

## Avoid These When Taking Cantron

Avoid These When Taking Cantron or Protocol

Using Cantron or Protocol is not as simple as most medications.

You must avoid supplements that contain:

Vitamin C (taking vitamin C is the number one reason that Cantron fails to work)

Vitamin E

Selenium

Thyroid support products

SOD

CoEnzyme Q10

“sea greens” such as spirulina, algae, chlorella, kelp may have a problem

**The following counter the effects of Cantron:**

Burdock Root

Essiac tea and Flor-Essence (which is similar to Essiac with a couple of extra ingredients)

Ozone treatments ( oxygen treatments such as hyperbaric oxygen are beneficial to the functioning of Protocol)

Flax seed oil as used in the Budwig diet (also spelled flaxseed oil). It is starting to appear that flax seed oil may be compatible, but it remains on this list as a precaution

IP6 (in theory there may be a problem, but case histories are needed)

714-x

Hydrogen peroxide

PMB Techno

Creatine

Cellect

Ginseng

Glutamine

Taurine

Rhodiola Rhosea

D-Ribose

Zeolite it is not know if Zeolite will chelate compounds in Cantron or Protocol.

Magnesium In higher doses, magnesium is credited with increasing ATP production.

L-Carnitine

Resveratrol

Colloidal silver - the heavy metal quality of silver could cause a reaction with Protocol.

Pau d'arco and Germanium-132 (taking either separately with Cantron or Protocol is OK)

Grapefruit seed extract (due to its high vitamin C content)

Whey protein should also be avoided because of the L-cysteine

Iodine

IGF

Enercel

MSM

Cesium Chloridel

Poly-MVA because of the alpha-lipoic acid

Hormone-Blocking Drugs

Immunocal

MMS (Miracle Mineral Supplement) chlorine dioxide

Sulfhydryl antioxidants which includes:

L-cysteine

N-acetylcysteine

Alpha-lipoic acid

Glutathione

Bloodroot or Neoplasene

The combination of Cantron or Protocol and bloodroot or neoplasene (bloodroot extract) may be too taxing on the body. There may be some exception if the bloodroot is used topically. Smart patients (human or animal) closely monitor elimination organs for signs that the body may be lysing too hard. If this happens, they back off one of the bloodroot until the body catches up.

For a list of treatments that are believed to be compatible with Cantron Protocol and Paw Paw see the "Treatments that Can Be Taken with Cantron" list in the Compatibility section of the Cantron page.

The above list was compiled with the assistance of the Protocol consulting chemist, Tanya Pierce author of *Outsmart Your Cancer\*\**, and Dr. Kim Cassidy of Vitamin Depot\*\* of Tallmadge, OH. That is not to say that all are in agreement as some items on the list have some minor controversy.

### **Diet**

Cancer cells use glucose to live and grow. They require eight times more glucose than a normal cell. Therefore, it is important to avoid high levels of glucose in your blood. The best way to do that is to avoid refined sugar and easy to digest grains (eat whole grains only).

## **Dosage Instructions for the Cantron Total Wellness Program**

Cantron Freeze-Dried Capsules :

For health challenged users: Take one capsule every 4 hours

(6 capsules per day) with distilled water. If you cannot wake up during the night to take a dose, take two capsules before going to bed and don't go longer than 6 hours for the next dose.

For the severely health challenged, take one capsule every two hours during waking hours for the first 2-3 weeks.

For healthy users who wish to arrest free radical damage to their system and prevent resultant diseases: Take one capsule every 6 hours

(4 capsules per day).

Warning: CoQ10, Selenium and large doses of vitamin C & E may decrease the effectiveness of this product.

Note: Capsules can be opened and contents can be added to food or juice. Sublingual use can be utilized by adding the powder to juice. The rice bran filler serves to mask the unpleasant taste of Cantron making it more palatable than the oral liquid Cantron.

### **THE CANTRON WELLNESS DIET**

One is not required to follow any special diet when taking Cantron. Many people do well without taking additional supplements or changing their diet or their lifestyle.

We feel, however, that following these important recommendations will enhance your chances of experiencing 'Total Wellness.' Our 'Total Wellness Program' recommends 21 powerful nutrients to take, including the most potent of all - Cantron.

It is important to understand that all dietary supplement programs work even better when augmented by healthy, live foods that are rich in identical and complementary nutrients. Therefore, the following diet and lifestyle changes may greatly enhance our 'Wellness Program' and work to improve your health condition. Additional supplements that are not listed in our program are also mentioned in this section.

\*Whey powder or whole leaf Aloe Vera Juice are other foods that contain pro-xeronine factors such as Noni Fruit. Aloe also contains Germanium-132 and a wide range of enzymes, carbohydrates, vitamins, minerals, amino acids mucopolysaccharides and other phytochemicals. Aloe is the perfect conduit to carry nutrients into the system and on its own, penetrates deep layers of tissue, promotes circulation, cellular and blood vessel regeneration, immune function, turns on the functioning of all the body's organs and helps the digestive tract.

\*Alpha Lipoic Acid is a supplement that aids liver function and helps manufacture Glutathione. Lemon juice also aids liver function.

\*Foods and supplements high in nitrilosides such as vitamin B-17 (also known as Amagymaldin or Laetrile) are very beneficial. Apricot seeds are very high in this substance (chew 4 seeds every waking hour) as are lima Beans (steam them), bean sprouts, lentils, chickpeas, barley, wheat grass (and other grasses), bitter almonds and millet. Apple, peach, cherry, orange, plum and nectarine seeds also contain B-17.

\*Consume fresh vegetables especially cabbage, broccoli, carrots, asparagus, yams, tomatoes, okra, yellow squash, celery, brussel sprouts, cauliflower, turnips, kale, watercress, radishes and spinach. Eat them raw or steamed. Do not steam the vegetables for more than 3 minutes in order to preserve the enzymes. Concentrated supplements of these foods can and should be obtained. These products contain many phytochemicals which are valuable to this program.

## THE CANTRON WELLNESS DIET CONTINUED

\* Broccoli contains a valuable phytochemical, sulforaphane, that reaches the cells, and activates a group of enzymes that whisk dangerous toxins out before they can cause any harm.

