

Lecture for The Budapest QX Worldwide Conference 2008.
A Proposal of what may be happening within and what we can do about it.
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Question: Where does all electromagnetic (EM) field energy and all EM potential energy come from in the first place?

Answer: From the vacuum all around us.

A Nobel Prize was awarded in 1957 for substantiating the extraction process.

— Tom Bearden

We live in a 3-dimensional world, which physics calls "3-space." But there is also spacetime, or 4-space, or the "4th dimension." Then suddenly comes this amazing knowledge that time itself is actually compressed energy. And it is energy which is compressed by exactly the same factor by which matter is considered compressed energy: the speed-of-light-squared!

So we have a new companion to the famous $E=mc^2$. It is now paired with $E=tc^2$ (where it is actually "delta-t," or change in time) say:

"E equals em-see-squared"

and

"E equals delta-tee-see-squared"

The good news!

"Any sort of disease whatsoever - physical or mental - will be rapidly curable, simply and cheaply. It will be possible to reverse aging and rejuvenate the person. It will be possible to regrow limbs and straighten misshapen spines - and directly remove the causes of mental diseases and cure them as well. Lifespan will be staggeringly increased, without 'old age's debilitation.' AIDS, cancer, leukemia, and genetic diseases will be completely conquered. The potential for a true golden era is upon us, for all humanity."

"In one second around 10 million cells in the human body die and are promptly replaced. Biochemical reactions take place far too slowly to be able to accomplish this miracle. Only the speed of light of the biophotons offers a plausible explanation." Dr Fritz Popp.

"A small group of thoughtful people could change the world. Indeed, it's the only thing that ever has." Margaret Mead.

Copper. Copper is both a nutritional and a toxic element, it is rarely deficient. My thoughts are traditional and that generally one should not give copper.. When it is very low on the mineral chart it might be suggesting an imbalance, and that there might be a need but only to be taken homoeopathically ..This might indicate a surplus and the homeopathy will support the detoxification/breakdown of the copper. High copper is recognized to block mineral absorption including zinc, selenium, iron and the vitamins B1, B6, Folic Acid. If copper blocks iron absorption, this may indicate a lack of oxygen – degenerative disease. Low blood levels have been found in cases of iron def. anaemia. Copper has many benefits including: the myelin sheath, SOD -inflammatory reactions, oxygenation

Copper comes from many sources including chlorine in water and copper cookware and pipes. *Cirrhosis of the liver in children (Indian Childhood Cirrhosis) has been linked to boiling milk in copper cookware.* It is in all fungicidal and insecticides.

Because of its role in facilitating iron uptake, copper deficiency can often produce anemia-like symptoms. Chronic copper depletion leads to abnormalities in metabolism of fats, high triglycerides, fatty liver disease and poor melanin and dopamine synthesis causing depression and sunburn. Food rich in copper – liver, whole grains, green leafy veg, almonds, legumes.

An inherited condition called Wilson's disease causes the body to retain copper, since it is not excreted by the liver into the bile. This disease, if untreated, can lead to brain and liver damage. In addition, studies have found that people with mental illnesses such as schizophrenia had heightened levels of copper in their systems. However it is unknown at this stage whether the copper contributes to the mental illness, whether the body attempts to store more copper in response to the illness, or whether the high levels of copper are the result of the mental illness.

Too much copper in water has been found to damage marine life. The observed effect of these higher concentrations on fish and other creatures is damage to gills, liver, kidneys, and the nervous system. It also interferes with the sense of smell in fish, thus preventing them from choosing good mates or finding their way to mating areas.

Molybdenum help gets copper out of the cell. They use the same receptor sites.

Iodine. I buy my Lugol's iodine from HEALTH LEADS UK, 0845 345 8880. Good service, fast delivery. Just apply it to an area of forearm skin about the size of a pound coin. If they are allergic, extremely rare, then within 10 mins small red dots will appear in the stained area. Do nothing, they will feel nothing and the marks will go. After 10 mins and there is no problem then sell them a bottle. The stain should stay 24 hours if a person has enough iodine in their body. I have yet to see that. Every night apply Lugol's iodine until the stain stays 24 hours. If they want to speed things up drink up to 6 drops a day in water. Women should spread it over the whole breast area, because the thyroid, liver and breasts use iodine. When the iodine levels are correct, the thyroid is functioning better and potassium is regulated better.

Hulda Clark says drink 6 drops, 4 X in one day (total 24 drops) to eliminate all clostridium from the whole of the digestive tract. Clostridium are tumor causing bacteria. In the old days doctors were taught, *If ye know not where, what or why prescribe ye then K and I...* K being potassium and I being iodide, potassium iodide which is Lugol's iodine.... There are 4 elements on the periodic table known as halogens

Chloride - tap water, bleach,

Fluoride - tap water, toothpaste,

Bromide - white flour

Iodide - sea salt, kelp, fish.

The first 3 displace iodide so that is why everyone is deficient in iodide/iodine and everyone has a thyroid problem and everyone has a potassium problem.

.Thank you Kevin!

Potassium. Potassium does come up for nearly everyone. Many of the people we see are deficient in potassium and magnesium. All people with potassium deficiency are also deficient in magnesium. Potassium works on acetylcholine /parasympathetic. The perfect numbers on a blood test are in the range 4.5 - 4.7 M Eq/L or on the UK scale, mmo 1/L. Like magnesium, 99% inside the cells. Blood tests only test extra cellular serum, not intra cellular content. So we can guess the intra cellular potassium content by the serum potassium level.

