; Omanshka-Klusek Alicja; et al.)
105 (Aklyyama H; Baaarger s; Barnum s; et al.)
106 (Coussens, LM and Werb, Z.)
107 (Azambula)
associated with other disorders such as arthritis, atherosclerosis, Crohn’s disease, dermatitis, diverticulitis, hepatitis, irritable bowel syndrome (IBS), lupus erythematous, nephritis, Parkinson’s, and ulcerative colitis. Since inflammation has been established in the case of Alzheimer’s and as contributory in Parkinson’s, (two neurologically based diseases), brain inflammation has been proposed as a possible etiology for autism.

Inflammation is a biochemical process that the body’s employs in a protective attempt to remove harmful substances like pathogens, irritants, or damaged cells. The inflammatory process is a nonspecific defensive response involving blood vessel dilation and increased permeability and the movement of an entire “soup” of chemicals used to initiate healing and provide building blocks for healing. An acute inflammation of the brain is called encephalitis. Fever, drowsiness, fatigue and convulsions are potential symptoms. Chronic inflammation of the brain, termed Rasmussens’ encephalitis can lead to atrophy and epilepsy. Several viruses and allergic reactions to vaccinations are capable of causing encephalitis. In fact, encephalitis was included as one of the vaccine injuries to be compensated for under the 1986 National Childhood Vaccine Injury Act.

For years scientists have only concerned themselves with the 10% of the brain they felt provided functioning to the body and viewed the remaining 90% of brain tissue as mere packing material. Insight into the nature of that “packing material” is critical for understanding the neurological disruptions that take place in an autistic individual. According to the research of Robert O. Becker, perineural cells play major roles in getting nutrients to the neurons, ion diffusion,

\[\text{\textsuperscript{108} (List of Inflammatory Diseases)}\]  
\[\text{\textsuperscript{109} (Marieb, Elaine N. and Hoehn, Katja)}\]  
\[\text{\textsuperscript{110} (Buttram)}\]  
\[\text{\textsuperscript{111} (HRSA)}\]
memory, regeneration and nerve tissue healing.\textsuperscript{112} According to Byron Richards, “Glial cells run your brain and your neurotransmitters. They are the brokers of all information coming into your brain – with direct links to your immune system and endocrine system (hormones). Glial cells are the inflammation brokers in your brain. When stress, a toxin pollutant, or a destructive food additive (like MSG, aspartame, or food coloring) enter your brain they induce excitotoxic reactions that inflame brain cells. This inflammation is buffered primarily by the hormone leptin and other antioxidants, a process that intimately involves the healthy function of glial cells.”\textsuperscript{113} The vital work of glial cells can be disrupted by inflammation contributing to the symptoms accumulatively called ASD.

In Pardo and Eberhart’s study of the neurobiology of autism they made note of altered brain growth indicated by sudden and excessive increases of head size between 1-2 months and 6-14 months.\textsuperscript{114} This is noteworthy, because these timeframes correlate closely to the immunization schedules for infants. A number of studies have been done that show brain inflammation, brain swelling, and even brain hemorrhages following vaccinations.\textsuperscript{115} 116 117 Pardo and Eberhart also state that, “Neuropathological studies of postmortem brain tissues from autistic patients demonstrate an active and ongoing neuroinflammatory process in the cerebral cortex and white matter characterized by astroglial and neuroglial activation. These findings support a role for neuroimmune responses in the pathogenesis of ASD.”\textsuperscript{118} Hence, inflammation of the glia can produce the kind of neuronal dysfunction that is observed in autism.

\textsuperscript{112} (Robert O. Becker, M.D. and Gary Seldon 205-206)
\textsuperscript{113} (Richards)
\textsuperscript{114} (Calos A. Pardo; Charles G. Eberhart)
\textsuperscript{115} (Iwasa S; Ishida s; Akama K.)
\textsuperscript{116} (Mathur R)
\textsuperscript{117} (Massroor Pourcyrous, MD; Sheldon B. Korones, MD;Kristopher L. Arheart, PhD;Henrietta S. Bada, MD)
\textsuperscript{106} (Calos A. Pardo; Charles G. Eberhart)
Since inflammation is buffered by antioxidants researchers also propose oxidative stress as a potential cause of the neurological damages noted in autistic brains. They noted, "In one report the alterations in antioxidant proteins were linked specifically to regressive autism, suggesting a postnatal environmental effect." Another team of researchers showed that there were significant abnormalities in the biomarkers of oxidative stress among their ASD study participants. A reduction of one such oxidative stress biomarker, GSH (glutathione), was especially alarming because GSH is essential for the body’s detoxification processes. Bile is the main route of elimination for many heavy metals. The heavy metal ions disrupt the methionine synthetase, which then, results in the inhibition of GSH production. If GSH is inhibited, then heavy metal secretion completely stops. In summary, Geier et al state, “The presence of heavy metals, e.g., mercury, can disrupt the very processes needed to excrete the metals.” In essence, in the presence of heavy metals oxidative stress becomes a self-perpetuating state.

This ongoing state of oxidative stress can be extremely serious in the brain, which consists of nearly 60 percent lipids. Of those lipids the omega-3 polynsaturated fatty acid, docosahexaenoic acid (DHA) and arachidonic acid (ARA) are very vulnerable to pro-inflammatory peroxidation. The brain has a very high oxygen demand and limited anti-oxidant capacity, so when the levels of reactive oxygen species exceed the antioxidant capacities of a cell, cell death can result. Prolonged lipid peroxidation may result in abnormal brain inflammation with secondary brain edema. Brain inflammation becomes chronic when the capacity of glial cells to buffer oxidizing and inflammatory agents gets overloaded. In adults this is the mechanism behind accelerated brain aging that can lead to cognitive decline and diseases like Alzheimer’s.

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107 (Calos A. Pardo; Charles G. Eberhart)
120 (David A. Geier; Janet K. Kern; and Mark A. Geir)
121 (Buttram)
Chronic low grade brain inflammations ultimately catch on fire creating a “power outage” in the brain. Spreading depression can be observed in adults. However, in a developing fetus and a small child the nervous system is still evolving. The first three months of a child’s life are even referred to as the “fourth trimester.”122 If the brain cells “catch on fire” during this time of rapid evolution and growth the proper development of the child’s CNS can be seriously disturbed resulting in ASD, ADHD, lower IQ, etc.

The Pourcyrous study clearly documented a significant association between vaccinations and brain inflammation.125 Prolonged brain inflammation is damaging to the glial cells in the brain and damage to those cells results can lead to ASD. Both Buttram and Richards propose vaccine adjuvants as the link connecting vaccines and brain inflammation.126 127 The purpose of an adjuvant is to produce prolonged immune stimulation. The very nature of prolonged immune stimulation combined with the intrinsic toxic nature of the adjuvants themselves can be devastating in the developing brain of a child. Then add the sheer number and cumulative totals toxic compounds in the vaccines that a small child is given and the recipe for oxidative stress causing brain inflammation resulting in brain damage is complete.

“Total Load” –

“Total Load” is the etiology that the combined total load of stressors causes autism.128 Since WWII there has been a major change in society. Crops are grown with chemical fertilizers that only provide a fraction of the minerals that naturally fertilized soil contains leaving the food produced mineral deficient.

122 (Richards)
123 (Karp)
124 (Richards)
125 (Pourcyrous M, Korones SB, Kristopher LA, Bada HS)
126 (Richards)
127 (Buttram)
128 (Lemer)
Plants weakened by the lack of nutrients require more pesticides which then enter our food supply and our bodies. This mineral deficient food is further processed to remove naturally occurring enzymes and vitamins and then fortified with a few synthetic vitamins to make up for the lack of nutrition. In an effort to conserve energy, electric power is pulsed in power lines which allows for leakage of electricity called EMF. We have microwaves, cellphones, WiFi, satellite TV all which bombard the human body with electro motive frequencies that were unknown a hundred years ago. We eat food that has trans-fats that are only one carbon atom away from being plastic. Food additives and flavor enhancers like MSG overexcite cells to the point of serious neurological damage. Our public water supplies are fluoridated with amounts of fluoride that have been shown to harm the thyroid gland. Food labeling exemptions allow foods that have been irradiated and fumigated with pesticides to be sold unlabeled to an unsuspecting public. Then on top of all these toxins, we inject newborn infants who do not have fully developed immune systems nor have complete blood brain barriers, with vaccines containing pathogens, heavy metals (aluminum and mercury are both known neurotoxins), monosodium glutamate (MSG – a neurological excitotoxin), formaldehyde (a known carcinogen), nonhuman DNA fragments, etc. These toxic substances can enter a child’s Central Nervous System and cause problems not seen in adults. Dr. Gregory Ellis expands the total load concept, which weakens a child and results in autism, to include the result of multiple assaults in the bio-

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129 (Shahan)  
130 (Tel-Oren)  
131 (Tennant 154)  
132 (Totheroh)  
133 (Tennant 177-206)  
134 (Adams)  
135 (Marieb, Elaine N. and Hoehn, Katja)  
136 (Blaylock)  
137 (OSHA)  
138 (CDC, Ingredients of Vaccines - Fact Sheet)  
139 (Marieb, Elaine N. and Hoehn, Katja 467)
electromagnetic, physical, mental, emotional, and spiritual planes of the human form.\textsuperscript{140}

**Toxic Imprints -**

An etiology proposed by the vital energy camp is the concept of “Imprint.” Dr. Tinus Smits states, “Autism is not a permanent physical disease but an energetic disease.” Environmental insults and toxins disrupt the energetic functioning of a child and leave behind disturbed energetic imprints. Parents transfer their disrupted energetic imprints to their unborn child as well. Oxidative stress caused by free radicals of oxygen in the brain can disrupt all kinds of processes sending part or all of the brain into hyperactivation (energetic overload). Smits gives the following explanation, “To understand how detoxification works, we have to consider that diseases are not only caused by substances like bacteria, viruses, fungi, toxic matters, etc., as is the main belief in conventional medicine, but that every substance can also cause an imprint in the energetic field of a person. These imprints are not only from direct damage to the person, e.g. by vaccination, a disease (influenza, mononucleosis, etc.), emotional trauma (death of a child, divorce, etc.), but can also be transmitted from the parent to the unborn child.”\textsuperscript{141}

In Dr. Bruce Lipton’s book, “The Biology of Belief,” he explains that a process of genomic imprinting takes place in the parents of a child in the months before conception. The parents effectively act as genetic engineers with their awareness and intention. Through their mental and vital body processes they adjust their energies, which, in turn, adjust the activity of specific groups of genes in the maturing sperm and ovum. That genomic imprinting then shapes the

