

Fluralaner for Treating Canine Scabies

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In the Literature

Romero C, Heredia R, Pineda J, et al. Efficacy of fluralaner in 17 dogs with sarcoptic mange. *Vet Dermatol*. 2016;27(5):353-e88.

FROM THE PAGE ...

Sarcoptes scabiei (scabies) is a contagious and zoonotic mite infestation that affects a wide range of hosts, including dogs.

This clinical trial evaluated the efficacy of a single dose of oral fluralaner (25 mg/kg) for treating scabies in 17 dogs with positive skin scrapings for *Sarcoptes scabiei*. By 7 days posttreatment, 10/17 dogs were negative on skin scraping; all dogs were negative by 14 days posttreatment. Lesions and pruritus resolved by day 28 of the study. No adverse events were reported.

Fluralaner is an isoxazoline, a new class of antiparasitic agent that inhibits γ -aminobutyric acid (GABA) chloride channels and L-glutamate chloride channels.¹ Fluralaner, sarolaner, and afoxolaner are flea-control products that have also been found highly effective against scabies in dogs clinically.²⁻⁴ Orally or topically administered fluralaner is effective against scabies. Neither water immersion nor shampooing lessened the 12-week efficacy of topical fluralaner formulation for fleas.⁵



Dog with scabies

... TO YOUR PATIENTS

Key pearls to put into practice:

- 1** Fluralaner either as a topical or oral formulation is effective against fleas and ticks; the topical formulation is effective even if the dog becomes wet or is bathed.
- 2** Fluralaner, when used as directed on the label for fleas and ticks, is an effective treatment for canine scabies. The rapid mite kill will help limit transmission of the disease.
- 3** Fluralaner flea and tick preventive is a good option for dogs at high risk for exposure to scabies mites and/or to prevent reinfestation.

References

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