Individuals with lipophilic toxicity normally exhibit chronic and severe potassium deficiency. Potassium salts comprise the majority of bile salts, which are essential for lipid digestion.

Potassium Deficiency Symptoms include:

Acne	Nervousness
Constipation	Poor reflexes
Depression	Muscle weakness
Edema	Confusion
Excessive water consumption	Irritability
Fatigue	Intestinal paralysis, which may lead to bloating, constipation, and abdominal pain.
Glucose intolerance	Fatigue
High cholesterol levels	Heart problems
Insomnia	Chronic diarrhea
Irregular heartbeat.	
Mental impairment	
Muscle weakness/cramps	

Low levels of potassium--known medically as hypokalemia (HI-poh-kah-LEE-me-uh) can be dangerous and potentially fatal. Among the many causes of hypokalemia are vomiting, diarrhea, and kidney disease.

Use of certain diuretics may cause loss of potassium also heavy sweating during exercise, and lack of sufficient potassium in your diet.

Potassium stores can become exhausted with too much protein consumption. The acid that is formed by meats and dairy products must be buffered before being eliminated through the kidneys – a process that can deplete the body's mineral reserves of sodium, potassium and calcium. The acid produced by the metabolism of fats and carbohydrates, - fruits & veg. is carbonic acid, this causes no drain on mineral reserves and is eliminated through the lungs

Potassium and magnesium keep the cells alkaline. When they are short, the cell becomes acidic because metabolic acid toxins cannot be neutralised, and then pathogenic microbes get in.*Mothers milk is about 1.5% protein, only about 5% of this is derived from the calories from their protein in their diet!*

Boron. Enhances the body's ability to use calcium, magnesium, as well as vitamin D.A boron deficiency accentuates Vit. D Deficiency. It also seems to assist in brain functioning and recognition. Boron seems to prevent calcium and magnesium from being lost in the urine and may help with decreasing menstrual pain by increasing the oestradiol level, which is a very active type of estrogen. People have also reported the reduction of arthritis symptoms with an intake of Boron. Boron is found in apples, carrots, grapes, leafy veg, nuts, pears, and grains.

Calcium Sources, Inhibitors, and Requirements

100-mg. (3%~ounce) edible portions

Foods	Calcium in Milligrams
Hijiki*	1
Wakame*	1
Kelp*	1
Kombu*	8
Brick cheese	6
Dried wheat grass or barley	5
Sardines	4
Agar-Agar*	4
Nori*	2
Almonds	2
Amaranth grain	2
Hazelnuts	2
Parsley	2
Turnip greens	1
Brazil nuts	1
Sunflower seeds	1
Watercress	1
Garbanzo beans	1
Quinoa	1
Black beans	1
Pistachios	1
Pinto beans	1
Kale	1
Spirulina	1
Yogurt	1
Milk	1
Collard greens	1
Sesame seeds	1
Chinese cabbage	1
Tofu	1
Walnuts	9
Okra	8
Salmon	7
Cottage cheese	6
Eggs	5
Brown rice	3
Bluefish	2
Halibut	1
Chicken	1
Ground beef	1
Mackerel	5

Calcium Inhibitors

1. Coffee, soft drinks, and diuretics
2. Excesses of protein, especially meat
3. Refined sugar or too much of any concentrated sweetener or sweet-flavored food
4. Alcohol, marijuana, cigarettes, and other intoxicants
5. Too little or too much exercise
6. Excess salt
7. The *Solanum* genus of vegetables-tomatoes in particular, but also potatoes, eggplant, and bell peppers contain the calcium inhibitor solanine.

Times of Increased Calcium Requirements

- During periods of growth:
 - in childhood and adolescence
 - during pregnancy and lactation
 - during rapid mental/spiritual growth
- With age:
 - older people assimilate less calcium
 - women especially hav~ greater needs after menopause
- In the presence of:
 - heart and vascular disease, including hypertension (high blood pressure)
 - bone disorders, including bone deterioration, easily fractured bones, arthritis, and tooth-and-gum problems including pyorrhea
 - most nervous system disorders

*These sea vegetables are now available in most whole-food stores. In this chart, their calcium content is based on dried samples. (To prepare, see "Seaweeds" in the recipe section.)
Healing with whole foods. Paul Pitchford.

There are many types of calcium depending on the orbital. Calcium dolomite/carbonate is very low in energy it over calcifies like bone spurs The best is an organic calcium, calcium lactate...the milk components have been taken out...egg shell calcium is a good calcium.. Oyster shell is not good.

Cellular Electricity.

Where the electrics come in... All living creatures emit electric fields from their bodies.

We are constantly being bombarded and saturated with electromagnetic radiation from television, radio transmitters, electricity pylons, high voltage electric cables, electricity substations, mobile phones, computers, fax machines, industrial machines, military installations, methods of transport, electrical appliances. Also metallic objects, such as water pipes, gas pipes, electrical circuits, telephone lines, keys, rings, watches, jewellery, metal fillings, springs in mattresses (where we spend at least one third of our lives!): These all act as antennae collecting and radiating disorientating energy waves, these can alter the natural polarities of our bio-physical body. The effect of this new, unseen and unfelt danger to our bioelectric and biological bodies is what is called 'electromagnetic stress', EMS – and largely Perverse Energy.

Everything in life, including toxins, chemicals and viruses have their own energy fields, which in turn can also disturb our energy fields and are capable of changing stored information and thereby affect our genetic coding, DNA.