\textsuperscript{140} (Ellis)

\textsuperscript{141} (Smits 59)
character of the child yet to be conceived.\textsuperscript{142} In Lipton’s explanation, the energetic imprinting can be either good or bad, but regardless, the energetic patterns of the parents are transferred to their unborn child. Smits' work has shown that toxic imprints of a drug or vaccine that a parent took prior to conception can cause autism in their child. His “proof” is that when the child is administered a homeopathic remedy for the substance that the parent took, NOT the child, the ASD symptoms dramatically decrease.\textsuperscript{143}

In Dr. Larry Lytle’s Theory of Autism he makes a point that even if a physical method of removing heavy metals like chelation or detoxification shows that the toxins have been removed, the sensitizing imprint of heavy metals remains.\textsuperscript{144} What this means is that the body’s energy system still has an “imprint” of the toxin and is continuing to conduct its activities as if the physical toxin were still present.

\begin{footnotesize}
\begin{enumerate}
\item\textsuperscript{142} (Lipton 172)
\item\textsuperscript{143} (Smits)
\item\textsuperscript{144} (L. D. Lytle)
\end{enumerate}
\end{footnotesize}
Treatment Options

Allopathic –

Allopathic options generally include pharmaceutical drugs. Psychotropic drugs are prescribed to relieve the symptoms of attention span issues, reduce anger and frustration levels, and mitigate obsessive compulsive behaviors. Courses of antibiotic treatments are prescribed for pathogens that are frequently seen in these children. Negative side-effects of these are generally dismissed. As one of my son’s physicians told me, “If he can function better at school, you’ll just have to put up with the side-effects.” The negative side-effect from these treatments can include facial tics, involuntary muscle movements, Zombie-like behaviors, excessive salivating, violent mood swings, diarrhea, vomiting, headaches, infections that no longer responded to treatment, and stunted growth. And these are just a few of the negative side-effects I personally observed with our son.

Costs for pharmaceuticals have escalated exponentially since we started nearly 30 years ago treating our son. Many of the psychotropic drugs now run from a few cents to dollars per pill. Any given child can be taking two or more drugs at a time. At the peak our son was taking five different drugs three times a day. A couple of the drugs were to prevent negative side-effects from the other drugs. Whether or not the prescription drugs are covered by insurance makes a significant impact on out-of-pocket expenses. For many years our son’s autism diagnosis was not considered as a covered condition.

Biological –

Biological attempts include protocols to remove heavy metal toxins, reduce allergic reactions with special diets like the gluten and casein-free diets, improve vitamin and mineral balances, and reduce candida overgrowth.
**Defeat Autism Now (DAN!)**

One popular biological approach to autism is **Defeat Autism Now (DAN!)**, a project developed by the Autism Research Institute, under the direction of its founder Dr. Bernard Rimland. The DAN! Protocol starts with the assumption that autism is a biomedical disorder that results from a combination of lowered immune response, external toxins from vaccines and other sources, and problems caused by certain foods.

Some of the major interventions suggested by DAN! Practitioners include:

- Nutritional supplements, including certain vitamins, minerals, amino acids, and essential fatty acids, and methyl B-12 injections
- Special diets totally free of gluten (from wheat, barley, rye, and possibly oats) and free of dairy (milk, ice cream, yogurt, etc.)
- Testing for hidden food allergies, and avoidance of allergenic foods
- Treatment of intestinal bacterial/yeast overgrowth (with probiotics, supplements and other non-pharmaceutical medications)
- Detoxification of heavy metals through chelation (a potentially hazardous medical procedure)\(^{145}\)
- Hyperbaric Oxygen Therapy (HBOT)\(^{146}\)

Costs for following the DAN! Protocol varies by practitioners and their specialties. In Dr. Paul G. Harch’s May 6, 2004 testimony to Congress he placed the cost of treating an autistic child with HBOT and chelation at $20,000. For that

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\(^{145}\) (Rudy)  
\(^{146}\) (Harch)
expenditure he expected fully functioning individuals after the completion of these therapies.147

**Gut and Psychology Syndrome (GAPS)**

Another biological approach that is recently growing in popularity is the **GAPS Program**. Dr. Natasha Campbell-McBride developed the GAPS (Gut and Psychology Syndrome) Program in order to heal her own son from autism. In the last 20 years she has used GAPS as a successful natural treatment for autism, ADHD, dyslexia, dyspraxia, depression and schizophrenia. As the name implies GAPS establishes a connection between the digestive system and the brain. She found that the GAPS treatment needs to start by age 2 up to age 5 in order to give children on the ASD (Autism Spectrum Disorder) a chance to recover completely. The younger they start with a child, the better the results. The longer a child remains in the autistic state the more difficult it is to pull them out of it and the less impressive are the results.148

The GAPS protocol consists of three elements: 1) Diet 2) Supplementation and 3) Detoxification and Life-style Changes.

1) **Diet:** The diet is a modification of the Specific Carbohydrate Diet (SCD). Since GAPS is based on the theory that autism is a result of abnormal gut flora creating toxins that ultimately damage the brain, the diet is designed to provide very dense nutrition that is easy to digest. Non-processed, fresh foods are the hallmark of this diet. The goal is to reestablish normal gut flora and heal the damaged gut lining so their gut becomes a source of nourishment versus a source of toxicity. As the gut heals and the flora returns to normal so does the variety of foods that the individual can eat. The intention is that a healthy eating pattern will be established so that at

147 (Harch)
148 (D. N. Campbell-McBride)
the end of the GAPS diet the individual will be able to maintain the progress they have made.\textsuperscript{149}

2) Supplementation: A few well-chosen supplements that Dr. Campbell-McBride refers to as foods.

   1) An effective therapeutic strength probiotic
   2) Essential Fatty Acids
   3) Vitamin A
   4) Digestive enzymes
   5) Vitamin and mineral supplements.\textsuperscript{150}
   6) Vitamin D – in the form of sunshine when possible \textsuperscript{151}

3) Detoxification and Life-style changes: Due to the toxic overload from the gut the detoxification systems of GAPS individuals is usually backed up and overloaded. Toxins have no option but to accumulate in the system. Dr. Campbell-McBride recommends juicing as a gentle way to remove toxins and baths with baths with Epson salt, sea salt, seaweed powder, cider vinegar, and bicarbonate of soda. The fermented foods and probiotics recommended in items 1) and 2) are also detoxifying.

The entire program is a life-style change. Soft drinks, sugars, man-made fats, and fast foods have no place in a successful GAPS protocol. Even grains are replaced with ground nuts. Dr. Campbell-McBride recommends learning to make fermented foods at home like sauerkraut and yogurt and kefir as most store bought varieties lose their effectiveness by the time they make it home.\textsuperscript{152}

\textsuperscript{149}(D. N. Campbell-McBride)
\textsuperscript{150}(Simplified GAPS Outline)
\textsuperscript{151}(D. N. Campbell-McBride)
\textsuperscript{152}(D. N. Campbell-McBride)
The GAPS program requires office visits and a few hundred dollars in noninvasive tests to identify the abnormal gut flora and status of the immune system about twice a year. The supplementation requirements are fairly modest, so the major expense in the GAPS protocol is the diet, which is handled at home by the parents. Dr. Natasha Campbell-McBride’s book, *Gut and Psychology Syndrome*, is a good resource for do-it-yourselfers.

**Educational/Training –**

Educators and psychologists have developed programs to educate and train autistic individuals. Two popular programs are Applied Behavioral Analysis (ABA) programs and the Son-Rise Program®. These training programs can greatly reduce stereotypical behaviors and improve socially acceptable behaviors.

*Applied Behavior Analysis (ABA)*

ABA is an educational/behavior treatment program that has been developed over 30 years with many programs drawing on the research of Dr. O. Ivar Lovaas, from the Psychology Department at UCLA. In 1987, Lovaas published a study showing that nine of the 19 preschoolers involved in intensive behavioral intervention -- 40 hours per week of one-on-one therapy -- achieved "normal functioning" by first grade.

Applied Behavior Analysis, or ABA, is a method of teaching children with ASD based on the premise that appropriate behavior – including speech, academics and life skills – can be taught. Key components in most ABA programs include:

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153 (D. N. Campbell-McBride)
154 (N. M. Campbell-McBride)
155 (Autism Teaching Methods: Applied Behavior Analysis and Verbal Behavior)
• **Reinforce desired behaviors by providing rewards** for on-task behaviors and social interactions.

• **Teach new skills using repetition and prompts** - Breaking skills down into the smallest tasks and teaching each task individually. Separate trials are used to teach eye contact, imitation, fine motor skills, self-help, academics, language and conversation. Students start with learning small skills, and gradually learn more complicated skills as each smaller one is mastered. Learning exercises may be designed to be “errorless learning” or include aversives such as being told “no”. At an extreme end, restraint techniques might be used.

• **Maintain desired behaviors** - teaching self-control and self-monitoring procedures to maintain and generalize job-related social skills

• **Teach generalization** and how to transfer behavior from one situation or response to another

• **Restrict or narrow conditions/environment** under which interfering behaviors occur.

• **Reduce interfering behaviors** such as self-injury and stereotypical behaviors.\(^{156} \) \(^{157} \)

ABA treatment can be expensive. The Healing Thresholds website places the cost at $5000 to $50,000 per year. The costs vary based on whether the therapist is a student or a professional, whether the therapy is done in the home or a special treatment center, and the number of hours of therapy that the child receives per week.\(^{158} \)

\(^{156} \) (What is ABA)
\(^{157} \) (Autism Teaching Methods: Applied Behavior Analysis and Verbal Behavior)
\(^{158} \) (Applied Behavior Analysis for Children with Autism; American Psychiatric Association)
The Son-Rise Program® - was created by authors/teachers Barry ("Bears") Neil Kaufman and Samahria Lyte Kaufman to help their son, Raun, who was diagnosed as severely and incurably autistic. Son-Rise is an educational treatment modality which focuses on joining children instead of going against them. Following are the main concepts of this educational treatment program.

- **Belief that the child's potential is limitless**: Hence, the program works to keep hope alive by not providing a prognosis.

- **Belief that autism is a relational, interactional disorder where children have difficulty relating and connecting to those around them**: Thus, Son-Rise uses dynamic, enthusiastic, play-oriented methods that focus extensively on socialization and rapport building.

- **Focuses on each child's unique motivations and uses those motivations to teach children the skills they need to learn**: The goal is that a longer attention span and increased retention and generalization of skills will result from increasing the child's willing participation.

- **Believes that a child's "stimming" behaviors have important meaning and value**: Participating with a child in "stimming" behaviors facilitates eye contact, social development and inclusion of others in play. Their training method trains parents and providers to join, rather than stop, a child's repetitive, exclusive and ritualistic behaviors.

