

ROUGH DRAFT

THE CANCER CASCADE™

Cancer- How it Works and How You Win

By definition, cancer is the uncontrolled growth of abnormal cells. Every cell has the capacity to become a cancer cell under the “right conditions.” In essence, the shift that occurs when a “normal / healthy cell” turns into a “cancer cell” is a primitive survival response by the cell. When an otherwise normal cell is overwhelmed or over-stressed, it ceases to work as part of the team with the community of other cells that it is a part of, and instead starts to work for itself, for its own survival. As part of this process it loses contact inhibition which stops normal cells from growing when they become crowded and touch adjoining cells. The loss of contact inhibition leads the cell to grow larger than normal thereby requiring more nutrients and blood supply than other normal cells.

Next, it begins to replicate rapidly while also making an enzyme that inhibits the cleavage of the telomeres on the ends of the DNA that cause cell death after a certain number of duplications (Hayflick’s number) thereby making it “immortal.” As a result of its rapid, unregulated growth and duplication, the abnormal, cancer cell needs more and more nutrients and blood supply. To satisfy this need it uses another trick, it employs the creation of chemicals that stimulate angiogenesis (the creation of new blood vessels) to supply its greater nutrient requirements. This is how a normal cell becomes a “monster” or cancer cell.

Now let us distinguish between “cancer” the disease and “cancer” the tumor. Cancer, as a disease process, is in most cases, a relatively slowly developing disease. Several top cancer specialists consider the average cancer to develop and progress over the course of about 12 years. During the first several years there is no detectable tumor as it is simply too small to be noticed except possibly by highly sophisticated testing procedures, that there is no justification for using, as there usually no significant symptoms until much later. It is speculated that the growing cluster of cells reaches a size that can be classified as a tumor sometime between year seven and eight. If, during the four or five years between year seven and year twelve, the tumor goes unabated and unattended, it will double in size approximately every 90 days. Once the amount

ROUGH DRAFT

of blood taken by the tumor exceeds the ability of the host organ to feed both itself and the tumor, the host organ dies. Obviously, depending upon the significance of that organ, that may also mean that the host organism may die as well.

There are many factors that contribute to the development of cancer. The major ones that are fairly well agreed upon with their respective contribution are as follows: toxins 70-75%; viruses 20-25%; electromagnetic frequencies – less than 5%; and genetics – less than 5%. Of these, toxins are obviously the most significant. Additionally, although difficult to quantify, these additional factors are also likely significant contributors: psychological & emotional stress; sub-optimal nutrition & nutritional imbalances leading to biochemical compromise; improper hygiene & other microbial insults (bacterial, fungal, and parasitic) leading to chronic weakening of the immune system; structural & mechanical stresses leading to compromised circulation, lymphatic movement, and neurological regulation; and several others.

When a toxin, or one or more of the other stressors mentioned, interacts with an organism there is a price that must be paid in terms of reduced efficiency and disequilibrium. When the cumulative stress from these factors reaches a certain point there will be an upset in homeostasis. This can happen at the level of a given tissue (made up of a population of cells), an organ, a system, multiple systems, or the body as a whole depending upon the magnitude and length of the upset. At some point the functional efficiency of the cells, tissue, organ, system, or body as a whole, will be compromised via several mechanisms. Ultimately, the cells energy generating furnaces (the mitochondria) will be damaged. This is where the cancer cascade shows its first real signs. The damaged cells we spoke of earlier that become cancer cells, have lost their ability to generate relatively large amounts of energy because their mitochondrias have been terminally injured. As a result, these cells are forced to create energy in the cytosol via glycolysis, a much less efficient process. This is largely why these cells need so much more blood supply and nutrients to make energy via this much less efficient process. The damage to the mitochondria forces the cell to shift to glycolysis as it's primary energy production mechanism thereby making the cancer cell completely dependent upon sugar as a fuel source.

Additionally, the onslaught of these stressors and toxins leads to the generation of a variety of even more toxic substances (free radicals) that damage the RNA/DNA inside the cells.

ROUGH DRAFT

RNA/DNA in its simplest terms looks like a 6-foot long sideways Z. Imagine that you compress this Z to a millionth of a millimeter. The oxidative stress comes along and hits the same spot. The part that it hits is the switch that controls the on/off mechanism- the apoptosis switch. So, more toxins cause more oxidative stress which causes more damage to the RNA/DNA. Since the cell's energy production capacity has been hampered, there is not enough energy available to carry out the cellular RNA/DNA repair processes leading to further damage and mutation of these now cancerous cells. Ultimately a battle for survival ensues between the cancer and the host organism. Unfortunately, the current approaches to fighting cancer have been largely unsuccessful save for a few notable exceptions. The primary reason for this is that the methods used to kill the cancer cells are not selective enough and they kill way too many healthy cells in the process in addition to there being NO EMPHASIS on properly feeding and nourishing the healthy cells.