\*Tomatoes contain large amounts of the beneficial nutrients lycopene, P-coumaric acid and chlorogenic acid. In fact, tomatoes are known to contain an estimated 10,000 phytochemicals.

\*Brussel sprouts, kale, radishes, broccoli, watercress, cauliflower and cabbage contain Indoles which help excrete harmful toxins.

\*Cabbage and turnips contain a chemical phenethyl isothiocyanate (PEITC) which protects against many harmful chemicals.

\*Broccoli, brussel sprouts and cauliflower contain a valuable chemical D-glucaric acid.

\*Whole grains, beans, lentils, citrus fruits and nuts contain the beneficial B vitamin, Inositol.

\*Green leafy vegetables such as spinach are high in PABA as is liver, kidney, molasses, mushrooms and whole grains.

\*Okra lubricates the intestinal tract.

\*Mushrooms contain large amounts of RNA and DNA, PABA and Germanium-132. Shitake, zhu ling, enoki, reishi and maitake mushrooms are of particular value and may help stimulate natural killer cells.

\*Fresh wheat grass juice, barley juice, Spirulina, Chlorella and other greens contain concentrated amounts of chlorophyll which helps build red blood cells and hemoglobin. These foods are also excellent blood and liver purifiers and should be consumed fresh. They also contain large amounts of B12, calcium, iron, vitamin C plus many minerals and enzymes.

\*Drink fresh vegetable juices, including but not limited to celery, beets, parsley, cabbage and carrots in any combination that you like.

\* Drink fresh purple or red grape juice. It contains many quinones, bioflavonoids and anti-oxidant factors similar to many of the products in our 'Cantron Total Wellness Program.' Paul Harvey advertises purple grape juice as a perfect pure food that is effective in fighting cancer, heart disease, colds and flus. If you have a juicer, make the grape juice fresh and use the red or purple grapes that have seeds. Drink small amounts of orange juice (fresh squeezed with the orange peel included or commercial products containing the pulp are recommended for their bioflavonoid contents) and fresh apple juice for its magnesium content. Pomegranate, Wolfberry, Blueberry, Prune, Black Currant and Dark cherry juice contains high levels of antioxidant protection.

\*It is best to take fruit juices in the morning and vegetable juices in the afternoon.

\*In addition to our Green Tea supplements, drink hot green tea (do not select the decaffeinated preparations), Gotu Kola (for tranquility and circulation) and Ginseng (a powerful adaptogen).

\*Eat abundant quantities of berries such as blueberries, blackberries, raspberries, cranberries, boysenberries and strawberries. Fresh berry smoothies are delicious and nutritious. Berries contain ellagic acid, catechol and a wide scope of flavonoids, including many quinones. Berries protect DNA from damage and mutation.

## THE CANTRON WELLNESS DIET CONTINUED

- \*Cherries contain anthocyanins which are powerful anti-oxidants.
- \*Eat bananas for their potassium content and pineapple and papaya for their enzymes bromelain and papain.
- \*Eat lots of fiber and whole grains. Prunes are high in fiber and are excellent antioxidants as well. Avoid white bread. Eat fresh multi-grain breads instead.
- \*Seeds such as sunflower seeds and pumpkin seeds are complete foods and contain large amounts of RNA, DNA and essential fatty acids.
- \*The herb rosemary is a powerful antioxidant and blocks harmful effects of toxins. Parsley contains a substance that prevents the multiplication of tumor cells. Garlic contains large amounts of Germanium-132 and contains other valuable chemicals - alliin and ally sulfide. It is a natural antibiotic and helps maintain normal blood pressure. Crush it and let it rest for 10 minutes before use to raise the levels of the active ingredients.
- \*Onions are a great source of calcium.
- \*Legumes such as lentils, red beans and chick peas should be consumed.
- \*Avoid saturated fats and hydrogenated oils or partially hydrogenated oils such as crisco and most margarines. Butter and cold processed vegetable oils are better.
- \*Olive Oil is the oil of choice. It contains large amounts of Squalene, oleic acid and other beneficial compounds. Cold processed sesame and safflower oils are also fine.
- \*Emu oil, flaxseed oil, borage oil, fish oils, grape seed oil omega-3 oils and omega-6 are good sources of essential fatty acids.
- \*Never eat deep fried foods. Heated oils are the leading component of free radicals. If you must deep fry your food, use olive oil or grape seed oil and cook for a longer time at a lower heat in order to diminish breakdown of the oil. Most oils break down at 400%. Olive oil breaks down at 450% and grape seed oil at 485%.
- \*Consume the nutrient Lecithin to help emulsify fats in the system, especially if consuming large amounts of butter, eggs or high cholesterol foods. Note: eggs contain large amounts of lecithin, but supplementing with extra lecithin can be beneficial.
- \*Consume complex carbohydrates and moderate to low amount of simple carbohydrates. Avoid white flour and refined sugars (glucose) from any source. Fruit sugar (fructose) is much better, however, moderation is advised. White stevia is an excellent alternative. It is an herb that is 300 times sweeter than sugar. It has no calories and is beneficial to one's health as well.
- \*A couple of glasses per day of wine or beer are recommended. Note: alcohol must be avoided if on Hydrazine Sulfate.
- \*Avoid tobacco, all junk foods and limit fast foods.
- \*Saw Palmetto Berries can help maintain a healthy prostate.

