

PetLife Herbal Formula usage in successful treatment of SCC in an equine- a case study

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Introduction

The purpose of this case report is to summarize and report the use of the PetLife Herbal Formula and its effectiveness in treating squamous cell carcinoma (SCC) in the horse. The formula has shown promise and effectiveness in treating cancer in small animals over the last few years. PetLife Herbal Formula is a liquid herbal product made of a combination of herbal extracts and phytochemical compounds in a liposomal delivery system. The compounds listed in the product are; Chrysin, Coriolus versicolor, 3,3'-Diindolylmethane, Resveratrol, Turmeric Extract, Green Tea Extract, Quercetin, and L-Selenium Methioine.

One of the common skin cancers of horses is squamous cell carcinoma (SCC) and is usually a locally aggressive, metastatic cancer. Appaloosas, color-dilute breeds, and draft breeds seem to be particularly susceptible to development of this tumor. A horse with an early squamous cell carcinoma shows reddening, roughening, or ulceration of the skin. Often these lesions are described as and appear as a "non-healing scab". Previous treatments for SCC have involved surgical removal of the tumor, freezing or heating of the tumor, radiation of the tumor, or removal by laser. Despite the type of treatment used, there is a potential for recurrence of the tumor, and additional treatments may be required. All of these noted treatments are invasive to the flesh and cause discomfort to the horse. The PetLife Herbal Formula is a liquid given orally with the feed and requires no invasive procedures.

Case Presentation

The patient is a 26-year-old gray roan Appaloosa gelding with a history of chronic sun exposure was examined for multiple lesions of the left nose, right nostril and sheath. The facial lesions were surrounded by thick, roughened and scaly epidermis, which covered most of the face and nostrils. The lesions were characterized as red, elevated and nodular, with crusted and/or bloody margins.

The patient was treated at a rate of 1 ounce TID mixed with the grain for a period of 21 days. All lesions showed regression in size and redness within 10 days and the lesions were completely gone in 21 days. The lesions have not returned after 3-6-12 and 18 month follow-up.

Discussion

Each compound in PetLife was carefully selected for the synergetic and harmonizing effects on the whole formula. The formula will increase the immune response of the horse and many of the compounds inhibit tumor angio-genesis as well as inhibit invasion & metastasis of tumor cells. Synergism is necessary for successful anticancer therapy both in chemotherapy as well as in natural therapy, because it increases the effectiveness of the therapy with lower dosage of drugs or compounds. Many natural compounds need synergism with other compounds to be effective against cancer. The efficacy of a liposomal deliver system of chemotherapy agents has shown a higher cellular uptake and a prolong circulation of the agents. PetLife Herbal Formula utilizes a liposomal delivery system to maximize the actions of each of the compounds in the formula.

Conclusion

The use of PetLife Herbal Formula has shown effectiveness on treating squamous cell carcinoma without recurrence. This form of therapy is much safer and is less invasive than traditional methods commonly used for treatment of SCC. The use of natural compounds for the treatment of cancer is growing throughout the world. Most of these compounds have low toxicity and benefits the whole patient while treating the cancer.