When a normal cell death cycle occurs, one healthy cell dies and two new ones replace it. One dies immediately and the other replaces the original cell and lives its normal life cycle. So, when the apoptosis switch is damaged half-way through their death cycle, they start making bad copies of themselves. This creates uncontrolled reproduction of these abnormal cells which have no apoptosis switch. These cells are called "oncocells."

According to the latest Japanese study, we have 75 million cancer cells in our body at any given time. Normally, our immune system keeps these cancer cells in check. The greatest single way to affect the immune system is emotional stress. This will shut it down faster than anything else. As the immune system is compromised from emotional stress, heavy metals, viral loads, or other stressors, the total number of cancer cells increase. This is part of the 12 year progression. By the time the cascade is at its eighth year, the cancer cells number reaches one billion and a tumor has formed. Fortunately, there are many things that can happen during those eight years that can help prevent the Cancer Cascade from progressing, for example, taking in less toxins and taking massive amounts of anti-oxidants. However, the vast majority of cases do not even know they have entered into the Cancer Cascade.

When the oncocells are born, they enter the blood stream and, normally, the immune system detects it as not belonging and kills it. But when the immune system is suppressed, you have

ROUGH DRAFT

more production of oncocells and fewer ways to kill them. The oncocells now begin to coat themselves with fibrinogen glue and phlegm. They create 15 layers of coating around themselves. The immune system cannot recognize these coated cells, so they start sticking together and form a colony. Then, the colony attaches to a smooth muscle wall and drills a small hole in order to get their blood supply. This is how a tumor forms.

A tumor is a glucose burning plant because a healthy cell has far fewer insulin receptor sites than an oncocell. Since glucose is the only fuel oncocells can burn, it is like a factory for burning excess sugar. This situation continues until the tumor kills the host organ. The organ dies because it is being deprived of adequate blood supply and the nutrients it delivers.

Cancer only grows in an acidic environment. Cancer cells release hydrogen ions which bind with potassium and magnesium and create a microenvironment around the tumor. This environment has a pH of 2.1 to 2.4. This acidic environment kills neighboring cells, creating more food for the tumor. This is why we must shift the body into an alkaline state.

We cannot cure cancer, but the body can if it is in homeostasis, has all the right tools that it needs, and we keep the total stress level manageable.

Cancer is a many-faceted disease and requires a comprehensive approach to restoring the body back to health. The American Nutraceuticals concept of Integrative Oncology includes a diverse program working on each aspect of the Cancer Cascade.

1. Shift the pH

You must shift the body's pH from the acidic environment to an alkaline environment. Cesium and rubidium together (what we call PH BALANCER) shift the pH around the tumor to 7.4. The hydrogen ions released from the cancer cells attach to the cesium and rubidium and are excreted in the urine. This has to be done at the cellular level. It is not enough to increase the pH of the blood. Since potassium and magnesium break down in the presence of cesium and rubidium, the patient must replace those minerals. (See full

ROUGH DRAFT

direction sheet on how to take pH Balancer and what supplemental products are required).

2. Anti-angiogenesis

ECOMER is used to shut down the blood supply to the cancer cells. Ecomer is an alkylglycerol derived from shark liver oil. It has 37 clinical trials. Not only does it have anti-angiogenesis properties, but it increases WBC, RBC and platelets in everyone and also detoxifies mercury. Ecomer encapsulates the mercury throughout the body, carries it through the kidneys with no damage and is excreted in the urine.

3. Increase NK Cell Production

Morinda Citrifolia- NONI- increases the NK cell production as well as many other properties. American Nutraceuticals' Noni fruit is grown on volcanic ash soil in Hawaii. It is picked ripe, then immediately flash frozen and freeze dried into a powder that is then encapsulated. By flash freezing the fruit, it keeps all the enzymes active. Therefore, you do not lose any potency or efficacy during the process. Our Noni is 30 times more powerful than any other Noni liquid or capsule.

4. Detox

Detoxification reduces the body's viral load. The formula BADMAEV 269 is the best natural antiviral medication. Not only does it aid in the absorption and elimination cycle, but it also is a daily detoxifier of heavy metals and environmental pollutants. The formula has also been shown extremely effective against HPV. Badmaev 269 is a proprietary botanical formula based on traditional Tibetan medicine. It was developed by generations of physicians working in Russia, Europe and in the US.

