

# WHAT IS THE PURPOSE OF ENZYMES?

*Below are portions of an article published in the Herald News, March 22, 1995 by Marcus Weller.*

Ever since the Bubonic Plague in 1350 which killed over 50% of the people in Europe (over 25 million), scientists and doctors have wondered why some people survived and others died.

Finally, thanks to the advance of technology, scientists have concluded that most people succumb to disease and illness due to weakened immune systems.

**What weakens the immune system? Stress, poor nutrition, drugs (prescription or illegal), chemical pollution, but most of all lack of enzymes!**

**We Would Die Without Enzymes!**

## **What are enzymes and why are they so important?**

Enzymes are energized protein molecules. They are the human body's life force and are involved in every function of the body. Vitamins, minerals and hormones must have enzymes to work properly. Life cannot exist without enzymes. Individuals who are enzyme deficient are subject to physical problems, disease and degeneration. Studies indicate that decreased enzymes levels are found in a number of chronic ailments, such as arthritis, diabetes, allergies, skin diseases, cancer, immune deficiencies and much more. In other words,

If you removed enzymes from the body, it would stop working and die! Enzymes are responsible for the functions of every organ. The body is a big efficient chemical factory and enzymes are needed for every chemical action and reaction. Every gene's program is associated with the actions of enzymes. Even vitamins and nutrients can't be used effectively without enzymes.

The immune system's function is to fight off all foreign invaders in the body such as bacteria, viruses, carcinogens and other chemicals. It relies almost totally on enzymes to do its job. A weakened immune system has a diminished volume of enzymes which includes those that are defective or worn out. Enzymes have a limited life and must be replaced regularly.

In today's world, digestive enzymes are the most important health product a person can take. A person not taking digestive enzymes with meals and on an empty stomach is aging faster and getting older quicker... because they are using up their own enzyme reserves and more of the body's energy to help with digestion. Digestive enzymes help conserve the human body's enzyme reserves. Without digestive enzymes the protectors and repairers of the human body can be called into action to help digest food and to clean up the undigested food particles in the bloodstream. When the protectors and repairers are cleaning up the blood they are being distracted away from doing the job they are suppose to do.

## **Cooked Food Kills Enzymes!**

The enzymes in foods that have been cooked have been destroyed or changed into a different compound ( amino acid ). Cooked food can only be used as food and not as enzymes, for it has no life. Many enzymes are destroyed at 107° F and almost all are destroyed at 140° F, this may overwork the pancreas. When all the pancreatic enzymes are used up, there are none left in the blood to destroy cancer cells. So you must obtain enzymes from raw foods or special enzyme supplements. The majority of all food is processed, so people get very few enzymes in their diets. Also, did you know that Fluoride is a destroyer of human enzymes.

## **Aging Reduces Enzyme Production!**

Tests have shown that 70 year old people have about half the enzymes of 20 year olds. Once illness or infection have invaded, the older body works overtime struggling to produce enzymes the immune system needs to overcome the problem. Often it cannot produce enough and chronic disease sets in, such as cancer, heart disease, arthritis, etc. Over 200 other diseases result from worn out or defective gene controlled enzymes such as: high blood pressure, hardening of the arteries, circulatory problems, diabetes, tuberculosis, psoriasis, dermatitis, prostatitis, cirrhosis, hepatitis, pruritis, cholecystitis, rheumatism, edema, varicose veins, sores, pancreatitis, etc.

## **No Side Effects!**

Over 15,000 people in Europe and Japan have been given enzyme supplementation or therapy with enormous success, all with no important side effects! The reason there are no side effects is because enzymes are food forms, not drugs. Much of the serious scientific interest began with Dr. Ernst Freund noticed that most cancer patients get thrombolysis (blood clots that cause heart attacks), and most thrombolysis patients get cancer. He suspected that the common connection might be enzymes. On testing their blood, he found both patient groups to be lacking in three important enzymes. Recently researchers found that two of those enzymes destroy blood clots and the other creates macrophages which break down fibrin. Cancer cells hide under a coating of fibrin. Once the cover is removed, our bodies' killer cells destroy the cancer cells.

