This book contains provocative material not for children or the sexually immature.
Introduction

This Book is designed for the SCIO therapist to have a simple introduction to the workings of the SCIO. Some basic questions and a simple explanation of the electrical factors of the overall body electric as measured and treated by the SCIO therapist. The electronics is simplified but still is difficult for some. Stay with the logic take your questions to the next seminar and relax as you go into the new world of energetic medicine. Relax because the system is designed with several safeguards to make sure there is insignificant risk for the patient.

There is extensive and comprehensive research on every topic covered in this book. There are not enough pages in a library to cover such detail. This book is a summary of the basic factors of the body eclectic. Like a TV manual that discusses the basics but does not share the vast details of science behind each aspect.

Safety Criterions

1. There is no risk of electrocution or anything like it if you use it on a battery operated computer or have a medical surge protector on your computer.
2. There is a opto-coupler in the system that converts the impulses to light and thus protects the patient from a major surge of electricity, (such as a lightning strike on the house current.
3. Do not apply the metal bits on the harness to the skin. The rubber straps on limbs and rubber contacts on the head are made of a graphite impregnated rubber so the rubber is highly electro-conductive.
4. The system operates at very low volts and amps. It takes 3 amps to fatally hurt someone. An expensive deluxe car battery puts out 3 amps. A cheap car battery 2 amps. But the SCIO system operates at a maximum of 10 milliamps (10 one thousandths of an amp, insignificant risk by medical definition).
5. The system interfaces with the patient at the same volts and amps their body operates during the session. Thus our idea is that if we interface with the body at the natural level, we can best interface in a natural way. So most people can not feel the interface because it is at a natural level. The other systems you can feel are operating at unnatural levels and are out of our philosophy. In our system of measures, The normal person has .7 to 1.5 volts and 1 milliamp to 5 milliamps. The system can be set to have a higher level at 4 volts max, 10 milliamps max. this is always safe but can be used to measure feeling thresholds and other techniques for advanced therapists.
6. There is an alarm detection system if the patient reacts adversely in multiple areas this is an alarm response. The system shuts it's self down or reduces output.
7. A trained therapist is necessary. We only sell to those with the training of how to use it. A properly trained therapist should be there to help and observe any problems. Emergency help is accessible.
8. Every patient is seen with a medical referral so that a medical doctor or some licensed health care professional is in the loop with all patients.
Dangers or Warnings are

1. The electrical interface has a very high improbability (one in 30 billion) of shutting off a pacemaker or other medical implanted regulatory medical device. But because there is a chance we recommend not using the electrical connection with such patients.

2. A mental patient such as a paranoid schizoid might be fearful of the harness. If the patient has had the tremendous trauma of electroshock applied to the brain, the memory of a harness coming at the head might be too much to handle.

3. Vaso-vagal stimulation. The vagus nerve of the body is the largest nerve. It comes out of the scull and regulates the balance of the autonomic nervous system. This is the balance of the sympathetic (action, stress, fight flight, doing system) and the parasympathetic (digestive, immune, passive relaxation system). Most of our patients are over active stress sympathetic driven. When the SCIO system tries to balance the system there can be a vaso-vagal reaction. A impulse in the vagus nerve can cause, dizziness, vertigo, disorientation, sweating, or even extremes of twitching and syncope (passing out). The therapist must be aware of the possibility though rare and be prepared to act.

What to do

First have the patient relax and sit down comfortably. Tell them to be still not stiff. Keep an eye on them at least every 10 min. If there is fainting the vagus nerve can be stabilized with

1. Cold water on the face,
2. Slight pressure to the eye lids,
3. The carotid sinus tap,
4. Calm regular semi deep breaths, control breathing to control anxiety. This is important to learn and remember. Anxiety is a lack of control and accelerated breathing. Controlling breath is essential in anxiety. The alternate nostril breathing technique is one of the best ways to help balance the brain, stabilize emotions, compose moods, control confusion and a host of psych afflictions.
5. Touch the spot just above the rectum. Acupuncture point REN 1 (governing vessel 1). Be careful with this point most people will not understand using it. See picture 1 in appendix.
6. Emergency points in acupuncture. These points on the conception vessel are excellent and can be used to revive a patient or to help stabilize them. Apply pressure with your first finger knuckle to the point on the outside of the upper lip and press hard enough to stimulate the point under the lip above the teeth. If this does not revive the patient suspect drug overdose or something extreme, call emergency services, 911 in the USA, or 999 in Europe.
Conventional biofeedback systems using skin resistance all use stimulation of electricity. The Indigo is no different.
Some patients have a vaso-vagal reaction when her system tried to shift from sympathetic nervous dominance to a more relaxing para-sympathetic dominance. If this happens too fast there can be a vaso-vagal episode. I have been lecturing about the dangers of the vaso-vagal shift for years but no one seems to be listening to the problem.

A vasovagal episode or vasovagal response or vasovagal attack (also called neurocardiogenic syncope) is a malaise mediated by the vagus nerve. When it leads to syncope or “fainting”, it is called a vasovagal syncope, which is the most common type of fainting.

There are a number of different syncope syndromes which all fall under the umbrella of vasovagal syncope. The common element among these conditions is the central mechanism leading to loss of consciousness. The differences among them are in the factors that trigger this mechanism.

**Typical triggers for vasovagal episodes include:**

- Prolonged standing or upright sitting, particularly when standing with legs in a locked position for long periods of time—avoidance of long-term locking of one’s legs in the standing position is taught in the military as well as in marching bands and drill teams.
- Standing up very quickly
- Stress
- Any painful or unpleasant stimuli, such as:
  - Venepuncture
  - Experiencing intense pain
  - Experiencing medical procedures with local anesthesia
  - Giving or receiving a needle immunization
  - Watching someone give blood
  - Watching someone experience pain
  - Watching or experiencing medical procedures
  - Sight of blood
  - Occasions of slight discomfort, such as dental and eye examinations
  - Hyperthermia, a prolonged exposure to heat
  - High temperature, either in the environment or due to exercise
  - High pressure on or around the chest area after heavy exercise
  - Arousal or stimulants e.g. sex
  - Sudden onset of extreme emotions
  - Hunger
  - Nausea or vomiting
  - Dehydration
  - Urination (‘micturition syncope’) or defecation, having a bowel movement (‘defecation syncope’)
  - Abdominal straining or ‘bearing down’ trying to pass a large stool as in the Scrubs episode with JD
  - Swallowing (‘swallow syncope’) or coughing (‘cough syncope’)
  - Random onsets due to nerve malfunctions
  - Switching from sympathetic dominance(Adrenergic) to para-sympathetic (Cholinergic)
  - Pressing upon certain places on the throat, sinuses, anus, anal perium and eyes, also known as vagal reflex stimulation when performed clinically
  - Water colder than 10 Celsius (50° F), or ice that comes in contact with the face, that stimulates the mammalian diving reflex and can correct the episode
  - High altitude
  - Use of certain drugs that affect blood pressure, such as amphetamine
  - Intense laughter
Features
In people with vasovagal episodes, the episodes are typically recurrent, usually happening when the person is exposed to a specific trigger. The initial episode often occurs when the person is a teenager, then recurs in clusters throughout his or her life. Prior to losing consciousness, the individual frequently experiences a prodrome of symptoms such as lightheadedness, nausea, sweating, ringing in the ears (tinnitus), uncomfortable feeling in the heart, weakness and visual disturbances such as lights seeming too bright, fuzzy or tunnel vision. These last for at least a few seconds before consciousness is lost (if it is lost), which typically happens when the person is sitting up or standing. When sufferers pass out, they fall down (unless this is impeded); and when in this position, effective blood flow to the brain is immediately restored, allowing the person to wake up.

The autonomic nervous system’s physiologic state (see below) leading to loss of consciousness may persist for several minutes, so:
1. If sufferers try to sit or stand when they wake up, they may pass out again;
2. The person may be nauseated, pale, and sweaty for several minutes.
Vasovagal syncope is rarely life-threatening in itself, but is mostly associated with injuries from falling while having an episode.

| The Autonomic Nervous System has two parts Sympathetic for Stress (fight flight) also known as the Thoracic-Lumbar | CNS
| Autonomic Nervous System |
| Peripheral Nervous System |
| CNS (brain and spinal cord) |
| Parasympathetic nerves |
| Sympathetic nerves |
| PNS (motor and sensory nerves) |

Treatment
Treatment for vasovagal syncope focuses on avoidance of triggers, restoring blood flow to the brain during an impending episode, and measures that interrupt or prevent the pathophysiologic mechanism described above.

- The cornerstone of treatment is avoidance of triggers known to cause syncope in that person. However, new development in psychological research has shown that patients show great reductions in vasovagal syncope through exposure-based exercises with therapists.
- Because vasovagal syncope causes a decrease in blood pressure, relaxing the entire body as a mode of avoidance isn’t favorable. A patient can cross his/her legs and tighten leg muscles to
keep blood pressure from dropping so drastically before an injection.

- Before known triggering events, the patient may increase consumption of salt and fluids to increase blood volume. Sports and energy drinks may be particularly helpful.
- Discontinuation of medications known to lower blood pressure may be helpful, but stopping antihypertensive drugs can also be dangerous. This process should be managed by an expert.
- Patients should be educated on how to respond to further episodes of syncope, especially if they experience prodromal warning signs: they should lie down and raise their legs; or at least lower their head to increase blood flow to the brain. If the individual has lost consciousness, he or she should be laid down with his or her head turned to the side. Tight clothing should be loosened. If the inciting factor is known, it should be removed if possible (for instance, the cause of pain).
- Wearing graded compression stockings may be helpful.
- There are certain orthostatic training exercises which have been proven to improve symptoms in people with recurrent vaso-vagal syncope.

For our devices therapist must be warned to not use maximum settings for too long and stay at the safe calibrated levels. This will prohibit a vaso-vagal episode. Always ask if there is a history of vaso-vagal episodes most often fainting or cold sweats with heart palpitations. If so always use low calibrated settings. Do not try to push therapy after therapy on patients with such history. Please always watch a patient who is getting a therapy on electrical stimulation. Be prepared to respond. Respond by cold water on the face gently. Gentle pressure over the eyes with a cold rag. Push on the acupuncture emergency spot above their upper lip in the cleft under their nose. Lie the patient down but watch out if they stand up to fast. Reduce stress and wait for ten minutes it will most likely pass. Do not let them leave till they are better. Call 911 if they pass out for more than a min. have pain or vomiting. Report fainting spell. I was working in a doctor’s office where a woman passed out in the waiting room. She did not respond to the emergency acupuncture spot. The head doctor said for her to sleep it off. I went thru her hand bag and found sleeping pills. She was trying to commit suicide, but she did it in an office where they might save her. Most suicides do it where someone could save them. Luckily I was there to save her and called 911. She lived to tell the story.

Basic Electrical Science

The basic science of electricity comes from the ancient researchers who sought to understand the body electric. People like Volta an Italian who the volt is named after. Louis Ampere who gives us the name amperage. Galvani an Italian who studied the reaction of a frogs legs to current. We get galvanic resistance from him. Watt an Englishmen gave us the name for power, (volts time amps).

Ohm a German gave us a law of electricity and lends his name to resistance. His law was not really a law but a strong correlate. Volts equals Amps times Resistance. This is Ohm’s law. Changes in the volts, amps, resistance were found to indicate reactance. This is measured in Siemens after the German researcher who discovered the concept. As you can see there is only one real variable that can really be measured. The only real factor to measure is the flow of a current. So volts or amps is the only thing that can be truly measured. Every other measure is a mathematical
calculation or a virtual measure. We can count the changes in time of volts or amps and thus we get oscillations. Thus we can calculate frequency.

The essence is all about the charged particle. There are two basic types positive versus negative. The most common is an electron which is small and easily transferred. The wall current is a flow of negatively charged electrons. (All electron are negatively charged by definition), electrons are attracted to protons (positively charged particle) Like charges repel opposites attract. The flow is stimulated towards a positive charge at the other end or to a ground which is also an attractor of electrons. Other charged particle might be ions (imbalanced atoms or molecules that have negative or positive charges.) Very very few molecules an atoms are balanced. Life is the flow of energy mostly electrical as it flows in a cycle for metabolism and reproduction.

There are fields around these charges. The right hand rule of electricity states that when a charged particle moves there is a magnetic field made at 90 degrees, and a static field at 90 degrees. This is the trivector or three dimensionality of electricity. Everything has a trivector field around it and thru it that holds and comes from the components within. The body operates electrically. Nerves conduct charges. Thought is electrical at it’s base. The brain makes more wattage than a satellite. The heart is a electrical engine. Muscles are magnets that make attraction and or repelling. Digestion is an electrical process of a brush border stimulation of fiber for electrical dragging of nutrient across the intestinal wall. The hot electrons of glucose make the energy for the cell to use Krebs cycle for making ATP the basic energy compound. The 18 hot electrons in one glucose make 18 ATP in aerobic (oxygen presence) or 2 ATP in anaerobic (no oxygen). Oxygen in air coming into our lungs is a free radical or charged particle O2. The process of oxygenation is electrically based. Energetic interface with the body electric is a safe, inexpensive and effective medicine. This is shown by the research on it.

But modern medicine has only concentrated on the chemical component and has not fully researched to body electric. The further sin is the SINthetic aspects. Our society has no found that we do not want the synthetic foods. They are not compatible with us. The same is true for the medicines. But there is a lot of money in this and thus the body electric is not discussed. In fact it is ignored. The root of ignorance is in ignored. But let us not be ignorant let us continue to explore the basics of the body electric.

Certain people used just skin resistance to measure the body electric. Like the point probe devices and others. The skin resistance is flexible and thus is easily controlled by the therapist if there is pressure of the therapist applied. The point probe therapist applies faster pressure for a high reading and slower pressure for a lower reading. Thus it was found that these resistance only devices outputs were therapist controlled an thus unreliable. They flunked every double blind test. The therapist needs to know what he is testing to get results. Same for muscle testing, subtle changes in pressure of the therapist make the results. The patient’s body electric is not assayed. The SCIO was designed to minimize any operator control. This made me very unpopular with the vast majority of alternative healers who depend on the control of muscle testing or point probe variance. But a true energetic medicine needs to measure the patient’s body electric objectively. As well as measure the ful aspects of the body electric. The birth of the EPFX.

Bio-resonance started in Germany years ago. Biofeedback is also bioresonance as the feedback of a signal in a cybernetic loop is feedback. Biofeedback is bioresonance and bioresonance is biofeedback.
Quantum Electro Dynamics

Science has developed and evolved dramatically over the last hundred years or so. Newtonian physics and thermodynamics are now known to be inadequate in describing biology. Quantum Electro Dynamics (QED) is known to describe much more of life and science. The basis of QED is that the interaction of photons and electrons explains biology.

A photon is a particle of light. Light is electro-magnetic-radiation (EMR). It is made of photons. The EMR spectrum contains infrared (heat), visible light, ultraviolet, x-ray, etc., all photons. They oscillate at different speeds that makes them different. The faster they vibrate the higher the energy.