- **Believes that the parent is the child's best resource**: They seek to empower parents by providing parents with attitudinal training, listening to what they have to say, and providing them with skills training needed to help their child. The goal is for parents to be confident directors and teachers for their own child's program.

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159 [History of the Son-Rise Program]
• **Focuses on the child’s environment:** An optimal learning environment eliminates distractions and facilitates interactions.

• **Can be combined effectively with other complimentary therapies:** such as biomedical interventions, sensory integration therapy, dietary changes (gluten/casein-free), Auditory Integration therapy and others.\(^{160}\)

A five-day training program that delivers comprehensive instruction in the core fundamentals of The Son-Rise Program® costs $1,995 at the Autism Treatment Center in Sheffield, MA plus transportation and lodging.\(^{161}\) Parents need to then either pay for staff or procure volunteers to help them apply the program in their home. While the program is individual, estimating 20 to 40 hours per week at $10 - $15/hr the program would run $10,000 to $30,000 per year.

**Homeopathy -**

Homeopathy as a treatment for autism is an alternative that has been getting more and more exposure with a host of new books. In *Impossible Cure* author, Amy Lansky, tells how she used classical homeopathy to cure her son of autism.\(^{162}\) Tinus Smits’s book *Autism Beyond Despair* describes the amazing improvements that clients in his clinic have been achieving with a special form of homeopathy called “isotherapy.”\(^{163}\) Greg Ellis explains in *Autism Body-Brain Connection* how using homeopathy to stimulate a defensive reaction within the host organism has enabled him to help 33% of his over 1000 clients with autism improve quickly and another 33% to improve over a period of several years. The

\(^{160}\) (Autism Treatment & The Son-Rise Program)

\(^{161}\) (The Son-Rise Program)

\(^{162}\) (Lansky)

\(^{163}\) (Smits)
remaining third ceased therapy, so the jury is still out on whether or not they would have been helped given more time. ¹⁶⁴

As explained earlier in this paper, homeopathy is a vital energy technique. The premise behind successful homeopathic treatment is that injuries to healthy brain function have not caused permanent damage to the brain tissue, but rather energetic blockages and/or disruptions that makes normal brain performance impossible.  Homeopathy, works to removes the energetic disturbances (imprints) that cause the malfunctioning of the entire body through energetic detoxification. ¹⁶⁵

Homeopathy is extremely individual so there is no one protocol that fits all. Each individual’s unique presentation and history are considered. In Amy Lansky’s book she explains that classical homeopathy considers all presentations and any unique features of that presentation with the hope of finding that particular individual’s personalized remedy. The more perfectly matched the remedy is to the individuals situation, the quicker and more complete will be the cure. In an absolute perfect match one dose might be all it takes. However, finding the perfect match the first time is rare so most classical homeopathic courses of treatment have to be changed and adjusted. As more observations become available and as reactions to remedies that are tried filter into the mix, the homeopath can research to find the best match. ¹⁶⁶

Through years of experience with autistic children, Tinus Smits has found isotherapy to be the most effective form of treatment. Isotherapy attempts to determine specific toxins to which the child and his parents were exposed, and then, uses a homeopathic version of the same or nearly same toxin correct the toxic imprint. How severe and how long the exposure was to the toxin will

¹⁶⁴ (Ellis)
¹⁶⁵ (Smits)
¹⁶⁶ (Lansky)
determine if and how severe the reaction will be to a particular potency. Smits usually starts with the most obvious culprit given at several different potencies. A remedy at a particular potency is continued until the body has no further reaction. A reaction to a remedy is considered a sign that the offending substance has been found and is being detoxified. For example, a runny nose is considered a sign that the brain is detoxifying. Eczema is a typical sign that healing is occurring from the inside out. Reactions are good signs and should not be suppressed. When the body is allowed to detoxify the offending substance, the child generally makes significant developmental improvements and experiences a reduction in their ASD symptoms. Smits generally has his clients supplement with the water-soluble and fat soluble forms of vitamin C, zinc, magnesium and fatty acids while undergoing homeopathic treatment.\(^{167}\)

Greg Ellis has used a combination of homeopathic remedies and sequences in his successful treatment of autistic individuals. He uses a combination of homeopathic approaches. As with every case his work is highly individualized and unique to each client.\(^{168}\) Every reaction is a clue that leads the homeopath closer to unraveling and correcting the energetic imprint damage that results in autism.

A fortunate few individuals respond quickly and achieve their goals in six months to a year. Others can take a number of years to achieve the “cure” they are looking for. But, considering that autism is generally considered a lifelong disability, what are a few years of homeopathic treatment in the scope of a lifetime?

Costs of homeopathy vary from practitioner to practitioner, but our personal experience with ongoing homeopath supervision and products runs about $300 - $400/ month.

\(^{167}\) (Smits)  
\(^{168}\) (Ellis)
Quantum Energy Modalities –

Treatment for autism with quantum energy modalities is nowhere on the radar screen of mainstream treatment options, but alternative practitioners have been using a variety of these modalities with success. Homeopathy actually falls into this category of treatment options, but since it is an established field by itself I have separated it out. Quantum energy modalities include various forms of technology that uses subtle forms of energy to correct energetic imbalances. It also includes various forms of modalities where the only tool is the practitioner’s hands such as BodyTalk\textsuperscript{169}, Emotional Freedom Technique (EFT)\textsuperscript{170}, Reiki\textsuperscript{171}, and the technique presented in *The Healing Code*\textsuperscript{172}. Since the body is an energy being with specific energy centers and pathways, a practitioner uses their own appropriately directed body energy to correct a client’s energy imbalance with these techniques.

Due to miniaturization and advancements in technology various devices can be programmed with specific frequencies of energy that exactly match body frequencies allowing the amplitude to be increased. Frequencies can also be set exactly out of phase and effectively cancel an undesirable frequency. Frequencies can match the earth’s natural pulse to negate negative effects of EMF. Some of the energy technology available are SCENAR, low level laser, Vital Energy, Earth Pulse\textsuperscript{TM}, homeopathic imprinters, and Auditory Integration Training.

SCENAR was developed in the late 1970s for the Russian space program to overcome the unique problems of space travel encountered by doctors and scientists.\textsuperscript{173} It was designed to be a cosmonaut’s first aid kit. Russian scientist,

\textsuperscript{169} (BodyTalk Principles)
\textsuperscript{170} (Robins)
\textsuperscript{171} (What is Reiki?)
\textsuperscript{172} (Loyd, Alexander PhD, ND; Johnson, Ben MD, DO, NMD)
\textsuperscript{173} (Balance Your Body with Myotherapy)
Alexander Karasev, has since developed a series of SCENAR and Cosmodic devices that use electrical impulses to communicate with the nervous system through an incredibly complicated electrical biofeedback process. With these devices the diversity of their biofeedback signals allows both Central Nervous System and local regenerative abilities to move into restorative function.\textsuperscript{174} By alerting the body of energy disruptions and stimulating electrical communication in the nervous system the body is able to make its own healing peptides. Through the finely tuned electrical impulses and biofeedback the body’s own general adaptation response is effectively given a jump start. Thus, SCENAR-type devices facilitate healing without negative side-effects.

Dr. Jerry Tennent developed a device similar to a SCENAR device called a BioModulator\textsuperscript{TM}. He added the feature of ohm readings which allows to user to determine areas of low voltage. Low voltage is indicative of low cellular energy. Just as a car ceases to runs when its car battery has died or is barely holding a charge, when a cell cannot hold an electric charge, its voltage drops and the cell ceases to function properly.\textsuperscript{175} Locating areas of low voltage and adding electrons into the area to increase voltage effectively jump starts the cells and allows the body’s general adaptation response to resume its work.

Low level lasers or “cold” lasers have been researched extensively and shown extremely effective in reducing inflammation and facilitating healing without any negative side-effects. Low Level Laser Therapy (LLLT) energizes the cell wall to allow more effective osmosis. It reenergizes cell membranes so that food nutrients can transfer through cellular membranes to nourish cells. Specific frequencies of LLL light stimulate metabolic processes in the human body at the cellular level. Popp’s work showed that DNA emits light and, in turn,

\begin{flushleft}
\textsuperscript{174} (TENS, SCENAR, and Cosmodic) \\
\textsuperscript{175} (Tennent)
\end{flushleft}
that special frequencies of light can help repair DNA.\textsuperscript{176} As Dr. Larry Lytle states, “In other words, light can stimulate healing.”\textsuperscript{177}

Dr. Larry Lytle developed the Q laser series of low level lasers based on a (patent pending) process that produces controlled solitron waves. According to James Oschman, “A solitron can trap an electric charge and carry it along. Once the solitron is formed, this charge transfer does not require further input of energy.”\textsuperscript{178} Solitrons continue undistorted through objects such as fiber optics, water, air, and the human body. Lytle further explains that solitrons can travel the equivalent of 4500 times around the world without any loss of information and that it is believed that solitron waves also possess magnetic properties.\textsuperscript{179}

In low level lasers laser diodes are regulated by microprocessors to produce controlled solitrons. The solitron waves in Dr. Lytle’s Q laser series enables the energy to penetrate deeply into the body without changing or losing its wave form or the information it carries. The laser light can carry electrons throughout the body to restore damaged cells.\textsuperscript{180} As with the SCENAR and the Tennent BioTransducer, when energy has been restored, osmosis can once again occur, allowing nutrients to enter, waste products to leave, and normal cellular processing to resume.

Subtle energy products like Dr. Yuri Kronn’s Vital Energy pendants and formulas\textsuperscript{181} work similar to homeopathic remedies balancing and enhancing the body’s energy system with very subtle nudges toward health.

