

Cancer

A Novel Approach For A Modern Day Epidemic

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According to recent statistics, cancer is now becoming the leading cause of death in many areas of the country. Mention the “C” word, cancer, to nearly anyone in today’s society and you will illicit fear and feelings of terminal health outcome. Yet why does society think and feel this way? It is because the commoditized healthcare industry through the use of the media has everyone convinced that cancer is some unknown, deadly disease that comes on without warning and kills large numbers of society. Yet 100 years ago this was not the case; infectious disease, accident, and trauma were the killers. Let’s think for a minute and discuss what really kills this miraculous, God given body of ours. What causes life to cease?

It is a miracle to think that each and every one of the trillions of cells in the human body came from the genetic mixture of just two living cells. The programming and energy contained in this mixture, without outside intervention, except as a nutrient supply, creates the individual, complex organism with all the different cells, organs, and structures that sustain a new life; all of which communicate and operate in complete synchrony with each other. From that moment on development, repair, and replacement of these cells continue throughout life. Each and every cell then becomes almost a completely living system performing its genetically programmed job for the purpose it was created. Each cell has three basic requirements for life. 1.) Obtain raw materials, oxygen and nutrients, for cellular function, delivered by the blood /circulatory system. 2.) Get rid of cellular waste and toxicity, through our lymphatic/drainage system. 3.) Maintain an energy/communication system so that each cell knows what every other cell of the body is doing and then it can modify and perform its function for the needs and greater good of the whole body. If the first requirement is not met, the cell will die. If the second requirement is not met, the cell may either die or mutate from the free radical and toxic waste accumulation. If the third requirement is not met, the cell may not perform its function for the needs of the body and will either under perform, over perform, or reproduce without limit. If every cell at the cellular level is healthy and performing and reproducing normally, then every organ should be healthy and the whole organism will maintain health. The questions then become – What causes this cellular process to dysfunction, and what causes life of the whole organism to cease? In other words what causes disease and what is the process that leads to death?

It is most unfortunate that the modern day medical system, the practice of medicine, the research institutions, and the medical education programs have focused on single causation for disease and end point diagnosis based on description, physical appearance and location of observable and testable symptoms. One major factor for this evolution toward symptom management, diagnosis, and treatment is the financial reimbursement and payment system for healthcare – the health insurance industry. In order to get anything paid in our current system, an ICD 9 diagnostic code has to be assigned. These codes are based almost entirely on end point symptom description and location. Then in order to get any treatment, therapy, test, or service paid, a CPT treatment code must be used. These codes must correspond, like word association, to the ICD 9 codes. However, these end point symptoms are merely warning signals by the body of an ongoing dysfunctional process that has reached a threshold where the symptom is observed and the patient becomes aware of a problem.

Disease however, is not merely just the symptoms i.e. the normal diagnosed medical description. The disease is in reality the long standing process of dysfunction. Yet standard medical care is focused on diagnosing and treating the endpoint symptoms, usually with drugs, surgery, and radiation that fights or countermands the body's warning signals, symptoms, or the observable endpoint of disease. If auto mechanics or engineers treated equipment problems with the style of thinking of the healthcare system, they would look for the best way to cut the warning lights or disconnect the signal system. It would be like removing the battery in the smoke detector while ignoring the cause – the fire in the burning house. Even in our alternative or integrative medical systems, the focus is still end point disease fighting or symptom reduction by substituting herbs, nutrition, or homeopathy for drugs, and substituting alternative therapy like acupuncture, body work, energy medicine, etc. for conventional treatment. The thought process however is still the same. To answer the questions of what causes disease and what causes death we should look closely at the three elements of cellular health and look for the process or factors that interferes with and disrupts one of these basic requirements for life.

What would cause this miraculous, self-repairing, self-maintaining, human body to cease its function and die? Why would a tiny projectile, a bullet, fired into the heart or brain cause almost instant death? And why would cancer in the lungs, breast, prostate, cervix, or colon cause life to cease? You can perform surgery, cut into, or even remove large portions of these organs without death, so why would these events by themselves cause death? The answer is they don't! It is the biological reaction to these events that creates extreme stress through the sympathetic nervous system and produces either energetic shock and shutdown or toxic shock which ultimately kills. Cells can live without nutrients or water for prolonged periods of time, yet they cannot without cellular energy and oxygen. We can even live without many organs and be kept alive artificially for years as long as we provide cellular energy and oxygen. So why and how does cancer or any disease process kill? And once we identify the pathways and causative factors wouldn't it make common sense to eliminate, reduce, or correct these pathways to help improve the outcomes of treatment? In addition if we could modulate the biologic reaction to the sympathetic stress response, would not chances of survival be increased?