An electron is a negatively charged particle that orbits (or exists as a probability cloud) in all atoms. There are free electrons that can make up what we call electricity.

When a electron changes its quantic state or mode it emits a photon and goes to a lower state. When a photon strikes an electron in the proper way the electron goes to a higher state. Electrons and photons are tied together intimately. As are all subatomic particles. Thus it is obvious that to understand anything we must understand the photon. As God said in the beginning Let there be Light.

To understand life and science we must learn to use the electro-magnetic-static-photonic-gravity forces as they interplay. But modern medicine does not deal with this. Modern medicine is still mired in old thermodynamic science. This allows them to make a synthetic chemical in the test tube (in vitro), but we live in our bodies (in vivo). Modern medicine is not so modern is it.

The simple explanation of life on earth is that there was minerals on the planet. Certain energies like heat, lightening, gravity combine the minerals and molecules to make certain amino acids (building blocks of protein) and fatty acids (carbon chains that make up all cellular membranes). At first these compounds join to make bubbles. These bubbles are light sensitive. Light lets them find the energy to make more. Remember that light Photons give the electrons a higher state, more energy stored in the electron.

As life evolves and becomes more and more complex, the electro-magnetic static photonic forces are the integral driving force. To understand life we need to understand this electro-magnetic-static-but better.

The minerals of the Mineral Kingdom are food for the plant kingdom. The bonds in the mineral kingdom are primarily ionic. This means that the outer electrons are in low energy states. Ionic bonded atoms are drawn to each other but do not share electrons. Mineral salt NaCl is ionic bonded. The bond is so weak it disassociates in water (dissolves).

The plant uses photons of heat or light to give energy to the electrons and they go to higher states. Then they can bond co-valently. This means that they share an electron or more. A covalent bond is much stronger and does not easily disassociate. These high energy bonds are the designed distinctly for the purposes of nature. The secret of the QED placement of the high energy electrons makes nature nature. The synthetic chemical companies can not understand this QED electron state photon placement. This is why all synthetic chemicals are incompatible for biology. This is true for our medicines as well as our foods, but this unpopular truth makes one very unpopular with the chemical cartel.

The master formula is an extreme over simplification of the complexity of biology on planet earth. Carbon dioxide and water plus minerals are taken up by the plant. The plant then uses light (photosynthesis) to add energy to the electrons. The beast example is sugar or basic carbohydrates with the hot energy state electrons. These hot electrons are used by the animal, us, to give us the energy for life.

Our complete biology must also explain breatharians or people who do not eat for years at a time. Modern biology does not accept this because of their ignorance (ignore things). In the eastern medicine this happens all of the time. We can explain it with more avant garde QED but that is outside of this simple first lesson.

So back to our bubbles. You see the process of life and evolution is all about cycles. Being able to use energy and recycle it is the key of life on the planet. More and more complex life forms develop. All using the QED electro-magnetic-static-photonic gravity process to satisfy life. Life is metabolizing and reproducing. Energy states are developed one at a time in quantic subatomic steps.
inconvenient truth, they try to attack me but truth none the less will win.

This study of the QED electro-magnetic-static-photonic gravity (QED for short) science of biology, gives us the impetus to prove the subtle field theories of medicine. Even though many are based in incomplete logic and marketed by charlatans, there is a truth worth pursuing.

Just as humans use our primary photon detectors to hunt, our white blood cells do the same. They use photons to hunt. They as all things use photons. A new medicine evolves.

This leads us to the science of Electro-Physiological-Reactivity (EPR). A science based on scientific professional analysis of the body electric with all of its factors. This book is just an overly simplified modest summary of just some of the interactions of the SCIO. Thirty years of science, discovery, clinical testing, double blinds, field testing, laboratory research, legality and safety testing all coming together for the finest quality.

Reactivity and the XRROID

As we have said, changes in the volts, amps, resistance were found to indicate reactance. This is measured in Siemens after the German researcher who discovered the concept. The changes of volts plus changes of amps plus changes in resistance equals reactance.

\[ \text{Delta Volts} + \text{Delta Amps} + \text{Delta Resistance} = \text{Reactance} \]

The Electro-Physiological Reactivity (EPR) is the rating of how much reactance a patient has to a stimulus. The stimuli or input with the SCIO is the trivector volt-ammetric signature pattern of a homeopathic. The EPR of a human is based on the speed of the ionic exchange or just how fast the human can form reactance to an external stimuli. This speed is known to science as approximately one hundredth of a sec. Thus the scan of many Homeopathics can happen at very fast speeds. This is known as the Xroid. The scan of EPR of a patient to many trivector signatures is the Xroid. EPR Xroid is the name of the device the Electro-Physiological-Feedback-Xroid. (EPFX).

Maitrey R Kt.
Tel: +61 3 9389 9043
web: www.qsubspace.com
email: info@qsubspace.com

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If you need more information on the SCIO and purchase details please get in touch with us.
Since this EPR can cascade and resonate, this bioresonance has significance in biology. It can be used to correct and address certain issues of health. This is the work started in bio-resonance in Germany years ago. Biofeedback is also bioresonance as the feedback of a signal in a cybernetic loop is feedback. Biofeedback is bioresonance and bioresonance is biofeedback.

**Trivector Volt-ammetric Signature**

The basic existence of all atoms and molecules as all of science knows has a distinct field around it. This subtle field can be measured. The first form of electrical chemical analysis was done over a hundred years ago in the science of volt-ammetry also referred to as polography. Thousands of research articles and a fully accepted science of the electro dynamic analysis of the has lurked in the back waters of chemistry. But since so few chemical engineers have electrical knowledge, it does not gain popularity.

There was even a journal on volt-ammetry published years ago. In the journal there were some interesting articles. In animals they found that the voltage of the body was connected to the catecholamines. These are our adrenal hormones, necessary for flight fight and stress management.

The amperage was connected to the indolamines or brain hormones like serotonin and melatonin. When they gave catecholamines there was an increase in voltage. When there was a measured drop in catecholamines there was a drop in voltage. When they gave indolamines there was an increase in amperage. When there was a measured drop in indolamines there was a drop in amperage. We have scientifically and clinically proved the same observation true in humans.

In 1983 I developed a trivector system of analyzing the volt-ammetric signature of a compound. I developed a three dimensional system I refer to as the trivector. I started purchasing compounds. Bacteria, fungus, viruses, enzymes, hormones, minerals, etc and to date I have spent over one half a million dollars on collecting and testing these items. All items in the SCIO test kit have been developed a three dimensional system I refer to as the trivector. I started purchasing compounds. Bacteria, fungus, viruses, enzymes, hormones, minerals, etc and to date I have spent over one half a million dollars on collecting and testing these items. All items in the SCIO test kit have been tested in their reality. Other companies use much less scientific systems. This is the reasons for the success of the SCIO system.

There have been over twenty five years of testing, perfecting, substantiate, corroborating, authenticating, and validating the current system we call the QQC. There have been over five articles published on the science. And over 25,000 systems using the trivector patterns have shown profound safety, and efficacy.

This research and history has been reviewed intimately and correctly assayed by medical experts in Europe. There has been now an acceptance of both the QQC device and the accuracy of the trivector volt-ammetric signatures. To review this research and the legal registrations please inquire. There is a full peer reviewed medical ISSN journal devoted to the review of the technology. Simply put we can test the electrical field that binds and permeates a compound and reproduce a signal to see how a patient reacts to it.

These items such as vitamins, homeopathics, enzymes, hormones, sarcodes, allersode, nosodes, isodes and herbs have static trivector signatures. The living being has a reactive or ever changing field. The patient has a reactive field that is drawn towards nutrition and repelled from toxins. We measure the reactions ( reactivity EPR ) of the patient to ten thousand some homeopathic compounds. This is the basis of the EPFX system as it was sold from 1989. Two decades of development to get to today. An over night success.
that the stressor questionnaire was a library function. The system is legally registered in over 15 countries today. A safe effective drugless therapy.

A disclaimer was attached. A waiver designed for use with all patients and a medical referral designed and implemented since 1989.

This is the basic system. Since the system was registered to measure the body electric and it’s reactions to volt-ammetric signatures, it was deemed safe and within the original registration to allow more measures. The system now safely measures 220 channels of subtle electrical measures. The basic design has only been expanded all within the original concept of safely measuring the body electric and feeding back signals to re-measure. This is still the intent of use and progressive design.

According to the FDA flow sheet on new admissions our device progressions have never been extreme enough for a new admission.

Then we started to sell in 1989. And over the years over 25,000 devices have been sold world wide. Multi millions of patient visits. With no evidence of any risk. Only one reported hurt of a slight urticaria from the device being misused by a therapist who was poorly trained.

And something quite astounding happens. There are over 200 articles written on the medical benefits and thousands of testimonials. The effect of the cybernetic loop is astounding. It appears that the immune system, cellular regeneration, detox, and a host of other health systems are strengthened via the EPFX therapy. The subtle auto-focused stimulation of the body electric has great effects on the health.

There is hospital data, doctor studies, therapist studies, and a host of testimonials. There is so much it is difficult to shield the American public from it. In Europe the system is registered for electro acupuncture, injury repair, cellular regeneration, immune stimulation, allergy testing, homeopathic testing among others. In America the system is designed for professional use only on any patient with stress.

The system can measure and repair the basic body electric health parameters of Volts, Amps, Resistance, Hydration index, Oxidation index, Proton and Electron Pressure, Reactive Speed and Resonant Frequency. And more.

**SCIO channels of information**

Many have asked what is measured by the SCIO medical device. This incredible advancement in medicine measures subtle electrical factors of the body. The history of alternative medicine has been dominated by old style resistance measuring devices. These antique devices depended on the operator to apply the probe to the acupuncture point. By subtle changing the speed of probe delivery (not the pressure), the operator could influence the outcome. This prevented true results. The other complication was the limits of just resistance testing. The body is much more complicated than just resistance. The electrical factors of the body include voltage, amperage, capacitance, inductance, frequency, and many others.

*Now don’t be afraid. For over fifteen years I’ve been lecturing to audiences of alternative medicine, and here is where all of a sudden the apprehension and fear start. The mention of voltage, amperage etc seem to trigger fear and dread. For all of a sudden the world of electroacupuncture which before was secure and safe is now dramatically incomplete. Most of these doctors in America and Germany have spent a life time mentally invested into one channel resistance measures of energetic medicine. Now they are faced with the discovery that a new technology has so surpassed their familiarity, that at first it is intimidating. Small minds see new technology as a threat where great spirits see new technology as an opportunity.

So the SCIO represents a new technology. This article is a very very brief summary of this technology. Small minds will probably quit reading by now. Let me caution you, if you read further your life as a doctor will change and your mind might have to expand.*

The basics of bio-electrical medicine lies in the voltage, amperage, and resistance. The only thing that can truly be measured in electricity is the voltage and amperage. Everything else is a mathematical variation of voltage and amperage. So the SCIO device starts by measuring multiple channels of this information. Multiple channels are needed so that we can see variations in the electrical potential and flow of the body total. So we measure the extremities and the head. This direct measurement is of four channels of voltage, four of amperage, and four of resistance. These come into the computer for amplification and the computer acts as a frequency counter for receiving this data. This makes an active twelve channel measuring device.

Other calculations are made mathematically. Resistance cannot be measured directly. It must be calculated from an amperage or voltage meter. Same as that any capacitance meter can not directly measure capacitance it must do a mathematical adjustment of voltage and amperage flow. These calculations are referred to as virtual or mathematical measures. So even the one channel resistance devices of the antique electroacupuncture devices such as listen (best), voll, phaxis, bicom, mora and a host of others are virtual measures.

The SCIO device measures over forty virtual dimensions. The variations of amperage and voltage flow give us a way to measure capacitance and inductance. These are the reflections of static and magnetic effects of bio-electricity. Variations in amperage and voltage allow us to measure frequency. You can not measure a frequency with a resistance meter. So frequency was left out of the one channel resistance systems of old.

Changes in the voltage, amperage, and resistance together make up the reactance and susceptance of the electrical system. This is the most important measure of medication testing. Resistance alone is helpful but when coupled with voltage and amperage the medication testing is greatly improved. True complete electrical reactance is the best measure of biological reactance. But multiple channels are needed to measure total reactivity.

**So what is measured by the SCIO, well here are the categories measured:**

1. Voltage lower left quad
2. Voltage lower right quad
3. Voltage upper left quad
4. Voltage upper right quad
5. Resistance lower left quad
6. Resistance lower right quad
7. Resistance upper left quad
<table>
<thead>
<tr>
<th>8.</th>
<th>Resistance upper right quad</th>
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</thead>
<tbody>
<tr>
<td>9.</td>
<td>Amperage head pole 1</td>
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<td>10.</td>
<td>Amperage head pole 2</td>
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<td>11.</td>
<td>Amperage head pole 3</td>
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<td>12.</td>
<td>Amperage head pole 4</td>
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<td>13.</td>
<td>Amperage head pole 5</td>
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<td>Amperage head pole 6</td>
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<td>Amperage head pole 7</td>
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<td>16.</td>
<td>Amperage head pole 8</td>
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<td>17.</td>
<td>Frequency 1 - Lower left quad</td>
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<td>18.</td>
<td>Frequency 2 - Lower right quad</td>
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<tr>
<td>19.</td>
<td>Frequency 3 - Upper right quad</td>
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<td>20.</td>
<td>Frequency 4 - Upper left quad</td>
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<td>Frequency 5</td>
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<tr>
<td>25.</td>
<td>Reactance 1 - Changes in volts, amps, Kohms</td>
</tr>
<tr>
<td>26.</td>
<td>Reactance 2 - “</td>
</tr>
<tr>
<td>27.</td>
<td>Reactance 3 - “</td>
</tr>
<tr>
<td>28.</td>
<td>Reactance 4 - “ “</td>
</tr>
<tr>
<td>29.</td>
<td>Reactance 5 - “ “</td>
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<tr>
<td>30.</td>
<td>Reactance 6 - “ “</td>
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<tr>
<td>31.</td>
<td>Reactance 7 - “ “</td>
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<tr>
<td>32.</td>
<td>Reactance 8 - “ “</td>
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<td>33.</td>
<td>Susceptance 1 - Inverse of total reactance</td>
</tr>
<tr>
<td>34.</td>
<td>Susceptance 2 - “ “</td>
</tr>
<tr>
<td>35.</td>
<td>Susceptance 3 - “ “</td>
</tr>
<tr>
<td>36.</td>
<td>Susceptance 4 - “ “</td>
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<tr>
<td>37.</td>
<td>Capacitance 1 - Changes in amps</td>
</tr>
<tr>
<td>38.</td>
<td>Capacitance 2 - “</td>
</tr>
<tr>
<td>39.</td>
<td>Capacitance 3 - “</td>
</tr>
<tr>
<td>40.</td>
<td>Capacitance 4 - “</td>
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<tr>
<td>41.</td>
<td>Capacitance 5 - “</td>
</tr>
<tr>
<td>42.</td>
<td>Capacitance 6 - “</td>
</tr>
<tr>
<td>43.</td>
<td>Capacitance 7 - “</td>
</tr>
<tr>
<td>44.</td>
<td>Capacitance 8 - “</td>
</tr>
<tr>
<td>45.</td>
<td>Inductance 1 - Changes in voltage</td>
</tr>
<tr>
<td>46.</td>
<td>Inductance 2 - “</td>
</tr>
<tr>
<td>47.</td>
<td>Inductance 3 - “</td>
</tr>
<tr>
<td>48.</td>
<td>Inductance 4 - “</td>
</tr>
<tr>
<td>49.</td>
<td>Inductance 5 - “</td>
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<tr>
<td>50.</td>
<td>Inductance 6 - “</td>
</tr>
<tr>
<td>51.</td>
<td>Inductance 7 - “</td>
</tr>
<tr>
<td>52.</td>
<td>Inductance 8 - “</td>
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<tr>
<td>53.</td>
<td>Hydration changes in capacitance over a two second span</td>
</tr>
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<td>54.</td>
<td>Oxidation changes in amperage during a breath cycle</td>
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<tr>
<td>55.</td>
<td>Proton pressure the inverse logarithim of the amount of protons versus electron</td>
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<tr>
<td>56.</td>
<td>Electron pressure the inverse logarithim of the amount of electrons versus proton</td>
</tr>
<tr>
<td>57.</td>
<td>Power vector the product of amps times volts in milliwatts</td>
</tr>
</tbody>
</table>

This group of 57 is measured and or calculated with 4 different quadrants or 228 channels of information every millisecond.

