

## ABSTRACT

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### Use of *Viscum album* 5 LM as an adjuvant in treating a dog with cutaneous mastocytoma: a case report

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Neoplasia is a leading cause of mortality in dogs and cats due to its high incidence. Consequently, the development of new and more effective therapeutic protocols is essential [1,2]. Previous studies conducted by our group using homeopathic preparations of *Viscum album* (Va) at 5LM potency have demonstrated a reduction in inflammatory markers and an improvement in quality of life in both in vitro and in vivo murine melanoma models [3,4]. However, clinical studies are necessary to validate these effects. In this case report, a 7-year-old male American Bully dog was treated at a veterinary clinic. His owner reported a cutaneous nodule on his right pelvic limb, measuring approximately 3.5 cm. Surgical excision of the tumor was performed, and histopathology analysis confirmed a low-grade, grade II mastocytoma. Unfortunately, neoplastic infiltration of the surgical margins was detected, suggesting a high risk of recurrence. To mitigate this risk, homeopathic Va 5LM was administered orally twice daily. The patient has been undergoing treatment for six months, with monthly follow-ups showing no signs of recurrence or new neoplastic foci. While additional analyses using the Modified Naranjo Criteria for Homeopathy (MONARCH) are ongoing to assess treatment efficacy, these preliminary findings suggest that Va 5LM may contribute to modulating neoplastic growth and preventing mastocytoma recurrence in dogs. To our knowledge, this is the first documented case of Va 5LM being used in the treatment of mastocytoma. Further research is warranted to validate its clinical effects as an adjuvant therapy for malignant skin tumors in dogs.

**Keywords:** malignant skin tumors, American bully, homeopathic medicine, oral treatment

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