## THE CANTRON WELLNESS DIET CONTINUED

- \*Colloidal Silver and Dr. Lamar's aerobic O7 (bioxygen) helps destroy microbes, bacteria, parasites and viruses
- \*Use sea salt instead of regular table salt.
- \*Frozen or canned foods lose a great deal of their vitamin contents. Always consume fresh, live foods.
- \*Avoid foods that contain preservatives, additives or food coloring.
- \* Don't overcook your food which can destroy valuable nutrients. Don't use aluminum pots and pans, utensils or non-stick coated cooking surfaces such as Teflon. Use stainless steel or cast iron instead.
- \*Keep the bowels active by eating figs, prunes, raisins, nectarines or a vegetable laxative.
- \*A high protein diet is necessary to help rebuild the body and to grow new healthy cells.
- \*Edema is caused by a deficiency of protein/amino acids in the body, especially albumin which are found in great abundance in egg whites.
- \*In addition to curtailing edema, protein/amino acid supplementation has an anabolic effect upon the entire system including the muscles and the liver. In animal studies, damaged livers regenerated much faster than animals which were not given protein supplementation.
- \*Protein supplementation can help prevent rapid weight loss and wasting away in individuals with terminal conditions.
- \*Glutamine is an amino acid which helps the assimilation of other proteins, therefore should be added.
- \*Arginine and Ornithine are growth hormone releasers which can be very effective as an adjunct to the Cantron Total Wellness Program.
- \*D,L Phenylalanine is an amino acid that might have a mild pain modulating effect.
- \*Methionine is an amino acid which is synergistic with our G-H3 (Gerovital H3) formulation. It helps build body tissue and helps remove fat from the liver.
- \*In addition to our N-Acetylcysteine capsules, additional Cysteine can be taken in protein powder supplements.
- \*Lysine helps build antibodies to fight foreign invaders.
- \*Whey protein helps build lean muscle mass and protects against muscle wasting in terminally ill patients. Nutritionists, physicians and other scientific advocates of the Cantron product are split on whether to be on a high animal protein diet or a vegetarian diet. Our recommendation is to choose whichever one is right for you and stick with it.  
If you choose a vegetarian diet it would be important to supplement the diet with essential amino acids. If you are a strict vegetarian, you can substitute a vegetarian blend of enzymes that includes high levels of the papaya enzyme - papain (500-1,000 mg) and Bromelain. Megazyme Forte contains enzymes from animal sources. Bovine Colostrum, Shark Liver Oil and Squalamax are also animal products.

\*If you choose to eat meat, limit it to lean chicken, turkey and fresh fish. Eat oil rich fish such as salmon, mackerel, sardines or herring. They are rich in essential fatty acids. Sardines are also very high in RNA and DNA.

\*Do not use anti-perspirants which prevents the elimination of toxins. Deodorants are fine.

\*Exercise to stimulate the circulatory system and the lymphatic system. This oxygenates the system and carries off waste products such as uric acid and lactic acid. Sauna baths are effective as well for detoxification.

\*Toxins in our body can accumulate in the subcutaneous fat layer under our skin and in the liver. Therefore, it is important to detoxify the liver. One of the best methods to achieve this is by coffee enemas. Coffee enemas reach the liver via the intestines and stimulate the liver to release the toxins it has been storing into the digestive tract, to be excreted out of the body. It must be regular coffee. It would be wise to do some regular enemas with acidophilus once a day for 3 days prior to the coffee enema. This way the intestines are somewhat cleared so when the liver releases its toxins they are excreted and not reabsorbed into the bloodstream. A french 21 tube which can be purchased at a medical/surgical supply store will get the enema higher into the digestive tract.

\*Colon irrigations performed by licensed practitioners can rid the body of years of putrified waste matter.

\*Take relaxing baths in Epsom salt (magnesium sulfate) and other minerals such as calcium, potassium or lithium.

\*Bathe in the sun to supplement the body with vitamin D unless you have skin cancer or any other diseases which sun should be avoided.

\*Avoid stress, listen to relaxing music and think positive thoughts. Self hypnosis or subliminal healing tapes are helpful in this end. State of mind is a very important part in any Wellness program. "What the mind can cause, the mind can cure." You have now been provided with information on the best Wellness Program ever created. Please use this information wisely. Wishing you great health, happiness and longevity,

## WELLNESS PROGRAM DEFINED

Although most people achieve excellent health results when taking Cantron by itself, there are many synergistic products available that may further help balance the body, support the immune system and lead to substantial health and renewed vigor.

With this knowledge in mind, the 'Cantron Total Wellness Program' was created. This program is based on the use of our unique and inimitable product - the Cantron Electrolyte and Antioxidant Formula - plus many adjunct products. These adjuncts serve to enhance Cantron's powerful effects on the natural healing process. The select nutritional products in this comprehensive program are recommended to take along with Cantron in a broadened attempt to achieve 'Total Wellness' defined as a state of proper balance in the body where perfect health exists.

The program was created based on knowledge accumulated during my 24 years of experience in the alternative medicine industry. Cantron is the most powerful nutritional supplement ever developed and now our 'Total Wellness Program' is the world's most effective supplement program as well.

We recommend a multitude of adjunct products in our 'Total Wellness Program, which are ideal for promoting the natural healing process. Of course we advocate taking the entire program whenever possible, however, we realize that some people may not desire to, cannot afford to or cannot ingest all of these nutrients on a daily basis.

Some people may want to take the Cantron with just a few of the adjuncts, while others may want to subscribe to the entire program of all the products.

## OUR RECOMMENDED LIST OF WELLNESS PRODUCTS

The following is a brief explanation of all 21 products that are recommended in our 'Wellness Program.' For more detailed information on these products (including dosage instructions and cost), please refer to the specific promotional flyers that are available on each product.

These products are selected for their abilities to; support anabolic activity, regenerate the liver, bolster the immune system, normalize cellular respiration, promote cellular regeneration, aid circulation, oxygenate the system, replenish chemical deficiencies in an aging or stressed system, provide anti-oxidant protection, detoxify the body, balance all systems of the body including the bio-electrical system and for their abilities to work synergistically with Cantron.



### 1. CANTRON ELECTROLYTE and ANTIOXIDANT FORMULA

a powerful reduction agent for cellular health and integrity. The most important product in our 'Total Wellness' program. Cantron's powerful formula is a unique blend of organic compounds, vitamins and minerals which are designed for their bio-electrical and antioxidant properties, for their role in cellular respiration, and as a detoxification and chelation agent.



### 2. MEGAZYME FORTE

a potent enzyme complex specifically formulated to work in conjunction with the Cantron Wellness Program.

Enzymes regulate digestion, production of energy, immune system activity, production of hormones and other body secretions. It aids in the destruction of foreign substances and they protect us from deadly bacterial infections. Enzymes also breakdown older cells that have fulfilled their useful function and need to be recycled.