From these calculations several other ramifications can be surmised. The bioresonance of the system can be measured. The reaction of the body to nosodes, isodes, allersodes, sarcodes, classic homeopathics, herbals, minerals, amino acids, enzymes, hormones, bacteria, fungus, parasites, nerves, vertebrae, muscles, and thousands of other compounds. The resonance of the system is measured by determining the provoked reactive potential or reaction of the body to these compounds.

Provoked Reactive potential is the electrical reaction of a patient to a stimulus. By analyzing the patients provoked reactive potential or change in the above 52 measures we can see the patterns of the energetic body of the patient.

The speed of this reaction is rather quick. The body electric is drawn towards nutrition and repelled from toxins. This is discussed in detail in the Promorpheus.

Since this EPR can cascade and resonate, this bioresonance has significance in biology. It can be used to correct and address certain issues of health. This is the work started in bio-resonance in Germany years ago. Biofeedback is also bioresonance as the feedback of a signal in a cybernetic loop is feedback. Biofeedback is bioresonance and bioresonance is biofeedback.
Reactivity versus Resonance

This section is designed to make the process of the SCIO device even more clear. The measurement of Electro Physiological Reactivity (EPR) is clearly documented in energetic medicine. The vast amount of devices use skin impedance or resistance measuring devices. These devices also mostly all use point probes that depend on the therapist to apply to the skin. The application of the point probe is subject to idiomotor or subtle muscle control. This allows the intervention of therapist control of the result. The same idiomotor control that makes the ouigi board appear to work, can effect the control of the energetic medical devices. If the point probe is applied slowly the reading will be lower than if the probe is applied quickly. It is the speed of delivery of the probe that controls the result more than the end all pressure. Is all of the use of this field of energetic medicine complete bunk? Even though there is a measure of operator interference, the system was measuring something.

Now the body’s reaction or EPR is made up of changes of voltage, amperage and resistance. The perfect measure of EPR then is to measure the changes in the trivector of Amperage, Voltage and Resistance.

The next difficulty with the antiquated point probe devices was the limitation of the time of the test. The body reaction to items is triggered by an ionic exchange. This is the basis of reaction as electron transport or ionic exchange dictates the reaction. The speed of ionic exchange in the body is approximately 1/100 of a second. The point probes were not able to measure at this speed. The computerized SCIO device is designed to measure the total reaction at biological speeds. But what were the old style point probe systems measuring? They were measuring left over resonance of the initial reaction.

Reactivity = Delta Volts + Delta Amps + Delta Resistance

The reaction dictates that there is a change in the Volts, Amps and Resistance variables. If there is a constant current and a change in resistance, means that there is no added energy. Volts will change. And the ohms law correlate V=A*R is still applied.

There was even a journal on volt-ammetry published years ago. In the journal there were some interesting articles. In animals they found that the voltage of the body was connected to the catecholamines. These are our adrenal hormones, necessary for flight fight and stress management. The amperage was connected to the indolamines or brain hormones like serotonin and melatonin. When they gave catecholamines there was an increase in voltage. When there was a measured drop in catecholamines there was a drop in voltage. When they gave indolamines there was an increase in amperage. When there was a measured drop in indolamines there was a drop in amperage. Indolamines are increased with love and bonding. We have scientifically and clinically proved the same observation true in humans.

We have seen that the voltage thus is a factor in willpower. And the amperage a factor in life force. How does the little 100 lb. Mother lift a car to save her child. Since volts times amps is power, you can increase power through anger or fear. But you can get more power from love. The mother saves her child, she does not lift the car to throw at her ex-husband. As patient start to die from chronic disease their life force or amperage slips away. We could observe this in our patient load. They could be prolonged with some indolamine therapy.
So we can see that certain events and reactions prompt amperage changes. In the figures on reactivity the first spike of reaction is just a variable of resistance change and thus no amperage change. If the resistance does not rebound but sustains, then there is a voltage resonance sustaining the reactivity. This is indicative of a positive resonance reaction. When there is an amperage change that then sustains the resonance, this indicates a more negative response as the organism is prompted to move away from a potentially harmful stimuli. This happens with allergy or sensitivities. So the nature of the V A R reaction and it’s resonance or not is of great importance.

After the body has it’s initial reaction, (one hundredths of a sec) the body will still continue to react to the item for a variety of reasons in a variety of patterns. See diagrams 1-7. In these pictures we see the ways a person could react. When we perform the Xrroid we are only measuring the initial reaction and thus we can catalog the priority of the initial reaction. To measure the residual resonance would take over one second per item and thus the Xrroid test would take over 6 hours. After the Xrroid test is done, we can use the individual test button to measure any of the single items in the matrix. This test will take about 2 seconds. This will bring up a yellow panel that will display the initial reaction or Reactivity, the Allergic reactivity, and the residual Resonance. The Resonance determines the extent of which a person needs the item in question. The antiquated point probe systems measured only the residual resonance. Where the QXCI device measures both with no operator interference.

With this in mind I hope that this will help you in using the QXCI system. The following diagrams should help in further understanding this process. The Coherence measurement is the percentage of how close the signal returns to the signal that is sent. This increases if there is a harmonic reaction of the patient. So any number above 75 indicates a positive reaction.

The Fourier number is the mathematical relationship number of the resulting 7 part harmonic dissection. This is a complicated mathematical concept which does not seem to have any meaning yet.
The Xrroid Effect

The word Xrroid is defined as the testing of a patient Electro Physiological Reactivity to thousands of substances at biological speeds. Biological speeds are defined as those approaching the ionic exchange speed of a person’s electrical reaction to the items in their immediate environment. This is a speed of approximately 1/100 of a second. The Xrroid is the process of measuring a patient’s reaction to such items as vitamins, homeopathics, enzymes, hormones, allersodes, isodes, nosodes, etc.

Xrroid is the invention of Dr. Nelson and was first used in 1985 in the EPFX device of Eclosion.
The SCIO can be prescribed for HOME USE to help your children with autism, attention difficulties, superlearning, sports, injury, pain, relaxation....

This was registered with the FDA of America in 1989. The process has been greatly advanced technologically in the QXCI device. The Xrroid has been used on millions of patients around the world for over a decade.

The process has been clinically tested with results being published in medical journals and articles being presented in several worldwide medical conferences. The users of the systems have sent in thousands of testimonials and reports of dramatic success come in daily. The users use the device as directed, which means seeing a patient once a week at best.

For over a decade occasionally someone with an overly suspicious mind will try to use the device not as directed but on someone repeatedly in the same day. They will check someone over and over in the same day. They will report back to us with dismay as that even though the first results are always accurate the second or third results seem to not be. Often these reports come from persons who cling to older technology or have ulterior motives. So often the reports have not been checked. But recently when the Chinese distributor had a similar comment the Chinese representative had an observation. Could it be that the Xrroid test might produce some effect on the EPR of the patient?

The tickle of testing a person to thousands of items at fast speeds seems to promote a increase in the wellness of the EPR field that promotes a change or destabilization in the EPR field of the patient. This will lead to inaccurate Xrroid results for a period of up to 48 hours. So for this time the therapies can be done successfully but the Xrroid will be less accurate.

Patients will have hyper-reactivity states after testing. Some patients report heightened sense of taste, smell, coordination, flexibility, and even ESP. Some are not aware of the difference and their other family members report noticing the change. During this period the Xrroid retesting will often be inaccurate. But therapies can be used during this time. The recovery time appears to vary depending on the patient condition. The recovery time can be from 24 hours minimum to 100 hour maximum.

Our tests have shown that the Xrroid itself has healing effects as patients have improved trivector...
patterns. Athletes consistently report heightened reflexes, improved coordination, and faster motor skills. After one Xrroid test there are several improvements in clarity of thought process, eye hand coordination, etc. But after two or more Xrroid test a state of hyperactivity can ensue for hours or days. Please keep the Xrroid tests to a minimum. This change in EPR shows just how effective the Xrroid is. I hope this will help the skeptics in properly charting out the challenge of the QXCI. The next diagram notes the variance in the graph after a person was tested by the Xrroid. So please use the SCIO as directed.

When you see the following this will help you to understand the results.

- **RESONANCE** - If the patient sustains an initial reaction and needs the item.
- **COHERENCE** - Indicates a harmonic attraction for an item.
- **REACTANCE** - How the patient reacts in a short immediate reaction.
- **RECTIFIED** - Indicates that an energetic disturbance has been repaired.
- **ALLERGIC** - Indicates an allergic reaction to the item.

**Other support software in the SCIO system**

The SCIO system is designed to be of help for all natural medicine health care professionals. There is many support software used in the system.

1. **Auscaltcardiogram**, a system that only listens and amplifies the human heartbeat is a separate device. No energy is added to the system to risk ear development. The software can analyze the heartbeat of a person or even filter out the heartbeat of a baby while being carried by the mother. Over 30 different mathematical algorithms can be used to analyze nutrition, risks, and compatibility.

2. **Electro-acupuncture** is done by sending into the patient the healthy energy band profile of an acupuncture point and seeing if there is resonance to it. Thus the system can input energy when needed or ground excess energy. Everything a basic acupuncturist does is in the system.

3. **Dark field microscope** is used to analyze the blood for many reasons and the software can help in analysis.

4. **Virtual design imagery** used to help the patient deepen suggestive and healing trance states. The goal is to provide a total Holistic Health Care System for use in the field by any doctor interested in natural medicine.

**Electrical Rectification of Aberant Bioresonance Patterns**

As you now probably administered the SCIO device on a patient, you have seen several rectified percentages in the therapy sections.

Rectify means to correct, remedy, smooth over, straighten out, make right or in this case make healthy. There are a vast amount of electrical energies in the human body. Many of these signals are congruous to health and are harmonious. These are concordant signals of the body and act as stabilizers for health functions. This is an ease of life energetic flow. When a disease causative factor enters the body it is often a disharmonious energy or causes disharmonious energy. Disharmonious energy accompanies all disease. This allows us an early warning signal for disease and an easy situation to rectify or cure. The earlier we detect and correct these aberrant deviant disharmonious the more disease can be thwarted before it gets progressive.

Allopathy does not correct these signals and often times allopathy treats a symptom while an disharmonious energy progresses.

**Rectification**

1. The rectification process seeks to first measure the disharmonious signals, the aberrant signals, and the deviant combinations. These are the unhealthy energy forms. Often they are healthy by themselves but in incongruous combination they are contaminating and morbid. Thus the simple old style Mora and Bicom (that is unable to detect these combinations) can not correct them. Just as two notes can be beautiful but together they are discordant.

The SCIO can simply rectify these aberrations. One note played with a matching octave can be consonant and sound beautiful. A slight shift of the second note and the sound is dissonant and sounds discordant, harsh and grating. This dysfunction in the electrical symphony of our bodies will produce disease.
Types of Energy

I. Electro-static-- friction standing
II. Electrolytic-- chemical ionic
III. Electromagnetic induction
   Magnetic fields
IV. Electromagnetic-- light, heat (infrared), radio, etc.

V. Heat conductivity-- convection
VI. Pressure-- piezo-electric-- sound
VII. Viscosity (momentum)
VIII. Nelson effect-- interdimensional transfer through indeterminacy effect, Subspace, consciousness field of the universe

Acoustical activity can be produced in linear systems. Destructive waves and also constructive waves can move through materials such as the human body. The purpose of our discussion here is to outline how sound and other wave frequencies can be utilized in the healing profession.

The speed of sound at sea level is roughly 1,100 feet per second. The speed of sound inside the human body is a little different. The velocity of sound is not appreciably changed by changes in pressure. We can justify this experimentally by comparing the transmission of the longitudinal waves of sound in air. Few transverse waves are transmitted in the rope. We should increase the speed with the compression or rarefaction, transmitted from one location in the gas to another location immediately adjacent, in the same way that increased tension speeds up the transmission of a transverse wave from one point in the rope to the next. Between the tension of the rope and the pressure of the gas is a great difference. Increased tension does not change the linear density of the rope enough to be of concern.

Air and other gases, however, are easily compressible. The increase of the pressure acts on the gas, reducing the volume; and therefore increases its density in direct proportion to the increase in pressure. Increasing pressure tends to speed sound velocity by increasing the springiness of the gas. Making the gas more dense increases the inertia of the gas enough to completely nullify the gain. Change in pressure usually has very little effect on the speed of sound. Temperature, however, tends to make the gas expand. If the gas is heated, it must expand and become less dense without changing the pressure. If the gas is confined so that it cannot expand, it will increase pressure while the density remains the same. We will now see that sound travels faster in warm gases or liquids than in cold. Sound will also travel more rapidly in hydrogen than in air, and slower in carbon dioxide.

The human ear can hear frequencies between 20 Hz and 20,000 Hz. The higher frequency limit is reduced. Humans only hear frequencies up to 10,000 Hz. Dogs and other animals can hear appreciably higher frequencies. Sound intensity is often measured in decibels. If we have a perfectly quiet surrounding, the faintest sound you can hear represents a very small amount of energy. If you hold up a finger inside a room with an audible sound, a fingernail measuring about 1 square cm. will be struck by sound waves representing an energy of about 10-16 joules per second. The human ear is sensitive to movement of one-half the radius of a helium atom.

