## **EFFICACY OF DMSO AND LAETRILE IN TREATING CANCER PATIENTS**

## By Dr. Michael John Badanek, BS, DC, CNS, CTTP, DACBN, DCBCN, MSGR./CHEV

DMSO HAS BEEN USED IN COMBINATION WITH LAETRILE IN THE TREATMENT OF CANCER SINCE THE 1970'S. It has been used in a wide variety of ways, including intravenous injections both by the slow drip method and by a push. It has also been administered by intramuscular injections and applied topically directly to the cancer. After the initial treatment, the patient frequently takes laetrile tablets and DMSO by mouth.

The DMSO laetrile combination by the intravenous slow drip method was first officially used by Elmer Thomassen MD in Newport Beach, California in 1977. An artist from New York who had over 30 melanoma tumors on widely scattered parts of his body was flown to California for treatment. This patient was placed on a continuous slow drip using DMSO, laetrile, and vitamin C. In additional DMSO and laetrile were applied topically to his largest tumors.

This patient had an especially large tumor on his shoulder, which is where his cancer originally started. The original cancer had been surgically removed but grew back as other cancer tumors appeared on other parts of his body. This large tumor shrank by nearly 50 percent prior to the death of the patient.

Even though this first patient did not live, the treatment was considered successful. He was in very serious condition and was considered to be terminal with only a few days to live when the DMSO-laetrile treatment was started. He had a major reduction in pain and his condition seemed to improve. The doctor that admitted this patient to the hospital where he died originally had no real hope for the patient, but after one week of treatment, he thought the patient might recover.

The second patient officially treated with the DMSO-laetrile intravenous combination was a lady who was near death with cancer of the tongue along with a staphylococcus infection. She was moved from a hospital to the home of her brother, a medical doctor in Pasadena, California.

This lady was unable to take anything by mouth. DMSO, laetrile, and vitamin C were put in her intravenous solution as soon as she was removed from the hospital. At this time the doctor when told that the treatment should help his sister said "We will know in a couple of days. If she is still alive after two or three days, it will mean that the treatment is successful."

Three days later this lady was eating soft foods. Three months later she was leading a normal life and had gained over 20 pounds. She was concerned

about her looks and the fact that she was too thin. She remembered nothing about leaving the hospital or what had happened during her worst days. However, by this time this lady was well on her way to complete recover.

The patient's doctor later said that when the treatment first started he did not think there was any possibility that she would live for one week. He went along with the experiment only because his sister was terminal and he wanted to do everything possible to save her life. He said that it was the most dramatic recovery he had seen in over 30 years of practicing medicine.

This patient continued to use DMSO along with laetrile tablets for several years after her recovery to reduce the chance of the cancer returning. At last contact nearly 10 years after starting treatment this lady was alive and in good health.

Inoperable brain cancer is usually fatal within a short time. In 1979, following brain surgery, a 19 year old lady was told that part of her tumor could not be removed. The surgery was expected to reduce seizures and possibly give additional months of life. However, the surgeon gave no hope for long term survival and said death would probably occur in less than six months.

The family of this young woman decided to have her treated with DMSO and laetrile at the Degenerative Disease Medical Center in Las Vegas, Nevada. DMSO was administered at the rate of one gram per kilogram of body weight (about two ounces) along with six grams of laetrile and 25 grams of vitamin C over a four hour period each day. Treatment was continued for three weeks.

Following the formal treatment at the medical center the patient continued on oral DMSO, laetrile tablets, and vitamins. She was also placed on a healthy diet that emphasized natural and raw foods. Over 20 years later, this patient was alive and enjoying relatively good health. Since no brain scan was performed since the original surgery, no one knows what happened to the tumor.

A more recent example of a patient who was treated with the DMSO and laetrile by the slow drip method was a 56 year old man in Los Angeles. He was suffering from prostate cancer. However, he said that the prostate cancer did not concern him that much. His main concern was radiation cystitis which was caused by radiation given to treat his cancer. A surgeon who was treating the patient also said the cystitis was the most immediate problem as the man was bleeding heavily and had recently had several transfusions.

Even though the radiation cystitis was top priority, it was possible to treat both the cystitis and cancer at the same time. This patient received 3 ounces of DMSO along with 25 grams of vitamin C and six grams of laetrile by an intravenous slow drip five days a week for five weeks. He also drank one teaspoonful of DMSO in two ounces of aloe vera juice the same five days a week. On Saturday and Sunday he drank the aloe vera juice and DMSO twice a day.

There was greatly reduced bleeding after three days of treatment. Two weeks later the bleeding completely stopped. At this time the patient said felt better and stronger than he had felt in months. Three years later this man says he is now feeling the best he has ever felt. He still drinks the DMSO in aloe vera juice every day and says that he intends to stay on this program for the rest of his life.

Many doctors in the United States, Mexico, and other countries have reported success using laetrile and DMSO to treat patients with brain, liver, pancreas, and other cancers that were considered terminal. These doctors explain that the treatment is normally more effective than chemotherapy or radiation. It also has few or no adverse side effects.

Opponents of laetrile which is also called amygdalin or vitamin B-17, make much of the fact that it contains cyanide which is poisonous. They ignore the fact that many substances that are deadly in sufficient amounts are required by the body. They also ignore the fact that all chemotherapy drugs are toxic and can kill the patient as well as cancer cells. The hope with chemotherapy is that it will kill the cancer before it kills the patient. As pointed out in the previous chapter, the use of DMSO makes the chemotherapy more toxic to the cancer cells and helps protect the normal cells.

How does laetrile work, and why are toxic substances released only at the cancer site? When the laetrile is carried through the body, it is necessary to have a substance to activate the poison. The substance is an enzyme called beta glucuronidase. This enzyme is not found to any dangerous degree anywhere in the body except at the cancer cell where it is always present in great quantities. The result is the laetrile is activated at the cancer cell and nowhere else. The action between the laetrile and beta glucuronidase causes the release of hydrocyanic acid and benzaldehyde, both of which are poisonous by themselves. However, the combination is many times more deadly than either one working by itself.

Normal cells produce another enzyme called rhodanese which cancer cells are unable to produce. Rhodanese neutralizes cyanide and converts it instantly into byproducts that are beneficial to the body. This enzyme is found in every part of the body except the cancer cell.

Beta glucuronidase is found in various concentrations throughout the body, especially in the spleen and liver. However, these organs contain an even greater concentration of rhodanese. Healthy tissue is protected by this excess of rhodanese. The cancer cell which has the greater concentration of beta glucuronidase and is totally lacking in rhodanese is thereby completely defenseless against cyanide.

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