\textsuperscript{176} (L. Lytle)  
\textsuperscript{177} (L. Lytle 31)  
\textsuperscript{178} (L. Lytle 33)  
\textsuperscript{179} (L. Lytle)  
\textsuperscript{180} (L. Lytle)  
\textsuperscript{181} (Tran)
EarthPulse™ delivers an earth frequency which can help reset the body to match its natural frequencies and help the body recover from the constant barrage of EMF from electrical power lines, Wi-Fi, satellite signals, microwave communication and cooking technology, etc.¹⁸²

Auditory Integration Training (AIT) modifies sound wave frequencies to target diverse disorders such as auditory processing problems, dyslexia, learning disabilities, ADD, autism, as well as sensory integration and motor-skill difficulties. Originally pioneered by Dr. Alfred Tomatis (1920–2001), AIT was developed into its current form by his successor, Dr. Guy Berard, an Ear, Nose and Throat (ENT) specialist. Berard believed that behavioral and cognitive problems often arose when an individual perceived certain frequencies far more acutely than other frequencies. For example, background noise might overwhelm the listener or make it distinguishable from speech frequencies. Certain frequencies can be so distorted that simple everyday sounds like a phone ringing can be perceived as piercing and painful. These auditory distortions can lead to difficulties in comprehension, behavior, social interaction, speech and language development and learning. “Berard’s objective was to reduce “distorted” hearing and hypersensitivity of specific frequencies, so that after Auditory Integration Training (AIT), ideally all frequencies could be perceived equally well. The individual would then be able to perceive environmental sounds, including speech, in a normal fashion.”¹⁸³

AIT sessions use intensive non-invasive auditory stimulation to the hearing mechanism, in an effort to produce more normal hearing following treatment. The individual wears headphones and listens to music with various frequencies modified based on the individual’s particular audiogram. Reported improvements to AIT include increased attention to auditory input, improved

¹⁸² (EarthPulse Biomagnetic supplementation)
¹⁸³ (Auditory Integration Training (AIT) for Hearing, Autism, ADHD, ADD, Dyslexia and other special needs)
social behavior, increased interest in communication, better eye contact, improved articulation, improved auditory comprehension, overall improvement in academic skills, and reductions in sensitivity to sound, impulsivity, aggressive behavior, echolalia, distractibility and temper tantrums.

Most of the products are available for personal purchase. Some products require training and certification. The hands on techniques can require attending seminars, watching instructional videos, or reading a self-help book. Auditory Integration Therapy usually requires 20 sessions at 2 per day for 10 days.

Price-wise these modalities are all over the place. Energy products can cost from under $20 to more than $25,000. Practitioner fees also vary depending on the modality they use, where they are located and how long you require their services.

**Quantum Medicine Approach to Autism –**

Now that we have established the main concepts of Quantum Medicine and What is autism? - Its etiologies and treatments, let’s put the two together.

The current etiologies and treatment options in autism are segmented - much like blind men describing a cow. The one touching the cow’s nose describes the cow as warm, moist, with a slightly flexible structure. The one touching the cow’s shoulder would highly disagree because his part of the cow is covered in fur, with a boney muscular structure. Then the one feeling the cow’s udder would disagree even more. There is no firm structure at all. The cow is squishy and moist only when parts of the udder are manipulated. They can argue all day, because each one of them is absolutely correct. They cannot come to a consensus until they not only “see” the cow from the other person’s perspective, but in combination with the others’ views. As long as an individual
with autism is only seen through the eyes of Newtonian physics there will probably be no consensus in the field of autism either.

From the Quantum Medicine viewpoint all the etiologies fit. Gut and digestive abnormalities as a result of abnormal gut flora fit perfectly with the Elimination and Assimilation parts of a Quantum Medicine’s Five Pillars. Without proper gut flora the body cannot assimilate the nutrients it needs, nor fully eliminate its waste products. The next pillar of Immunity is directly related to abnormal gut flora as the bulk of the immune system resides in the gut. The DAN! Protocol addresses pathogens, and yeast overgrowth that over tax the immune system. Immunity and oxidation are also affected by heavy metals that interfere with absorption of vital minerals and vitamins and raise oxidative stress in the body. The DAN! Protocol attempts to address the heavy metal toxicity with chelation in the physical body, while Homeopathy works on a vital body level to stimulate drainage. Brain inflammation resulting from oxidative damage to brain tissue is Pillar number 4. Protocols calling for anti-oxidant supplements are an attempt to reduce oxidation. Homeopathic remedies work to balance energy imprints that cause oxidative stress and assist in homeopathic drainage of the damaging energies. Mitochondrial dysfunction will inhibit proper regeneration as will damage done to the DNA and genes. The “Total Load” concept simply refers to cumulative damage that, in turn, affects each one of the Five Pillars.

Dr. Campbell-McBride stated that her therapy works if children start her GAPS protocol before age 5, the closer to age 2 the better the results. By age 5 the window of opportunity seems to close. This makes perfect sense in light of Homotoxicology and the General Adaption Response. The stronger the stressor and the longer the exposure, the deeper the disruption goes into the body. Elimination is the body’s first line of defense when the normal pee it out,

\[184\] (D. N. Campbell-McBride)
poo it out, breathe it out or sweat it out mechanisms are inadequate for eliminating toxins. If the child’s runny noses, skin eruptions, and fevers are not suppressed and the abnormal gut flora is corrected with proper diet and probiotics, the body’s natural defense systems will work to correct the problems before they go deeper into the interstitial fluid or cross cell membranes into the cells themselves. The longer the stressors are allowed to remain in the body, the deeper they will go into the tissues and cells and the less likely that a physical treatment protocol will produce the desired results.

Understanding the nature of the Alarm-Adaptation-Exhaustion responses also explains how some children are seriously damaged or even killed by infant vaccinations. The Alarm response can kill the individual if the stressor is too strong for the body’s general adaption response. The Pourcyrous study documented potentially lethal vaccine-associated cardio-respiratory events with episodes of apnea (cessation of breathing) and/or bradycardia (abnormal slowing of the pulse) and brain hemorrhages.\textsuperscript{185} The children in their study were in a neonatal ward and received emergency care, but many infants who have similar reactions to vaccinations are at home with their parents when these severe Alarm reactions take place. Death from cardio-respiratory events is generally attributed to SIDS (Sudden Infant Death Syndrome). The sudden brain hemorrhages are often attributed to Shaken Baby Syndrome/Non-Accidental Injury (SBS/NAI) in hospital emergencies rooms further traumatizing the grieving parents.\textsuperscript{186}

If the child survives the Alarm reaction, with the brain only suffering inflammation and not hemorrhage, the inflammation will put the brain in a state of oxidative stress. The addition of pathogenic material, toxic heavy metals and other foreign substances as well as the adjuvant whose purpose is to inflame

\textsuperscript{185} (Pourcyrous M, Korones SB, Kristopher LA, Bada HS)
\textsuperscript{186} (Buttram)
the body, will trigger more oxidative damage, overwhelm the immune system and damage the gut flora. This scenario will place a child in the Adaptation phase of the immune response. The child’s immune system has to continue to fight off these toxic stressors through elimination and inflammation responses. Tragically, if these general adaptation responses are systematically shut down with antibiotics, NSAIDS, and creams, the body is left with no option but to push the toxins deeper into the body, first into the interstitial fluid, and then across the cell membrane into the cell. The gut flora gets even more toxic as a result of the antibiotics and other drugs destroying whatever good flora exists. This further shuts down the immune system and places a child where their Immune reaction has to learn to co-exist with the toxins.

Co-existence with the toxins requires the body to remain in a high state of alert and energy consumption. Dr. Campbell-McBride refers to the toxic material circulating in the child’s blood stream as turning the child’s brain into a toxic soup where normal development is not able to proceed.\textsuperscript{187} I believe that the brain is forced into survival mode when it encounters so many toxic substances. The fight or flight centers of the brain are highly active, forcing non-life threatening functions to take second place to the body’s fight for survival. If you or I were fleeing for our lives in fight or flight mode, we would not take the time to have an intellectual chat or foster a relationship. We might, in fact, be quite rude, push, shove, yell and do whatever it takes to survive. Our eyes would dart every which way looking for the enemy. When autistic children are forced into a fight or flight mode they function in the old “reptilian” part of the brain. The language and social skill centers in the neocortex have little value at the time the brain is fighting to merely survive. This fight-or-flight behavior of a brain fighting to survive against an onslaught of toxins produces the symptoms labeled as autism – poor communication skills, poor social skills, poor eye contact and stereotypical behaviors.

\textsuperscript{187} (D. N. Campbell-McBride)
Not only are children overloaded with toxins, but the Moms and Dads have also been getting overloaded with toxins from our modern society, and have similarly shut down their bodies’ elimination abilities. Is it any wonder that similar cellular disruption is seen in the parents and siblings making a genetic link a possible etiology?

Lipton, Becker, Lytle, and Smits all view the genetic component in light of the energetic component, or the software program, that switches on and off genes. In fact, the relatively new field of epigenesis, shows that “the activity of a gene is “controlled” by the presence or absence of ensleeving proteins, which are in turn controlled by environmental signals.” A single gene can have more than 2,000 protein variations. Bruce Lipton relays a Duke University study that showed how dietary supplements overrode genetic mutations in mice. Environmental signals are not limited to substances we can “see” with our senses, or measure with our current technologies. According to Dr. Kronn, mankind at best can measure only about 10% of the energy in the universe. That leaves another nine times as much subtle forms of energy (environmental signals) that we can draw on to affect health and healing.

In Quantum Medicine the physical factors of toxins, vaccines, and nutritional deficiencies are taken into consideration. Substances that are known to be damaging to the human body should be avoided and eliminated if possible, but Quantum Medicine does not stop there. Quantum Medicine looks at the other layers of the body. The Son-Rise Program may be finding its success because through the “joining, hope, and acceptance” aspects of its therapy, a change in the Mental Body is required in the minds of the parents. Parents and children are directly connected in their energy fields. I energetically “know” when one of my children is calling with bad news. Before the phone

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188 (Lipton)
189 (Lipton 70-71)
190 (Kronn)
rings I sense a rise in tension, my heart rate speeds up, and I feel anxious. Years ago, after hanging up from a pleasant phone conversation with my parents, my father felt an overwhelming energetic disruption. He stood by the phone and prayed for hours until he got a call from an emergency crew member informing him that while I was driving home my car had been washed off the road by a flash flood, but I was fine. My father’s prayers covered me in peace throughout the ordeal. I felt the energy transmitted by his prayers even though we were 400 miles apart. We experienced nonlocal communication. What parents believe and feel transfers directly to their children.

If through genomic imprinting the sperm and ovum have certain genes turned on and off creating a genetic pattern for their future offspring,\textsuperscript{191} that same energetic imprinting phenomena is still available to parents to correct and change what is and what will be. Nurturing is the term most commonly applied to the effect that a loving, caring and supportive family provides it members. Nurturing starts in the belief system. Children with autism have suffered terribly from the assaults that threaten their survival. I cannot imagine the pain an infant must feel from brain swelling and inflammation following a vaccination, let alone just the pain of having their tender flesh pierced. The child will not feel loved and nurtured during such an experience, especially if mom or dad was holding the child or let alone holding them down against their will. The parents of a child that cries incessantly as a result of brain inflammation may go years before enjoying a full night’s sleep. They become exhausted and cranky themselves. No matter how much parents intend to be loving and nurturing, the stress toll in their lives disrupts their energy.

