

# ENZYME THERAPY

## WHAT ARE ENZYMES?

Enzymes are simply substances which are produced in the body by various glands which acts as a catalysts to bring about a specific biochemical reaction. There are many types of enzymes in the body, there are metabolic enzymes which work inside cells which convert one chemical into another, these can include proteins and fatty acid compounds. Another group of enzymes work in your digestive system and are produced in your stomach and pancreas. The pancreas produces pancreatic enzymes which help to break down your foods to their basic components, amino acids, fatty acids and glucose.

In the case of using enzymes for cancer therapy, the type of enzymes used in are pancreatic enzymes, but not in the application of digesting your foods, but in the application of stimulating the immune response to identifying and killing the cancer cells.

## WHAT IS THE HISTORY AND RATIONALE OF USING ENZYME THERAPY?

The basis of the enzyme therapy for cancer was originally discovered by a scottish embryologist, Dr. John Beard, who back in 1910 saw how cancer patients he was managing would go into remission after receiving porcine pancreatic enzymes. The theory is based upon view that cancer cells produce a hormone called Human Chorionic Gonadotrophin (HCG). This hormone coats the cancer cells and makes them impervious to the immune system and thus making it hard for the immune system to do its job to kill the cancer cells. No other type of adult cell produces HCG, and a simple urine test can determine your HCG level.

Cancer cells produce a type of glycoprotein which surrounds the cell and gives it a negative charge and protects the cancer cell from being identified by the immune system. The immune system cells, called leukocytes are also negatively charged and we know that like charges repel each other. So this makes cancer cells impermeable to the immune system.



Certain enzymes namely trypsin and chymotrypsin and amylase are able to break down the negatively charged protein coating, as a result the immune system can then recognize the cancer cell as being defective and it can do its job at breaking down the cancer cell.

A Dr. William Kelley took up the work from Dr. John Beard, back in 1960 after he was diagnosed with Pancreatic cancer. He took pancreatic enzymes and followed a raw food diet and cured himself of cancer and developed in time the Kelley enzyme protocol for treating cancer.

## **HOW EFFECTIVE IS ENZYME THERAPY IN SUPPORTING CANCER PATIENTS?**

The late Dr. Nick Gonzalez and Dr. Pamela McDougale have taken on the mantle and continued the work of Dr. Kelley from the 1960s. Dr. Gonzalez took it upon himself to document cases of cancer patients who healed themselves of cancer using the Kelley protocol. He published a book 'One Man Alone' documenting over 50 cases of many different types of cancer being cured of their disease using this protocol. Dr. Gonzalez goes into detail of the diagnosis, the treatments the patients use and the recovery they experienced. To this day Dr. Gonzalez's practice in NY, USA continues to use the Enzyme protocol developed by Dr. Kelley and Dr. Beard.

## **IS ENZYME THERAPY SAFE?**

Yes, the enzyme therapy is safe, its been used by thousands of patients in the past, however careful adherence to the protocol guidelines is essential to ensure herxheimer reactions (detoxification) are not experienced. If one takes too many enzymes in one go, temporary detox reactions can be experienced, which include nausea, bloating, low energy, brain fog and excessive flatulence. It is best advised to work with a functional medicine practitioner/ Doctor to ensure proper administration of the protocol which normally takes 6-12 months for seeing good results.

## **WHAT IS THE BEST REGIME TO OPTIMIZE THE USE OF ENZYME THERAPY?**

Enzyme therapy using the Kelley enzyme approach is best administered when combined with the Kelley Anti-cancer diet, detoxification measures including coffee enemas and infra-red saunas. Also combining with a customized supplement protocol to replenish deficiencies and imbalances in the body helps to boost the immune system and strengthen the metabolism. Ozone therapy is synergistic with the Enzyme protocol as it strengthens the immune system.

Enzyme therapy is essentially a lifestyle based treatment program which encourages many lifestyle changes which done concurrently improves patients' wellbeing and prognosis for beating cancer.