## **Everyone Has Cancer Cells -- Normally!**

Normally, in our bodies there are 100 to 10,000 cancer cells floating around at all times, according to medical school professor and well-known immunologist, Dr. Michael Williams. But if your immune system weakens sufficiently, the cancer cells attach themselves to an organ, build a covering of fibrin so antibodies can't find them -- and you are in trouble!

The good news is that Dr. A.E. Leskovar reported that supplementation with enzymes increases the macrophages by 700% and killer cells by 1,300% in a short time. That's why people with healthy immune systems don't get cancer.

European doctors have had significant success in stopping early onset cancer by oral supplementation of enzymes and by injecting enzymes directly into the tumor.

## **Works Better Than Chemotherapy!**

Dr. Chin Po Kim, a highly respected scientist and internationally recognized immunologist, cited a remarkable 23% overall mortality rate in cancer patients who took oral enzymes. This is about the same rate achieved by chemotherapy and radiation treatments -- but with none of the side effects.

Also, several studies conducted by European scientists show that oral enzymes taken with chemotherapy and radiation improves the response rate and reduces the side effects significantly.

In published reports in several medical journals, 141 physicians participated in multi center controlled studies treating 1,004 patients with enzyme mixtures. Depending on the type, 76% - 96% were classified as improved. The enzymes reduced stiffness, joint swelling, improved ability to bend and slowed down or completely halted deterioration of the joints.

## **Circulatory and Heart Disorders!**

Vascular and circulatory disorders also respond well to enzyme supplementation. This includes arteriosclerosis, thrombosis, coronary heart disease, phlebitis, and other circulatory problems that affect the brain, lung, kidneys and liver.

Former Fordham University Professor of Medicine, Dr. Max Wolf reported that tests of 347 patients with circulatory disorders showed 87% completely free or almost free of symptoms after taking enzymes. Dr. H. Dench, Austrian Professor of Medicine, conducted similar tests of patients who had problems with blood clots. 93% of the patients significantly improved after enzyme treatments.

## **More Reasons For Enzyme Supplementation**

A German scientist, Dr. Karl Maeder reported that a multi center study of 216 patients suffering from various vein disorders were given oral enzymes. Their typical problems were edema and serious varicose veins. 94% either completely recovered or had significant improvement.

## **Does stool with a foul odor indicate improper digestion?**

Yes, in the intestinal track and colon undigested proteins putrefy, undigested carbohydrates ferment and undigested fats turn rancid. When the stool has a foul odor, we are having digestive problems.

## **I take antacids for heartburn and indigestion. How can enzymes help?**

Enzymes will help heartburn and indigestion almost immediately. Antacids provide only temporary relief by neutralizing the acidity in the stomach, but will cause a much greater problem. Antacids stop the body from doing its digestive job... while enzymes help the body to do its digestive job. Enzymes are safe and effective... antacids are not!

## **Better Than Drugs For Shingles!**

In 1964, Dr. Robert Dorrer of the Prien Hospital tested 24 patients suffering from shingles with oral enzymes. Within three days the pain ceased and the blisters started healing. A German medical journal reported his impressive success.

Dr. Wilhelm Bartsch, the director of a cancer clinic in Germany took particular notice of his article. The reason was that very often cancer patients develop shingles. He began a double-blind study using enzymes and the then-current drug prescribed for shingles. Half way through the study, he abandoned the drug for ethical reasons because all those taking the enzymes were significantly improved in a short time.

Just recently, Dr. Michael Klein did a double-blind study with oral enzymes and the now-current drug for shingles: acyclovir. He concluded that both were equally effective -- but the enzymes prevented the reoccurrence of neuralgia, had no side effects and cost much less!

## **Olympic Athletes Use Enzymes!**

Injury is a common problem with all those that are athletic -- especially professionals and Olympians. Sports medicine doctors know they can't prevent injuries, so they look for methods to heal players as quickly as possible.

Karate fighters experience considerable injuries so doctors chose them as a test group for a double blind study using oral enzymes and placebos. Those taking enzymes 3 times a day in advance of the events healed 50% quicker.

The German Olympic team doctors conducted similar tests with all types of athletes. The results were comparable for 82% of the players, and soreness from strenuous events was considerably less.

## **Heal Faster From Injury or Surgery!**

Professor Raas of the University of Innsbruck, who is responsible for the health of Austrian athletes in the Winter Olympic games, also confirmed those findings. He stated that, "A good portion of the success achieved by the athletes under his care would not have been possible without enzymes".