Without proper enzymes your body would be made up of older, less efficient and lethargic cells. Conversely, with proper enzymes you will be made up of younger, more efficient cells, producing more energy and more adequately performing their

necessary life functions. Our health and relative vigor is linked to whether our cells are alive and efficient or mere 'deadwood'. Enzymes are also intrinsically helpful in ridding the body of waste material caused by the natural breakdown of unhealthy cells, a phenomenon called lysing which usually occurs to a greater extent when one is on the Cantron Wellness Program. Natural lysing of unhealthy cells is the desired effect of the Cantron Wellness program. However, without proper enzymes your body may have difficulty getting rid of the lysed waste material. This may put stress on the kidneys, another reason why Megazyme is so important to our 'Wellness' program. Megazyme Forte is the most potent enzyme complex ever developed. It contains high levels of the enzymes, bromelain, pancreatin papain, trypsin, lipase, amylase, catalase, chymotrypsin and rutin. Megazyme also contains thymus concentrate, zinc gluconate, bovine tissue extract, and a small amount of L-Glutathione reduced.



### 3. WILLARD'S WATER

the liquid answer for a liquid planet. a normalizer of all living things

Willard's Water, also known as Catalyst Altered Water (CAW) is a concentrate that is added to distilled water. It was invented by Dr. John Willard, Sr., Professor Emeritus of Chemistry at the South Dakota School of Mining and Technology. His product gained widespread notoriety when it was featured on the CBS television program 60 minutes.

CAW is very important to the Cantron Program because it enhances all the supplements in this program by creating better nutrient assimilation, greater penetration of nutrients and water into cells, promotes better circulation, works to counter stress on the system, oxygenates the system, enhances protein production and helps in the elimination of waste products.

CAW is essentially a dilute water solution containing certain electrolytes that gives it amazing properties. It is simply water that has had its molecular structure altered, or organized. This altered structure seems to make the water 'wetter' and better able to work with tremendous efficiency. It helps to decrease the surface tension of water which allows a greater permeability into every cell of the body and hard to reach areas such as the lymph system. Since the body is composed of 70% water, this enhanced characteristic of CAW greatly improves the natural functioning of the entire organism. Chemical reactions responsible for life processes cannot take place without water. By making water more reactive, the reactions taking place in living tissue are facilitated. If these reactions take place more easily and efficiently the quality of life improves.

"Nutrient intake, nutrient absorption and body retention of nutrients are all essential for building human and animal health," says Dr. Willard. CAW serves to enhance the assimilation of all nutrients including Cantron that are recommended in our 'Wellness Program and carries them into areas that they might not normally reach such as the lymph system. Dr. Willard gives an example by stating that 18 to 20% of B vitamins are normally assimilated by the body, but when taken with a glass of Willard's Water, the assimilation increases to 80 or 85%. Nutrients we take in are not only carried by water to the body cells, but waste is also carried away by water as the transporting vehicle. Therefore, Willard's Water also aids in the body's waste elimination process.

When cells were cultured in a CAW based tissue fluid, they produced significantly more proteins than control cells which were cultured in ordinary water. This aids in the anabolic activity of rebuilding healthy new cells to replace inefficient ones.



#### 4. SHARK LIVER OIL COMPOUND

this exotic compound is the most amazing immune enhancer ever discovered

Shark Liver Oil is recommended with the Cantron program because it has many exotic ingredients which strengthen the immune system, support anti-angiogenesis activity, bolster circulation, oxygenate the system, help excrete mercury, offer anti-oxidant protection and boost energy.

One of the compounds in Shark Liver Oil, squalene, is a powerful oxygen producing chemical. As Cantron works better in the presence of oxygen, (it is a reduction agent which captures oxygen) this makes Squalene the perfect adjunct.

Another ingredient in Shark Liver Oil Squalamine is a powerful anti-angiogenesis factor. Angiogenesis is a function in the body where unhealthy cells develop their own blood vessel structure in order to nourish and support themselves. The immune system uses certain compounds in the body to naturally counter angiogenesis. This normal body function is called anti-angiogenesis. If the body is deficient in these vital compounds, anti-angiogenesis can not occur. Squalamine also contains many other factors which support immune system functioning.

Other important compounds in Shark Liver oil are known as Alkylglycerols which are natural substances found in bone marrow and in mother's milk. This natural substance has the ability to enhance the immune system by helping produce higher quantities of red and white blood cells and macrophages which are first line fighters against foreign matter or organisms in our body.

Deficiency of alkylglycerols (AKG's) can lead to an immuno-compromised situation and lead to serious health problems. Adults need 100 times more AKGs than infants. Shark Liver Oil contains the highest levels of AKG's found in nature. There are 10 times more AKG's in human mother's milk than in cow's milk. There are 1,000 times more AKG's in Shark Liver Oil than in cow's milk.

AKGs have a unique antioxidant effect whereby it has the ability to enter the cell to attack, prevent and reduce those free radicals which have penetrated cell membranes and tissues. Free radicals within the cell itself are the most dangerous. These free radicals can damage the DNA and cause healthy cells to mutate. This can lead to grave health problems.

Shark Liver Oil contains a generous amount of omega-3 oils. Several clinical studies have shown that adding omega-3 oils to diets helps to maintain normal cholesterol and triglycerides levels in some people. Studies at Harvard also indicated that omega-3 oils are natural protectors in the body against attack by its own immune system.

Our Shark Liver Oil comes from deep water sharks off the coast of Newfoundland and is imported from Norway. Our brand only contains a small amount of vitamin D and E as opposed to other brands of which high doses can lead to neurological complications. Vitamin E can also conflict with the Cantron Electrolyte formula.



## 5. GERMANIUM-132

oxygen catalyst, antioxidant, immune enhancer electro-stimulant, detoxifier and normalizer

Germanium-132 is a mineral which has been hailed as being “good for almost anything that ails you.” It is known to stimulate the immune system, normalize many physiological imbalances and activates the body’s own defenses.

During illness and invasive drug therapy, the immune system becomes depressed and fails to do its job. Germanium-132 is known to enhance the immune system by stimulating production of natural killer cells and T-suppressor cells. It stimulates the production of Interferon and increases the body’s production of Macrophages and NK-Lymphocytes. It is also a very powerful antioxidant.

