

Mixed Apocrine Carcinoma in a Heifer Treated with Homeopathic Viscum Album

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Introduction

Mixed apocrine adenocarcinoma is an uncommon intertegumentary neoplasm in humans and domestic animals. Adult animals are more predisposed to the development of this neoplasm, with no sex or breed predisposition established to date [1-3]. In a study carried out on 544 animals in slaughter houses, 65 of them were neoplasms, 28% of all neoplasms were lymphoma, the majority resulting from the enzootic bovine leukosis complex. Squamous cell carcinoma was the second most common tumor (15% of all) and the least frequently encountered tumors (1.5 and 3% each) included mixed apocrine adenocarcinoma [1]. Generally, production cattle are not treated, as most of them are sent to the slaughterhouse without being able to receive therapy or it is during the slaughter process that the existing lesion is detected. Homeopathic Viscum album (V.a) is administered to patients with various neoplasms in humans and animals and its cytotoxic action is known [4,5]. In recent years, the use of homeopathic Viscum album "in vitro" [5,6]. The therapeutic methodology according to the Law of Similar described in Homeopathy was through the combination of ultra-diluted V.a in combined potencies [7]. Ultra-diluted Viscum album (Figure 1) has been used for over 100 years worldwide, highlight it as a therapy in integrative oncology especially in animals with different types of severe neoplasms [6]. Viscum species are used as feed in many semiarid and arid regions of the world, particularly during periods of feed scarcity. The species' nutritional value and pharmaceutical properties are recognized worldwide, although nutritional value varies from host to host [8]. A considerable percentage of patients undergoing conventional cancer treatment also use complementary therapies [9]. The objective of this report was to demonstrate an antineoplastic

therapeutic option in cattle, since the cattle raised on this farm are not intended for slaughter.

Material and Methods

Animal belongs to the Lila's farm in Campos do Jordão-SP, Brazil, ask in mass in the shoulder region of an eight months old heifer was punctured after unsuccessful treatment with the conventional model, antibiotics and corticosteroids. Fine needle aspiration cytology (CAAF) in Figure 2 concluded that it was Mixed Apocrine Carcinoma. The mass grew suddenly and then V.a homeopathic therapy by Injectcenter®- Brazil (Figure1) was administered three times a week intramuscular close to the lesion with potencies D3, D6 and D9 close to the mass for eleven months.



Figure 1: Viscum album ampoules

Results

The results demonstrated by photos (Image1,2,3,4 and 5), emerged after fifty days of treatment with compaction and mass reduction, culminating in remission after eleven months of

therapy. The result of the cytological examination is shown in the Figure 2.



Figure 2: Cytological Aspirative



Image 1: Day 1 of treatment



Image 2: Day 50th of treatment



Image 3: Six months of treatment



Image 4: Eleven months of treatment



Image 5: in 2025 after twelve years from the end of Viscum therapy

Discussion

Tumors in cattle are detected after death or in slaughter houses, as many do not remain alive to manifest clinical symptoms and be treated [1]. According to Lopes et al. (2006), the cytotoxic effect of V.a in vitro demonstrated that the most effective dynamizations in human colon rectal adenocarcinoma were D3 and D9 [5]. The dynamizations Viscum D3 and D30, in addition to being cytotoxic, have an immunostimulant effect, especially in Ehrlich tumors [6]. Tumors in cattle are detected after death or in slaughterhouses, as many do not remain alive to manifest clinical symptoms and be treated [1]. Viscum album was used in the integrative treatment of apocrine adenocarcinoma with metastasis in dogs, where an evaluated clinical response suggested an improvement in clinical symptoms and quality of life [10].

Conclusions

This report allowed us to conclude, after eleven months of treatment, that the clinical evolution of homeopathic V.a. in the D3, D6, and D9 dynamizations promoted complete remission of the Mixed Apocrine Carcinoma, preventing metastases. The patient is currently (2025) in her fourth pregnancy and has achieved longevity without recurrence of the neoplasm. The in vitro articles that reported the antineoplastic action of homeopathic dynamizations of Viscum album contributed to the protocol used in this patient. Further research should be conducted on therapeutic proposals for production animals not intended for slaughter [11].

Acknowledgments

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