He advises even casual athletes to take enzymes daily to lessen the effects of potential injury. Another benefit of enzymes is that they regulate your metabolism. The fewer enzymes in your body the lower your energy level. Those with chronic fatigue can improve with enzymes. Doctors elsewhere have found that oral enzymes taken prior to surgery accelerates healing, allowing patients to leave the hospital quicker and resume normal routines sooner.

## **Weight Loss and A Cause Of Obesity!**

Lipase is an enzyme that aids the body in breaking down fats and removing fats from storage. Without this enzyme, fat stagnates and accumulates not only in the obvious

places, but in the arteries. The fats in the arteries contribute to cholesterol and arteriosclerosis.

Dr. David Galton at the School of Medicine of Tufts University tested people weighing an average of 230 pounds. He found that every one of them was lacking enzymes in their fatty tissue.

Veterinarians conducted an experiment with hogs. One group of hogs was fed only raw potatoes, the other cooked. The group eating raw lost weight; the group eating cooked gained weight. This clearly shows the effect of enzymes on weight because even though potatoes are high in enzyme content, cooking destroys the enzymes.

## **What are the benefits of taking “Enzymes” on an empty stomach?**

Enzymes will help all of the following in the bloodstream:

- Digest proteins
- Stimulate the Immune System
- Assimilate fats
- Shatter Crystalline Deposits
- Increase energy
- Breaking up Cholesterol Deposits
- Reduce bacteria
- Increase the White Blood Cell size and activity
- Assimilate and Eliminate Toxins
- Increase the surface area of the red blood cell... making it possible to carry more oxygen to all parts of the body.
- Eliminate Yeast
- Break up and dissolve Uric Acid Crystals
- Raise T-Cell activity and production

If you do not take enzymes on an empty stomach  
ALL THE ABOVE BENEFITS WILL BE MISSED !!!

As we have shown, enzymes really are essential to life. As you age, the reduced ability of your body to produce the required amounts of enzymes from their limited sources in foods makes you more vulnerable to illness and disease.

## **Now You Can Fight Off The Worst Diseases**

Many scientists have proven that oral supplementation of enzymes builds up the immune system to fight off the worst diseases as well as improve the function of the entire body. Enzymes deliver nutrients, carry away toxic wastes, digest food, purify the blood, deliver hormones by feeding and fortifying the endocrine system, balance cholesterol and triglyceride levels, feed the brain and cause no harm to the body. All of these factors contribute to the strengthening of the immune system. Enzymes

have so many functions that it takes an encyclopedia size volume of books to cover all that is known today.

# Enzyme Therapy vs. Cancer

Enzyme therapy is an effective safe alternative cancer treatment.

## Enzyme Therapy

Enzyme therapy is generally broken down into two types: Food enzymes and Proteolytic (protein digesting enzymes). Several researchers including Dr. John Beard, Dr. Ernst Krebs, Jr., and Dr. Dean Burk found that the cancer cell is coated with a protein lining and that it is this protein lining (or covering) that prevents the body's normal defenses from getting to the cancer cell. They found that, if you can dissolve the protein lining from around the cancer cell, the body's normal defenses, the leukocytes (white blood cells), will destroy the cancer cell.

## What is Enzyme Therapy?

Enzyme therapy is an effective safe alternative cancer treatment by reversing the tumor from malignant to benign, by inducing apoptosis in tumor cells, by breaking down the tumor, by eliminating toxins and cancer cells, by restoring body functions, by strengthening the body and the immune system, by reversing the internal environment from the conditions ( anaerobic, acidic pH ) favorable to cancer cells to a healthy environment. To win with cancer we have to first completely eliminate the cancer part of the tumor(s) then to change the internal environment in which cancer happens and grows, and strengthen the cancer defense mechanism so that it will detect and destroy any mutated cell, that way cancer doesn't come back. Enzyme therapy does the change by restoring the environment to a healthy state. Enzyme therapy contains proteolytic enzymes which break down the tumor, cancer cells and toxins, and polysaccharidase which boosts the immune system and provides more energy.