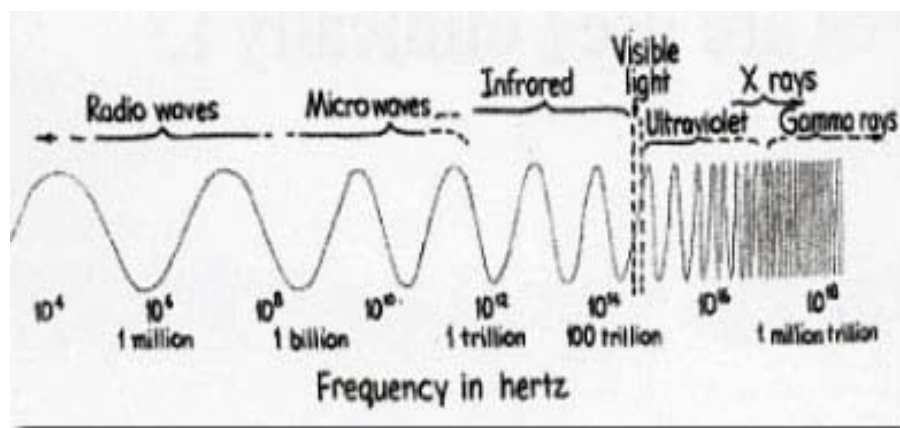
Any flowing electrical current produces a magnetic field in the space around it. The stronger the current the bigger the magnetic field. If an electrical current is fluctuating, flowing or pulsating then the magnetic field will do the same. The electromagnetic field extends to the end of the universe - decreasing in strength. The speed at which it moves is the same as the speed of light. Approx. 186,000 miles per second. It has a wave motion. *Because it is fluctuating at a certain frequency.* The electromagnetic spectrum can be expressed in terms of energy, wavelength, or frequency. Frequency is measured in cycles per second (which is called a Hertz), wavelength is measured in meters, and energy is measured in electron volts. We, Hs, have a broad spectrum from below 10 to over 10^{15} Hertz.. A second is equivalent to a hertz, therefore 1 fluctuation per second is known as a field of 1Hz frequency etc.... Heinrich Hertz first studied this phenomenon.

E.G: 1- Hz frequency has a wavelength of millions of miles.

A 1 million – Hz frequency (1 megahertz – 1 MHz) has a wave length of several hundred feet.

A 100 million-Hz frequency (100 MHz) has a wave length of about 6 feet.

All the possible frequencies of electromagnetic waves or fields can be seen on an electromagnetic spectrum.....Accordingly sunlight & electrical lights are the same thing as the magnetic field.. It is produced by the movement of electrons and has the same characteristics as the earth's magnetic field, radio waves and X rays.



Electromagnetic Spectrum. The Electromagnetic spectrum can be described in terms of a stream of photons, which are mass less particles(that no one has ever seen!) each travelling in a wave-like pattern and moving at the speed of light. It is these photons that carry and are thought to mediate Quantum Energy. This energy is needed by the electron. The photon is the energy giver to the electron. If the electron was not given energy by the photon it would not have any. All electromagnetic radiation consists of these photons. The only difference between the various types of electromagnetic radiation is the amount of energy found in the photons. Radio waves have photons with low energies, microwaves have a little more energy than radio waves, infrared has still more, then visible, ultraviolet, X-rays, and ... the most energetic of all ... gamma-rays.

Very high levels of electromagnetic energy, such as is found in X-rays and gamma rays can ionize biological tissues. Ionization is a process where electrons are stripped away from their normal locations in atoms and molecules. It can permanently damage biological tissues including DNA, the genetic material. Ionization only occurs with very high levels of electromagnetic energy such as X-rays and gamma rays. Often the term radiation is used when discussing ionizing radiation (such as that associated with nuclear power plants).

The energy levels associated with radiofrequency energy, including both radio waves and microwaves, are not great enough to cause the ionization of atoms and molecules. Therefore, RF energy is a type of non-ionizing radiation. Other types of non-ionizing radiation include visible light, infrared radiation (heat) and other forms of electromagnetic radiation with relatively low frequencies.

Quoting Fritz Popp.....*“ The cells of living organisms can store and emit light (photons), and this light controls vital processes. If this mechanism does not function correctly, the organism is diseased.”*

Paul Schmidt has divided the definition of Electro- Magnetic into 5 sections:

1. Alternating Electric fields

When we put a plug into a socket, an alternating electric field is automatically generated, even if there is not any electricity flowing/whether the plug or object is switched on/off.

2. Alternating magnetic fields

AMF's are always generated when power is flowing. E.g. when your bedside lamp is plugged in but switched off, it is producing an alternating electric field. As soon as the lamp is turned on, an alternating magnetic field is also produced.

Keep unwanted electrical items turned off! - Degenerative processes, cancer growth, unsteady blood pressure, behaviour, migraine, over activity and sleeping problems may all be related to electro sensitivity.

3.Static Continuous Electric fields.

This is when one receives an electric shock! Usually from manmade synthetic articles. Static Continuous Electric fields have no frequencies (sometimes called static electricity) Get eye glasses with anti static coating!....Low air humidity can lead to higher static electricity/larger Continuous Electric fields. This could lead to increased dust etc >respiratory disease/infection.