ROUGH DRAFT

5. Increase Antioxidant Activity

High doses of Vitamin C increases antioxidant activity at the cellular level. You want to reduce the oxidation before it damages the RNA/DNA. VITALITY C is a Vitamin C product that has a neutral pH and can be taken in high doses without stomach upset. It has a sodium molecule and glucose factor attached to the Vitamin C. This “tricks” the body into thinking it is a sodium molecule and gets readily absorbed into the blood stream, therefore, bypassing the stomach and not causing any upset. With 4 grams of Vitamin C in each teaspoon, people can take therapeutic levels orally. Since it has the glucose factor attached to it (remember, healthy cells have two receptor site for glucose and cancer cells have 43), the cancer cells suck the Vitamin C into the cell. It breaks down into hydrogen peroxide and kills the cancer cell from the inside.

6. Increase SOD (Super Oxide Dismutase) Production

SOD increases energy and boosts the immune system in cancer patients. It also detoxifies residue and poison from chemotherapy and radiation, which reduces their side effects. SOD is already present in the body. It acts as the intracellular garbage man, enabling the body to dump garbage from inside of the cell. All cancer patients have garbage inside their cells, so you need increased SOD production.

CSR (OR CELLULAR STRESS RELEASE) is a fetal wheat tissue product developed over the last 50 years by a family of botanists from Michigan. It was the product used in Chernobyl to detox the radiation damage. Being fetal wheat tissue means there is no photosynthesis, no fiber and no gluten; it is only protein and water. During harvesting, 95% of the water is extracted resulting in pure protein. This protein is a building block to an absolute precursor to the production of SOD. 100% of the time, fetal wheat tissue increases SOD levels.

ROUGH DRAFT

7. Proteolytic Enzymes

Enzymes are needed to strip the fibrinogen glue from cancer cells leaving them exposed for the immune system to attack. NUTRIZYME is a proteolytic enzyme formula that has a double enteric coating. When taken an hour before or two hours after meals, this coating enables it to pass through the stomach acid and enter the blood stream to then break down the fibrinogen glue around cancer cells. In addition to enzymes, Nutrizyme is unique in that it also has anti-carcinogens attached. So, when the fibrinogen glue is striped, there are already anti-carcinogens present ready to aid the immune system in killing the cancer cell.

8. Natura Herbals Anti-Cancer Formulas

NATURA HERBALS are proprietary Chinese herbal formulations developed by Asia's most respected cancer physician, Dr. Huang Chuan Gui. Dr. Huang's family in Kunming, China has made Chinese herbal medicines for cancer for more than 900 years. Each Natura formula is specialized for the specific types of cancers in each of the different systems of the body:

Natura 101- Respiratory System (including lung, throat and esophageal)

Natura 201- Digestive System (including liver, stomach, intestine, and pancreas)

Natura 301- Urinary System (including kidney, bladder, penis and cervix)

Natura 401- Ductless Glands (including breast, prostate, adrenal, thyroid, ovary/testis)

Natura 501- Blood System (including leukemia's)

Natura 601- Lymphatic System (including lymphomas)

Natura 701- Motor System (including bone and muscle sarcomas)

Natura 801- Central Nervous System (including brain and spinal)

ROUGH DRAFT

9. Supporting Products:

When cancer occurs in the body, not only does the system attacked need support, but other aspects of the body are affected. There are a myriad of other products and/or treatments that may be needed to return the body back to health. These can all be tested and recommended on an individual basis.

KEYS TO REMEMBER

Cancer in the body is like a train traveling at high speeds down the tracks. Step one is to slow it down. Step two is to bring it to a stop. Step three is to turn it around and bring the body back to a healthy state. You have to shift the pH, shut down the blood supply to the tumor, increase NK cell production, detoxify the patient, increase antioxidant levels, increase SOD production, strip the fibrinogen glue and give known anti-carcinogens that are system specific. You must do multi-faceted steps in order to stop cancer and bring it around in the other direction to health.

The patient must change their diet, do coffee enemas and colonics, do lymphatic drainage and drink lots of water. It is essential that they have a positive attitude, believe in what they are doing, deal with emotional stresses, get family support, follow the protocol and most important, have the will to live!

Note: This document is for educational and research purposes only and has not been evaluated by the Food and Drug Administration. We make no recommendations for treatment or diagnosis.

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