



KEY WORDS

- ✓ Propolis
- ✓ TVT
- ✓ Blood Parameters
- ✓ Liver Enzymes
- ✓ Vincristine Sulphate

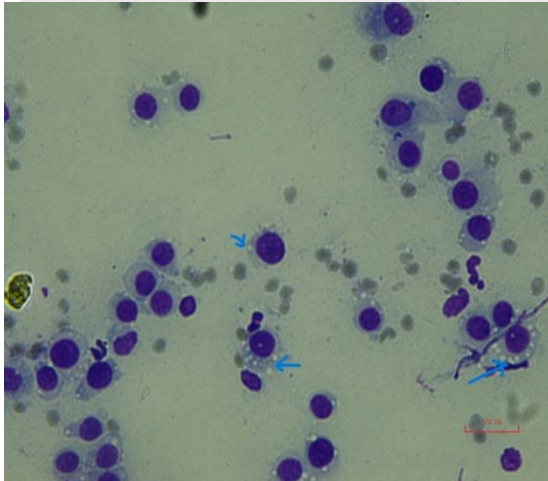
CONTACT

E-MAIL:
aysinusta@uludag.edu.tr

THESIS SUPERVISOR

TELEPHONE:
0224 2941322

E-MAIL:
oruc@uludag.edu.tr



EFFECTS OF PROPOLIS ADDED CHEMOTHERAPY PROTOCHOL IN CANINE TRANSMISSIBLE VENEREAL TUMOR

Hikmet Aysin USTA

0000-0002-6075-5814

BURSA ULUDAG UNIVERSITY
GRADUATE SCHOOL OF HEALTH SCIENCES
VETERINARY PHARMACOLOGY AND TOXICOLOGY DEPARTMENT
PHD PROGRAM

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SUPERVISORS

PROF. DR. Hasan Hüseyin ORUÇ
0000-0002-5399-2395
BURSA ULUDAG UNIVERSITY
GRADUATE SCHOOL OF HEALTH SCIENCES
VETERINARY PHARMACOLOGY AND
TOXICOLOGY DEPARTMENT
BURSA – TÜRKİYE

PROF. DR. Deniz NAK
0000-0001-8908-5052
BURSA ULUDAG UNIVERSITY
GRADUATE SCHOOL OF HEALTH SCIENCES
VETERINARY OBSTETRICS AND GYNECOLOGY DEPARTMENT
BURSA – TÜRKİYE



THESIS ABSTRACT

This study aimed to investigate the effects of administering propolis via different routes on the recovery time, certain liver enzyme levels, and blood parameters in dogs with TVT undergoing standard medical treatment with vincristine sulfate. Although no statistical significance was found, all groups treated with propolis showed shorter recovery times. Neutrophilia, neutropenia, leukocytosis, and leukopenia were observed in some treated dogs. The levels of liver enzymes in all groups were within the reference range, indicating that vincristine sulfate did not cause hepatotoxicity.

APPLICATION AREAS OF THE THESIS RESULTS

It was found that local application is more practical and more effective compared to oral administration. Additionally, it was observed that the healing time is even shorter in male animals. It is believed that high-quality propolis, olive oil, and glycerin tincture may be more suitable for local application. Further comprehensive research is needed on the antitumor effects of propolis in dogs.

ACADEMIC ACTIVITIES

1. Usta, H. A., Oruç, H. H., Kızılgün, O., Uzabacı, E., & Özyiğit, M. Ö. (2024). Effect of Propolis in Dogs with Transmissible Venereal Tumor Treated Vincristine Sulphate: Experimental Study. *Geleneksel ve Tamamlayıcı Tıp Dergisi*, 7(2), 1-10.
2. II International Apitherapy and Nature Congress (IANCO24), 8-10 Mayıs 2024, Trabzon, Türkiye. Is Propolis Effective in the Treatment of Transmissible Venereal Tumor in Dogs?
3. Usta, H. A., Güvenç, G., Şavcı, V., & Yalçın, M. (2019). The effect of centrally and peripherally injected CDP-choline on plasma nesfatin-1 level in rats. *Ankara Üniversitesi Veteriner Fakültesi Dergisi*, 66, 297-302.