

Bio-Life International Ltd

MANGE & RINGWORM

Mange is caused by mites whereas ringworm is caused by a fungus. Correct diagnosis of the condition is essential for effective treatment.

Demodectic Mange: Mites that invade hair follicles & sebaceous glands that can be detected by skin scraping & microscopic examination

Sarcoptic mange: Mites that burrow right down into the skin and are not detected even by skin scraping. They are frequently discovered only when the dog has been treated for atopic dermatitis with cortisone and there has been deterioration and not an improvement. Stronghold kills sarcoptic mange over a 2 month period of use i.e. 2 treatments so may be one way to rule out.

Microsporum canis: Ringworm - a fungus that often comes from other dogs, foxes or contact with old wood especially in or from farmyards.

Demodectic mange

Age of dog: Tends to occur in dogs of 2 or less that have had nutritional or other stress in early life. May be seen in older rescue dogs for similar reasons.

The Symptoms:

- **Mild itching only**
- **Mottled, patchy hair loss (Alopecia in circular platelets)**



Frequency of appearance: Year round

Breed specific: No – can affect all dogs subjected to stress

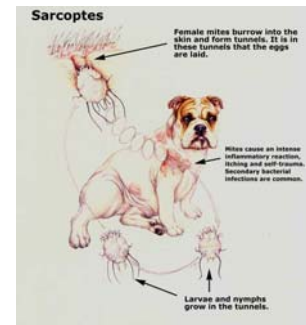
Recommendation: Refer to Veterinary Surgeon

B. Sarcoptic mange

Age or breed of dog: No – highly contagious affecting all ages, breeds and sexes

The Symptoms:

- Intense itching, all over (Pruritis)
- Skin reddening (Erythema)
- Crusting
- Hair loss (in this case, Papulae alopecia – from the roots)
- Inflamed scabs from scratching & self-mutilation (Pyodermatitis)



Responds to: Stronghold

Does not respond to: Steroids in fact it gets worse!

Recommendation: Refer to the Veterinary Surgeon

Micrococcus canis or Ringworm

Age or breed of dog: No preferences – contagious i.e. can be transmitted to other dogs in the case of mange: to people and dogs in the case of ringworm.

The Symptoms:

- Little or no itching
- Hair loss (Alopecia but in specific circular pattern)
- May have secondary bacterial &/or yeast infections
- Reddening of the skin (Erythema in circular pattern)



Recommendation: Although the fungicidal ingredients in MediCleanse™ can actually be effective against Micrococcus canis, we recommend you consult your Veterinary Surgeon because Ringworm can be confused with Demodectic Mange.