The definition of decibels came from Alexander Graham Bell, with deca meaning the factor of 10 that was needed to represent the logarithmic description of sound intensity.

As we can see, the human being is very sensitive to vibrations of sound, as well as movement. Many vibrational massage techniques have been developed which utilize rhythmic vibrations made by the hand or machines to produce not only relaxing effects but also health-benefitting effects. The entire study of massage can be viewed as a form of vibrational medicine. Ultrasound
techniques also must be looked upon as vibrational medicine. Many have speculated the possibility of derogatory effects from ultrasound techniques. This cannot be ruled out. Our development of vibrational science as it applies to biology and medicine will allow us to understand some of these areas more explicitly.

Sound also has its firm place in medicine. Songs are capable of producing different moods, and notes are capable of producing different effects as well. The science of sound in medicine is an ever-expanding one. One medical doctor has prescribed symphonies and classical pieces for a wide variety of mental states. He uses these treatments for melancholia, depression, schizophrenia, anxiety, stress, and a variety of other mental disorders.

Jean-Baptiste Joseph Fourier (1768-1830) was the one who recognized that periodic functions could be considered as the sums of various sine functions. Harmonic analysis is the basis of Fourier optics.

Fourier optics allows us to describe light waves based on harmonic analyses, using Fourier transforms and linear systems. A Fourier transform can be thought of as a curve fit, where we try to find out which curves go together to comprise complex waveforms. Fourier analysis allows us to take apart these complex waves, and look at their sinusoidal components.

This is very useful in many electronics settings, including communication systems, and it is proposed that there is a very good likelihood that these systems of Fourier analysis can be used in biology by living cells to communicate with each other and share information.

Let us now describe some basic ideas of Fourier transforms, and how they have been developed into certain biological medical devices for organism analysis.

The expansion of an arbitrary function of time is the basis of harmonic analysis. If we superimpose a harmonic function of time of various frequencies onto the cell of an integral, we can find the harmonic components that make up a wave. Harmonic functions have frequencies and complex amplitude; thus they go together in summation/additive ways, and also in negation and interference patterns to comprise complex waves. Thus each of these functions adds to the complexity of our understanding the time series.

We must know spatial frequencies to develop our Fourier analysis. We can put these into two-dimensional building blocks as a theory for our understanding. Our wavevector components in x, y and z will be labeled k for our discussion, and A is the complex constant. At points in the arbitrary plane \(U(x,y,z)\) is a spatial harmonic function. In the \(z = 0\) plane, for example, \(U(x,y,0)\) is a harmonic function, where \(f(x,y) = A \exp[-j2\pi(\psi_{xx} + \psi_{yy})]\), where \(\psi_{xx} = kx/2\pi\) and \(\psi_{yy} = ky/2\pi\). These are the spatial frequencies, and \(kx\) and \(ky\) are the spatial angular frequencies in radians per mm. The one-to-one correspondence between the plane \(U(x,y,z)\) and the spatial harmonic function \(f(x,y)\) = \(U(x,y,0)\). This provides a spatial frequency and does not exceed the inverse wavelength of the proposition. Now we can analyze the two-dimensional \(x-y\) axes and their function, to understand the harmonic abilities.

It should be pointed out here that Fourier's technique was not a version of reductionism. In the Fourier analysis we are not trying to reduce a complex system to an approximation; we are trying to discover the curve fits and the actual waves that go into the composition of the other waves. We realize that we are statistically unable to be exact in graphing and sorting out the various waves.
But we are not looking for reductionistic techniques; we are looking for comprising techniques of how two different forms of a wave can get together to make a complexity. By understanding how these building blocks go into building complex analyses, we can then understand the various wavelengths, functions and vibrations of system, and how they interact. This is not to be seen as reductionism, where we try to approximate a situation. If we try to reduce a patient to a simple term of blood pressure, this is an approximation that is not comprised of all the various waves. If we were to use such a system in medicine as a Fourier analysis, we would break the patient’s analysis down into blood pressure, serum levels of over a thousand variables, respiration rates, brain waves, etc. In other words, we would try to calculate the vast quantity of waves and vibrations that go into making up the patient, and in so doing we would not be doing reductionism; we would be doing complex analyses.

I. Electrostatic energy induced throughout the body by friction from the flow of blood, from the movement of muscles and tendons by the proprioceptors and kinesthetic receptors for muscle tone and interoceptors for taste, smell, hunger, thirst, respiratory, circulatory, abdominal sensations, visceral pain, etc.; external friction being felt by exteroceptors of contact, etc.

II. Electrolytic induction from chemical changes and chemical reactions activate conduction in somatic exteroceptors for temperature, pain, chemical sensibility, pH balance, and visceral interoceptors for hunger, thirst, etc., pressure receptors, taste buds, temperature receptors, pain and tactile receptors for the sense of touch, etc. It has been estimated (Page 700 of Anatomy and Physics by Kimber, Stackpole and Leave, 13th Edition, 1958, Publ. by: The MacMillan Co.) that there are four million points for pain, 500,000 for pressure, 150,000 for cold, and 16,000 for warmth in the human body. The chemical changes themselves release electron energy into the system as is commonly taught in high school chemistry to move electrons into conduction bands.

III. Electromagnetic induction is seen by alteration of magnetic fields moving within the body when the nerves are moved from one position to another and where the body is constantly bombarded by electron waves from radio transmissions, house wiring, and other induction fields. Magnetic effects are represented by memories in the brain.

IV. Electromagnetic energy from light waves is received in the retina of the eyeball and transduced directly as electron energy through the optic nerves into the transformers wound in the brain, which cross and set up interference bands of refraction for resonance bands; conduction of electrons may then proceed for storage if required and may be released or charged up in hair, etc. Hair also exhibits and electrostatic charge.

V. Electromagnetic energy may be induced from heat produced by food, physiological oxidations, muscle exercise, fever; external stimuli such as the sun, sweat baths, electronic diathermy, heat lamps, etc.; heavy clothing, hot temperatures in the atmosphere, friction from working causing increased pulse, increased respirations, increased heart rate, toxins acting on the vasoconstricto centers, clogged lymphatics, malfunction of the liver, etc.

VI. Electromagnetic energy may be induced by pressure receptors such as somesthetic receptors, which are also concerned with touch, pain, position, temperature, movement, and visceral. Pressure may be induced by gravity, gas or pressure pains, temperature from expansion and contraction of parts of the body, osmotic pressure from the movement of fluids seeking concentrated chemical areas where water is about two thirds of body weight, chemical expansions of starch and other chemicals (starch, when confined, can exert 30,000 pounds per square inch pressure) when ionized with water and other solvents, changes in the constituents of protoplasm, diffusion, cell metabolism, electron contacts from frequency instruments and their transducers, etc.

In analyzing EPR oscillations, the Fourier analysis can be helpful to determine certain ingrained patterns into the complex analyses. Each of the thousands of millions of cells in the brain has many synaptic clefts. It is the formation of these synaptic unions with other cells that account for our memories and our ability to learn.

As one neuron tries to fire into another through a synapctic cleft, this firing of the electromagnetic radiation, as well as the chemical spark across the neuron of the neurotransmitter, then has an electrical component. In each global area, where there are many different brain cells, we can put on an electrode and listen to the global electrical activity underneath it. This is kind of like putting a microphone above a city and listening for noise. We can tell when the city is or is not busy. We are not able to listen to one synaptic cleft or neuron. The global reactivity that happens in these areas seems to follow some type of yielded analysis that lends itself to a Fourier transform. When we exhibit beta waves we produce between 12 Hz. and 100 Hz. of a signal that is a jointed effect of the neurons underneath the electrode.

The overriding EPR Oscillations show us how these various neurons are firing. The beta waves between 12 Hz. and 100 Hz. are a reflection of the active mental thought of most people during the day, while they are discussing something with their friends or in the process of doing some work. If they become more introspective or relaxed, they can go into an alpha wave state, which is between 8 Hz. and 12 Hz. If they become more introspective still, they can go into a hypnagogic state. This would be reflective of a theta wave, between 4 Hz. and 8 Hz. If a person were to go into a deep sleep, then he would go into a delta wave state, 4 Hz. and below. At this stage people experience paradoxical sleep, where they exhibit beta waves and have rapid eye movements (REM).

These overriding EPR Oscillations show how the mitogenic radiation can contagiously spread across the brain, producing a type of ulterior rhythm. In the Fourier analysis of these rhythms we have discovered many other types of rhythms. There seem to be certain personality patterns that can be put into the body, as well as various addiction waves, demented waves, and other entities that can be measured with sophisticated EEG equipment capable of Fourier analysis. These are Fourier analyses of the different polynomial functions that can be found inside the EPR oscillatory system.

Fourier analysis is so important in describing linear systems. Fourier analysis is useful in describing the propagation of light through linear optical components. These components could be free space, using a linear system approach. Complex amplitudes in two planes normal to the optic z axis are regarded as input and output of the system. The linear system may be characterized by its impulse response function or by its transfer function.

Our first description will be the idea of Fourier analysis in free space. Transfer function and impulse function of the free space then can be determined. This will allow us to calculate systems in biology with variant control factors.

The analysis of harmonic functions is very important for our bio-engineering. If a frequency and
amplitude are known, then we can define a cosine function of the amplitude through a phase, and know the real parts of a wave. The variable t represents time, frequency is y, and units of cycle are known as Hz. Our harmonic functions are regarded as building blocks for more complex functions. We can take these complex functions and break them down into simple components.

Our first equation above is a function of time, whereas the second equation is a function of frequency. If we take the absolute value of our function of time, f(t), and square it, this is called the signal power. If we take the absolute value of our function of frequency, F(y), and square it, this is the energy spectral density. If the energy spectral density (the absolute value of the function of the frequency squared) extends over a wide-frequency range, the signal is said to have a wide bandwidth.

Communication theory will involve these functions of time and frequency to allow us to know a signal and its time-domain representation. The function of frequency is known as the frequency domain representation, and the function of time is known as the time-domain representation.

Some important properties of Fourier transform are:

1. Linearity. The Fourier transform of the sum of two functions is the sum of their Fourier transforms.
2. Scaling. If f(t) has a Fourier transform F(y), and T is a real scaling factor, then f(t/T) has a Fourier transform F(Ty). This means that if f(t) is scaled by a factor T, its Fourier transform is scaled by a factor 1/T. For example, if T > 1, then f(t/T) is a stretched version of f(t), whereas F(Ty) is a compressed version of F(y). The Fourier transform of f(t) - f(-t) is iF(y) - F(-y).
3. Time Translation. If f(t) has a Fourier transform F(y), the Fourier transform of f(t - T) is exp(-jwt)F(y). Thus delay by time T is equivalent to multiplication of the Fourier transform by a phase factor exp(-jwt).
4. Frequency Translation. If F(y) is the Fourier transform of f(t), the Fourier transform of f(t) exp(jwt) is F(y - wT). Thus multiplication by a harmonic function of frequency wT is equivalent to shifting the Fourier transform to a higher frequency wT.
5. Symmetry. If f(t) is real, then F(y) has Hermitian symmetry [i.e., F(-y) = F*(y)]. If f(t) is real and symmetrical, then F(y) is also real and symmetrical.
6. Convolution Theorem. If the Fourier transforms of f1(t) and f2(t) are F1(y) and F2(y), respectively, the inverse Fourier transform of the product f1(t)f2(t) is the convolution of F1(y) and F2(y).

Living cells must do Fourier analysis as well. This is part of the biological matrix and a function of the DNA, as we must take in wave forms and analyze them for their Fourier analysis by breaking up the signal and retaining the information in the signal versus the normal background noise factor behind most signals.

The neurological system and the brain will also need to do Fourier analysis. The reticular formation sits in the midbrain area, and must filter out signals from all the sensory inputs of the body. The human can then attend to whatever signal he wants to. He can then attend to a visual or sound signal, and block out others. The reticular formation then has to do a complicated Fourier analysis to be able to synch out the various signals and provide them to only the attentive areas of the brain. The process of biological Fourier transforms offers profound implications for biology.

In biology the use of the pupil to focus external light and allow the human to draw an image into the back of the eye is extremely important to understand and analyze. In this treatise we are not analyzing the physics of the pupil or vision; we are analyzing some of the mitogenic radiation capacities. For a deeper analysis we think the reader should be directed to the field of optics to understand some of the visual pathway information.

To understand holography we now can look at just what a holographic image might be.

Holography involves the recording and reconstruction of optical waves. A hologram is a transparency containing a coded record of the optical wave.

Consider a monochromatic optical wave whose complex amplitude in some plane, say the z = 0 plane, is Uo(x,y). If, somehow, a thin optical element (call it a transparency) with complex amplitude transmittance t(x,y) equal to Uo(x,y) were able to be made, it would provide a complete record of the wave. The wave could then be reconstructed simply by illuminating the transparency with a uniform plane wave of unit amplitude traveling in the z direction. The transmitted wave would have a complex amplitude in the z = 0 plane U(x,y) = 1 ● t(x,y) = Uo(x,y). The original wave would then be reproduced at all points in the z = 0 plane, and therefore reconstructed everywhere in the space z > 0.

As an example, we know that a uniform plane wave traveling at an angle Θ with respect to the z axis in the x-z plane has a complex amplitude Uo(x,y) = exp(-jk sinΘ x). A record of this wave would be a transparency with complex amplitude transmittance t(x,y) = exp(-jk sinΘ x). Such a transparency acts as a prism that bends an incident plane wave exp(-jkz) by an angle Θ, thus reproducing the original wave.

The Holographic Code

The holographic code is based on mixing the original wave (hereafter called the object wave) Uo with a known reference wave Ur and recording their interference pattern in the z = 0 plane. The intensity of the sum of the two waves is photographically recorded and a transparency of complex amplitude transmittance t, proportional to the intensity, is made. In biology a single cell contains the code of the entire organism. This is not just a chemical process, but a holographic reflection of an organized wave pattern. By applying our energetic mathematics of holography we can see the field generation of the holography of the biological organism. Biology and medicine are presently locked in a chemistry model, which is inadequate for the prediction or description of life.

Now let us return to our mathematical discourse. The transmittance of the hologram is therefore given by where Ir and Io are, respectively, the intensities of the reference wave and the object wave in the z = 0 plane.

The transparency, called a hologram, clearly carries coded information pertinent to the magnitude and phase of the wave Uo. In fact, as an interference pattern the transmittance t is highly sensitive to the difference between the phase of the two waves.