4. Static Continuous magnetic fields

The earth has a harmonious magnetic field. Metals welded together can distort this field E.g. Inner sprung bed mattresses

5. High Frequency Electromagnetic waves

High frequencies cause electric and magnetic waves to mingle, hence the term Electro-magnetic waves. They have a wireless transmission through the air- they can be transmitted and received any where. I.e. car radio, mobile phone, microwave ovens,

remote controls, radio & satellite stations etc. They are tested by their thermal effects on how they heat things up! It is found these effects can be linked to physical, emotional and mental disturbances –EEG, blood brain barrier, genetic, hormonal, degenerative and visual.

“In sum, “says Robert Becker “ magnetic and electromagnetic fields have energy, can carry information, and are produced by electrical currents. When we talk about electrical currents flowing in living organisms, we also imply that they are producing magnetic fields that extend outside the body and can be influenced by external magnetic fields as well.”

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Scary things! The car manufacturer VW warn their customers not to use mobile phones inside the vehicle, concerned that the metal cage of the vehicle can amplify the EMFs’ emitted by the ‘phone, to even higher, and therefore potentially more dangerous levels.....

A draft report on EMF exposure guidelines for extremely low frequency electrical and magnetic fields by the US National Council in Radiation Protectionwrote: “ Disturbance of the normal melatonin rhythm is associated with altered oestrogen receptor formation in the breasts, a line of experimental evidence now under study for possible links between ELF field (extremely low field) exposure and human breast cancer. Further, melatonin has general properties as a free radical scavenger, with the possibility of a preventative role in oxidative stress, recognised as a basic factor in a broad spectrum of human degenerative disorders, including coronary artery disease, Parkinson’s and Alzheimer’s diseases, and ageing. Dr Patricia Coogan also found that exposure to low level electromagnetic fields has been associated with a reduction in the production of the hormone melatonin

Melatonin is produced by the pineal gland at night. At night the body cleans repairs and detoxifies itself. If it is exposed to electromagnetic stress at this time, in fact any stress, then our bodies produce water clustering which inhibits the cell’s natural detoxifying and repairing actions and intra and extra cellular activity (e.g. electrolyte exchange). Melatonin has approx. 256 different forms... ..melatonin is about rhythms and control, and is connected to the moon cycles..

In key areas of bio-electromagnetic research on humans, findings are sufficiently consistent to suggest plausible connections between ELF / EMF exposures and disruption of normal biological processes:

- childhood and adult cancer, including leukaemia and brain cancer.
- teratological effects and other reproductive anomalies.
- neuroendocrine and autonomic responses.
- neurochemical, physiological, behavioural responses with implications for development of the nervous system.

And from laboratory studies it is noted that EMF’s:

- affect cell growth regulation.... consistent with tumour formation
- increase tumour incidence
- alter gene transcriptional processes, the natural defence response of T-Lymphocytes and other cellular processes related to the development and control of cancers
- affect neuroendocrine and psychosexual responses.

The Basis of Cellular Power

The cellular membrane is regarded as chemical and electrical. The pH is vital in maintaining the functions of cells, it creates the voltage, or electricity which is the power source for the many essential functions in the cellular membrane. Including enzymes, these are heavily affected by changes in pH, Outside the small optimum range, enzymes can denature and cease to catalyse vital reactions. This power supply is the essential basis for many processes including: hormone regulation, anabolic energy production, and ionic cellular respiration.

Our bodies cannot undertake the required chemical reactions and processes fast enough to sustain life without the important support of enzymes. Quoting Dr Fritz Popp “ Enzymes are regulated by the electromagnetic radiation, the electromagnetic couplings of the system. This radiation, which we can measure, is the regulator, the activator of all biochemical functions.”

Enzyme Definitions.

HCl, hydrochloric acid, is essential for the breakdown of protein process. It straightens out the curly protein molecules in our food! It converts the enzyme pepsinogen into its active form the enzyme pepsin, which is necessary to break down proteins into peptides. 56% of digested protein is turned in to glucose on demand...the brain needs glucose!

Pancreatin is solely produced in the pancreas.

Secretin is a digestive hormone. - it is secreted by the duodenum. It stimulates the production of large quantities of alkaline juices to neutralize the acidic gastric secretion, meaning the production of HCl and pepsinogen. It also stimulates the ejection of bile by the gall bladder.

Bicarb. should be naturally produced by the mucosa of the intestines. It is there to provide a more alkaline environment. This is essential for the pancreatic enzymes to work in.

Lipase is water based so can not break down large globules of fat, hence why we need our gall bladders to release bile to emulsify the fats, thereby turning them into smaller components for the lipase to work on.

Protease. Proteases are produced by the pancreas to further break down proteins,

Amylase- breaks down carbohydrates

Oxidation – Reduction enzymes are vital for the release of energy for all physiological work and muscular contraction,

Bile Production. The gall bladder releases bile into the small intestine, the duodenum, in order to emulsify / break down fat. Bile is actually made in the liver and consists mainly of cholesterol, lecithin and inorganic salts.

Hydrolyzing enzymes include all the named enzymes here plus other digestive enzymes e.g. sucrase, maltase etc.

De- Carboxylase. Breathing, These enzymes add or remove carbon dioxide.

Mutase- Isomer. Transmutation. These enzymes rearrange atoms within a molecule.

Hydrolases. Hydrolysis is a catabolic reaction that adds water, to break down large molecules into smaller molecules. All digestive enzymes are classed as hydrolases.

