

ANOTHER NATURAL MEANS OF CANCER THERAPY

Intravenous Vitamin C

By: Rose DiLeva VMD, MS, CVCP, CVA

Ascorbic acid is a strong water-soluble vitamin that is involved in the body's utilization of collagen, bones, blood vessels, muscle and the absorption of important trace minerals. Over the decades hundreds of papers have been published about the positive affects of Vitamin C (ascorbic acid). Studies have shown that very high levels of ascorbic acid can be obtained in the body via intravenous administration. Vitamin C, when taken by mouth at mega doses can cause severe gastrointestinal sides effects such as diarrhea and vomiting. Additional studies have shown that higher levels can be achieved by the intravenous route without the side effects that occur by the oral route.

In the early 1990's I started to investigate yet another potential treatment that could have positive effects in the health and well being of animals that are diagnosed with cancer. I came to the conclusion that Linus Pauling was absolutely correct in many of his observations and studies of Vitamin C and its positive effects on the body. The main problem lay in the fact that at levels approximately above 2,000-3,000 mg. (milligrams) daily, taken orally, one could get serious gastrointestinal problems. Vomiting, stomach and intestinal ulceration and diarrhea were very common and increased in severity and frequency as the oral daily dosage increased.

Vitamin C is one of the greatest antioxidants known on this planet and is readily available to us and our pets. It is usually in a powder form and is pretty palatable from clients' experience through the years.

The data proves that at high intravenous doses, Vitamin C is TOXIC to cancer cells! There are studies that have gone on and continue to go on at the University level that are determining what the specific levels need to be in the bloodstream to actually be toxic and destroy the abnormal cancer cells. Work out of London showed that The Vitamin C acts as a pro-oxidant and destroys cancer cells membranes and produces hydrogen peroxide. The cancer cells are more vulnerable because of a significant less amount of an enzyme that allows the ascorbic acid to destroy the cancer cell.

Intravenous Vitamin C is on the current list of "Stage IV" treatments for cancer. Stage IV being those cases in which time and severity were of issue. The advanced cancer patient does not have time to build up its immunity. Stage IV patients have to be paced so as not to kill off too many cancer cells at once since the body must detoxify this all out of it. Approximately 60% of the cases I see fall into this category. Stage III patients are able to build up immunity and slowly kill the cancer cells.

A case in point is Sam, a 12 year old male Labrador diagnosed with liver cancer, given a grave prognosis and 2 or 3 months to live at best. He was started on intravenous Vitamin C infusions, Chinese herbs and Acupuncture treatments, mostly geared to maximize his immune system. As treatment progressed Sam's elevated liver enzyme values returned to normal and stayed that way for the next four years. The most important aspect of this kind of treatment is that there are essentially no negative side effects. The pet has a quality of life with minimal changes in their life style.

Cleo was a 12 year old female domestic short-haired cat. She came in with a cranial abdominal mass the size of a golfball. She was given two weeks, maybe three, but she had stopped eating and was vomiting. Intravenous Vitamin C was part of an overall

holistic approach to her case. Not only did her appetite come back, but she gained some weight, stopped vomiting and the mass never changed size. Cleo succumbed to a heart disease at the age of 17.

Presently, I have lung cancer, bone cancer, skin cancer, squamous cell carcinoma, pancreatic cancer, hemangiosarcoma (blood based cancer), fibrosarcoma, liver cancer, lymphoma and lymphosarcoma types of cancer being treated. I recommend going to google.com and type in "intravenous vitamin C" and you will be amazed at what you find! Recently, a physician from California called me from a large holistic practice. He has been doing this treatment in humans for the past thirty-five years. His successes are vast. Personally, I do not understand how such a fantastic treatment option was not on the front page of Time magazine or Primetime TV.

I can only give you what I have investigated and experienced clinically in my patients. My feeling is that there is, in fact enough supportive evidence and controlled clinical trials in the literature to warrant further investigation of the use of high doses of Ascorbic Acid given intravenously to augment cancer therapy in companion animals.