To decode the information in the hologram and reconstruct the object wave, the reference wave Ur is again used to illuminate the hologram. The result is a wave with complex amplitude in the hologram plane z = 0. The third term on the right-hand side is the original wave multiplied by the
intensity \( I_r \) of the reference wave. If \( I_r \) is uniform (independent of \( x \) and \( y \)), this term constitutes the desired reconstructed wave. But it must be separated from the other three terms. The fourth term is a conjugated version of the original wave modulated by \( |U_r|^2 \). If the reference wave is selected to be a uniform plane wave propagating along the z axis, \( I_r/2 \exp(-jkz) \), then in the \( z = 0 \) plane \( U(x,y) = I/2 \) is a constant independent of \( x \) and \( y \). Dividing by \( Ur = I/2 \) gives

\[
\frac{U(x,y)}{I_r/2} = \text{desired reconstructed wave.}
\]

Cellular biology must use Fourier transforms, be able to handle the information coming and decipher it from background noise. Multicellular organisms must have superior abilities to transform the information coming into its focused sensory input. Thus a frog sitting on a pad must do a transform of its information to see the bug it wishes to eat.

In our development of biology we also must perform Fourier transforms on the body and compare the normal versus diseased patterns, but also to see and measure how well the body can perform its own transform analyses through its sensory input. Much of this is covered in Physical Diagnosis by Dr. Nelson, in which we ascertain how the wide variety of input signals into the brain can be measured and diseased conditions of the transform abilities of the brain can be cataloged and ascertained.

This will be profoundly important for our energetic medicine, as the smallest of transforms can help to tell us about the vibrational ability of the body to maintain health and wellness.

Vibrational medicine will result from an understanding of the complexity of the many different dimensions and vibrational entities the human body must be able to deal with successfully. These vibrations merge into other patterns, such as circadian rhythms, ultraradium rhythms, heart rate, brain waves; the list goes on. These are culminations of some very basic simple frequencies, which when compiled upon each other, produce dramatic effects.

1. Here we introduce the basic understanding of Fourier analysis, which will allow us to apply curve fit techniques to understanding the electrical impulses read from the body.

2. We show how a system is able to apply mathematical Fourier analyses to developing the curve fit proposals that will see reactivity of the brain with various homeopathic substances.

3. In our understanding of Fourier analysis it is important to point to our electrical devices, which are able to chart overall variances in activity. This points toward phase and frequency distortion.

4. By going over the important properties of Fourier transforms such as linearity, scaling, time translation, frequency translation, symmetry convolution theories, correlation theorem, and Parseval’s theorem, we can gain an understanding of how a system uses these various Fourier analyses mathematically to isolate various waveforms and bring them into an understanding of biology.

5. Biology must use Fourier transforms to take in various interactions of waveforms and transduce them into other signals for the cell or the organism to exist.

6. The concept of holography is introduced, and how holographic storage can help us to understand how the biological system of the body catalogues and stores data. This will broaden our understanding of DNA function as well.
To Make Medicine Safer the Angel has Made

The Quantum Quality Control

Electro-Chemistry Analyzer for the Analysis of the Trivector electrical signature of a biological or anti-biological substance.

We are taught chemistry with a poor rod and ball analogy. There are no Rods and no Balls, there are quantic energy fields. The Rods and Balls faulty analogy misleads us into a perception of how Synthetic Chemistry can assemble new molecules. The energy state of these molecules is different in nature than to the synthetic world. The Angel discovered this in 1982 and published the first book on Quantum Biology the Promorphosis proving the incomatibility of the Synthetic Chemicals in Biology.

There are no Rods and no Balls!!!
Just energy fields

The Angel discovered that Quantum Electro Dynamics ability to describe the photon electron and proton interaction, means that the energy state of a natural made substance is different from the Petrochemical Synthetic Chemistry of the Drug Co.

DNA is not a Rod and Ball model as shown, it is rather a complex mixture of energy fields and quantic electromagnetic static field.

Schrödinger said that DNA was a quantic system and not thermodynamic in nature.

Dr. Isaac and Heisenberg proved the concept in the fifties.

The Angel put the proof together in 1982.

Modern science has de-emphasized the energy states of the electrons in glucose and the QED connection largely because it refutes the idea of Synthetic chemistry but the Angel noted the hypocrisy and has made a new medicine to help people. For this, the Drug Co. have attacked her.

Plants take in water, carbon dioxide, nutrients and photosynthetic energy light. They give off organic material and oxygen.

Animals take in the organic material and oxygen.

The Photosynthetic Organism can use the energy of sunlight to take electrons to higher energy states.

\[ \text{Sunlight} + \text{H}_2\text{O} + \text{CO}_2 + \text{Nutrients} \xrightarrow{\text{Photosynthetic Organism}} \text{Body Heat} \]

\[ \text{CH}_2\text{O} + \text{O}_2 \]

Water
Carbon
Dioxide
Nitrate NO
Phosphate PO4
Iron
Silicate
Organic
Oxygen

The Sunlight comes in at wavelength of 400 to 700 nm and the body gives off heat radiation at wavelength 30 to 55 cm. The difference is the energy used for life. DNA gives off radiation and receives radiation in the infrared and visible light with just a touch of UV.

Desire used this advanced science for good.
The Body Electric has many global important measures. These include Volts, Amps, Resistance, Hydration, Oxidation, and Proton and Electron pressure. There are oscillatory norms of these values as well. The electrical vital signs. These are all easily measured and easily corrected in a cybernetic biofeedback loop. By interfacing with the body electric you stimulate, response, correction and re-stimulation, we can try to normalize and stabilize the body electric. If we can reduce the causes of disease with behavioral medicine, provide good nutrition to supply needed homoeostasis, repair the damage to organs, and unblock the blockages to energy flow, we have the start of a good truly modern medicine. Selye has proved that by reducing stress and the stressors we can advert the early progression of disease, and dramatically reduce degenerative disease. But this is drugless and threatening to the profits of the drug companies. We need to prefer people over profit. We need to become aware of the science and look through the sensational tabloid press to make an informed choice.

The over emphasis on drugs (SINthetic drugs) and surgery and the under emphasis on lifestyle has created a monster. The regulatory bodies, FDA, let Big Tobacco, Big Sugar, Big Pharma, run rampant while spending time and money on attacking safe, scientific, tested and effective natural medicines. This is a tragedy of modern times and profit corporations out of control.
Harmonic Resonance

In our analysis of vibrations we must be able to discern the concept of harmonicity, and also explain the concept of resonance.

The concept of resonance is that of power being rhythmically added to a system. If the power is added at a certain interval that corresponds to the correct interval needed within the system, the system will produce resonance. The system gains more and more in power. The concept of resonance is very similar to that of a child riding a swing. If the pumping action of the legs and the distribution of the weight to gravity is in a resonance harmony with the swing action, then the child will gradually increase the swing to a higher and higher degree, until the amount of energy displaced by the pumping action has reached its maximum, meaning that the swing action has reached its highest zenith. This action describes resonance.

In Tacoma, Washington a bridge was built without the ability to counteract resonance. A resonant frequency built up in the wind one day that allowed the swinging bridge to increase its push a little more and more, until finally the entire bridge snapped and crumbled because of the pressure of the resonant force of the wind. Since then all bridges have been built to have no structural resonance, in that they would have separate entities that would resonate at different times.

So when a system that has a certain periodicity is pushed by another type of periodic waveform, resonance can occur if there is a compatibility between the existing structure and the inputted push.

Another example of this is seen when a singer shatters a glass by singing a certain pitch. If the glass’s shape has a certain type of periodic structure, the resonance between the note and the structure can produce an ever-increasing vibration fed by the push of the singer. This can destroy the glass by making it vibrate past its stable level.

In biological terms many resonances can happen in various ways. Viruses, bacteria and fungi all have resonant frequencies. If the virus is put into a certain resonant frequency, it could effect the body. In psychology a certain set of neurons could be sensitive to a resonant condition if the rhythms are present. Agoraphobia might produce a resonant factor within the neurological circuits, pushing the organism to extremes and often inducing an anxiety or panic attack. Obsession, compulsion, and many other psychological problems can also be seen as resonant factors, in which a certain ideation cannot be let go of because of its vibrational sticky quality. Ideas get caught in resonant circuits within the brain.

Of the millions of neurons in the brain, certain ideations and thought patterns can be amplified through resonance if an individual has these thought patterns too often or in inappropriate circumstances. These resonant thought forms can have increasingly larger and larger effects, and be imprinted into the engrams of the human being. Certain humans will be sensitive to certain types of thoughts. So a person might inherit a tendency towards depression, or the inherited tendency might be amplified by the living conditions, in which the mother and father might teach depression techniques to their child as a means of coping. Then the child, having resonant effects, can build this depression into his brain, making it impossible for him to break free from it without large-scale help. This is one of the keys to developing a new-age type of psychology; being able to defeat the resonant patterns within the brain.

This resonance is also one key to understanding behavioral psychology. In behavioral psychology
what we reward we get more of; what we ignore we get less of. This is a display of neurological resonance reaching into the psychological world of treatment.

Harmonicity, or the production of various harmonics, is something else we must analyze in vibrational medicine. A note produced by a sound has harmonics produced at certain intervals. Thus a certain generated note will have a harmonic at a higher note that is the same or similar note in a different octave. This is different from the resonance we have discussed, because the true, pure resonance seeks rhythmic similarities. In harmonic resonance we often do not need to have extremely similar vibrations to induce harmonic resonance. Harmonic resonance can be induced often by other notes that are at harmonic levels to the original pattern.

If we hammer a piece of steel, we will see that this produces a certain note. There is a harmonic note that can be produced by a hammer of another size, and even higher harmonics produced by other hammers. Harmonics have infinite numbers of series, but often are limited to seven series, in the case of octaves in music. All vibrations, whether they be photon, electron, neutron, etc., have harmonicity at various levels. These harmonic frequencies have interference and amplitude factors on other carrier waves. Harmonics work in many strange and wondrous ways. The effects extend to other dimensions.

As we look at the wide variety of vibrations that occur within the cells of the body and the vibrations that occur later within the networking of the cells, we can see a tremendous number of opportunities for harmonicity interaction. Various harmonics can interplay not only in photons but electrons, sound, and other energetic activities. Our best example of harmonicity is that of the barbershop choir, where three or four singers can develop different notes and blend them into a harmonic, producing a much more pleasant-sounding note. This is known as a consonant harmonic resonance. This is very important for the factors of biology in helping to produce various states for biology and health.

In producing a calming, stress-reducing environment, we will need to involve many types of vibration including pleasant sounds, pleasant lighting for photons, and pleasant ionization. In Bio-Quantum Matrix we described a paradise in which the negative ion factors produced a maximum health-generating environment. Here we can see that in a harmonic way these factors can be additive, and that the sum can be greater than the sum of their parts. This is another way of describing the factors of harmonic resonance, where the summation of forces interacting can become greater than the sum of the individual forces themselves.

We can find that interference patterns are also produced, and that certain vibrations can be used to cancel out or negate other types of bad frequencies. Here we have the development of a Rife-type machine. Rife was rumored to have developed a machine that could generate various types of vibrations that could break up viral, bacterial and other microorganisms. This was done through developing a pattern forced into the body at these various frequencies that would attempt to harmonize with the microorganism intruder, and through the factors of resonance, shatter them. As we have pointed out, we are not sure if Rife really did develop this to its full extent. The amount of energy it would take to shatter a virus would be dramatic according to our calculations, and seemingly above that which a Rife instrument could develop. Perhaps the harmonic instruments he used had stimulating effects on the immune system and its ability to deal with these frequencies. Also it must be pointed out in our discussion of vibrational medicine that almost any type of electrical photon or sound vibration given to the body can have positive effects. We speak in psychology about the Westinghouse effect, in which a researcher went into a Westinghouse plant to try to find psychological ways of improving production. He found that when he moved the cafeteria, he had an increase in production. When he moved it again, he also had an increase in production. He found that whenever he set up studies and did operations, production seemed to increase. In other words, the final conclusion of the Westinghouse effect was that attention given to the system of the plant seemed to increase of productivity, the people liked the attention.

This is often the case with the body itself. The body likes to have attention. When it is given photon, electron, sound or ionization attention, it seems to respond. Often this response is interpreted by certain experimenters as being more profound in its effects, and they build machines to use universally. The machines do not always work differently from placebo.

We must develop a more scientific vibration theory, which is the purpose of this book on vibrational medicine. As we look into the factors of various waves, we must be able to chart out and statistically evaluate the types of vibrational medicine we are going to use. It is the plan of this book to help to open new dimensions for scientific thought in vibrational medicine, and to dispel some of the rumors and ploys evident in other events.

Many researchers have developed equipment that have attracted rumors, and it has become a strong factor in alternative medicine. Many of these inventions have true potential; many are just flim-flam operations that really do not have a strong basis in science. We attempt in this book to develop a firm scientific understanding of these vibrational factors, and then challenge them through statistical measurement endeavors to produce more refined and dynamic healing techniques. Many alternative practitioners will be put off by the fact that there are numbers, physics, statistics and mathematics in this book. It is with great dismay that I wish to challenge them, because it is numbers that have given us so much of our technology. Some of this technology has gone unchecked and needs humanization. So we have tried to involve human qualities in our technology as well as the science and statistics, so that we do not dispel or throw away any of our factors. We try to control them in human ways, and let science be our servant, not our master.

In Dr. Isaacs’s "Matrix" we are shown that numbers exist that dictate interplay of matter as well as interplay of forces. This interplay of forces is key to our understanding of biology. We have shown in the Bio-Quantum Matrix book that the factors of harmonicity and resonance have possibly been built by nature, or God Himself. This matrix seemingly has harmonic and Fibernaci relationships built into the system. The Bio-Quantum Matrix should be reviewed at this time for an understanding of some of the mathematical relationships built into the matrix that determine reactivity. These mathematical relationships allow for biology, and will dictate our vibrational medicine.

Harmonic resonance also dictates and shows us another form of reverence that we must build into our system. The total knowledge of all the resonance factors and the ways that a cell or set of cells in an organism can interact is infinite. As one organism interacts with another and with the environment, it goes past our understanding. This should produce some reverence; a way for us to look at natural systems of medicine in our vibrational medicine model. We do not want to just develop synthetic waveforms and think that their mathematical formulae are all we should consider in vibrational medicine.
The best vibrational medicine technique we can use on a system is the vibration of medicine in nature; the gentle waterfall, the pleasant wind, the non-toxic air, the gentle refrain of a loved one, the reassuring touch of a doctor with a good bedside manner. These are the factors that really should be looked at in vibrational medicine. Our development of harmonic frequency generators and function generators are merely side issues in comparison to the true healing factors of the human.

As we develop various mathematical precepts and devices, please let us not lose sight of some of the more dynamic healing factors that biology can assail. These devices should only be secondary, if not tertiary, in our treatment modality plan. Reverence of God and nature should always be our primary directive in setting our healing forces and directing our medical intervention (see the Natural Compendium of Dr. Nelson).

If we calculate a sine wave by frequency domain analysis, we can see that this type of wave will generate harmonic series. The harmonics will be raw integer multiples of the frequency. So if we see that the frequency equals 1 over the period, this will tell us what the basic frequency is that establishes the fundamental or lowest frequency of our proposed harmonic series.