Quoting Kohler and Popp: “ The stability of the body’s structure and cell functions is only maintained by the fact it obeys rhythmic immaterial control processes. This control is brought about firstly by the photon emissions of DNA and secondly by the rhythmic oscillations of our environment which act upon us. All vital processes in the body proceed logarithmically and are subject to rhythmic fluctuations. These biorhythms in particular decide on well being, feelings of ill health or physical disorders”

DNA. Quoting Dr Fritz Popp: “DNA is our genetic code of life, it is how we reproduce and replicate cells. Our DNA can be distorted and trigger disease. Light in the DNA is coherent in health DNA is the information centre of the cell, and this light consequently appears to emerge from the DNA and pass on the communication of the DNA to the cell association and therefore to control the cell association through the information in the light. The vital thread of DNA can be damaged in many different ways, UV radiation, ionising radiation, emf and electrical radiation and by a vast number of toxic and chemical substances and processes. Their destructive effects can cause part of the DNA to be torn out, or incorrectly inserted and its strands can be broken apart and destroyed Our body employs the appropriate repair depending on the damage, and we can carry on living, ideally. When our body is constantly exposed to these destructive effects it has to work harder and sometimes it just cannot cope with the ever-increasing amounts of destructive energy thrown at it.”

Quoting Dr. B. *Kohler*..: “ This type of environmental pollution which can be classed as more harmful than exposure to pollutant substances, is certainly a major reason why acute disorders are relatively rare nowadays, or why for example common cold infections no longer follows the typical course with high temperatures, sweating etc., but take a more or less chronic course. This is clearly supported by the increase in chronic disorder in recent years. The first step in a truly natural and biologically tuned therapy must therefore be to restore the rhythms of the organism and synchronise and readapt to a normal, undisturbed control programme”

Earth’s Schumman Waves. The Earth’s Schumman Waves resonate at the same frequency as our hippocampus. The hippocampus is part of the limbic system, which functions in the emotional aspects of behaviour related to survival, and memory. Interference of these natural earth energy fields may affect memory stores and our ability to survive. Interestingly NASA built Schumman wave generators into their space craft to keep their astronauts physically and psychologically sound -

A resonant cavity is formed between the ionosphere and the earth. Energy from various sources may excite this natural resonator to ring at about 8 Hz. The Schumann Resonances are actually observed by experiment to occur at several frequencies between 6 and 50 cycles per second, specifically 7.8, 14, 20, 26, 33, 39 and 45 Hertz, with a daily variation of about +/- 0.5 Hertz.

7.83 is the strongest of the seven resonance’s.

The intensity of the Schumann resonance is, however, not constant, and appears to be extremely dependent upon tropical- global temperature. Indeed preliminary results seem to indicate that a mere one degree increase in temperature seems to be correlated with a doubling of the Schumann resonance.

Scalar waves. Scalar energy is different from standard Hz electromagnetic fields. Scalar waves were documented by Nicola Tesla, and then Albert Einstein discovered the practical application of the scalar wave. Einstein proposed the theory and proved mathematically that time and space are relative – that scalar waves are non-linear, not electromagnetic, and exist in five-dimensional space/time, a dimension where there is no time or space. That means scalar waves do not decay with time or distance. These non-linear waves propagate throughout the body via the crystalline lattices of the elaborate collagen network comprising of extra-cellular space.

Proof of the healing powers of longitudinal waves from the vacuum is seen in the work of Antoine Priore who produced longitudinal scalar waves using a gigantic glass tube filled with plasma. He himself did not understand why it worked or how it cured cancer in animals. "The Priore team cured terminal tumors, trypanosomias, and other dread diseases in laboratory animals in France, in the 1960s and 1970s, under rigorous scientific protocols by eminent scientists. The Priore project was funded by the French Government to the tune of several millions of dollars ". . . Prioré's machines concretely demonstrated a nearly 100% cure of all kinds of terminal cancers and leukemias, in thousands of rigorous laboratory tests with animals. These results were shown to medical scientists as early as 1960."

Bearden postulated that how this could work could be that the longitudinal EM waves can have a healing effect because they always come in pairs called "phase conjugate pairs" and one of the pair is time-reversed. This enables engineering of the waves to "pump" the cells of the body (with waves from the time domain) and actually time-reverse the cells back to a previous healthy condition. The scalar cure of cancer does not involve killing the cancer cells but rather pumping them with time energy into a previous condition.

"The medical implications are enormous. By just reversing the damaged cells back to a previous physical state, this gives a physics mechanism for controlled cellular dedifferentiation, in biology terms. Physicians will time-reverse diseased, damaged or aged cells back to an earlier healthy condition, including all the cellular genetics. Normal cells are just reversed to a slightly younger condition." "We believe this mechanism explains the revolutionary but baffling electromagnetic cures achieved by a team of outstanding French scientists in the 1960s and early 70s, working with inventor Antoine Prioré. In lab animals, cures were achieved for terminal tumors, infectious diseases such as trypanosomiasis, and atherosclerosis. In addition, deliberately suppressed immune systems were dramatically restored

Bearden hypothesizes that this is the long-sought mechanism of how the living body heals itself. In short, the body's cellular control system induces cellular reversal by weak time-domain pumping of the damaged cells and the affected area. The cellular regeneration system performs all healing of cellular damage in the body; the immune system heals nothing, not even its own damaged cells.

"For the first time medical science can develop as a science of healing rather than a science of intervention. And it will develop as a science of unlimited healing, since no pathogen can resist action by curved spacetime engines.