Let's explore a proposed new model for what cancer is, how it develops and progresses, and most importantly how it kills. Then we will focus on a novel approach to assessing the possible pathways of the disease and a systematic approach toward disease elimination and tissue regeneration.

The predominant views on cancer are as follows. Cancer has been described as simply an uncontrolled difference between cell division and cell death abnormally increasing cell numbers without the normal regulatory control of the body. There has been described over 200 types of cancers based on the cell type from which they originate, organ or tissue location, and the appearance. All cancers start from a single cell of the body's tissue, whose genetic make up, the DNA within the cell's chromosomes, become damaged or mutated. These defective cells, instead of being destroyed by the body's immune system, are allowed to reproduce and grow, usually when the surrounding terrain, the environment surrounding the cells, becomes more acidic (an acidic environment or depletion of oxygen promotes disease). They then clump together to form a tumor, which is usually too small at first to be detected. These cells can reach out, destroy healthy cells, and use the breakdown material as fuel for the cancer. The cancer cells also have the ability to cut off the regulatory ends of chromosomes limiting growth as well as block the normal immune function which should destroy them. The tumor then grows in size and eventually may be detected. The cancerous tumor may become malignant and cells can then spread and travel to other locations through a process called metastasis. Many studies and statistical analysis have identified a multitude of genetic, race, gender, and environmental risk factors associated with cancer.

Since the National Cancer Act was passed in 1971, billions and billions of dollars have been spent on research searching for the cause and cure of cancer. Early links have shown that most cancers may be preventable and have reported that one third may be from diet, one third from smoking, and one third from environmental exposures, most with a genetic predisposition. Recent statistics indicate that 1 in 3 women and 1 in 2 men are predicted to have cancer in their lifetime and cancer may kill more than 6 million people annually. The cancer industry generates about \$100 billion annually and each cancer patient's care runs about \$700,000. To date treatments have focused on chemotherapy drugs, radiation, and surgery with many alternative practitioners using vitamins, herbs, homeopathy, mind-body therapy, acupuncture, hyperthermia, electromagnetic therapy, etc. to supplement or replace conventional therapy. Prevention has been recognized since the 1980's as the best defense and has included diet and exercise, especially fruit and vegetables, eliminate bad habits such as smoking, reduce environmental exposures, and take vitamins and other nutritional support. In the 1990's drug based prevention has been advised such as Tamoxifen, hormone blockers, anti-virals, antibiotics, retinoids, COX inhibitors, NSAIDs, GRP blockers, as well as calcium and other nutrients. Yet in spite of all the research, all the money spent, costs on society, and all the care, concern, and best efforts of our modern day medical system, Cancer has now risen to the number one leading cause of death. Yet the understanding of what cancer is, how is it caused, and how do we prevent or fight it is still a mystery.

In the hope of stimulating thought and perhaps a new direction for research and course of treatments, I would like to offer a hypothesis on possible pathways that may explain the causation, progress, and potential new treatments for this modern day plague on society. In order to understand cancer and disease we must first understand the normal, functional mechanisms of the human body and the elaborate systems for defense, removal and elimination of toxic waste, repair, and regeneration.

Unless we are born with a life threatening defect, which will almost always manifest signs in early childhood, each of us has been given a miraculous body capable of sustaining life, repair, and regeneration. Even though we all have genetic weaknesses and strengths, our biologic systems should function as they were designed throughout life. We have systems for acquisition and processing of the raw materials to sustain life; systems for repair and regeneration; systems for defense of the organism; and systems for reproduction and replication of the species to sustain life. Of these our immune defense systems are probably one of the most important. Our immune system is composed of three systems that work together to defend the organism. Our humoral immune system is mediated by the molecules in the blood, contains acquired antibodies from past exposures, and is part of our adaptive immune response. Our cellular or cell-mediated immune system, lymphatic, and lymphoid tissues defend our cellular spaces. And perhaps most important, yet least appreciated, is our mucosal immune barrier system.