The financial burden for caring for an ASD child is huge. Research presented at the 10\textsuperscript{th} Anniversary Meeting of the International Meeting for

\textsuperscript{191} (Lipton)
Autism Research (IMFAR) in May 2011 by Dr. Cidav and Dr. Dawson showed that families with an ASD child had a 27% reduction in overall annual income.\(^ {192}\) Often one parent must quit work in order to care for the child, further reducing the family’s income. Family and friends reject them because of their child’s behavior. Marital relationships are challenged.

A Quantum Healer will take into consideration the state of the parents’ mental body as well as that of the child. New possibilities inspire hope and hope opens the door that release years of built up tension and stress. Whether or not the child is able to intellectually process and/or discuss hope and new possibilities, they do receive and process the energy that those feelings and thoughts produce. Through the principle of entangled hierarchy the Quantum Healer, the parents and the child all are invested in and share in the ultimate outcome. The preparation phase for a quantum leap starts with expanded possibilities.

Item 3 of the GAPS protocol requires working with the Mental Body. Lifestyle changes are Mental Body changes. That is why most New Year’s Resolutions never amount to any permanent change. Until the belief system of an individual changes, changes in the Vital Body and the Physical Body will not become permanent changes. The ABA system, too, works with the Mental Body. Where the Son-Rise Program is geared toward the parents accepting and learning to function within the child’s abilities, ABA follows the belief that a child can learn to function within socially accepted parameters, i.e. the child can change to fit into the adult’s world. The sheer expectation and determination on the part of the parent and ABA provider sends a corrective energy. When the adult believes the child can do something, the energy from that tangled hierarchy transfers to the child. Unfortunately, the opposite also holds true.

\(^ {192}\) (MacReady)
When the primary caretaker(s) does not believe that the child is capable of modifying behaviors or learning something, that same negative energy is transferred and, in turn, the child is not able to make the required changes. Beliefs translate into expectations and expectations determine what information an individual will choose to receive out of the infinite possibilities that are presented to each level of their body each and every day.

Hindsight is always 20/20. I look back at opportunities that I missed years ago that could have improved our son’s outcome. Some items were not available, such as the current technology, but many were. The difference was me and what I believed at the time. For instance, my belief system put blanket trust in my physicians and not in my chemical engineering background and expertise. As such I filtered out significant knowledge that I used daily in my job about the toxicity of dangerous chemicals and heavy metals, and never even considered the effect those same toxic chemicals would have once they were injected into my infant son.

I also look back on the number of times that well-intentioned family members and professionals told me that my son needed to be placed in a residential facility or that he would never be more than trainable at the best. At those times, fortunately, my belief system was “No, you are wrong. My son will get a college education if he wants one.” I truly believed he would have an independent life. As such, my quest for new possibilities never ended. This research paper is only one outcome of that quest.

The etiology of genetics appears to be an etiology of a belief system that does not want to assign responsibility for the current autism epidemic rather than an etiology based on science. The assignment of environmental causes always comes with finger pointing blame. The fear of litigation created the
National Vaccine Court in 1986 and an amendment tagged on to the Homeland Security Bill that passed after 9-11 to protect manufacturers of vaccines from lawsuits due to injuries caused by their vaccines. If the etiology is "genetic", then parents are helpless to change the outcome for their child. The fault lies with no one. They merely need to accept that the child is defective and figure out a way to care for a defective individual. The cost of lifelong care is staggering. Eight years ago, a modest residential facility for our son was quoted at $2,400 per month. With 3% inflation the cost would now be $38,000 a year, and that only included the facility costs, none of his other needs. Social Security benefits would cover about $12,000. Sheer economic disaster looms on the horizon if autism is truly "genetic." At today’s current ASD rate, in 20 years society will be forced to care for one "genetically defective" individual for every 90 "non-genetically defective" citizens.

What the parents believe about their child, through tangled hierarchy is what the child believes about themselves. If the parents have no hope, the child will have none. If the parent believes there is a solution, a cure, there will be one. The Mental Body holds many keys for the positive outcome for individuals diagnosed as ASD. The Quantum Healer will seek to encourage client creativity and openness to new ideas. This mental preparation and incubation of the existence of new possibilities set the stage for a quantum leap to the Supramental Body where the original, undamaged archetypes for the child and the parents lie. When beliefs change, outcomes change.

The homeopathic and energy treatments used as treatments for ASD individuals are Vital Body treatments. As discussed earlier, changes from the vital body precede changes in the physical body, whereas physical body changes do not correct vital body disruptions, hence, the etiology of toxic

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193 (National Childhood Vaccine Injury Act)
194 (Fisher)
imprints. In the DAN! Protocol chelation is often used to remove heavy metals from the body. In the chelation process, beneficial minerals are also lost so chelation is generally accompanied by nutritional supplementation. The lack of improvement or minimal improvement from these treatments can be frustrating for parents. A new hair analysis or chelation challenge test might show a significant reduction in the heavy metal load in the child, but the significant improvements in behaviors and skills that is anticipated does not materialize. The issue lies in that the toxic heavy metal damage has proceeded deeper into the child’s body. The toxic energetic imprint has crossed cell membranes. Large chelation molecules, like Ethylenedinitrilotetraacetic acid (EDTA) and Diethylenetriaminepentaacetic acid (DTPA), work great in acute heavy metal poisoning situations when the toxic metals are circulating in body fluids. These large molecules have chemical bonds that are easily broken and re-bond with circulating heavy metals and then in their new form flush from the system.

According to ASTM – A-380 (American Society of Testing Materials Standard) Chelants are “chemicals that form soluble, complex molecules with certain metal ions, inactivating the ions so that they cannot normally react with other elements or ions to produce precipitates or scale.” Once the energy imprint of a toxic heavy metal invades a cell, removing the actual metal molecule stops the further progression of the heavy metal damage, but does not remove its disruptive energetic fingerprint from the fine inner workings of a cell. Leaving parents with the sense that, “Yes, something is sort of better, but the problem is not fixed.”

Homeopathy by way of various potencies works at a Vital Body energetic level. When the frequency of the energy disruption is matched according to the Law of Similars the gentle homeopathic nudge is able to allow the body to return to homeostasis. When the remedy is a perfect match the results are nothing less than miraculous. A child can make sudden improvements in language and

195 (Chelation)
communication skills as well as achieve a major reduction in physical symptoms such as gut issues, congestion, etc. Similarly, when Vital Body energy techniques and devices are able to match the energy disruption the same miraculous phenomenon is observed. Unfortunately, science has not yet developed a diagnostic tool that we can hook our children up to in order to determine which frequencies are disrupted. The next best avenue is to make an educated guess. In Homeopathy, years of provings have led to a significant resource in the homeopathic materia medica. Pattern discovery and pattern matching is a hallmark of homeopathy’s method of educated guessing.

Work done by Royal Rife in the 1920’s and 1930’s demonstrated that every molecule oscillates at its own unique frequency. Every bond emits and absorbs its own specific electromagnetic frequency, and hence, its own energetic signature. Rife discovered that by playing back a slightly modified version of the pathogen’s own pattern of oscillation, he could destroy the pathogen without affecting the tissues around them. Rife was able to kill a particular virus or bacterium using light rays alone. The light rays were absolutely harmless to the host animal, but deadly to the microbe. The other side of that equation was that by matching a frequency the amplitude can be increased and the strength of that frequency is increased and in turn, the strength of the organism could be enhanced.

By making adjustments in the Vital Body with various forms of matching energy frequencies physical changes result. Auditory Integration Training uses sound waves to modify auditory perception by the body which, in turn, modifies physical behavior. Homeopathy matches body frequencies to bring a return to homeostasis. SCENAR devices communicate with the body’s energy system and effectively jump start the body’s general adaptation response. Low Level

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196 (Lansky)
197 (Lansky)
198 (Rense)
Lasers provide photons that carry electrons to boost the body’s energy and allow biophoton communication between cells to resume. Earth Pulse can override the disruptive forces of EMF and reset the body to its natural energetic rhythms. Hands on methods such as BodyTalk\textsuperscript{199}, Emotional Freedom Technique (EFT)\textsuperscript{200}, Reiki\textsuperscript{201}, *The Healing Code* technique\textsuperscript{202} and other hands on therapy transfer electrons of energy from one individual to another or alter the flow of energy through tapping or touch. In all cases the Vital Body receives an adjustment that ultimately translates into a physical body adjustment.

In all these various forms of treatments for autism the thing they hold in common is that they are generally performed in a linear fashion. Parents and practitioners generally view each therapy as individual action items on a list. The therapy or treatment is pursued. Some individuals will experience tremendous/almost miraculous results, while others will feel they simply wasted their time and money. The global effect and interconnectedness of each stressor and, in turn, each therapy or treatment, is most often overlooked. Quantum Medicine sees the whole individual and synergy in treatment and therapy options.

Chapter 3: Case Studies

Actual cases of ASD individuals will be presented followed by a review of each case in light of the Quantum Medicine approach.

\textsuperscript{199} (BodyTalk Principles)
\textsuperscript{200} (Robins)
\textsuperscript{201} (What is Reiki?)
\textsuperscript{202} (Loyd, Alexander PhD, ND; Johnson, Ben MD, DO, NMD)
Case No. 1 – 32 year old male (will refer to him as Joe)

Joe was not officially diagnosed as ASD by a child psychiatrist until age 14, but the diagnosing physician reviewed early developmental evaluations and concluded that autism could have been diagnosed as early as 18 months. At birth Joe suffered the effects of general anesthesia from his mother’s cesarean delivery. With his 6 week DTP vaccination started screaming, screaming hours at a time in a pattern that continued for years. His parents received their first full night’s sleep when Joe was 4 ½ years old. Normal developmental milestones were met during his first year. At 12 months he had a vocabulary of 8 partial words. Joe was alert and inquisitive, but suffered from runny noses, and puffy eyes. Following his 15 month MMR vaccination, Joe lost all verbalization skills and eye contact. He started a pattern of rocking and throwing his head back and forth ferociously in order to sleep.