Research has suggested that Scaler Energy may:

- Eliminate the effects of man made frequencies (60 cps) in the body.
- Increase the energy level of every single cell in the body to the ideal 70-90- millivolt range.
- Increase the energy covalent level of every single hydrogen atom in the body as verified by spectrographs. Covalent hydrogen bonds are what hold your DNA together.
- Increase overall body energy levels as a result of increasing cellular energy for trillions of cells.
- Cleanse the blood, improving chylomicron level (protein/fat particles floating in the blood) and triglyceride profiles and fibrin patterns.
- Improve immune function by as much as 149% as proven in laboratory studies.
- Improve mental focus as demonstrated by increased amplitude of EEG frequencies.
- Balance out the two hemispheres of the brain, again as measured by EEG tests.
- Work as an antidepressant since it inhibits the uptake of non-adrenaline by PC12 nerve cells.

- Cancer cells are, almost without exception, low voltage cells. The optimum cell voltage for most cells in the body is in the 70-90 millivolt range. Cancer cells are almost exclusively in the 15-20 millivolt range.

Quoting Dr. Hulda Clark "Disease is a change in the arrangement and number of electrons in the molecules which results in a change in the molecular structure of the cell and later becomes visible as a change in individual cells under the microscope" She has identified frequency vibrations for most common bacteria including pathogens and viruses. A Cure for All Diseases:

www.electroherbalism.com

Assimilating Repair...What we can do....

"The SCIO produces an alternative wave to cancel out these frequencies"...Professor Nelson.

Assure that the metabolic systems are working well enough to enable cellular regeneration. The suggested major systems necessary for this:

1. Detoxification Pathways – Liver & Gut;
2. Pathogen Reduction – Immune System;
3. Nutrient Absorption – Digestive System
4. Respiration – lungs, diaphragm and upper respiratory tract
5. Cellular Metabolism – *Metabolism refers to all the chemical processes that go on in the body. Metabolism is the product of Catabolism and Anabolism. Catabolism is the break down of carbohydrate, fats, proteins and waste products such as dead cells and tissues for energy. Anabolism is the building up, so that food metabolites can be adapted and stored as energy, or used for growth, reproduction and defence.*

1. The Liver.

The liver is the master control for the makeup of the body's cells. About 80% of everything you eat goes directly to the liver. It is the portal vein that collects the food from the intestines and takes it to the liver. The liver cells produce bile, about 1 litre of daily..

Bile is made of bicarbonate, *recycled fats plus bilirubin, and its constitutes*. Bile salts are heavily alkaline materials and neutralizes acid produced by the stomach. Fat consumption triggers the liver and gall bladder to spasm, pushing bile into the duodenum, to neutralize the acidified food leaving the stomach, so that the enzymes can do their job. Eating fat causes your liver to release bile, to dissolve/break up the fat that you ate. Long term electrical dysfunction disables fat digestion, which in turn damages the fat soluble nutrient absorption... Vit A, D, E and K....

Bile is the main exit path for the cell membrane toxins - Damaged membrane materials-fats return to the liver and are turned into bile

Toxins that damage membrane performance tend to accumulate in fat.

Bile salts are not destroyed after use, 80-90% are recycled back to the liver.

2. The Autoimmune System.

The autoimmune system protects the body from invasion, and keeps friendly organisms under control. The autoimmune system uses an army of invader sensing capabilities. It responds to invading pathogens, virus or overgrowth of symbiotic organisms, cells,

bacteria, yeast, and fungi, using many different, and barely understood sensing mechanisms.

Various forms of white blood cells, lymphocytes, patrol the body continuously looking for imbalanced cells or organisms. The smaller immune patrol lymphocytes are the B-Cells & T-Cells, and the larger ones are the Natural Killer Cells, these are the ones that maintain constant guard for invading or overgrown opportunistic organisms.

. Tumor Necrosis Factor Alpha is a member of the TNF family of cytokines, they tag cells for destruction by the immune system.

Cytokines are a category of signalling proteins and glycoproteins, that are used extensively in cell communication. They are often secreted by immune cells that have encountered a pathogen, thereby activating and recruiting further immune cells to increase the system's response to the pathogen

TNF-Alpha are a special class of proteins called transmembrane proteins.

Transmembrane proteins span the width of the cell membrane. The transmembrane protein and transmembrane potential share the membrane dimension. TNF was named after its main role, triggering death of cancer cells because of low cell membrane voltage. Healthy cells exist with a transmembrane potential of about 70 mV. Cancer cells have a membrane potential from 15-30 mV. When cells membrane integrity deteriorates to a level near or below the TNF activation, the autoimmune targeting of seemingly healthy cells occurs, resulting in various autoimmune diseases. Tissues targeted by autoimmune diseases tend to share relatively low levels of oxygenation.

- Individuals with autoimmune diagnosis tend to have potassium deficiency;
- Symptoms are eased by factors that suppress TNF.

TNF autoimmune triggering targets electrically weak cells. Electrically weak cells result from deficiency in cellular power.

Perhaps the TNF triggers apoptosis, cell death, when a cell membrane voltage drops below a trigger threshold. TNF may therefore be a defense mechanism against diseases which result from cells which cannot maintain membrane power?

The Pathogenic Connection

- Pathogens are any biological entity which creates toxins that interfere with cell membrane performance.
- Most pathogens produce toxins which damage cell membranes and therefore inhibit membrane power, indirectly disrupting cellular glucose regulation by decreasing insulin receptor sensitivity;
- Some pathogens create hormonal imbalances which cause a stress response which may increase serum glucose, converting progesterone into pregnenolone, indirectly causing release of adrenaline, which triggers over-conversion of glucagon to glucose by the liver.
- Most of these organisms have one thing in common. Sugar is food. In the case of yeast, mold fungi, the organism directly consumes sugar. In the case of viruses, sugar is food for hijacked cells.
- Viruses are very small entities which enter the cell membrane to take over the cell machinery, and convert the cell into a virus factory. Viruses are encased in a capsid. The capsid structure enables a virus to enter a cell by mimicking a normal metabolite.