The outer surface of our human body is covered by a skin barrier that protects and insulates the body from the harmful elements of the outside environment. Through this outer barrier we have a number of openings through which raw materials for survival enter and waste can be eliminated. The mouth and nasal areas are the largest of these openings that are exposed to all the elements of the external environment, both good and bad. These orifices are the gate keepers of defense that lead to the lung and gastrointestinal spaces. Since these orifices are so exposed, they are vulnerable to all potentially harmful agents. And as such these areas are protected by our first line of immune function, the mucosal immune system, a specialized membrane barrier that is capable of producing molecules that can instantly defend the inner environment of the body from invasion.

If the skin barrier or this first line immune membrane is weakened, harmful agents from the external environment may enter the blood stream and invade the body. The blood borne humoral immune system must then be called on to defend against the invaders. This system has to mobilize an attack, produce antibodies against the harmful agents, and with time should protect the blood carrying system and eliminate the infectious agents. However, before full containment can take place, many of these agents may have circulated through the entire body and set up housekeeping in weakened organ systems that cannot adequately defend themselves. In addition they may migrate into cellular spaces and collect around cellular waste and debris, especially in a pro inflammatory or acidic state. A clean trash can does not attract flies yet a dirty one does. These cellular spaces then become a receptive breeding ground for opportunistic microbes.

As I described earlier health of the body really begins at this cellular level. If all the cells of the body are healthy and working in harmony with each other than the whole body should be healthy. At this cellular level we must deliver the raw materials, nutrients and oxygen, to each cell so that they have the fuel and building blocks for cellular activity. The circulatory system is designed for this purpose. This blood carrying delivery system must be maintained in a clean, non-toxic environment and has an elaborate humoral immune system to protect it. The heart pumps the fluid, plasma, and blood, through large vessels (arteries), and as the vessels get reduced down to smaller and smaller sizes, arterioles to capillaries, the raw materials are carried to the smallest of cellular spaces. At the cellular level the vessels are so small that the blood cells need to squeeze through single file just to get through the small vessels. The nutrients and oxygen are released and diffuse through small pores in the vessel walls to the cellular spaces providing the nutrients and oxygen to the individual cells. Waste gases diffuse back into the blood system to be eliminated by the lungs while large particle waste, infective waste, or large molecular inflammatory waste cannot enter the blood system as this would make the blood toxic and may kill us through toxic shock. The blood and plasma are then pumped back to pick up more oxygen from the lungs and more nutrients from the digestive system. If we do not have adequate deep breathing we do not exchange blood gases in the lungs and receive enough oxygen. If we do not break apart food to the smallest components in the digestive system nutrients cannot diffuse through the membrane walls into the blood delivery system and cannot be released into the cellular spaces. These partially undigested foods may stay in the intestines as inflammatory waste.

The next step, which may be the key to cancer, is the elimination of toxic waste at the cellular level. Since the waste should not enter the blood stream or it may harm us and since the waste may clog, pollute, kill or damage the cells if it accumulates, it must be eliminated. There is an almost universal law of nature that anywhere on the planet that there is stagnant fluid, we have disease. This sewage, waste clean up function is performed by our lymphatic system. The lymphatic system is a fluid carrying system that extends throughout our entire body, runs parallel to the circulatory system, can carry 4 times more fluid, and has heavy concentration around our most vital systems for information (the head), survival (lungs and digestive system), and reproduction (breasts, prostate, and cervix). It is no coincidence that these are the most common sites for most cancers. Lymphatic vessels also travel near the periphery of the skin and can eliminate some waste products through the skin as perspiration. There are roughly 600 lymph nodes placed strategically along the lymph vessels designed to produce much of the cellular immune molecules necessary to fight, disinfect, and clean up the lymph carrying fluid so that the cellular waste will not harm the biologic system.

However there is no pump that pumps the lymphatic system. In the walls of the lymphatic vessels are valves that can open to let in the large molecular waste and debris from the cellular spaces as well as valves inside the vessels to keep the fluid running in one direction. These valves have very fine, silk-like fibers that are connected to the interstitial fascia. When we have gentle, rhythmic movement, the lymphatic vessels move, the valves are pulled open and the cellular waste is sucked in and carried away, as well as the direction and flow of the lymph is maintained. The waste is filtered, broken down,

disinfected, etc within the lymph nodes, which can swell and enlarge with the many components of the cellular immune system stored and produced within each node. The cleaned fluid is then returned to the veins and the more solid wastes and debris are emptied through the thoracic duct into the colon for elimination.