Initial attempts to help Joe were allopathic - antibiotics for ear infections, sinus congestion and high fevers. Mother started eliminating artificial colors and additives from Joe’s diet. By age 2 Joe attended a special education preschool that started behavior modification and worked on language development. By age 3 he had acquired 38 words. Evaluations showed Joe to have auditory processing problems, hearing only 3 of every 5 words, tactile defensiveness, hyperactivity, and no ability to interact or engage with other children, and developmentally delays. By age 5 he was diagnosed as Attention Deficit with autistic like behaviors and prescribed Ritalin. The side-effect of the Ritalin placed Joe in a Zombie-like state in school and had a major let down-effect each evening with major screaming and tantrums. The physician’s advice to endure the screaming and tantrums as long as the drug kept him manageable at school. Mother found that totally removing sugar from the diet provided more satisfactory results than the Ritalin without the negative side-effects. By age 6 Joe received Occupational Therapy (OT), Speech Therapy, and special education/behavior modification services. Mother continued diet without additives, dyes, and sugars
and focused on providing proteins with every carbohydrates. Attention difficulties and hyperactivity were extreme. Language was limited with the speech teacher stating, “It’s as hard to learn what Joe knows as it is to teach him something new.” By 8 years old allopathic treatment was again sought. Mother began some nutritional supplementation to help with Joe’s constant allergies and found that Joe required ¼ the medication amount when he took the allergy nutritional supplements. Negative side-effects from the drugs would cause excessive salivation and tantrums.

Behavior modification and speech therapies continued, but Joe could not function in the classroom so by 4th grade he was homeschooled. In 6th grade Joe started treatment with an orthomolecular physician. He received IV chelation treatment for toxic levels of lead, aluminum, cadmium, mercury and arsenic. He was placed on a yeast-free, gluten-free diet and received nutritional supplementation. Joe was calmer, but the basic ASD symptoms were unaffected. At age 14 Joe did Auditory Integration Therapy (AIT). He stopped panicking when birds would chirp and he had his first conversation with his mother where she said something, he thought about it, and then responded appropriately.

Nutritional supplementation, Speech Therapy continued, but the strict diet fell by the wayside as Joe enjoyed more freedom and access to standard American fare. Sugars remained severely limited with a very obvious 3 to 4 day brain “brown-out” following any consumption. Puberty and concern about inappropriate behavior with females forced placement back on medication. With appropriate nutritional supplementation severe side-effects like tardive dyskinesia were avoided. Standard dosages produced severe tantrums and violence requiring reduced dosages. Throughout high school Joe continued Language Therapy, behavior modification with a full-time aide, nutritional supplementation, a fairly clean and healthy diet at home, and small dosages of two psychotropic medications one time a day. He graduated and started college.
Joe received special education accommodations at college, but functioned fairly well his first semester following the nutritional and medical protocol he had followed in high school. By his second semester the freedom of college and access to “forbidden” items like sodas and ice cream started to take their toll. The brain brown-outs caused social blunders as well as damaged his academic performance. A local psychologist told Joe that he was “Defective.” The negative side-effects of the drugs were no longer modulated by good nutrition. One medication that was part of his regimen was removed from the market, and several attempts were made to find an adequate replacement. Each new drug came with its own set of negative side-effects. Severe behavioral issues resulted during the drug manipulation period. By the end of Joe’s 3rd semester at college he had mentally and socially decompensated so severely that he had to leave college and return home. The decompensation continued resulting in more drug changes that produced violent behaviors until Joe had to enter a MHMRA residential facility. In those 2 years, the facility suspended all nutritional supplementation and all diet restrictions. He was medicated with 5 medications at standard dosages 3 times a day. The drugs caused sudden extreme weight gain – 20 pounds in the first month alone. They did however, suppress Joe’s violent behaviors, but he was inwardly extremely angry and mentally no longer able to function independently. Physicians informed the parents that the brain damage done by the drugs’ negative side-effects would be permanent and Joe was looking at a life in residential placement.

At the end of those 2 years, Joe’s funding was revoked, and he was sent home. Mother resumed the nutritional supplementation and diet that had previously worked and requested a schedule to take Joe off the 5 different drugs. After 6 months Joe was down to 1 drug, 1 time a day, but mentally he had lost skills that had enabled him to go to college. He could no longer write or perform math. He was extremely hyperactive and could not maintain focus. He was unemployable and no longer capable of returning to college. Physically he was
incurring repeated folliculitis infections, requiring six rounds of antibiotics in just five months. Parents were pursuing fulltime private residential placement.

Parents invested in a Q1000 at this time. In 30 days of using the device for 45 minutes a day, Joe was calmer. His folliculitis infections cleared without any more antibiotic treatment. In the next 30 days usage was reduced to about 30 minutes per day. At the end of the 2nd month, Joe applied for and got his first job in over 2 years. Usage reduced in the 3rd month and forward to as needed for behavior, anxiousness, pain, injury and signs of infection. Diet and nutritional supplementation continued the entire time. After 6 months Joe was able to focus well enough to drive independently and live independently in his own apartment.

Math skills and language skills lost during the decompensation period remained lost. Parental guardianship was required to make sure bills were paid and that appropriate care was provided to maintain the apartment. Joe’s diet resorted to standard American fare again resulting in some behavioral losses. Parents added SCENAR treatment to Joe’s regimen and regained some ground even with Joe’s poor diet. Use of PEMF for 6 months produced significant improvement in Joe’s verbal syntax. A DAVID PAL 36 Light and Sound Mind Machine and CES Device was added to give Joe a tool to calm himself through adjusting brain wave frequencies. With these tools he re-enrolled in college and completed an Associates of Applied Sciences Degree in Engineering Graphics.

Seven and a half years following the decompensation Joe still displayed typical ASD social skill deficits with difficulty maintaining relationship and lack of empathy. Joe then started a program of sequential homeopathy. Within a short period of time he was able to express concern over his sister’s health during her pregnancy and delivery. That process has been in place a year now and subtle improvements continue in his social skills and financial responsibility. To date, Joe has not been able to get employment in his field of education, but he works as a sales representative selling cutlery.
Joe’s case is a very slow and long drawn out process that only in hindsight offers any sense of hope. He was child with a normal start in life, damaged by repeated vaccinations, leaving a non-verbal head-banging autistic child with no hope but to ultimately be institutionalized. At 32 years old Joe has a college degree and lives independently. He still battles waves of depression from the belief that he is defective – a nocebo effect courtesy of the psychologist he saw during college. He desires more in life so he has not “arrived” at his destination, but he is in in route.

Keys in this case study involve the significant advancements made each time an energetic therapy was added simultaneously with biomedical and physical approaches. The greatest advancements were made when diet, nutrition, and energy were combined. Diet and nutrition alone provided some improvement and energy devices used singularly provided improvement, but used simultaneously, the synergistic effect produced the most significant improvements. Worth noting, also, is that the Mental Body has had a significant role in the overall improvements. First, the hope and determination that the parents maintained over the years always looking for and expecting to see Joe’s healing kept them open to possibilities. Those beliefs translated into action and ultimately into improvements. When their hope waned and when belief in healing drew to a standstill, so did any progress on Joe’s part. At the stage when Joe tapped into his own Mental Body and was able to hope and set goals for himself even more progress was made. Joe overcame the inability to write and perform mathematics resulting from the drug side-effects and returned to college to complete his degree. Because he desires relationships with other individuals, he can now assume responsibility to use the energy technology he has available to control his anxiety. He is also able to take responsibility for taking his homeopathic remedies.

Joe’s parents and sibling remain mentally optimistic which further fuels Joe’s mental ability to believe for his own healing. They also continue to pray for
Joe’s full and complete healing. A Quantum healer will encourage the belief for ultimate healing in the entire family. The belief that a solution exists keeps each member of the family opens to new possibilities. The healer will also encourage their prayers as prayer allows them access to the Universal Consciousness where even more possibilities can be accessed. The healer might point out that Joe’s biggest strides came when nutrition and healthy diet were used simultaneously with the energy therapies and his positive beliefs, thus encouraging Joe to independently make better choices in order to reap the synergistic benefits.

**Case No. 2 – 13 year old male (will refer to him as “Jim”)**

Jim was approximately 17 months old when ASD symptoms first appeared. ASD was suspected at 24 months and officially diagnosed at 33 months. Development seemed normal prior to 17 months. Jim exhibited normal babbling and language development prior to 15 months. At 13 months Jim had 4 words. By age 4 Jim had been having regular asthma flare ups each time he was ill. When I got acquainted with Jim he was 8 years 10 months old. In my opinion he was severely autistic – nonverbal, appeared to be living in a world of his own, would get someone’s attention by patting/hitting and could become extremely violent at a moment’s notice. His mother looked as if she regularly tangled with a rose bush due to his clawing and digging his nails into her arm. He was in a self-contained special education classroom. A full-time paraprofessional was required to help Jim transfer information the teacher presented on the board to his paper.

Jim’s parents had been extremely proactive in getting help for him. Behavioral therapy was started after the first symptoms appeared. He seemed to develop more eye contact and initiated interaction with others. During this same
timeframe, Jim also received hippotherapy which uses horses therapeutically to help the individual with physical movement and/or speech development. This therapy seemed to make Jim calmer while stimulating verbalization. From age 2 to current, Jim receives Occupational Therapy (OT). Gross motors skills improved as did fine motor skills, but at a much slower pace. During the same timeframe Jim also received Speech Therapy. Although he started life with normal verbalization skills by age 4 he was diagnosed with apraxia. The Speech Therapy has helped Jim become aware of parts of his mouth and how to use them in speech resulting in stronger verbal sounds, blending of sounds and being able to sound words out better.

In 2004 his parents started Jim on a Biomedical Intervention. Immune system deficits and pathogens were addressed with probiotics, herbal and traditional treatments. Chelation to remove toxic heavy metals was done for 1 ½ years along with nutritional supplementation. The supplementation has continued to the present along with a gluten-free/casein-free diet (GFCF). Jim played with toys for the first time. His constant ear infections were finally relieved. He had improvements in speech sounds, the extreme violence dissipated and he could give an appropriate response to being given a gift.

Hyperbaric Oxygen Therapy (HBOT) was done in 2006. The extreme aggression/violence of earlier years returned, but Jim made progress with stronger verbal sounds.

In 2007 Jim’s parents rented a D.O.V.E. (a SCENAR-type device) and a Q1000 laser for three weeks. After about 1 week I got a call from a very excited mother. They had just returned from a T-ball game for handicapped children. When it was Jim’s turn to bat the volunteer helpers were distracted and did not immediately assist him. Jim proceeded to put on his own helmet, set the ball on the T, swung and ran to first base without any assistance. This was a first. About 2 weeks into the rental period Jim’s teacher called saying she knew the
parents were trying something new, and she did not like it. Jim was paying attention to what the other kids were doing and effectively was distracted from his own work. Then a few days later, the Friday before Mother's Day, she called back and told Jim’s mother that she had changed her mind about what they were doing. Jim had been able to transcribe "Happy Mother's Day" from the board onto his card and sign it "Love, Jim" before the paraprofessional reached his desk.