Dr. Azuhiko Asai, of Tokyo, Japan who discovered the nutritional properties of Germanium, was able to connect the healing properties of certain herbs to relatively high levels of Germanium-132. The following foods contain the greatest concentrations of Germanium-132: broccoli, celery, garlic, shitake mushrooms, milk, onions, rhubarb, sauerkraut, tomato juice, chlorella, all chlorophyll rich foods and the herbs aloe vera, comfrey, ginseng and suma. The ‘holy waters’ at Lourdes, France, in fact, contains large amounts of Germanium-132.

Germanium-132 is a semiconductor, with electrical properties between those of a metal and an insulator. It helps correct distortions in the electrical fields of the human body.

Germanium-132 is greatly important to our program because it dramatically improves cellular oxygen (as previously mentioned, Cantron works better in the presence of oxygen). According to the ‘Nutrition News,’ “All diseases are attributable to the deficiency of oxygen. The danger of oxygen deficiency in the body can not be overemphasized.” Germanium-132 greatly enriches oxygen in the living body. It raises the level of activity of various organs by enabling them to attract more oxygen and expels harmful pollutants and pathogens as well.

Germanium-132 improves the health of the arteries and has a normalizing effect on blood pressure and serum cholesterol levels.

It is imperative to take the non-toxic organic form Germanium-132 (germanium sesquioxide) as opposed to other forms of Germanium which could have toxic effects.

## 6. LAPACHO EXTRACT(a.k.a. Pau D'Arco, Ipe Roxo, Tecoma Curialis and Taheebo)

The most wondrous herb in all of nature

Lapacho is an amazing extract from the inner bark of the Lapacho tree which naturally contains many quinones which are similar in their chemistry and effect to the compounds which are synthesized in the Cantron formulation. Lapacho has a rich folklore tradition. Two articles in the Spotlight magazine in the early 1980's brought a lot of popularity and national attention to this herbal preparation. Lapacho may be the most wondrous herb in all of nature. The herb has a regulatory action upon digestive functions, bolsters pancreatic function, stimulates the appetite and acts as a general tonic. Upon spreading throughout the body, it revitalizes it by creating new vital elements and new normal cells. It gives the body greater vitality by strengthening its organic defenses. As a blood tonic, Lapacho contributes to the proper assimilation of nutrients and elimination of wastes, thereby facilitating the orderly multiplication of healthy cells.

Part of the effectiveness of Lapacho may stem from its observed ability to stimulate the production of red blood cells in bone marrow. Lapacho is a blood builder which increases the hemoglobin content and the number of red corpuscles. Increased red blood cell production would improve the oxygen-carrying capacity of the blood. This, in turn, could have important implications for the health of tissues throughout the body.

Also needed for oxygen transport by red cells is iron. The bark contains a high percentage of assimilable iron. It can be taken in mass doses and combined with other medications. It can also be given to children as well.

As a detoxifier, Lapacho acts upon the nervous system, to alleviate mild anxiety states. In its broad action, it puts the body in a defensive posture, giving it the energy it needs to naturally defend itself.

Lapacho is also a very powerful antioxidant. In fact, among the antioxidants, few have greater potency than lapachol and the other constituents of Lapacho. In vitro trials show definite inhibition of free radicals and inflammatory leukotrienes by lapacho constituents. Anti-oxidants, or free-radical scavengers, have emerged as premier candidates for the role of healers and disease-preventers.

Dietemann Research Foundation, Inc., of Los Angeles, California, found in extract samples that Lapacho is stimulating to the alimentary tract through the rectum and then back to the liver, gall bladder and sweat glands. The sweat glands are relief valves for the stomach, lungs and heart. The stimulation of this herb helps keep these glands open, operating well and warns the body when the adrenal glands are under stress.

The extract of Lapacho consists of many naphthaquinones of the ortho structure (ortho-quinones) which are similar to those in the Cantron formulation. These compounds play a critical role in cellular respiration. The famous William Koch, Ph.D., M.D., said that there are over 100 species of Lapacho. "The Medicinally active Lapachos are naphthoquinones of the ortho structure. They have very low oxidation reduction potentials." This is the reason Lapacho may have an important effect on cellular respiration similar to that of the Cantron formulation. As early as 1864 researchers at Bayer Laboratories isolated and identified a quinone in Lapacho, naming it lapachol. Dr. Meyer, of the National University of Tucuman, Argentina, was one of the first modern scientists on record to have studied Lapacho's chemical composition. In the early 1960's, Dr. Meyer isolated another one of Lapacho's active principles and found in it a quinone which he called xlyoidin. Other effective quinones in Lapacho are betalapachone and dehydrolapachone. The bark contains at least 20 other active compounds, including quercetin and various flavonoids.

Another compound - quechua - was also isolated from Lapacho. The Cancer Institute has this report in "Cancer Chemotherapy Reports" Part 2, Vol. 4, No. 4, Dec. 1974: "...Pau D'Arco (Lapacho) contains quechua, a substance found to be a powerful antibiotic with virus-killing properties." This may explain why the Lapacho tree is the only type of vegetation known that will not permit the development of fungus. Most plant life when exposed to water and weather become covered with spores which lead to fungus formation. This doesn't occur with Lapacho. The tree has an uncommon resistance.

The following elements in Lapacho have been detected by x-ray spectroscopy: barium, strontium, bromine and iodine. These elements exert an electrical charge. They are believed to act on the human cell through a system of ionization by residual alpha rays and cosmic radiation. R.C. Pilsner, D.Sc. and licensed nutrition specialist, writes, "Being a biochemist, I have researched and analyzed many elements for their nutrient value and their peculiar selective actions on...organs and tissues." Pilsner has discovered that certain herbs emit an ultraviolet wave known as Gurwich rays. These rays stimulate cell metabolism and the body's own ability to rejuvenate itself. He believes that herbs emitting the Gerwich rays include Lapacho. Pilsner has subjected Lapacho to rigorous laboratory tests and recommends daily use as a nutritional supplement.