3. Digestive competence.

- Healthy digestion requires very strong stomach acid;
- Healthy digestion requires very strong bile;
- High doses of supplemental pancreatic enzymes - natural enzymes which digest pathogens, reducing population and converting pathogen mass into usable nutrients. This approach reduces the tendency for hyper-toxicity.
- Frequent successful elimination.
- Established Bowel Flora

4. Respiration

- Oxygen is the master antioxidant.
- Oxygen is the master metabolite for healthy metabolism.
- The age-related and cumulative tendency for cellular dysfunctions is largely driven by degenerate oxygen metabolism.
- Oxygen is toxic to anaerobic pathogens, bacteria, yeast and fungus;
- Damaged cell respiration causes fermentation, resulting in low pH (acidity) at the cellular level.
- Degenerative disease - cancer can be caused by weakened cell respiration due to lack of oxygen at the cellular level. Cancer can not survive in an oxygen atmosphere - when a cell loses 35% of its oxygen it will become cancerous.

In a lab you can take a healthy cell subtract 35% oxygen and it becomes cancerous, when you add more oxygen back in than you took out the cancer cell dies. "The Cause and Prevention of Cancer", Dr. Otto Warburg received the Nobel Prize in medicine in 1933.

Hypo - Hyper?

Hormonal regulation dysfunction suggests possible compromised membrane performance. Hormone receptors are cell membrane structures, this therefore suggests that when the cell membrane performance declines, hormone sensitivity may be disrupted.

Lab tests are generally for a circulating hyper or hypo hormone concentration. The focus is on a gland who is talking to cells, but it is the cells that cannot hear, and cannot respond. Restoring systemic cellular performance is essential to re-establishing hormone sensitivity. Hormone glands start shouting when cells aren't listening.

Sugar Regulation

Carbohydrates are broken down by the digestive system into glucose and absorbed into the blood stream. This process causes a rise in blood sugar levels. If the blood sugar rises above a certain level, the pancreas will release insulin to keep it at a healthy level in the blood. The Insulin first converts the glucose into a type of syrup called glycogen. This is stored in the liver and acts as an energy reserve that can be quickly converted back to glucose if required. The liver can only store a certain amount. If there is any excess glycogen it is metabolised by the insulin and stored in adipose tissue as fat. Fats can also be absorbed and stored in adipose tissue but only when they are absorbed in the presence of insulin. It is when fats are combined with "simple" carbohydrates that raise ones blood sugar levels to the point when insulin is released, that one can get fat. Eating fat does not make you fat!

Nelson Medicine.

1) Find, Reduce and Remove the Causes of Disease.

Stress reactions, lack of awareness, heredity, Mental factors, allergies, trauma, perverse energy, smoking, toxins are involved with everybody, pathogens, perverse energy, Def. or Excess nutrients. Bad posture. Too much heat in the food. *nutrition/diet, pathogens, lifestyle,*

2) Rebuild and give therapy to the organs that have been effected or are diseased...rebuild the organs of involvement/exhaustion..

It takes 7 years to rebuild the eye. 65% of the body is exchanged over 6 weeks. The whole body is exchanged totally over 7 years! *use sarcodes*

3) Unblock the blockages to the flow of life. Stimulate the flow of energy. Get the flow back to normal and the body will restore itself. This is what the SCIO does best. This is a problem and may be the simplest thing. *Maybe chiropractor, osteopathy. Electro-acupuncture.*

4) Reduce and Deal with the symptoms and all suffering naturally ...naturally.

5) Deal with Metabolic and Constitutional Tendencies to disease patterns or habits.

Treat the person not the disease.