## Enzyme Functions:

Basically enzymes has six functions:

1. Restore internal environment: that includes blood pH to be slightly alkaline, eliminate body wastes, restore intestinal bacteria balance, strengthen cells, enhance digestion, strengthen immune system, maintain body balance.
2. Anti-inflammation.
3. Anti-infection.
4. Decomposition.
5. Blood purification: Eliminate wastes, breaks down toxins, maintain pH to be slightly alkaline, maintain right fluidity, improve circulation.
6. Cell revival: Improve cell metabolism, strengthen the body, revive injured cell or transformed cell.

## What is the role of enzyme therapy for cancer?

Enzymes uses mainly four of its functions: restore internal environment, decomposition, blood purification and cell revival.

**Restore the body internal environment:** This includes blood pH to be slightly alkaline, eliminate body wastes, restore intestinal bacteria balance, strengthen the immune system, improve digestion and facilitate excretion.

**Decomposition:** Enzymes break down the tumor; enzymes also break down the fibrin coating of the cancer cell to unmask it in order for the immune system to identify as "nonself". Once it is identified, the immune system can then attack and destroy it.

**Blood purification:** Eliminate wastes, decompose toxins, maintain right blood pH and fluidity, facilitate blood circulation. When blood circulates well, cancer cells has no place to hide, then it can not reproduce, and chance it will be spotted by the immune system. Also when blood flows easily, it can transport oxygen and nutrients to cells. As we all know according to Nobel Prize winner Otto Warburg cancer cells cannot live in an oxygen rich environment.

**Cell revival:** Enzymes can reverse tumors from malignant to benign. Enzymes can induce apoptosis in tumor cells. Enzymes also create new cells in place of cancer cells after the cancer cell has been eliminated.

## How can I believe that it works?

### Stage IV breast cancer metastasized to bones

A lady in her early forties was diagnosed with breast cancer in 1994. Had surgery, radiation, hormonal treatment. In 98 cancer had spread to the pelvis. July 99 it spread to second breast. Again surgery. Dec 99 had chemo. Then cancer had spread to her ribs, spine, hip, right and left femurs. It became more and more painful to walk.

On Nov 21, 2000 she started to take enzymes. On Dec 13, 2000 she started radiation for ten sessions on her right femur. On Jan 23, 2001 had a blood test. The cancer marker was 373. Had no more pain on pelvis, ribs, spine and hip. The only area left were left and right femurs. Had so much pain on right femur because of inflammation caused by radiation. Was hospitalised. Was given morphine. Started chemo on Jan 30, 2001 once every three weeks. April 2, 2001 cancer marker was 153. May 15, 2001 cancer marker was 99. Right now she can walk without much pain. She can walk a short distance without support. She can drive a car, go shopping and do more things than before.

### Stage IV colon cancer metastasized to liver and lung

A man age 40, diagnosed in July 98 with colon cancer metastasized to liver and lung. There are about ten tumors in his liver and the biggest one measured 8cm. After two rounds of chemo, the tumors didn't shrink. The doctor gave him six months. On June 22, 2000 he started to take enzymes. On July 4th, 2000 he had a blood test, the cancer marker count was 169.7. On Aug 14, 2000 he had another blood test and the CEA (cancer marker) was down to 66.1. All his symptoms have been reversed. He has no pain, he has good appetite, he has gained 11 pounds. He's still on chemo. He had a blood test on Sept 11, 2000 and the CEA level was 34. He had a scan on Sept 27, the largest tumor now measured 3cm. On October 23, his CEA was 10. On Nov 28, his CEA was 4.5.

### Stage IV testicular cancer metastasized to chest and abdomen

A young man in Thornhill, age 16, diagnosed with testicular cancer in August 1997. He had surgery. Then it spread to the chest, then it metastasized to the abdomen. He started chemo in November 1997, and was on chemo for 3 months. The tumors were malignant, the largest one measured 9 cm and kept growing. It did not respond to chemo. At the end of chemo, on Jan 31, 1998 he started to take enzymes. 6 weeks later, he had surgery. He was opened from chest to groin. Pathology report confirmed that all the tumors removed were all benign. The largest tumor was down to 5cm. Also the tumor was soft like jello. That means the tumor is "dead". Or in another word the cancer cells have been reversed from malignant to benign thanks to enzyme's antitumor anticancer effect. During the six weeks period, the cancer marker count in the blood test has gone from 100 to 69, then 32, then 14, then 5, and on the day of surgery he had 2 blood tests, the results all showed 0.0. He is now cancer free and well.