Sulfurous compounds when combined with Lapacho might provide a catalytic base for the transformation of lapachol to beta-lapachone, and hence increase the effectiveness of the Lapacho herb. As Cantron, Cysteine and MSM contains sulfur, these 'Wellness Products' are synergistic adjuncts to Lapacho. In this light it is interesting to note that native folklore teaches that an herb called Yerbamate which contains ample sulfur is a catalyst for Lapacho. Many of the natives used Yerbamate along with Lapacho.



#### 7. AVELOZ EXTRACT

a tenacious esharotic (tissue tearing) plant from South America

Aveloz is an important folk medicine item of the Amazon Indians, who have been using the substance through time immemorial.

Aveloz is a tenacious plant from South America that survives changes such as deforestation, drought and advancing deserts where no other plants can. In fact, it thrives under these conditions. It even helps spread devastation because of an unusual property - it exudes heat and destroys vegetation around it. This herb is listed as an esharotic which is a substances that can tear apart unhealthy tissue. In this case heat exuding properties of

Aveloz is the reason it functions as an esharotic.

Aveloz contains a wide range of phytochemicals including ellagic acid, methyl-ellagic acid, Citric Acid, Taraxasterol, Taraxerin and Tirucallol. In addition to Aveloz, ellagic acid is also contained in many health giving fruits such as raspberries, strawberries and pomegranates. Ellagic acid reinforces and strengthens the outer wall of healthy (aerobic) cells and helps protect them from the invasion of unhealthy (anaerobic) cells. When anaerobic cells are successful in permeating neighboring aerobic cells, these healthy cells then become anaerobic.

Ellagic acid in pill form has been known to cause severe cases of nausea and vomiting. This side effect, however, does not occur in the natural Aveloz product just as this does not occur when ellagic acid is consumed in its other natural forms such as berries. Some of the other compounds in Aveloz are diterpene esters which has been subject of a great deal of medical research. Aveloz works hand in hand with the Lapacho Extract and make a great herbal combination. Aveloz was also featured in the Spotlight magazine in the 1980s.



### 8. SQUALAMAX a concentrated source of Squalamine

Squalamine is an essential ingredient which is contained in our Shark Liver Oil product (see product No. 4). Shark liver oil, however, contains many other exotic compounds in addition to squalamine. Squalamax only contains a highly concentrated form of squalamine and none of the other ingredients.

By taking Squalamax, significantly more squalamine is ingested than by taking Shark Liver Oil capsules alone. Squalamax can be taken by itself, however, by taking it along with Shark Liver Oil the effects of both products will be dramatically enhanced.  
[Click here for more detailed information about this product.](#)



### 9. G-H3 (GEROVITAL H3) a revitalizing tonic that exerts a beneficial influence on all body systems and a powerful weapon against stress

G-H3 is an extremely valuable component of the 'Cantron Wellness Program' because it is a catalyst for anabolic activity (build up and repair of the entire organism). It is a powerful weapon against stress, provides energy (physical and mental), increases appetite and desire and has a positive effect on moods and state of mind. As previously stated, Cantron works better in the presence of oxygen.

G-H3 enhances circulation and oxygen transfer to the cells. It facilitates the delivery of Cantron and other nutrients into the cells and hard to reach areas such as the lymph system.

Gerovital-H3 (G-H3) is the original formula of Professor Ana Aslan, M.D. of Romania who utilized this wonderful product for decades in her world famous National Institute of Geriatrics in Bucharest, Romania. Many rich and famous celebrities traveled to Dr. Aslan's clinics in order to receive this revitalizing treatment.

Aslan originally referred to this discovery as Vitamin Factor H3 because its active ingredient, procaine hydrochloride, breaks down in the bloodstream into two bio-nutrients that naturally occur in the body but becomes deficient as we age.

In her research, Professor Aslan administered this product to tens of thousands of elderly people and their health was overwhelmingly better than could be expected in a normal geriatric population. There was significantly less age related effects on her subjects and the patients looked better and felt better than the norm. G-H3 has a favorable influence on all cells and all systems of the body; the circulatory system, the nervous system, the endocrine system, the digestive system, the muscular-skeletal system, the gastro-intestinal system and the immune system. It improves protein synthesis, helps in the production of many vitamins, oxygenates the system, works as an anti-oxidant and an anti-cortisol. It has positive effects upon; the heart, skin, hair, nails, body tissues, memory functions, cellular integrity and sleep patterns. GH-3 can also protect against radiation damage.



#### 10. NONI FRUIT CAPSULES

a rich source of the vital body chemical Xeronine

Noni has long been used as a daily common sense approach to general 'Wellness.' A recent study showed that Noni has unique immune stimulating effects. It also regulates cell function and cellular regeneration. The fact that Noni seems to operate on the very basic and critical cellular level may explain why it is considered one of the most beneficial nutritional products available and has such a tremendous impact on the human body. The Noni plant grows primarily through the South Pacific, but grows best in the mineral rich volcanic Ash of the pristine Hawaiians islands where it has been treasured for thousands of years. The Kahunas or traditional medicine men have used this plant and its prized fruit for a wide variety of health problems.

Keio University and The Institute of Biomedical Sciences in Japan claimed the isolation of a new anthraquinone compound from Noni called damnacanthal which occurs in the fruit. Noni delivers a precursor called "pro-xeronine" to the body which then changes into "xeronine" at the cellular level. It is a substance vital to the function of your body. Without xeronine, your proteins would not be able to function and you would not be able to survive. Most people do not get an adequate supply of xeronine in the food they eat and without a proper supply, many health problems will occur. Xeronine regulates the rigidity and shape of specific proteins. Since these proteins have different functions, a deficiency of xeronine can affect an unbelievably wide range of physiological responses.

The liver releases just the right amount of pro-xeronine into the blood stream where it is distributed throughout various tissues in the body every two hours. It is these semi- hourly releases of pro-xeronine that is responsible for what physiologists call biorhythms, or increases in mental and physical alertness. Noni increases body energy and has a positive effect on mild mood states. The action of Noni in making a person feel well is caused by xeronine converting certain brain receptors proteins into active sites for the absorption of the endorphines, the well-being hormones.

A survey of 1000 people that took Noni found that:

\* 78% felt a noticeable increase in health.

\* 69% were so affected that they would not give up their Noni under any condition.