Healthy movement, gentle exercise, and deep rhythmic breathing therefore become the key to pumping the lymphatic system and clearing toxic and infective cellular debris. Unfortunately because too few understand the fragile, intricate mechanisms of the lymphatic system, exercise programs and aggressive massage are often recommended that may be harmful to the lymphatics. Unless gentle, rhythmic, manipulation is performed, the delicate silk-like fibers of the lymphatic valves may be torn, preventing waste from entering the drainage vessels. In addition too much aggressive exercise may produce lactic acid and other metabolic waste and may tighten the vessels within the cellular spaces so that very little waste can be removed. However, probably one of the single most important obstacles to lymphatic movement of waste is our stress based sympathetic nervous system.

As one of the prime directives of any living system is survival, our functional body has a response system to perceived threats. Every second of every day the living organism receives trillions of messages and stimuli, both internal and external, to which it must respond. The response should be appropriate to the degree of stimulus or potential threat. If the response is too little, events may harm or the body may not heal and repair. If the response is too great, everything may be perceived as a threat (hyper-immune reaction) and allergies, auto-immune, or shut down of biologic systems might occur in an attempt to protect the organism. If there is no response, potentially hazardous conditions, such as cancer may be allowed to develop. This regulatory function is carried out through the autonomic nervous system.

This system, along with operating all of the automatic, non conscious functions of the body, maintains a balance between the parasympathetic relaxed state and the sympathetic stressed state. We should live our life, most of the time, in the parasympathetic state. Almost all of our body's normal operating functions perform better in this state, especially our immune function, digestive function, and our toxin clearing and elimination functions. We should only shift into sympathetic stress state when the body is under attack or vital systems are threatened with serious harm. This response shifts energy from the above functions, increases heart rate, rapid breathing, and higher frequency brain waves to prepare us to fight or flee from the threat. The decision makers in the basal, limbic brain, i.e. hippocampus, amygdala, cingulate cortex, etc., are called on to determine what is a potential threat, what is not a threat, and the degree of the potential threat. An appropriate degree of response to the information stimulus is then performed by the body.

However in our present, fast paced, over stimulated, society we receive so many stimuli that while they may not be truly harmful or potentially life threatening, the body is so overwhelmed that many of us may be in chronic, sympathetic stressed state all the time. This will prevent our immune systems, digestive systems, and our toxin clearing and

elimination systems from operating at normal capacity. This predisposition may have a genetic component as well being influenced by every negative stressor that the individual is exposed to from before birth, birth delivery, childhood, and adult life. As an example from birth till the age of 5 the brain is intensively learning if the world it is entering is a safe place or a world filled with potential harm. So if there is birth forceps delivery on the fragile skull compressing the brain, traumatic delivery, or mental or physical head trauma during the first 5 years, patterns will form in the brain operating systems designed to protect us from harm. With the synaptic pattern set, throughout life the body may be hyper vigilant, a hyper reactor to stimulus, and in a chronic sympathetic stressed state. From then on every toxic, infective, or traumatic event, mental or physical, may become trapped in our tissues setting the stage for chronic or degenerative disease. Even more importantly, this sympathetic stress may shut down or inhibit the mucosal immune system protecting the barriers of our mouth and nose, the entry points for opportunistic pathogens from the external environment. Dental teeth cleanings that scrape and cut these membranes may also inadvertently infect us with every microbe and potential pathogen collecting around the teeth and gum tissue mucosal barrier.

This brings us to possible pathways as to how cancer may originate; how it is allowed to progress; why the incredible, modern, medical system has become powerless to prevent, predict, or eliminate this plague on society, except for palliative, life altering treatments; why with all the money and research being spent it is fast become the leading cause of death; and how we might be able to recognize and reverse the very factors that set the stage for the disease process which prevent complete healing and recovery.

Each of us is born into the world with genetic differences, strengths, and weakness. Early in life mental or physical trauma may set patterns of dysregulation and dysfunction that predispose towards the sympathetic stress response. Each exposure to additional mental or physical trauma, environmental toxins, infections, food stressors, chemical, heavy metal, pesticides, or other harmful agents produce additional sympathetic stress. This tightens the vessels in the cellular spaces reducing the waste removal. If the toxic elements cannot be removed from the body they will be entrapped into the body tissue spaces so they do not enter the blood system and potentially harm us. This toxic waste debris may then cause irritation and stimulate the inflammation process as well as change the ph to a more acidic cellular environment. Part of the inflammatory cascade is the release of large molecular inflammatory proteins two of which are fibrin and fibrinogen. These may produce fibrous encapsulation of the harmful agents. If we do not have an adequate diet with enzymes that can break apart inflammatory proteins, these may stay around and enlarge. These stagnant masses in an acidic environment may become breeding grounds for opportunistic microorganisms. In addition these stagnant, acidic cellular areas may accumulate free radicals that may damage or alter genetic material creating the possibility of cancer production.