Jim’s parents purchased the Q1000, but not the D.O.V.E. In September, Jim’s mother reported that the progress was not fast as when they used both devices, but Jim’s tantrums were less frequent, less in duration, and less severe. She also said that Jim had started giving spontaneous answers for the first time.

The biomedical interventions and strict GFDF diet are hard to maintain and Jim’s parents started to realize that when they “cheated” and allowed Jim gluten that his ears would turn red, bother him, and he would act out behaviorally. They found that after applying 9 minutes of the Mode 1 frequency on their Q1000 Jim’s behavior would become calmer and his ears no longer seemed to bother him. The redness would dissipate. Another set of frequencies on their Q1000 used on Jim’s abdomen would calm him and assist his going to sleep. The parents continue the use of the Q1000 with Jim, but also with themselves.

From the viewpoint of Quantum Medicine this case shows the importance of understanding and addressing the needs of the different layers of the body. When Jim’s parents combined Vital Body therapies of the D.O.V.E. and Q1000 with Physical Body OT and Speech therapies and biomedical interventions simultaneously, Jim made amazing strides. Once violent behavior subsided and communication spontaneity increased, however, the incentive to continue the Vital Body therapies was less. Life was better and less stressful. The family
finally enjoyed relief. They use the Q1000 now as part of their first aid kit, but not as the synergistic key that spurred the other therapies to greater results. At this point a Quantum healer would use the achieved success to prepare Jim and his parents for more success, to foster more hope, to see Jim from the viewpoint of his original design. Clients need preparation for a Quantum Leap. Rejoicing with the progress is important, but even more important is finding the energy, the hope, and the vision to continue toward the ultimate goal of a fully restored life for Jim.

Case No. 3 – 16 year old female (will refer to her as “Sara”)

Sara was 2 ½ years old when ASD symptoms appeared and she received a diagnosis of autism. Early signs were lack of eye contact and developmental delays. Today, in addition to these signs, no fear of danger, and lack of speech are major issues.

Prior to age 2 Sara met normal development milestones. Sara also babbled and had a few words. At her 4 month DTP vaccination Sara developed an infection at the injection site. At 15 months her MMR vaccine gave her a high fever lasting for many days that was ultimately relieved with antibiotic treatment.

At age 3 Sara was started on an ABA behavior intervention program in a special educations program. Parents felt Sara improved a lot and was finally catching up. At 4 ½ years old she got her DTP booster shot. At 5 years old she received the MMR booster which gave her a severe fever again. She did not receive antibiotics with the fever this time, but within six months she had regressed and lost all the words she had gained to that point. Parents then tried A GFCF diet was tried for one year without seeing any improvement. It took 2 years before Sara started talking again.

Oral chelation was also pursued for a short period of time. But not much difference was noticed.
At age 13 her parents purchased a Q1000 and a 735Ag (an LET Medical Cosmodic/SCENAR device). The initial report I received was that after they began therapy with the two devices Sara accompanied the family on an international trip to China. They brought the devices and used them on the trip and were able to enjoy their holiday without behavior issues flaring up from Sara.

A homotoxicology approach was tried for about a year when Sara was 14. The first few months the approach was gentle, preparing Sara’s body. Then in the fourth month a biomedical approach was added using conventional medications and herbs to rid Sara’s body of pathogens. Chelation injections were given twice. Simultaneously they continued the homotoxicology approach to eliminate yeast, bacteria, food additives, etc. Sara’s hair analysis showed that she was eliminating a lot of mercury during this process. During these few months Sara showed Herxheimer reactions and the biomedical therapy was discontinued. Shortly thereafter, Sara started having seizures so the homotoxicology approach was also stopped. This entire process took about a year and the parents cannot tell if these approaches improved Sara’s outcome.

At age 15 Sara started experiencing seizures. Since then helping Sara control seizures has become the parents’ primary objective.

In the eyes of a Quantum Medicine practitioner, Sara’s history indicates that her MMR vaccinations were extremely toxic. They may have just been the “last straw that broke the camel’s back,” but as a “last straw” it presents a place to start in finding a path back to health for Sara. The history of one year trials of special diet, chelation, biomedical approaches and homotoxicology would also indicate that Sara’s parents were not adequately prepared by their physicians to mentally approach the healing possibilities for Sara. A series of one year trials is comparable to making New Year’s resolutions. The idea is great, but the belief system is not changed or convinced that the treatment or therapy will work. In a fast food society that is used to instantaneous results, people are simply trained
to jump to the next “miraculous cure.” Sara’s parents were not adequately educated in how the human body functions and repairs itself. Without adequate Preparation Phase for Sara’s parents, the Mental Body was not prepared or adjusted so that the resulting Vital Body and Physical Body changes could develop and mature.

In this instance, the Quantum healer would want to spend time educating Sara’s parents in an attempt to reignite hope for positive health for Sara. This Preparation phase for a healing environment is critical. Then as Sara’s parents’ hope revives and their belief system changes to accept the possibility of improvement for Sara, treatment and therapy possibilities will start to emerge. An overall review of Sara’s situation based on the Five Pillars could potentially reveal areas of imbalance that need to be considered first. Looking back at the history and the impact of the two MMR vaccinations, the parents might want to consider the homeopathic approach of isotherapy. Since Sara also has a history of Herxheimer reactions they might want to consider possible gentle drainage approaches to precede the isotherapy. The parents then need to be prepared for subtle changes and progress. They will need to be educated in Herxheimer reactions, what to expect, how to respond, and why they can be an indication of healing. As Tinus Smits explains, “If there is no reaction to the detoxification of a certain substance, we can conclude that this substance had nothing to do with the child’s autism. If, on the contrary, there are clear reactions to the homeopathic preparation of a suspected substance followed by clear improvements, we can just as readily conclude that the original substance was harmful.”

Since such a concept is generally foreign to those accustomed to the symptom suppressing allopathic form of medicine the Quantum healer’s role in preparation for a healing is critical.

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203 (Smits 12)
The Quantum healer would also note the improvement in Sara’s behavior while the Q1000 and 735Ag were used. As they are devices that work with the Vital Body and the indication that Sara responded to them positively, continued application would be encouraged. Again, helping Sara’s parents understand how the various parts of the body work and flow, simply understanding that Vital Body changes precede Physical Body changes might be all the encouragement they need to continue applying the resources they already possess. The biggest change would be applying the tools with the expectation, the belief, that what they are doing will ultimately produce positive changes in Sara’s physical body. The next key would involve helping them adjust their concept of time. The body heals one energy spiral at a time. In a child with autism, the damage is global and severe. It takes time for the body to rebuild itself even when all the right building blocks are in place.

**Case No. 4 – 8 year old male (will refer to him as “Sam”)**

Sam is the third son of a family of four boys. Shortly after he was born his father developed cancer, so during his toddler years his father was undergoing cancer treatment. At four years old Sam was non-verbal, hyperactive, laughed inappropriately, and behaved socially inappropriately making family outings nearly impossible. Even potluck dinners at church were cut short due to Sam’s behavior. He attended piano lessons, but would just bang on the keys. Sam was receiving Speech and special education services. I met Sam’s mother at a conference where I demonstrated Q1000 Low Level Lasers and SCENAR devices.

After a consultation in how to use the device and how and why it worked, the Tuesday before Thanksgiving Sam’s parent’s decided to rent a Q1000 for a couple of weeks. They followed a protocol of 15 minutes with a brain and heart frequency in the morning, 15 minutes of a set of universal healing code frequencies in the afternoon and 15 minutes of a serotonin/dopamine set of
frequencies. The light with first two set of frequencies were applied anywhere on Sam’s head covered by his hair while the light with the third set of frequencies was shone on the back of his head or his abdomen in the evening. On Thursday (Thanksgiving Day!!!) he asked his mother a question. When she didn’t quite get it, he elaborated more. Sam had NEVER asked a question before, let alone elaborated! By Monday, just 6 days later, his mother said that he was already MUCH calmer. He even played a scale at piano lessons for the first time ever. With such dramatic improvement in less than a week, Sam’s parent’s purchased their own Q1000.

The dramatic improvements continued over the next several weeks. After a week and a half Sam was expressing concern when his infant brother cried, verbalizing, “Tommy is sad, Mom.” Sam had never expressed concern for anyone else before.

By mid-December Sam’s speech teacher emailed the mother with a glowing report. Sam started making spontaneous greetings and giving farewells with prompts. He started making spontaneous speech in the form of questions and started imitating sounds. Sam also started exerting himself expressing developmentally appropriate anger and resistance. The teacher was able to talk with Sam about his feelings and how to express them and felt that he understood her. Sam also was able to talk about pictures he brought from home.

Sam’s strides in conversation and social interaction continued into the New Year. His narrow selections broadened, laughter became genuine, attention span increased to include 90-minute children’s movies, and when asked could tell what happened at school. The biggest miracle being that he was being understood by others. Rather than push his baby brother down or away as before, Sam started acting like a kind big brother saying, “Come watch TV with me” and describing the pictures. Family outings became pleasant. Same started sounding out letters, learning to read, and able to count to 50.
Eight months into the LLLT Sam started to seek out, play with, and copy his older brothers (ages 7 and 14). The older boys who had given up on engaging Sam were now playing trains and Gameboy with Sam per his request. He also started holding conversations with up to 4 back and forth volleys before moving on to do something else. Sam watched the Olympics with his family paying enough attention that by the third night he was ready to become a swimmer himself. His very excited mother share, “He is showing sympathy, empathy, and charity to his family in appropriate ways now also. He is very helpful, and giving, without a prompt. He cheers his little brother for learning new things, and gives kisses when someone is hurt, if it is explained that they are hurt. He notices if a family member is not happy, and asks them ‘What’s the matter?’ over and over until they reassure him they are feeling tired, or whatever feeling, and will be ok. …I am so delighted that I can talk to my boy. He still has issues and quirks, of course, but he has come such a long way.”

A year and five months into the LLLT, Sam was still making progress, but at a slower pace. The mother expressed wishful thinking that someday perhaps he would be 100%. A few weeks later Sam drew pictures of his trip to the farm. It was excellent for age, but the fact that he proudly shared it and then drew another one to continue his glory ride showed further strides in Sam’s social development. That same month the family was able to go camping for the first time. Sam behaved himself and stayed in the camp sight the entire weekend. Any kind of a family vacation had previously been impossible. The mother expressed, “As he continues to improve, I continue to get braver in the things our family can try, and we become a more normal family.”