## What is the difference between enzyme therapy and conventional treatment?

The main difference is that enzyme therapy treats the underlying cause not just the symptom. Enzyme therapy treats the whole body, not just cancer. Also it is 100% natural and non toxic, so there is no side effects. Best of all it's effective and easy to use, so you can take it in your own home.

Enzyme therapy not only reverses the tumor from malignant to benign, breaks down tumor, it also eliminates cancer cells and toxins from the body, repairs the tissue, organ or bone after

the tumor has been destroyed. Also enzymes improve body functions and provides more energy. The most important thing is that when enzymes reverse the tumor from malignant to benign it reduces the pain, thus quality of life is vastly improved.

## **In brief, natural cancer therapy consists of:**

1. Build up body energy and strengthen the immune system.
2. Attack the tumor. Reverse the tumor from malignant to benign. Break down the tumor. Eliminate toxins and cancer cells.
3. Restore internal environment to a healthy state which means change the body fluids pH from acidic to slightly alkaline, from anaerobic ( oxygen deprived ) to aerobic, enhance digestion and excretion, maintain right blood fluidity and intestinal bacteria balance.

With enzymes we stimulate our own natural healing force to fight cancer while changing the abnormal conditions ( anaerobic, acidic pH ) that allow cancer to grow to the environment ( aerobic ) where normal cells thrive. Louis Pasteur said before he died: "The germ is nothing. The "terrain" is everything".

## **Here is what enzymes do in treating cancer**

### **For Liver Cancer:**

1. Attack: you will have flu like symptom and pain when enzymes attack the tumor and breaks down the shield. When the pain subsides the tumors are transformed from malignant to benign.
2. Break down and repair: you will feel a bit of pain when enzymes break down the tumor, enzymes will do repair by creating new cells.

### **For Bone Cancer:**

1. Shield removal: You will feel like needles or ants when enzymes are working on the tumor, you will experience pain when enzymes break down the shield. Then the pain should get better when the tumors are reversed from malignant to benign.
2. Tumor removal: Enzymes break down the tumor.
3. Form new bone: Once the tumor is cleaned up then new bone will be formed.

## **I am taking enzymes now how do I know it's working?**

The obvious thing is urine. When enzymes start breaking down toxins and cancer cells your urine will be yellow. You might experience some unpleasant symptoms. That means the body is expelling toxins and cancer cells.

## **How do I know enzymes is attacking the tumor?**

When enzymes attack the tumor, you will experience pain. For liver cancer your body temperature will rise. It's like fighting a flu with pain. When the organs of detoxification become overloaded with debris, one feels lousy - like you were run over by a freight train. This lousy feeling is how you will know that the Enzyme Therapy Program is working. If you do not feel lousy, one of two things is happening:

- ( 1 ) You are not taking enough pancreatin of the correct quality or quantity.
- ( 2 ) You have a very small amount of malignant tumor cells and/or masses.

We expect all cancer victims taking pancreatin to feel toxic (sore, headachy, no energy, nauseous, irritable, elevated temperature, flu-like symptoms, etc.). When this occurs it indicates one's metabolic functions are working well. At this time, we recommend that you stop taking the metabolic nutrients for 5 days to allow your organs of detoxification time to remove this debris from your body. Many cancer victims have only a small malignant tumor mass and experience only mild discomfort while other cancer victims have very large malignant tumor masses. If your physician surgically removes most of such masses, one's recovery time speeds up.

## **Can I take enzymes while I am on chemo?**

Yes. By taking enzymes, enzymes reduce the side effects of chemo by eliminating the dead cells and the chemicals from the body. Also you would recover faster from chemo. When the body is getting rid of chemicals from chemo you would sweat a lot.

Several studies conducted by European scientists show that oral enzymes taken with chemotherapy and radiation improves the response rate and reduces the side effects significantly.

## **Advanced stage cancer can be reversed**

Contrary to what people believe cancer can be reversed even at an advanced stage. So if after surgery, chemo and radiation you were given 6 months or you were told "there's nothing we can do for you" then why not give proteolytic enzymes a try.

This is **NOT** a claim that enzymes is a cure for cancer. Enzymes is part of the elements needed for the body to heal in the fight against cancer. Quite often the healing process is tedious, but possible.