In a normal, functioning system these defective cells would be recognized and destroyed by our cellular immune system. Just like any factory that produces millions of parts per day, some will be defective and quality control will eliminate them. This job is performed by our immune system. However if our immune system is overwhelmed, or not operating

at adequate capacity, these defenses are pulled away, the cancer is not recognized and continues to grow. Eventually it will reach a size where it interferes with normal function creating symptoms or be detected through screening. The associated infections or toxicity may eventually seep into the blood stream producing toxic shock and even death. In many cancer cases a severe emotional shock, such as a divorce, rape, death of loved one, IRS or legal stress, etc., has preceded the diagnosed condition by several years. This extreme sympathetic stress event shuts down the clearing systems and accelerates the cancer cascade. If the internal emotional constrictions are not released, cancer and the associated toxicity will increase. Cancer by itself may not be that harmful to the body but the infective, acidic, and toxic terrain existing with the cancer may be deadly.

The problem with this scenario is that normal tests, especially blood tests, may not show these conditions progressing until it is too late and we must wait until the cancer grows large enough to be detected. Even though the new body scans can detect smaller masses sooner, the infections, toxicity, and cancer have already existed for quite some time. Because the blood system must remain clear from massive infection and toxicity it is difficult to detect with blood tests. The cellular spaces, with the stagnant fluids, debris, and infections become an opportune environment for this process. This toxicity may lead to cellular death, backed up fluid pressure in the smaller blood vessels, and a higher blood pressure at the large vessel level (hypertension). In addition fat may be deposited around the toxicity leading to a process called toxic weight gain. The resulting inflammatory conditions create more fluid seepage through blood vessel walls into cellular spaces and result in an increase in cellular swelling, stagnant fluid, and pressure which may produce pain. The use of steroids and even many of the other anti-inflammatory drugs to control the swelling may limit the inflammatory cascade, yet it also inhibits our immune function and does little to reduce the cellular swelling, stagnation and pressure. Inflammation is just another symptom that is being chased while the underlying causation and toxicity is still continuing to harm and may be overlooked.

Another problem is that when a mass is detected the normal treatment is usually a biopsy or surgery. In most cases this may not present a problem, however if the opportunistic infection is an extremely toxic variety such as *heliobacter pylori* or *entamoeba histolytica* (endemic in over 1/3 of the world), the surgery may spread these encapsulated pathogens producing not only a spread of the microbe, but potential toxic shock, and death. Normal antibiotic therapy may not be effective against these microbes and parasites. The other cancer treatments, chemo and radiation, while they may indirectly kill the infections along with the cancer, also may produce extreme sympathetic stress and inhibit immune function which may ultimately prevent the body from defending and healing itself. In addition the underlying circumstances that created the problems in the first place have never been identified or corrected and the sympathetic stress on the system is increased rather than reduced. Fortunately modern medicine has been searching for less invasive and less destructive methods to help fight the cancer and minimize the harmful effects of the treatments. Newer chemo and radiation protocols utilize smaller and more targeted doses to the affected areas. And modern medical uses of ozone and other oxidative therapies may help eliminate the toxic and infective environment of the body allowing the immune system to more adequately defend against cancer.

I would like to propose a program for working with cancer patients and their medical teams as well as a new direction for research that may possibly improve long term outcomes. Part of the difficulties of our current health system, conventional, alternative, and integrative, is that all of the many wonderful techniques and services are utilized in a fragmented, compartmentalized, and over specialized manner. Think of all the therapies, drugs, surgery, radiation, vitamins, herbs, homeopathy, meditation, yoga, acupuncture, dentistry, chiropractic, naturopathy, psychology, etc., etc. as tools that accomplish specific functions. If we wanted to build or repair a house we would never go to an architect, contractor, or engineer because they used a certain type of hammer, a certain kind of saw or a specific tool. Yet many times this is what patients do in the healthcare field. We go to an architect or contractor because we trust that they know all the tools available and know when, where, how, and how much to use each tool or sub contractor to accomplish a planned outcome. Like a conductor of an orchestra that coordinates all activity for the optimal, planned result, a health strategy team could also provide a more optimal result in healthcare. This team must completely understand the long term, underlying causative pathways, be competently familiar with all mainstream and alternative therapies available, and know when, where, and how much of each therapy to use in order to accomplish the optimal result with the least side effects.

