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Name of scholar with admission Number : Dr. Neeraj Gupta (V-1997-30-05)
Degree Awarded : M.V.Sc
Year of Award : 1999
Name of Major Advisor : Dr B.Prasad
Title of Thesis : Clinical and therapeutic Studies on Canine Dermatosis

Abstract

In this project, 79 clinical cases of canine dermatosis were investigated. Clinical observations, microbiological studies, haematobiochemical, histopathological and therapeutic studies were carried out. Of these, 25 cases were of bacterial dermatosis, 15 of insect bite, 14 of demodecosis, 13 of fungal dermatosis, 8 of sarcoptic mange and 4 cases were undiagnosed.

*Staphylococcus intermedius* was prime bacterial pathogen and *Microsporum canis* was prime fungal pathogen. Amoxycillin- clavulanic acid combination and cephotaxime were found to be the best drugs against bacterial dermatosis. Doramectin was found most efficacious against demodectic mange and sarcoptic mange