Fourier found that if we superimpose these harmonic sine waves onto themselves, we can produce any type of wave within the structure. Thus we can produce a sawtooth wave, a triangular wave, a half-rectified wave or even a diamond-shaped wave. The dramatic complexity of waveforms in biology results from a vast number of interfacing waveforms. These are interactions between electron, photon, sound, and chemical waves, etc. These can be of a positive health-enhancing, derogatory, or disease nature. This difference is between entropic-type waves or organized quantum waveforms. If these waves are in harmonic action, meaning that they are multiples of each other, they will still have the same intersections. But we can produce a wide variety of shapes. In Fourier analysis, if the waveforms combined with each other are not in a harmonic series, then we can produce random shapes that also can be delineated into their Fourier components.

The Fourier theorem is the key to our understanding of frequency domain analysis. We already know a great deal about our sine waves. It is also possible for us to reduce periodic waves to their sine wave components. Analyzing these sine waves allows us to analyze the periodic wave.

Thus two approaches of nonsinusoidal circuit analysis can be developed. We can calculate the periodic wave and what it does at each instance in time or we can calculate what each harmonic does. Sometimes our first approach, which is dependent on time-domain analysis, is faster; and sometimes the second approach of frequency domain analysis is superior.

We have an example of a sinusoidal voltage producing a large swing along a transconductance curve. The nonlinearity of this curve will then produce current that is no longer sinusoidal. So the shape of the output curve is no longer a true duplication of the input shape. Since the output current flows through a load resistance, the output voltage will also have nonlinear distortion. This happens in cellular biology through membrane resistance, which affects the output capacities. This happens in the mega system of the body in acupuncture point resistance changes that regulate meridian voltage.

Below is shown nonlinear distortion from the time domain viewpoint.

The input sine wave drives the amplifier. The operation if a large signal will allow for an amplified output voltage that is no longer a pure sine wave. We can see now that there is more gain on one-half cycle than on the other. This kind of distortion is often called amplitude distortion. This happens in overloaded systems such as muscular fatigue or stress syndromes.

The frequency domain will give us insight into the amplitude distortion. In the above diagram we will see that the same situation can be shown from frequency domain. The input spectrum is at a single line of our fundamental frequency f1. The output signal is distorted, but is still periodic. Therefore it contains the dc component and the harmonics shown. We have stopped with the fourth harmonic. The point is that the waveform with the amplitude distortion contains a fundamental and harmonics. The strength of the higher harmonics then is the clue as to how bad distortion will be. Stress distorts the higher harmonics of the human system by enhancing their strength. This results in higher-dimension sensitivity in stress-related diseases.

Amplitude distortion is also termed harmonic distortion. In developing our vibrational medicine model this will be extremely important for us to be able to deal with these distortion models. The larger the peak values of the harmonics the larger the harmonic distortion. Stress treatments must be system-wide to be effective.

The simplest way to compare the amplifiers is to take the ratio of the harmonics to the fundamental. This will help us to calculate the harmonic distortion. The total harmonic distortion will be equal to the square root of the second distortion squared plus the third distortion squared plus the fourth, and all the way up to the nth distortion squared. This is developed in the system of mathematical analysis developed by The Quantum Med C.I.*. This allows for waveform analysis through Fourier techniques. Reactivity is then charted as the log of total harmonic reduction.

ENERGETIC EVALUATION OF THE BODY

(1) Attenuation for reduction of wave amplification; High and Low frequencies.

(2) Phase angle meter to check independent body variables; phase shift: inductive and/or capacitive.

(3) Current potential handled normally by the human body.
   a. Restoration in discriminating circuits
   b. Degree of conductivity - low, medium, high
   c. Voltage - low, medium, high. Normal potential energy
   d. Resistance - low, medium, high. Normal impedance
   e. Constant power dissipation at test time rate
   f. Dynamic transfer capacity of body electrons
   g. Amplification factor; gain; stability factors; degree of detection at varying frequencies and amplitudes
   h. Electrical balance - right and left sides
   i. Stabilization: frequency, voltage, ohms, temperature

(4) Frequency response - wave length - wave form
   a. Distortion of frequencies in the nervous system
One way to reduce harmonic distortion is through negative feedback. Negative feedback will reduce the harmonic or nonlinear distortion by desensitivity. If an amplifier has an open-loop harmonic distortion of ten percent, and the amplifier is used with negative feedback where the desensitivity is 100, then the closed-loop harmonic distortion will be reduced from ten percent to point one percent. The treatment system used on patients utilizes this type of negative feedback.

Another type of distortion is frequency distortion. This has little to do with nonlinear distortion. Frequency distortion can occur even in a small-signal operation. The primary cause of frequency distortion is a change in amplifier gain with frequency. Anxiety states are one example of this distortion occurring in a human system. This induces a hormonal or chemical component related to the neurological regulating system. Reductionistic techniques, which reduce these diseases to just their chemical nature, are inappropriate.

The input spectrum contains many equal-amplitude sinusoidal components. If the cutoff frequency of the amplifier is less than the highest sinusoidal frequency, the higher frequencies in the output spectrum are attenuated. Frequency distortion then is just a change in the spectrum.
For the sake of simplicity to understand this last equation, we can see that the inverting input effective, the designer must deliberately make the loop gain greater than 1. This will allow for ability. The product of AB is known as the loop gain. For noninverting voltage feedback to be extremely large voltage gains, very high input impedance, and very low output impedance. The rhythm depends on error voltage regulation.

Let us look into some descriptions of negative feedback. One of the most basic types of negative feedback used in electronics is noninverting voltage feedback. This type of feedback used input signals to drive a noninverting input of an amplifier. A fraction of the output voltage is then sampled and fed back to an inverting input. An amplifier with noninverting voltage feedback will tend to act like a perfect voltage amplifier, one with infinite input impedance, zero output impedance, and constant voltage gain. A biological example of this is proprioceptive connection of sensors and muscles. This feedback system allows for motion, or for standing still.

In positive feedback amplification the output is sampled and returned to the input. This feedback signal can produce remarkable changes in circuit performance. In negative feedback, however, this means that the returning signal has a phase that opposes the input signal.

Negative feedback then provides stable gain, less distortion, and more bandwidth. The first attempt to patent such a device was by H. S. Black. His original patent was rejected because it was supposedly another perpetual motion folly. But as it turns out, it was very important and valuable for electronics.

In feedback amplification the difference between the noninverting and inverting input voltage is called error voltage. Its symbols are Uerror = U1 - U2. Error voltage is amplified to get an output voltage in which Uoutput = AUerror. A is very large. To avoid saturation of the output transistors, the error voltage is kept very small. Biology uses many such error voltage units in the cellular and neurological levels. An example is in heart arrhythmia, where regulation of proper electrochemical rhythm depends on error voltage regulation.

Many op amps are made which can use this type of inverting circuitry. Most op amps have extremely large voltage gains, very high input impedance, and very low output impedance. The 741C chip has values of A = 100,000, rin 2 MΩ, and rout = 75Ω. Voltage dividers return a sample of the output voltage to the inverting input.

This is the key to the microvolt amplifier used by The Quantum Med C.I. in just one of its’ many treatment modes*. It is similar to the Mora unit made in Germany, but is superior in its bandwidth ability. The product of AB is known as the loop gain. For noninverting voltage feedback to be effective, the designer must deliberately make the loop gain greater than 1. This will allow for voltage to be boot-strapped to within microvolts of the noninverting input. This means that open-loop voltage gain is another way of describing the voltage out and voltage in ratio.

**Bacteria Electroctitio the ZAP Phenomena**

The devitalization of bacteria is readily demonstrated by simple ionization of the cells causing their complete breakdown into atoms and microscopic pieces. No one questions the fact that the human cell organism can be electrocuted. It is merely done by applying the proper voltage and current to provide the resonant or death impulse. The cells of virus, bacteria, worms, and microscopic fungi are in the neighborhood of 1,000,000 times less strong in the strength of their cell walls than the cell walls of the human body. Thus by application of the proper resonant frequencies for these parasites their destruction is accomplished without harm to human cells, but, in fact, an aid to the metabolism of the human cell by inducing needed energy from an already weakened condition owing to lack of potential electron energy. Frequency instruments provide these electrocuting resonant frequencies to devitalize parasitic human killers, which cannot be considered in any sense a USELESS DEVICE. The organized suppression of the truth is a crime of the state of California and a sin of the men who rally to the cause of drug addiction.

Many people have written about the field of Zapping and microorganism electrocution. Rife might have started it, H. Kruger did it in more detail. But her lack of a true science and electronic background stopped her from getting attention. The question is if a small insignificant risk current of the appropriate frequency band can effectively destroy a pathogenic intruder. There is very little scientific study data to support the basic treatise of the zap. Lots of anecdotal evidence of people feeling better, but no dbl blinds, no pre post culture of any size, mostly supposition. Till now.

The first question is what is a pathogen? Many times a bacteria or other microorganism is found but they are not pathogenic. When you go behind a restaurant you find garbage, then you will find flies. It is wrong to think that the flies cause the garbage. The fly and his off spring carry away garbage, it is their biological function. What we at first sight see as a pathogen might be a helper at a longer look. But even a helper can become opportunistic at times.

The zapping function of the SCIO is a simple function provides a safe frequency band (not one frequency) of a specially designed and measured wave form for each potential pathogen. This is applied with an auto-focused system that will be modifies by the patient’s body electric. The results are that certain pathogens can be diminished in number. The function stimulates the immune system of the body for regulation of opportunistic invaders, and the detox system to get rid of the garbage. Of course we always support the work with pro-biotics, homeopathics, and other natural help.

Our studies have shown that this is successful on papiloma virus, strep and staph bacteria, and intestinal parasites. The effect is measurable but slight. If there is no results seen after the first two days consider stronger pharmaceutical action.

Rife used higher levels of current. “If a current of great intensity is passed through a culture... however, electrolysis will result...” In a saline solution electrolysis causes the ionization of sodium and chlorine. Chlorine gas does kill bacteria, viruses, etc., so in this area the electrical current does not have a little effect; it means total destruction for the bacteria. “Heat, also, will be generated
and, if sufficient, may kill the bacteria.” Thermal death points have been well established by Royal R. Rife’s laboratory research over a period of many years. Thermal death point merely tells us when the last survivor of all has expired in time. In milk pasteurization 62° C is used for 30 minutes. 80° C is considered the high level for thermophilic (heat-loving) bacteria. Currents generating temperatures over 80° C will kill even these “high-temperature” organisms, and so in this area the electrical current does not have a little effect; it means total destruction for the bacteria.

The potential energy level of the force in electrons to kill bacteria is known in common terms as microvoltage, millivoltage and voltage. The resonant frequency level at which the band pass of the bacteria, virus or worm, etc. reaches its resonant peak with respect to frequency is induced by frequency instruments that generate the required electron potential resonant level, originally known as the Mortal Oscillatory Rate (MOR). Royal R. Rife discovered a MOR for each parasitic virus (like cancer, T.B. polio, etc) and for each parasitic bacteria (like staph, strep, syph, tetanus, typhoid, etc) by using critical energy levels on pure culture strains in controlled experiments for twenty years.

When the microorganisms reach resonance, their atoms are ionized and disintegrated just as salt dissolved in water, and their death occurs in microseconds and the kill is 100%, not 90% or 80% as in pH death, from chemicals that only reach surface contact areas. The electrons go into every cell in the human body to do a thorough “housecleaning”.

**The Postulates of Electrostatic Phenomena**

1. An electric field may be divided into lines of force. These lines organize in a trivector signal.
2. Each line terminates at a positive charge on one end and a negative charge on the other.
3. The lines throughout the field coincide with the direction of the electric stress.
4. The lines behave as though they were stretched electro-elastic forces, always tending to contract and bring together the negative and positive charges.
5. A line of force between two conduction surfaces must always meet the conducting surfaces perpendicularly. This must be so from the very nature of the assumed static conditions. If a line of force entered or left a conducting surface at any other angle than normal, it would have a tangential component at the surface that would cause the movement of charges within the conductor. This would constitute a continuous electric current. Since currents do not flow along the surface of a conductor in an electric field in a static system, the junction of the line of force and the surface must be at right angles.

In using a noninverting voltage feedback system we will see that there are stable voltage gains, as a possible plus. It also can help to improve input impedence, output impedence, nonlinear distortion and output offset voltage. Desensitization in the feedback amplifier is how much voltage gain is reduced by negative feedback. This is also an advantage of our noninverting voltage feedback system.

In a noninverting current feedback system an input voltage drives the noninverting input of an amplifier, and the output current is sampled to get the feedback voltage. An amplifier with noninverting current feedback will be similar to a perfect voltage-to-current converter, one with infinite input impedence as well as infinite output impedence in the presence of a stable transconductance. In the next figure we can see an example of an ac equivalent circuit, which is a feedback amplifier of a noninverting current feedback.

Load resistor and feedback resistor are in series within this circuit. The load current passes through a feedback resistor. Feedback voltage is proportional to the load current because Wherever a feedback voltage is proportional to the output current, the circuit is said to have current feedback. This is the key to neural transmission, and controls the sodium pump.

Current feedback will stabilize the output current. This will show that a constant input voltage produces an almost constant output current despite changes in open loop, gain and load resistance. If we try to increase output current, negative feedback will eliminate its effect.

**Oscillation going to zero**

If SW is thrown left, battery charges C by removing electrons from the top plate and storing them on the lower plate. This action stores energy in the electric field of the capacitor. Now turn the SW right and C discharges through L with electrons moving from the lower plate back to the upper. The rising current through L will store energy in the magnetic field around it. When C becomes discharged, the energy of its charge will have been transferred to the magnetic field L. This stored energy in L will begin to charge C as it continues the flow of electrons to charge C with a reverse polarity. This continues until all the energy in the magnetic field has been transferred.
to C. Then C begins to discharge again with a reverse direction of electron flow. The period of frequency determined by its resonant frequency is:

\[ f_{\text{sub}} = \frac{1}{2\pi \sqrt{LC}} \]

The cycles per second may be controlled by changing L or C. Thus the impulses are controlled by a combination of these forces acting in all circuits and within the components of the human body.

The output of the tank circuit shown above is shown at its peak-to-peak value with oscillations going down to slowly reach zero. In starting up, this process is reversed as C and then L "fire" their collected electron energies back and forth to create any frequency required for functions.

In practice oscillators are classified by waveform and principle used for excitation with four methods: (1) feedback (external), (2) negative resistance, feedback (internal); (3) mechanical (crystal vibration), (4) relaxation. The human body oscillator for the heart is described as a negative resistance internal feedback in the control heart in the carotid plexus (artery), which is connected by the vidian nerve and the superior cervical ganglion of the sympathetic part of the autonomic nervous system, which branches off from the spinal cord in the thoracic area. This tiny heart acts as a monitor for the large heart. When the body is excited or exercised, the parasympathetic nervous system releases additional negative feedback, which throws a bias on the oscillator tank circuit and increases the frequency and stimulus rate so that the muscles of the heart can beat faster to compensate for the demands of additional oxidation made by such excitement or exercise. Burning up energy or exciting new rates of oxidation in the body cells increases the release of electrons or negative potential. On recovery, fatigue may follow as the body seeks to balance the reactions.