A year later, Sam’s parents were in the middle of a divorce. Sam’s mother took the boys on a vacation to Sea World and Sam was her best behaved child. He patiently waited in line 2 hours to ride a water ride. Sam needed to know his schedule for the day, but once that was established he functioned with compliance.
Unfortunately, the trauma of the divorce and having to adjust to the routine of changing parents resulted in a year of regression for Sam. Now that the routine has become routine, Sam is making progress again. Sam has been in special education life-skills classes with inclusion time, but this past summer Sam told his mother that he wants to be in a regular classroom all day. They have discussed what it will take for Sam to achieve his goal, but then this goal is Sam’s.

Sam’s story is a remarkable tale of improvement for an individual on the ASD spectrum. Sam parents used Speech Therapy and special education services in addition to Low Level Laser Therapy (LLLT). The dramatic improvements came with the addition of the Vital Body LLLT to the speech and behavior services he was already receiving. The parents were diligent in their use of the Q1000 over a period of several years. The initial improvements were the most dramatic, but that is to be expected because a sick body is more deficient in electrons than a healthy body. The photons carrying electrons would be readily accepted and placed immediately to work. As Sam’s body moves closer and closer to homeostasis the improvements will appear slower and less dramatic, but with the addition of every electron carrying photon, cells can not only overcome the daily onslaught of toxins to which Western lifestyles are subjected, but have enough extra electrons to continue the repair process from the initial damage that caused Sam’s ASD symptoms.

The dramatic initial improvements with the LLLT not only provided Sam’s Vital Body with energy to help his energy body, improve cellular osmosis and improve his pH, but the Mental Bodies of the entire family were revitalized. Mom and Dad suddenly had hope. Sam’s older brothers, whom had given up on their younger brother, suddenly had hope. And most important, Sam was able to communicate for the first time. At four years old, Sam’s world and, in turn, his belief system changed. Homeopathy reports numerous cases of where selecting
the correct remedy produces similar dramatic results. In Sam’s case one of the frequencies emitted by the Q1000 could have been that perfect match.

As a Quantum healer the initial contact and following consultation needed to provide information to mentally prepare the parents for Sam’s healing. They needed to understand how the body worked and how the Q1000 would work synergistically with the body. They needed to understand that energy technology does not work if it is not used. In follow up visits the Quantum healer must remain part of the entangled hierarchy rejoicing in each victory and encouraging the continued use of the effective therapy combination. When the parents’ divorce upset Sam’s mental and emotional environment resulting in regression the parents could have given up on the therapy. Fortunately, for Sam, his parents’ belief in his ultimate healing motivated them to continue to care for his needs even when faced with their own unfulfilled needs. This sort of vision of ultimate healing that Sam’s parents hold on to is the goal of Quantum Medicine. To envision positive health and remain on the path towards that positive health keeps the doors of new possibilities open and alive.

**Case No. 5** – two brothers ages 19 and 21 (will refer to them as “Pete” and “Miles”)

Pete and Miles are two brothers both on the Asperger’s end of the ASD spectrum. They were homeschooled by their mother until special schools were found during high school. Social life consisted of attending a missions group each week that taught life and social skills to individuals with Asperger’s. Relationships with extended family members were extremely stressful. The mother felt Pete would never be happy. Both boys were extremely limited in the foods they would eat. Pete was very light sensitive that was helped by color. For their mother, watching her sons struggle socially was very painful.
In the fall of 2007 the mother purchased a Q1000 LLL. The device was used successfully to address injuries by both Pete and his mother. The awakening to the reality of the Vital Body led the mother down the path of BodyTalk and Reiki, both hands on energy healing techniques that balance communication energies with the boy-mind complex in order to allow the body to heal itself, step-by-step. The BodyTalk modality became the most helpful for the family.

Today both Pete and Miles are in college and living on campus. Pete has non-Asperger’s friends and so many social activities that his mother can hardly believe that he can take 18 credit hours and maintain his academic scholarship. According to his mother, “I thought Pete might never be able to drive; [but now] he does. He used to require tremendous amounts of ‘down time’; now it’s minimal. He’s on no medication. He has sleep issues, but somehow he self manages. He’s a very independent spirit.”

Even though Miles still struggles socially compared to his younger brother and does not respond as well to the energy work as does Pete, he transferred to a university 3 ½ hours away from home and does not feel the need to access the special college resources available to those with Asperger’s. In fact, his mother proudly reports, “He’s on the Dean’s list and participates in a service fraternity and another one which is [for] the top people in the business school. He recently returned from a class trip where they spent I think 2 weeks in Europe as part of a marketing trip. They had lots of discretionary time and apparently Miles did some of the coordinating of group activities. [It] sounded like he was very much part of the group, very different from a few years ago when he seemed sort of on the outside.”

The story of Pete and Miles is another remarkable tale. The lives of everyone in the entire family changed when Quantum Medicine concepts enlarged the family’s realm of possibilities. Even though the Q1000 was not
used as therapy as in Sam’s case, its subtle effects on injuries opened the eyes of the mother to an entire new world of possibilities. She did her own research and ultimately became her family’s own Quantum healer. She decided that the BodyTalk approach was most effective for her sons and got trained in the techniques.

These boys started from a place of Physical Body treatments with medication and behavior modification through homeschooling. Neither treatment made significant impact in the social skills issues that are the hallmark of Asperger’s. Once the mother’s Mental Body changed its beliefs and opened up to new possibilities, she explored Vital Body techniques and ultimately found a method that totally turned their lives around. It has been a four year process to get to this remarkable place. Persistence over time with Mental and Vital Body techniques seems to remain a significant key in the improvement of the outcomes of individuals with ASD.

Quitters never win, and winners never quit. You only lose if you quit. So it is for parents of children with ASD. Some get their miracles when the exact energetic match is found, some have to be satisfied with 2 steps forward and one step back. The Physical Body displays the end results, but the genuine key is to reach the Universal Consciousness, draw from it energy and infinite possibilities. Access the original design that is stored in the Supramental Body, and draw that perfect, undamaged, design into physical reality through changes in the Mental Body and corrections in the Vital Body.

**Conclusion**

Quantum Medicine sees the human being as a multi-dimensional being. Disruptions in one dimension can affect the others. The more subtle, the more micro the adjustments the greater the effect the change or adjustment will have on the overall body. The body is not linear as depicted in Newtonian Physics.
As long as treatments for autism continue as linear items on a list, children and their families will continue to suffer. As long as ONE etiology is sought, the cause of autism will never be found. Nothing works in isolation. Individuals do not function in isolation. Each one of us impacts others. Negative energy and hopelessness is transferred by those who simply say autism is genetic and those suffering from it are merely defective. Whereas, optimism and hope transfers a positive energy that says this autism epidemic can be stopped and those who are already affected can be helped.

A Quantum healer’s goal is to help parents draw from a positive source of energy, which will, in turn, encourage the child. Unlimited possibilities present themselves through Quantum Medicine’s multi-dimensional model of the body. The Quantum healer will help the parents prepare for quantum leaps into unexplored options and possibilities. And then, as they envision those possibilities, the Quantum healer will help them incubate that new found enlightenment, energy and hope. Perseverance during the Incubation phase is an absolute requirement for the manifestation of healing. Encouragement and entanglement with the ultimate goal adds the healer’s energy into the equation.

Chapter 4: Results

In the case studies analyzed above a couple of patterns emerge. The most notable pattern is that when Vital Body modalities were added to an ASD individual’s treatment regime significant improvements were observed. The next major pattern that supports improved outcomes was Mental Body preparation for healing. The parents with the clearest vision mentally for their child’s healing persisted in therapies and ultimately the individual with ASD caught on to the vision for their own healing. These families obtained better results than those who tried therapies for a “year” and quit. A long time frame associated with a Vital Body modality seems to be an important factor in achieving lasting improvement.
Chapter 5: Discussion

To see an end to the autism epidemic, a “Total Load” etiology needs to be accepted. The toxins that these individuals are exposed to need to be viewed as straws piling up on the back of a camel. One last straw may be all it takes to trigger autism, but that last straw is just that – one straw, one straw of many. Society needs to change how it views the toxins to which children and expectant parents are exposed. Individually, each item may appear innocuous, but in combination, deadly, or at least, ASD causative.

To help an individual who has already succumbed to the toxic overload and present the ASD symptoms a Quantum Medicine perspective is required. The entire body, all five levels, needs to be considered. All five pillars of health need to be evaluated. Many protocols focus on the immune system because ASD individuals present as riddled with pathogens. But, if the other four pillars are ignored many families will stop therapy because the Herxheimer reactions associated with killing off pathogens give the appearance of regression. Parents have fought too hard for the little ground they have gained to risk giving any of it up to something that looks like regression. If all five levels of the body are not considered, parents will not have the energy or the vision to survive the monumental task that is before them. The Supramental Body provides the archetype and vision for total restoration. Mental Body preparation for healing and the healing process is an absolute necessity. Vital Body therapies and techniques are needed to clear energetic blockages as well as fuel the healing process. Vital Body disruptions from EMF (Electro Motive Forces) need to be anticipated and reduced as much as possible due to the extra stress they place on the body. Physical Body treatments and techniques need to be evaluated in light of their potential for adding more toxins or eliminating toxins. They need to be further evaluated for their potential to provide the necessary building blocks from which the body can build new cells. The ultimate multi-dimensional approach to improve the outcomes for individuals with autism must look at
causes of stress on all levels of the human body, work to eliminate as many of those stressors as possible, and provide the body with the best environment possible to encourage its own systems of repair and regeneration to function.

Chapter 6: Summary and Conclusion

The autism epidemic is worsening with each passing day. The odds, of a child born today being on the ASD spectrum, increase by the minute. In 1979 it was 1 in 10,000 in 1979. Today the odds are 1 in 91 or less. With the exception of the “total load” concept current etiologies try to isolate a single cause. When analyzed independently each isolated culprit gets a clean bill of health. Current treatment plans generally focus one facet of the body - the Physical Body with drugs or biomedical approaches, the Vital Body with homeopathy or energy techniques or devices, or the Mental Body with training programs. When combinations of these different body approaches are combined parents often notice significant improvements with their child. By looking at the individual with ASD from a Quantum Medicine viewpoint, all levels of the body are considered as well as all Five Pillars of Health – elimination, assimilation, Immunity, oxidation and regeneration. The practitioner becomes entangled in the healing process sending encouragement, hope, and energy into the equation. Preparation and Incubation are facilitated as parents and ASD individuals alike reach for and explore new possibilities. Detox reactions will be opportunities to cheer as the immune system resumes functionality rather than feared as signs of regression. The limits placed by the instantaneous, “Golden Bullet,” mentality of western society are replaced with a clear vision of the ultimate goal and time is filled with the rejoicing in all the little victories along the way. Quantum Medicine sees the whole person and as such can improve outcomes of individuals with autism spectrum disorders.
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