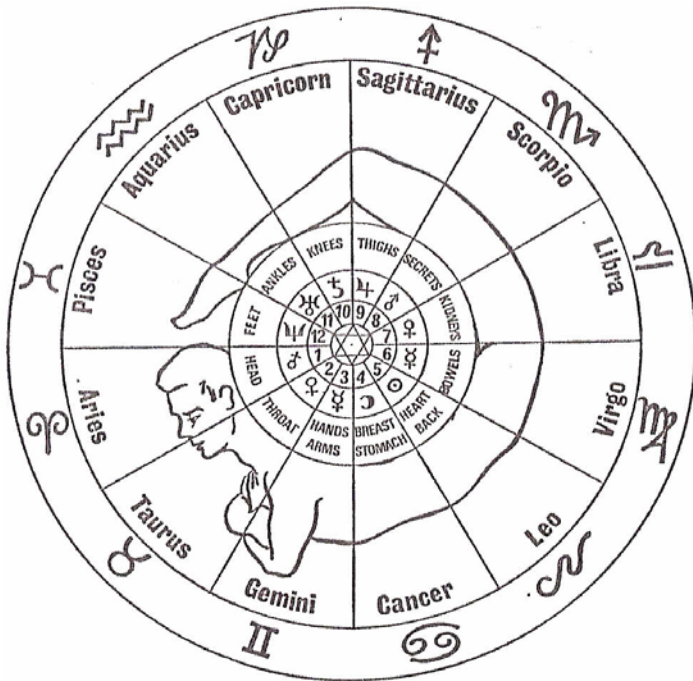
Diet and Lifestyle

- The diet is based on whole foods, organic whenever possible. It should be free from refined foods, packaged and tinned sugar, stimulants, coffee, alcohol, canned drinks, added salt, hydrogenated and rancid fats, fried foods, preservatives and additives, hot and spicy food. Safe seasoning could include turmeric, ginger, cumin, coriander and garam marsala.
- Have at least three whole-food meals a day, with a big breakfast and small frequent snacks containing protein and oils.
- Avoid smoked, salted, cured fish. Oily fish i.e. mackerel, herring, salmon, sardines, are invaluable.
- Always use unsulphured dried fruit if allowed.
- Recognition of food/substance sensitivity to enable elimination from lifestyle
- The diet must be high in EFA's. If there are not enough fats in the diet, the body uses stored fats- adipose tissue. Toxins are stored in adipose tissue. The bodies elimination systems might not be working well enough to cope with this release. The result would then be that the toxins get stored deeper in the body effecting the pathways of the mitochondrial energy.
- Accelerate recovery with vitamins and minerals
- Aquazon - Bluegreen algae. Increases Energy, Promote Mental Clarity, Improve Metabolic Function. It has a high concentration of sulphur amino acids and Essential fatty acids in their raw life state . Bluegreen algae is resilient to radioactive damage, you can hit bluegreen algae with a radioactive dosage that would kill you, but the algae will completely recover in two and a half hours
- Use Earthing Techniques.
- Hematite.
- Enjoy, sensibly sunlight, it not only reacts with cholesterol to produce vitamin D, but photons of sunlight (and starlight) are captured by the cells when the cellular membrane is functioning correctly.
- Drink filtered, energized water. Dilute fruit juices.
- Stop the stimulants! Caffeine, alcohol, sugar, processed foods, cigarettes etc.
- Primarily use glass or ceramic containers - not plastic or Styrofoam.
- Minimize exposure to chemicals, use chemical-free, natural products
- Allow time to listen to yourself.
- Adequate exercise. Take walks, ride bikes, practice yoga, tai-chi, qigong, and/or stretch daily. Exercise to move your metabolism and lymph.
- Breathe slow and deep. Surround yourself with nature as often as possible.
- Avoid/minimize exposure to bright and fluorescent lit areas.
- Increase melatonin naturally by sleeping in the dark.
- Metals attract EMR: keep them away from, and off the body.
- Minimise all exposure and usage of wireless communication: cell phones, cordless phones and WiFi devices. Replace all cordless and WiFi items with wired, corded lines.
- Keep a low-EMR home, and personal zone. 6 feet is the recommended distance from all electronic devices during sleep. Avoid waterbeds, electric and metal frames. Do not wear your mobile phone!
- Relax and eat in stress free situations, e.g. candlelight, sitting down, let the phone ring!
- Walk your talk: Nurture creativity, develop intuition, use imagination.
- Pay attention to dreams- make them a reality.
- And finally de-stress, laugh, have fun, love yourself, enjoy your beauty. Don't be the victim and always stay positive.

- We are human beings, not human doings.
- Where is your focus on money or on Spirit? - On the goals you want or on the Spirit that brings them.
- What ever we do, we are doing it to be happy. Happiness is our goal in all exploits.
- What created the outer is our inner. The outer is simply the illusion.
- Consciousness is cause.
- Fear is wrongly directed faith.
- The hardest concept for most people to grasp is that they are the sole reason they are experiencing what ever they have in their lives. We are totally responsible.
- We create all of it and what we see is an out picture of what we believe inside ourselves. We create all our moments/experiences for our own reasons. The world is a mirror of us.
- We must become aware of our own inner power so that we can consciously create circumstances.

The Attractor Factor. Joe Vitale.

Astro - Biochemic Health Chart



“THE end of the physician’s employment in ye case of ye patient that he may accomplish this with more certainty and facility, astrology is very necessary as the handmaid to attend his and other physical sciences. First to ye knowledge of what part the disease is in and which cause it comes you are to remember what parts of man’s body are signified by ye twelve houses and signs of heaven, by ye planetts and ye position of ye planetts which use the significators in any of the houses and signs.”

(Anon)

The Medicine of the Stars . Vana Sawtell

ZODIAC SIGN	BIRTH DATE	BIRTH SALT
Aries	21 March to 20 April	Kali Phos. <i>Potassium Phosphate</i>
Taurus	21 April to 20 May	Nat. Sulph. <i>Sodium Sulphate</i>
Gemini	21 May to 20 June	Kali Mur <i>Potassium Chloride</i>
Cancer	21 June to 22 July	Calc. Fluor. <i>Calcium Fluoride</i>
Leo	23 July to 22 August	Mag. Phos. <i>Magnesium Phosphate</i>
Virgo	23 August to 22 September	Kali Sulph. <i>Potassium Sulphate</i>
Libra	23 September to 22 October	Nat. Phos. <i>Sodium Phosphate</i>
Scorpio	23 October to 21 November	Calc. Sulph. <i>Calcium Sulphate</i>
Sagittarius	22 November to 20 December	Silica <i>Silicic Oxide</i>
Capricorn	21 December to 20 January	Calc. Phos. <i>Calcium Phosphate</i>
Aquarius	21 January to 19 February	Nat. Mur. <i>Sodium Chloride</i>
Pisces	20 February to 20 March	Ferrum. Phos. <i>Iron Phosphate</i>

“THE Lord created medicines out of the earth and a wise man will not abhor them. “

Ecclesiastes