

An Update on Therapeutic Management of Canine Demodicosis

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Abstract

Canine demodicosis is a common noncontagious parasitic dermatosis caused by different spp of Demodex mites including *Demodex canis*, *Demodex injai* and *D. cornei*. Generalized demodicosis can be one of the most frustrating skin diseases, one will ever treat. Conventional and newer miticidal therapies are available to veterinarian to treat this frustrating skin disease. All recognized Demodex mites in dogs appear to respond similarly to mite targeted therapy. Treatment for canine demodicosis includes amitraz, ivermectin, milbemycin oxime, moxidectin, and doramectin. The use of any glucocorticoid-containing products is contraindicated and could favour disease generalization. Conventional treatments will often appear to work however, but it relies heavily on a highly toxic method of treatment. Using natural remedies for mange, on the other hand, can enhance the dog's immune system, so that the body can fight off the mange mite infection by itself.

Keywords: Canine, Demodicosis, External Parasite, Mite, Immune system.