Accompanying the frequency are the harmonic frequencies which are multiples of the original or fundamental frequency rate where the number of impulses are measured in cycles per second. Fourier’s law states that any compound wave may be regarded as the sum of a series of simple waves whose (resonant) frequencies bear to one another in the ratios of 1, 2, 3, 4, 5, etc. For example: middle C = 264 cps; 1st overtone is 528 cps; 2nd overtone is 792 cps, etc., and where the fundamental frequency is 264 cps. Thus vibrating strings have periods of resonant moments just as electrons have resonant frequencies in nonlinear harmonic distortion, which can be displayed by waveforms using and introducing filtered or non filtered harmonics of the original frequencies.

Like most complex waves a square wave has harmonics that decrease in voltage as their frequency increases. The relative voltages of harmonics in a square wave are easily measured with the use of an LC ringing circuit.

In checking inverting current feedback, we can see that an amplifier with an inverting current feedback will act like a perfect current amplifier that has zero input impedance, infinite output impedance, and a constant current gain. Here we can see that the inverting current feedback has some advantages and disadvantages.

### Inverting Current Feedback

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Symbol</th>
<th>Effect</th>
<th>Formula</th>
<th>Electro-acupuncture Reading</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current gain Input impedance</td>
<td>(\text{ou(t/ln}(CL))</td>
<td>Stabilizes</td>
<td>(1/8 \frac{1}{1 + AB)})</td>
<td>Body voltage</td>
</tr>
<tr>
<td>Output impedance</td>
<td>(\text{Udist(CL)})</td>
<td>Increases</td>
<td>(1 + A + AB)</td>
<td>Acupuncture point resistance</td>
</tr>
<tr>
<td>Distortion</td>
<td>(\text{Voo(CL)})</td>
<td>Decreases</td>
<td>(\text{Vout(off)(1 + AB)})</td>
<td>Acupuncture point resistance</td>
</tr>
<tr>
<td>Output offset</td>
<td>(\text{rout(CL)})</td>
<td>Decreases</td>
<td>(\text{rout(CL)})</td>
<td>EPR wave EEG</td>
</tr>
</tbody>
</table>

In developing a system of medicine we can see that there are many types of feedback that can be utilized by the electronic system of the human body. This also has chemical counterparts. In developing all the electrical correlates, the body has chemical backups through the endocrine or hormonal system.

Our system of energetic medicine must develop ways of analyzing the feedback loops within the system, and how they regulate acupuncture point, voltage, resistance, impedance, capacitance and inductance. This document has been written to help us discover many ways to not only diagnose diseases through the reading of the electrical nature of these acupuncture points, but also to develop treatment modalities in which our systems can be utilized to help regulate the overall feedback loops of the body, and thus return the patient back to a state of good health.

It is the purpose of this book to define some of the probable laws we must keep in mind while we develop these systems further. To chart practical systems, we point the reader towards the Natural Compendium of Dr. Nelson. This can be used to deal with patients on a therapeutic basis. The Physical Diagnosis of Dr. Nelson relates various ways in which the electrical readings of the body can be utilized in complex systems to help us diagnose diseases.

Mention must also be made of morphic resonance as an inter-dimensional shape transfer. This is covered in our first book, Quantum Biology, which should be reviewed at this time. Thus we can see that there are unexplored and untapped factors in biology and medicine.

### Intercellular Transmission

1. Inductance, counter-electromotive force, inductive reactance, voltage and current in L-R circuits, mutual inductance, etc.
2. Capacitance, generation of conductance, capacitive reactance, phase shift, current and voltage in an R-C circuit and phase angles, impedances, Time constants, series and parallel circuits, etc.
3. A-C circuits with inductance, capacitance, and resistance including series and parallel L-C-R circuits and their components.
4. Tuned circuits and resonance, frequencies at resonance, bandwidth, Q of circuits, filter circuits, etc.
5. Transformers for audio and light waves, impedance matching, etc. The networks of windings are in the cerebral hemispheres.

6. Audio amplifiers, hybrid parameters, open-circuit and short-circuit parameters, stabilizing circuits, pH controllers, bridge connections, feedback circuits, switching characteristics, triggered circuits, gating circuits, summing junctions, PNP-type junctions, NPN-type junctions, motor boating of low frequencies, collectors, emitters, bases, assumed biasing, and related reactions, etc.

Frequency impulses of 5 to 150 cycles per second are sent over closed-circuit nerve fibers of 1/100 mm in diameter. Intensity of sensation is dependent upon the rate at which one impulse follows another frequency or impulse. A nerve may contain several thousand nerve fibers.

**Capacitance**

It has been explained that inductance is that property of an electrical circuit that tends to prevent a change of current.

Capacitance is that property of an electric circuit that tends to oppose a change in voltage. Capacitance is then seen to be an electrical inertia opposite in effect to inductance and similar to a natural property that opposes a change of forces high in either positive- or negative-polarity electrons. A capacitor offers no immediate opposition or reaction to applied current flow but offers maximum reaction to removal of applied voltage from a charged capacitor. Thus a capacitor always offers a delayed reaction to voltage. Capacitance is defined as that property of an electric circuit that opposes voltage changes.

A capacitor consists of any two conductors separated by an insulator. If impulses are applied to a capacitor, current flows at a maximum instantly and then falls to a minimum as the voltage across charged capacitor builds up. A charged capacitor stores voltage for an indefinite period.

If a charged capacitor is short-circuited, current flows at a maximum instantaneously in the opposite direction of charging and then gradually falls to a minimum as voltage goes to zero. For a given capacitor the ratio between the charge on one plate and the voltage causing it is always a constant.

The ration of electron charge “Q” to voltage “E” is the measure of capacitive action, called capacity, labeled “C”, and is measured in farads. Thus C = Q/E. A farad is the capacity of a capacitor on one plate in which a charge of 1 coulomb is deposited by a difference in potential of one volt.

Different insulating materials or dielectrics show electrostatic permittivity and different resistances in breakdown voltages, usually having unit thicknesses of 0.001 inch. A capacitor prevents instantaneous rise or fall of voltage in a circuit, the delayed counter-voltage aiding an impulse current flow.

A capacitor is an open circuit to direct current and a conducting path to alternating current. In semiconductors the average value of collector-base capacitance may vary from 2uuf for high Hertz to 50 uuf for low frequencies (audio) while collector-emitter capacitance is normally ten times greater. The effect is used to modulate oscillators. Capacitance coupling is used where input impedance is below 75 ohms resistance.

When switch is open, capacitor is uncharged; that is, (in relation to electrons) no difference in
Library Functions / Social Interviews

The SCIO system is designed to operate around a primary behavioral interview. Most of the diseases today are caused or complicated by the patient's behavior. Patients will try to escape responsibility and blame others for their disease or they will expect the therapist to just give them a magic pill. There are therapists who do not believe they should ask personal questions such as do you smoke or exercise. What I have always said is that those therapists have chosen the wrong profession. There are several vocational opportunities in the house cleaning and fast food industries. It is not your responsibility to change your patient. You do not follow him home and knock the cigarette out of his hand. But it is your job to help him take responsibility and take the cigarette out of his own mouth. It is your job to report such problems and complications and to help your patient to improve his wellness and health. If they do not want to change their behavior it is their business and you should now help as best you can.

Hahneman wrote that certain behaviors can suppress or obstruct the healing, curative and recuperative powers of a patient. We have designed our inventory to reflect the Suppression and Obstruction to Cure (SOC index). It will serve to help educate the patient, increase responsibility, improve the readings, and improve your chances to help. Take some minutes to inventory the patient's SOC index and recognize that it can change. It is not stagnant nor should it be. A copy of the SCO questions is:

Supression and Obstruction to Cure

SOC Index

The SCIO interview opens with a behavioral medicine interview. This is called the SOC Index. Named after the work of Samuel Hahneman the father of homeopathy, he said that the body heals itself with it's innate knowledge. But the patient can suppress or obstruct the healing process with some behavior. Hahneman said that the worst way to interfere with the healing natural process was allopathy or synthetic drugs. Theses upset the natural healing process by unnatural intervention and regulation disturbance. Other ways to Suppress or Obstruct the Cure are smoking, mercury amalgams, stress, lack of water, exercise and many others. This behavioral survey then gives an index of SOC.

The scores relate to the risk of Suppression and Obstruction to the natural Cure. The higher the scores the more the Suppression and or Obstruction. The scores of 100 or lower are ideal. The SOC index questions are: mostly based on a scanine (1-10) answer. Some answers can be more.

These questions include:

1. Number of organs removed:
2. Number of Synthetic drugs taken currently:
3. Number of cigarettes you smoke a day
4. Number of metal or amalgam fillings in the teeth during the last year:
5. Number of street drugs used per month:
6. Number of known allergies:
7. Number of unresolved mental factors:
8. Are you responsible for your body and the diseases you have:
9. Amount of fat in diet as a percent:
10. Personal stress 0-10 10 being max. Numbers can be larger than 10.
11. Number of sugar servings per day:
12. Number of exercise sessions 20 min or more per week:
13. Number of alcoholic drinks per day average:
14. Number of cups of coffee or any caffeine product:
15. Number of extreme toxic exposures last year:
16. Number of major injuries in past:
17. Number of major infections in past:
18. Number of glasses of water or natural fruit juice per day:
19. Number of pounds overweight:
20. Interpersonal stress 0-10 10 being max. Numbers can be larger than 10.
21. Job-school stress 0-10 10 being max. Numbers can be larger than 10.
22. Money stress 0-10 10 being max. Numbers can be larger than 10.
23. Sickness stress 0-10 10 being max. Numbers can be larger than 10.
24. Family stress 0-10 10 being max. Numbers can be larger than 10.
25. Desire stress 0-10 10 being max. Numbers can be larger than 10.
26. Bowel detox stress 0-10 10 being max. Numbers can be larger than 10.
27. Sweat detox stress 0-10 10 being max. Numbers can be larger than 10.
28. Urine detox stress 0-10 10 being max. Numbers can be larger than 10.
29. Mucous detox stress 0-10 10 being max. Numbers can be larger than 10.
30. Skin detox stress 0-10 10 being max. Numbers can be larger than 10.
31. Sleep stress 0-10 10 being max. Numbers can be larger than 10.
32. Number of Root canals:
Each of these questions relates a behavioral burden on the body that can create a suppression or obstruction to the curative process. Scores below 50 are very good and show little risk of suppression or obstruction. Scores above 50 and below 100 are good and show some chance of suppression or obstruction to cure. Numbers above 100 are of risk.

**Homeopathy and Symptom Repertory**

Inside the SCIO system there are many question inventories, but few more important than the Homeopathy symptom inventory. To record a headache is a symptom. To record a migraine is a diagnosis. To record a lump is a symptom. To record a cancer mass is a diagnosis. I have written the definitive book on this to help you to learn how to operationalize symptoms without diagnosing. This is the process of homeopathy. Everything a homeopath does is in the SCIO system for easy use. It begins with a repertory of symptoms. From here all homeopathy expands. See Therapist Operationalize book for details

**Accuracy of the SCIO XRROID test - the need for a calibration function**

There are many factors that can affect the electrical readings.

1. Aberrant electrical noise
2. Patient movements, jaw, eyes, thoughts etc
3. Inaccuracies of QQC test of compounds
4. Patient differences in physiology age etc.

So a calibration process is used in the patient visit. There are in the system the energies of the most un reactive substance known- pure distilled water. Even thirsty people do not react well to it. Then a combination of the most reactive compounds known produce the most universal reactant. The system test the patient at the maximum recorded speed of a human or one hundred and 10th (1/110 of a sec). If they can react to four vials of the highest reactant and not the 18 vials of the water, then they react at this speed. If they do not the system goes to 1/109 of a sec and continues till the proper speed of reactivity is found and repeatable.

It is impossible to get 100 percent accuracy. In modern medicine the dream is significant accuracy of 98% or so. They need this goal because their therapies and interventions are harsh (chemical side effects, radiation, surgery etc). Since our therapies are soft (nutrition, homeopathy, exercise, networking, etc) we do not need 98%. So our system is set to allow testing at over 75%. Most will have accuracies rating at close to 85%.

With this in mind and the fact that there are some unlicensed people using the device we must have a policy to help protect people from false positives or false negatives.

We have a disclaimer, a waiver, and a medical referral procedure.

A disclaimer to explain the inherent inaccuracies of the system. A waiver to get the patient to understand the real nature of the visit. And a medical referral to question the possibility of contraindications and to get a medical doctor in th loop for support. Copies of each are in the appendix.

Since this EPR can cascade and resonate, this bioresonance has significance in biology. It can be used to correct and address certain issues of health. This is the work started in bio-resonance in Germany years ago. Biofeedback is also bioresonance as the feedback of a signal in a cybernetic loop is feedback.

**Biofeedback is bioresonance and bioresonance is biofeedback.**

There are many areas of discussion we did not cover, but this intro is a start of your education and development. Welcome to the path.

Well we’ve looked at the body electric, got introduced to QED, found out about the volt-ammetric signature of a homeopathic versus that of a patient, learned about rectification, Electro-Physiological Reactivity, Xroid, cybernetic loop, Bioresonance as biofeedback, basic electricity, and it’s fields. So we now are introduced to a more advanced form of medicine. A truly modern medicine. Of course this medicine is drug free and this fact leads to malicious attacks on all involved with the technology.

I was able to register this system with the FDA in 1989. I was able to beat the FDA and get the acupuncture needle registered in 1996. Now the forces of the natural medicine haters in the FDA are attacking me again in 2008. A modern day witch hunt. Can God do what he has done before? Time will tell. God will determine the result. But God needs help.

It takes massive courage to remain steadfast. The man who left America to find freedom, who is no longer a man. **When a man sees a wrong and does not correct it he is no longer a man.** Well I guess I am a man after all. Because this man will not back down.

*Desiré D. Dubounet*
When I put this on my poster at the World Congress on AIDS in 1996, I did not think that my life was soon to be threatened.

My dedication to the truth of Natural Medicine and the courage to face an international slave trade gang would be challenged. As they tortured and tried to kill me, the macho man in me faltered and gave up. The man in me died, but the women in me was driven to not only survive but to flourish.

After escaping I decided to honor the women in me. The powers that be stopped trying to kill me when I put on the dress. But now almost 15 years later, the women they thought no one would take seriously, has become very powerful. It is time to take this seriously, time to stop the hypocrisy, stop the greed and face our false beliefs.

### References


“There is an old Chinese proverb

“If a Man sees a wrong and does not correct it, He is not a man”
Desiré is the Professor Emeritus of IMUNE. IMUNE is an accredited and legally registered medical university in Europe.