It is unfortunate that the current research programs, educational institutions, and practitioner networks are so focused on single variable cause and effect to the exclusion of the lifelong patterns and process of disease. As a result the treatment protocols have a strong bias toward fighting the endpoint of the observable disease process. Since each practitioner usually has a bias or expertise in their given field of specialty, they tend to discount or overlook potential benefits from other disciplines. Often we see health care providers tell their patients that they utilize the other alternatives, however they may inadvertently use them at the wrong time and place so as to negate their effects or possibly cause harm. Having tried and failed with the alternatives they advise their patients to use the conventional treatments they are most familiar with. When the patient's health or outcome is not the desired result, it may not be that the therapy (conventional or alternative) has failed, but the lack of addressing underlying causation and the lack of appropriate timing, amount, or protocol has not produced disease elimination.

Imagine instead a five part program for health and restoration of wellness that 1) assesses all aspects of a patients life and patterns of dysfunction. Looking at genetics, birth, childhood, and adult life, all influences and stressors would be identified and evaluated. 2) The next logical step would be to remove as many of the stressors as possible without adding more stress on the biologic systems. This would include diet, lifestyle, mental, dental, and environmental factors. As an example if a patient presents with an injured hand the immediate reaction is to try to fix and repair the damaged hand. However if the injury is caused by a hammer hitting the hand every day the logical step would be to eliminate the stressor and stop hitting it with the hammer. Otherwise the hand will never recover. In order to do this the underlying stressor, the hammer, needs to be identified and eliminated. 3) After the stressors are eliminated, the next step would be to restore and

normalize as much as possible the natural systems of the body to functioning state which include the sympathetic and parasympathetic balance. This step would also include correcting the brain and emotional patterns of dysfunction that will keep the physical body in a diseased state. 4) The fourth step is usually where most practitioners begin. This step would include fighting the disease, the symptoms, and repairing the damage. However if the prior three stages are addressed first the outcomes and results of this fourth step will be greatly enhanced. 5) The fifth step is continued repair, regeneration, and follow-up care which includes monitoring and maintenance. It should be common sense that removal of the obstacles to health and support of the natural systems before, during, and after our interventive medical therapies should be standard practice, especially since most aggressive therapies have such damaging long term side effects. Respecting the ability of the natural systems to function and supporting them throughout the process, will help overcome the negative side effects, improve the healing, and may help insure long term sustainability of life in a disease free state.

Perhaps the single most important component of achieving health and wellness as well as overcoming disease is the mental and emotional patterns of dysfunction. It has been well documented using functional MRI as well as PET scans of the brain and quantitative electroencephalograms (q EEG), that your mind and your thoughts can change the shape, neurophysiology, and the functioning rhythm patterns of the brain. It has also been discovered that every cell in the body has neuroreceptor sites for neurotransmitter molecules. Mental and emotional patterns of a diseased state may remain in the brain and in every cell of the body even if the physical aspects of the disease are corrected. This will keep the body programmed for disease rather than health. In addition these patterns may create a permanent sympathetic, internal stress state that predisposes the mind and the body toward toxic accumulation, hormonal dysregulation, and dysfunction of many organ systems. Therefore it becomes extremely important to anyone that truly desires to achieve total health to reprogram the negative patterns creating the dysfunction as early in the health restoration process as possible. Through the application of behavioral electroencephalography, treatment protocols have been developed that can address this underlying, fundamental causative pathway that can produce dramatic health outcomes. However, further research is needed to develop this emerging field in not only cancer but other health processes.

There is no question that cancer is a serious problem that requires serious treatments to fight both the symptoms and the disease process. What I am proposing is more research into the causative pathways that lead to the conditions that create the disease as well as a logical, common sense approach to disease elimination and health restoration. The vast majority of research, education, and clinical protocols performed today are focused on the endpoint fight with either new drugs or treatments that produce major unwanted side effects. What is needed is an intermediate, interceptive stage that will focus on identification and removal of ongoing stressors as well as correction of the normal, functional systems of the body and restoration of an optimized immune system. This stage and a comprehensive health strategy team should be part of any cancer treatment program. New, novel research is desperately needed to explore these options.

Your help is urgently needed!!