#### 11. N-ACETYLCYSTEINE

a body building amino acid, antioxidant and detoxifier

Cysteine is a remarkable health building sulfur containing amino acid (building block of protein) which supports anabolic activity (building up of the body). Cysteine helps the body build new healthy cells to replace old unhealthy cells. Cysteine also plays a role in proper liver functioning. It is needed for the liver in order to produce the free radical fighter glutathione and to help maintain it at adequate levels in the cells.

N-Acetylcysteine (NAC) is a more stable form of cysteine and has been shown to be more effective at boosting glutathione levels than cysteine. NAC is used by the liver and the lymphocytes to detoxify chemicals and other poisons. It is a potent anti-oxidant that protects the body against bacteria, viruses, chemicals and radiation damage. It blocks the activity of harmful chemicals in tobacco, alcohol, smoke and polluted air, all of which are immune suppressants. NAC can boost the levels of protective enzymes in the body, thus slowing some of the cellular damage. It promotes healing after surgery and severe burns, chelates heavy metals and aids in iron absorption. It also plays an important role in the activity of white blood cells which fight disease.



## 12. ALPHA FACTOR BOVINE COLOSTRUM

a potent source of growth factors and immuno-factors from mother's first milk

Colostrum is nature's perfect first food. It is the pre-milk substance produced from the mother's breasts of all mammals during the first 24-48 hours of lactation.

Colostrum supplies a complete complement of immune and growth factors and a perfect combination of vitamins and minerals to insure the health, vitality and growth of the newborn. Please consult our promotional flyer to see a listing of the dozens of immune and growth factors that are contained in Colostrum.

Laboratory analyses of both immune and growth factors from bovine colostrum indicate that they are identical to those found in human colostrum except for the fact that the levels of these factors are significantly higher in the bovine version. Bovine colostrum is actually 40 times richer in immune factors than human colostrum.

Bovine colostrum rebuilds the immune system, helps the body ward off foreign invaders, accelerates healing of all body tissue, increases bone and lean muscle mass and replenishes an aging system. Colostrum also has antioxidant properties and natural anti-inflammatory properties. Experience has shown that nature knows best in many cases of healing. But as we age, we notice it takes us a little longer to fight off a cold or flu, we become more vulnerable to disease, our energy and enthusiasm lessen, our skin loses its elasticity, we gain unwanted weight and lose muscle tone. This is because after maturity, we gradually lose the natural immune and growth factors in our body.

Medical studies have shown the vital growth factors and nucleotides from bovine colostrum help provide the raw materials to repair vital DNA and RNA in the body's cells. Further, by stimulating DNA formation it has been shown that they can help stimulate normal cell and tissue growth, regeneration and accelerated repair of aged or injured muscle, skin collagen, bone, cartilage, nerve tissues, heart muscle and new blood vessels for collateral coronary circulation.

PRP in bovine colostrum, has the same ability to regulate activity of the immune system as hormones of the thymus gland. It activates an underactive immune system, helping it move into action against disease-causing organisms. PRP also suppresses an overactive immune system, such as is often seen in the autoimmune diseases. PRP is highly anti-inflammatory and also appears to act on T-cell precursors to produce helper T-cells and suppressor T-cells... Drs. Staroscik, et. al., *Molecular Immunology*.

Supplementation of colostrum enhances the efficiency of amino acid and carbohydrate fuel uptake by the intestine. More nutrients are made available for muscle cells and other vital tissues and organs.



### 13. OPC

one of the most potent antioxidant free radical scavengers ever discovered

OPCs is a miraculous antioxidant product, having potent free radical scavenger effects, more than other so-called super antioxidants which are on the market today. In fact, it is 20 times more powerful than vitamin C and 50 times more effective than vitamin E. Free radicals are highly reactive oxygen molecules, formed as by-products of normal metabolic reactions. They act on the cells and tissues of the body to produce significant damage in a process known as oxidation. Free radicals cause tremendous irritation and damage to virtually every kind of tissue throughout our bodies. They damage cell membranes, and alter DNA which changes the way cells replicate. Cellular changes that result from regular bombardment by free radicals can

lead to various degenerative conditions. Antioxidants are substances which neutralize unstable radical oxygen molecules that attack the body's cells.

OPCs is the trade name for Oligomeric Proanthocyanidin (patent #4,698,360), a special family of bioflavonoids plus 40 other biologically beneficial components which provide the body with nutritional tools to neutralize free radicals so that the body can renew itself and function normally.

Grape seed extract and pine bark extract are two of the most potent sources of proanthocyanidins. Our OPCs capsules contain 75 mg of Pine Bark from the bark of the French Maritime pine tree , 75 mg of concentrated grape seed extract and 15 mg of quercetin, a powerful and very valuable bioflavonoid which is the major component of Ginko Biloba. Quercetin helps stabilize cell membranes helping to reduce the breakdown of collagen and helps inhibit the release of histamine. OPCs is known throughout Europe as the youth nutrient because of its ability to revitalize collagen. Collagen, one of the body's most widespread proteins, is the primary component of the joints and skin. Interlacing collagen fibers give your skin and joints their strength and youthful elasticity. OPCs bind to collagen and helps collagen fibers re-build their cross-links.

According to Dr. Denham Harman, MD, PhD., the average life expectancy of many species can be increased by more than 20 percent by adding antioxidants to the diet. There are many health benefits from taking powerful antioxidants such as OPC:

- \*It enhances cell vitality and gives the body a better chance to fight and to naturally heal itself.
- \*OPCs help fight free radicals, dramatically reducing tissue inflammation, swelling as well as binding with and protecting the vital protein collagen.
- \*In tests, the compound helped build resistance and boosted the immune systems by as much as 50 percent. Specifically, it increased concentration of natural killer cells, the body's first line of defense.
- \*An English researcher found that the antioxidant makeup of OPCs inhibit the formation of one of the major carcinogens of cigarette smoke.
- \*Overall joint function and circulation is improved. It strengthens capillaries, veins and blood vessel walls, including those that supply the heart.
- \*OPCs promote healthy brain function. It readily crosses the blood brain barrier to protect brain cells and blood vessels in the brain from free radical damage.