Since 1995 IMUNE has been offering medical education in a variety of subjects to defend and perpetuate Natural Medicine. There are many small minded people being driven by the Skythic chemical companies to destroy Natural Medicine as a viable choice in Medicine. IMUNE has offices in Switzerland, Mexico, Dubai, Budapest, England, and the British Virgin Islands. The small petty minded pharma shrines of the chemical companies constantly attack with their usual retentive biased short sided views. We must fight for freedom of choice and especially freedom of choice on medicine.

Education... 
...free from Borders  www.imune.net
The Movie “The Secret” is wrong. You do not completely create the world or the events around you. You do completely control your interpretation of the world and the events around you.

It is not the Law of Attraction, it is an Effect of Attraction. It is a Law of Interpretation. There is the law of gravity. What goes up must come down, but there some few exemptions. This constitutes a law. It is seldom changed. The Law of Interpretation says that any verbal human will interpret what has happened to him based on his experiences, beliefs, and philosophies. He will always impose an attempt to explain what happens to him. Even “Shit Doth Happen” is an explanation.

In physics a weak force can affect things. We have the “observer effect” and the mind has been proven to be able to affect things. There is power in the human mind to affect objects. Telekinesis, remote viewing, Extra-Sensory Perception etc are all proven to be possible, but the effect is weak. But the effect is there. (see the “Proof” movie)

We can affect our lives and we have some very small control over objects, the world, and the events around us. But we have great and complete control over how we interpret the objects, the world, and the events around us.

All of the people in Hiroshima did not wake up that August morning and create the bomb, nor did they deserve it. All of them later interpreted the results. Most saw the bomb as a negative event. But some saw it as a growing event and a positive result. Nelson Mandela came out of jail after more than two decades and saw it as a positive thing. Some people can find the positive in the most horrendous events. We completely control the interpretation of the objects, the world, and the events around us. Some use negativity to describe the events, some use positivity but all interpret the events. All do this from within their own brains. The state of your brain determines the state of your interpretation of the world around you.

Some people are always happy and they learn to find the silver lining in every cloud. Some people are always dissatisfied and find fault in all around them. But all of us completely control the interpretation of the world around us. We do have some limited control of the world around us but we will never have complete control.

“The Secret” is wrong, in that you cannot just sit at home and think of things and bring them into your life. “The Secret” is right that you can affect your life positively and you can dramatically increase your chances of getting what you want. If you want to get a job you must fill out an application or two.

People think there is a law of attraction, but it does not hold out as a way to predict things. If it were a law then we could predict things. Example: if someone throws a rock off of a building and there is a crowd below, someone in the crowd will get hit by the rock. Now we might say the bad guy got it because he deserved it. The good guy got it because he was too good. The sad guy got it because he was negative and he brought it to him. The happy guy got it because he needed to learn a lesson. But in truth we do not know who gets it before it is done.
The Body Electric
integral details simplified for SCIO therapists

Go to http://imune.name to learn and to get your course materials. You could get a Doctorate in Wellness and an international or accredited European professional qualification in neurophysiological bioresonance and biofeedback.

The Tassel is worth the Hassel. In a world so concerned of Wellness can be yours in just 12 months of Home Study, a simple thesis, a practicum and four days of monitored supervised contact.

Their money controls governments, regulators, and the small minded media. The Ultra Rich Master Echelon Computer now sees and hears all the things we say, write, and do. Rights of privacy are gone worldwide. They have taken away our rights of free speech.

Big Tobacco, Big Sugar, Big Pharma, Big Oil, and Big War Industry are exempt from lay and they kill and injure, maim and cripple in the name of profit. They seek to control and dominate medicine to further build their profits.

The Ultra Rich control the media and refuse to tell stories that expose or offend the Ultra Rich Power. They control every movie that gets distribution, every song that hits the radio, everything that is put on the world news. They use science and psychology to control and manipulate the minds of the masses.

But medicine is controlled by Universities that teach medicine. There is now one university starting to defend Natural Medicine. IMUNE has a new 12 month home study course that can be bought with Karma and you can learn how to do natural medicine and how to break free from the Ultra Rich control.

Well, the game of Reality Monopoly is still being played all over the world. One percent of the world’s population is winning and now controls over 80% of the wealth. The law allows the game to continue till we will see one winner and 6 billion plus losers.
If there were a law we could predict the outcome easily. We could put a crowd in place and let one guy focus on wanting the rock to hit him and he does chants of mantras I want the rock. The rest of the people do chants of protection and affirmations that they are protected from rocks. We throw the rock and no matter how powerful the meditations we just don’t know who will get it till after it hits.

After it hits we then are always able to explain it. We say the bad guy got it because he deserved it. The good guy got it because he was too good. The sad guy got it because he was negative and he brought it to him. The happy guy got it because he needed to learn a lesson. The human mind can interpret things very well after the fact. President Gerald Ford said that Hind Sight is 20/20. But Fore Sight is just probability theory. The law of interpretation holds fast.

When President Harry Truman dropped two bombs on non-military target cities of women and children, there was so much radioactive fallout thrown into the air. If one of these alpha ray or beta ray fallout products were to be ingested or breathed in the person would get cancer and die. There was such an increase in cancer in America after the three atmospheric detonations of atomic weapons of mass destruction that the world had to declare atmospheric atomic detonation illegal. Harry S. Truman killed more Americans with fallout over the next fifteen years than he killed Japanese on that day. Here once again people interpret his actions based on their own perceptions. In some minds he was a hero, in another mind he is a War Crime criminal. But I feel if more people knew what happened there would be more people thinking the later. (see the movie “War Crimes Trail of Harry S Truman”)

Now who got the radioactive fallout, the good, the bad, the ugly, the deserving? The answer is we cannot predict, but we can always explain. Whatever happens people will step forward and explain why. You do not completely create the world or the events around you. You do completely control your interpretation of the world and the events around you. Your mind interprets what is around you.

In sports we can analyze, study and examine the details of the two teams competing. If there was a law of attraction we could always or at least generally predict a winner from who attracts it the most. But this is not the case. We must play the game. And no one knows the outcome. But after the outcome everyone steps forward with and explanation. Your mind has a weak power to affect your surrounding but a strong firm power to interpret events after they are completed.

The condition of your mind, spirit and soul determines how you perceive the world around you.

God and The Cosmos

I believe firmly in a God that does guide all of us for growth and spiritual development. This allows for karma as well. The theory of the big bang states that all of the energy in the universe or at least a big chunk of it came through a singularity in one to the minus forty third of a second. Matter will later evolve from condensation of this energy. This means that all things all particles have a quantum entwined history. Particles of quantum energy that were once entwined can communicate with each other as in Bell’s theorem. The PEAR project proved that there was a connectivity of things and that the human mind a known quantum engine could communicate with things. There is a God consciousness of the universe. This God consciousness determines who gets the radioactive particle.
We have a part of the God consciousness in us. But just because a drop of water has the same characteristics as the ocean the drop should not think it is the ocean. We have some small part of this power in us but we need to be humble.

So the message to the "What the Beep" people is firmly you can affect your world slightly. God controls your world completely. We need to have humility. You need to act not just think. And you do control your interpretation of the events completely.

And people will interpret their reality as they see fit, and often this means they will adjust their interpretation to fit their belief system. I have seen scientist observe undeniable data on UFO, the powers of the mind, psychic phenomena, Ghosts etc and after seeing irrefutable evidence they adapt an interpretation to fit their dogma. It is difficult for people to face their disbeliefs.

We don’t create the world around us we interpret how we see it.

They say there is always a quote "RATIONAL EXPLANATION". Of course the rational human mind after the fact can always make a rational explanation. This does not mean it is true but they must do it to preserve their belief system. Any rational explanation will do to allow them to drop pursuit into paranormal. For maintain a false belief is more important than truth.

Science has lost itself into a search for funding and in saving face. It ignores many obvious truths that should get more consideration and Rational explanations are easily accepted for too many phenomena that should be explored. Rationality and Rational explanations becomes a religion to these people who rationally reject religion.

The human mind must try to preserve its integrity. Everything we do has error built in; some would say that this alone guarantees the uncertainty problem. But this alone would imply that technology might solve the problem with less error. But in fact indeterminacy goes beyond error and extends to all things at the core of existence.
They Say "god made man but Samuel Colt made them equal"

\[ \Delta x \Delta p \geq \frac{1}{2} \hbar \]

FreeWill

"Heisenberg gave Man free will"

The World we Live in Has Indeterminancy built into it
There is Error in all things but the Indeterminacy Principle goes beyond Error the basic core of all existence is indeterminant

Even when we know the way things should turn out we must Play the Game. Because we just don’t know, in life things have a degree of indeterminancy built in, and sometimes "Shit Happens", Owen’s Law

Institute for Advanced Hindsight
Research into what should have been
Here Rational Science explains the Paranormal

Institute for Advanced Hindsight
Research into what should have been
Our job is to Po Po the Paranormal and Quantum Physics as Long as we can hide the truth
You Can Take the Indeterminacy principle too far. Even though it is true and we do have Free Will. We must act on what we know and try to act on our predictions of outcomes. We need to play the game of life as best we can. And see where the outcomes lead us.

We need to find a balance of rationality and indeterminacy. The Yin versus Yang. There is a need for rational logical linear thought as in Western philosophy, but it is not the only path to knowledge. The Eastern ways have more of the other side of the brain working finding dreams, art, beauty, intuition. There is a male and female mind, a left and right hemisphere, a dreamer and doer, a ‘see’-er and a ‘be’-er, a watcher and a player, an active agent and a passive one all in each of us and many more. As we learn about the differences and the polarities we learn about ourselves. We learn to be the best we can and how to face life when ‘Shit Happens’.

The best doctor is the doctor within. The best teacher is the teacher within. When you discover this and you activate it with modesty and humility recognizing what you don’t know is always greater than what you know, life is much better. You can do anything it is just a matter of time.

\[ \Delta x \Delta p \geq \frac{\hbar}{2} \]

"But you can’t go through life applying Heisenberg’s Uncertainty Principle to everything."

You can take the Indeterminacy Principle too far.
Laws Versus Rules

You can call me anything except late for dinner

But if people respect personal freedom they will call me my chosen name Desiré.

Some people are more caught up in the way something looks rather than its true nature and some people have limited minds but if you are true to truth, and you respect freedom over conformity then You can call me Desiré. I am deeply respectful of the law, in that way I am very very conservative.

But I am very suspicious and not respectful of rules. There is a law in South Carolina that says a person labeled male on his birth certificate cannot openly dress as a female. So I won't visit South Carolina. For the rest of America this is a rule not a law. I do not respect the rules of conformity. I do not respect the rules of convention or tradition. I challenge them with one word freedom. Small petty minds try to take away freedom and prefer tradition.

Once a FDA agent came into my office in Denver Colorado and he demanded we close up the shop because he said homeopathy was illegal. It was a rule he said. I took him into the office and showed him the FDA law. The FDA was founded by a homeopath. Homeopathy appears three times in the first three pages. He apologized and left.

You see the law is how we run our society. And our society makes and assumes rules. Many governmental people do not know the difference. They even think a rule is sometimes a law. But the law is always written on paper and can be read and enforced. Still there are times we need courts to decide when police or enforcement people have differing opinions than the public. Such was the case in 1996, when the FDA had a rule to ban acupuncture. The FDA thought that this was a law. I challenged this rule. And I won acupuncture became a real medical art in March 1996 because of me. I used the law to change the rule.

Right now many people thing that energetic medicine is illegal. This is a rule not a law, and I fight to defeat this rule and preserve the law. The law allows energetic medicine today. I am sure that we will need to go to a judge to decide this someday.

I do not break laws. I work diligently to obey laws. The FDA has broken the law in their vendetta against me and One day I will prove that. I left America in March right after Judge Matsch made the FDA and the Prosecutor dismiss the case against me on leap day 1996. The FDA went to Washington in June 1996 and tricked a Grand Jury into illegally making a bogus indictment against me. There was no charge against me when I left. So I did not flee, nor am I a fugitive.

I am a concerned citizen who is waiting for an American judge to rule on the validity of my case before I return. I have obeyed every law and always do. But everyone has denied me a judge to rule on the validity of the indictment against me. I have been warned of a conspiracy against me to have me put away without the chance of seeing a judge how could free me like the last one did.

I do not respect nor do I feel obligated to obey rules. Salesmen think that it is a rule they should wear a suit. I tried to tell them that most everyone knows to never trust a suit. But he is caught between people who are confused by rules and think their rules are law.

I have changed my name and sex rating in America. There are three American ID papers used, Passport, Driver’s License, and Voter’s registration. My medical papers say I am both sexes and can...
chose which one I want. My only driver’s license from Kentucky lists me as Desiré Dubounet and female. My voter’s registration in Colorado is as Desiré Dubounet and lists me as female as well. So by American law I am Desiré Dubounet and female. This is the law, but for some this voids a rule. For some rules are more important than laws. It is a pity. For me law is more important than rules.

My name is legally in America, Europe, Africa, and around the world is Desiré Billie Dubounet. I studied the Buddhist way and that the cause of all suffering is Desire. To stop suffering you must control Desire. This was my doctoral thesis, in New Orleans. So when I choose my female name I choose Desiré to always remind me that desire has to be controlled. It can be expressed but controlled.

When Dustin Hoffman first became Tootsie in the movie he was in the Russian Tea Room in NY and he ordered a Dubonnet with a Twist, I said well I my life has now a twist.

But Dubonnet is the drink, Dubounet in French is a beautiful sexy bonnet worn by the most elegant of women. I am an elegant woman. Dubounet rhymed with Desiré so I choose my name.

For my middle name I choose Delicious, in my stand up comedy I say that “Delicious is my middle name. It is not my whole name. It is the name of my hole.” Ta Da drum role.

By American law of the 14th amendment you can change your name by yourself in most states (not in California, but yes in Colorado) but the law says you cannot use trivial sexy terms and the specifically use the word “Delicious” as an example of words you can’t use. So I cannot make my middle name Delicious.

When my father was born at first they thought the child was female, same with me. So the name on his birth certificate is Billie. The female spelling not Billy the male spelling. One week later my father’s penis popped out and then on the birth certificate you can see where they erased female and changed it to male but they did not change the spelling of his name.

So my dad went thru life with a female name and he was tortured and troubled by the sex identity crisis with his hermaphroditic heart. He was bitter, mean, fearful, nasty and cruel and he hated almost everybody. He was abusive and brutal to my mother. But he was my dad and to honor him I took the middle name Billie. This reminds me of how a person can twist their soul, mind and those around him when they have to suppress and repress their inner feelings. It reminds me to love the sinner and hate the sin. It reminds me that to suppress a truth is to give it power over you.

For me to have the courage, the fortitude, the power of mind to be me what I am and not what others want me to be. It takes extreme power of personality and intellect.
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A few shots to shaman

Transpersonal self or spiritual self

Collective unconscious

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I am not as Jung as I used to be

Carl Jung and his ideas of the Collective Unconscious
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