



Animal Clinic of Michigan City

Neoplasene – The Cancer Alternative

Cancer is among the leading causes of death in our pet population. From lymphoma and melanoma to mast cell tumors, once cancer is discovered our treatment options are limited. Traditionally we have relied upon chemotherapy and radiation therapy to help send the cancer into remission. Much to our dismay, this treatment, at best, only gives us an additional 6-18 months of life, and often the quality of life is diminished.

Thankfully, we do have alternatives that are often forgotten or neglected in traditional veterinary medicine. The use of Neoplasene (an extract from Bloodroot) is that alternative. The alkaloids extracted from Bloodroot target the cells considered cancerous and destroy them. Unlike traditional cancer therapies, healthy tissues are spared. By employing Neoplasene, the cancer can be eliminated or at least sent into remission without destroying our friend's quality of life.

The history of bloodroot is fascinating. Long before Columbus, the Native Americans were using the plant *Sanguinaria canadensis* (bloodroot or puccoon) to treat rapidly growing tissues like cancers, warts, and proud flesh. They were also using it for its antibacterial and antifungal properties. Interestingly enough, until the early twentieth century, the plant *Sanguinaria canadensis* was included in medical and veterinary texts alike for the treatment of cancerous growths. Then, with the advent of pharmaceutical companies, the information and recommendations were "lost" to the general medical and veterinary field.

What is neoplasm (cancer)? Medically, cancer is an imbalance of normal growth and death of cells. The cancerous cells are growing and dividing faster than they are naturally being removed by the body because the gene that allows for normal cell death is absent or compromised. The extracts in the Neoplasene (Isoquinoline alkaloids) target and destroy neoplastic (cancerous) cells preferentially. The extracts leave healthy tissue alone. Interestingly, if there are "fingers" of cancer or other cancers elsewhere in the body, the extracts also find and destroy those cells as well.

What's this all mean? We have the availability to help our cancer patients naturally without altering their quality of life.