#### 14. GREEN TEA CAPSULES

a polyphenol rich herb with anti-oxidant properties

Populations such as Japan and China drink Green tea as a part of a daily cultural habit. It is consumed for its pleasant taste, its relaxing effect and its health giving properties.

Green Tea contains a wide array of phytochemicals including but not limited to polyphenols, quercetin (a chemical that exists in Ginko Biloba, Lapacho and OPCs), flavanoids such as rutin, catechins (similar to one of the main compounds in Cantron), lutein, lycopene, procyanidins and beta-carotene. One of the active ingredients in Green Tea is a polyphenol- epigallocatechin (EGCG) which is a potent anti-oxidant.

It also has an inhibitory effect on the enzyme urokinase which can lead to abnormal cell function. Test have shown that EGCG is able to penetrate the body's cells and shield DNA from potent free radicals.

Green Tea's antioxidants have been shown to have a beneficial effect on the heart as it may prevent the oxidation of LDL cholesterol.



#### 15. ECHINACEA

stimulates the thymus gland, boosts immune function and cleanses the lymph system

Echinacea is an herb that was widely used as a multipurpose cure by American Indians and was incorporated in many patent medicines earlier in the century until it was replaced by antibiotics.

Echinacea stimulates the thymus gland which is the main organ involved in the body's immune system responses to infection. Echinacea also stimulates certain white blood cells to neutralize harmful substances. It actually stimulates the production of Interferon. Laboratory tests have found that compounds contained in echinacea have the ability to rearrange and recognize enzyme patterns in the body. Echinacea also boosts lymphatic cleansing of the blood.



## 21. HYDRAZINE SULFATE

modulates a metabolic function that results in catabolic activity (breakdown of the system)

Hydrazine Sulfate is a product developed by Dr. Joseph Gold of Syracuse University. It modulates the metabolism of lactic acid - an undesirable byproduct of glucose metabolism. Lactic acid causes extreme imbalances and stress on the entire organism.

Glucose is the prime source of energy for unhealthy anaerobic cells. Lactic acid is metabolized directly into glucose and serves to feed these undesired and primitive cell structures, and simultaneously starves healthy cells of vital nutrients. This process causes extreme weight loss due to the loss of lean tissue and muscle mass. Hydrazine Sulfate helps to break this debilitating catabolic process. Note: Catabolic activity is the opposite of anabolic activity. Anabolic is the build up and repair of the system where catabolic is the breakdown of a system.

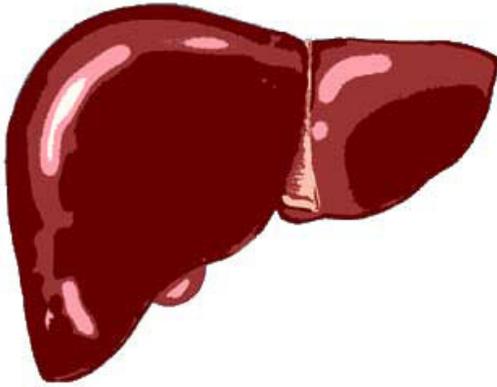
This metabolic imbalance causes the liver to expend energy to detoxify the lactic acid and convert it back to glucose only to feed anaerobic cells which then reconverts the glucose back to lactic acid in a metabolic circle. The body's expenditure of energy in this process eventually results in it wasting away. Hydrazine Sulfate, however, helps to block a liver enzyme necessary to convert lactic acid into glucose and thereby not only modulates this debilitating circular process but limits the amount of available energy for unhealthy anaerobic cells.

Hydrazine Sulfate's role in a nutritional Wellness program is to enable a patient to return to sufficiently good health so the body's natural defenses are restored.

The Office Of Cancer Complementary and Alternative Medicine made the following statement about Hydrazine Sulfate in relation to testing cancer alternative medicines modalities that may increase survival and quality of life, without necessarily causing reduction in tumor size and should be given in conjunction with standard therapies:

"The development of Hydrazine Sulfate is a good example of this approach. A total of 65 patients who all received standard chemotherapy for metastatic non-small cell carcinoma of the lung were prospectively randomized to also receive either Hydrazine Sulfate or Placebo. The group of patients who received Hydrazine Sulfate lived 50% longer than the group who did not.

There are many restrictions when taking Hydrazine Sulfate. You should avoid alcohol, barbiturates, sedatives, tranquilizers, barbituates, anti-depressants containing MAO inhibitors, vitamin B-6 and all foods containing tyramine such as found in bananas, red wine and aged cheeses. Please consult the list of foods to avoid which was compiled by the developer of this product. This will be sent to you upon purchase of the product or in advance upon your request. Due to the diet restrictions, which not all persons may wish to adhere to, we are offering this product separately but at a discount when purchased along with anyone of our Wellness Programs.



## LIVER WELLNESS

The liver is the largest and one of the most important glandular organs in the body. It is the principal site of metabolism. It is also the largest immune organ in the body.

The liver is the source of Kupffer's cells. These cells filter and destroy foreign bacteria, funguses, viruses, mycoplasma and cancerous cells. This organ is also a site where toxins in the body are neutralized. Waste products including urea, ammonia and carbon dioxide are removed. The liver breaks down blood cells and excretes waste products as bile to the Gall Bladder.

Blood carrying the usable products of digestion flows to the liver, where nutrients are converted for energy storage to form amino acids (building blocks of protein), or metabolized to fatty acids.

Naturally as it is important in so many essential functions, good health is in a very large part, dependant upon a healthy functioning liver. If the liver is out of balance it affects the balance of the entire organism. Wellness simply cannot exist without a proper functioning liver. The good news, however, is that the liver is an organ that is capable of regeneration.

Because of the liver's importance to overall health, we have developed a special Wellness program (products 17-20). This program is designed to help purify and nutritionally bolster the liver in order to help promote proper functioning and regenerative function. Hydrazine Sulfate (product 21) also helps take stress off the liver and can be added to any Wellness Program.

The Liver Wellness Program can be taken by itself or as a part of the Cantron Wellness Program in order to maintain healthy liver functioning and overall Wellness. Other recommendations to aid the liver are listed in our Cantron Wellness Diet.

Using regular coffee during a colonic gets up into the liver, and helps the liver release its toxins into the colon, then it leaves the body.