



# Bio-Life International Ltd

## Atopic Dermatitis or Eczema

### Common Causes:

- Fleas
- Foods
- Dustmite
- Pollen
- Chemicals in the environment or in toiletries

### Atopic dermatitis caused by Fleas

Allergies from fleas are caused by a reaction to the flea's saliva that causes a histamine reaction in the skin. Simplest way to check – place dog on white paper and brush --- any white and black grains that are revealed are usually flea eggs and faeces. The symptoms are localised principally on the rear half.

**Age or breed of dog:** Any if not routinely protected against infestation.

### Symptoms:

- Itchy skin – rump, under the legs, base of tail, groin or tummy (pruritis)
- Crusty lesions, Hot spots (Moist eczema)
- Hair loss (Alopecia)
- Dry skin patches

### Recommendation:

- A flea control programme for life! If they opt for collars and sprays rather than systemic spot on e.g. Frontline or Stronghold then once infestation is cleared, owners can use Bio-Life MediCleanse Pure Essence spray to prevent re-infestation. Apply one spray to the back of the neck, base of tail and tummy once daily. Leleshwa is a natural tick & flea repellent. A garlic supplement is also recommended as a natural flea deterrent.

### Atopic dermatitis caused by Food Allergy or Food Intolerance

**Age of dog at first appearance:** As early as 5 months and as late as 12 years but the majority are between 2 years & 6 years

**Sex or breed influence:** None according to the scientific literature – all breeds, male, female or neutered are equally susceptible to poor diet

### Symptoms:



- **Itchy skin, non-localised (pruritis)**
- **Recurrent ear infections (Otitis caused by Malessezia – yeast)**
- **Hotspots (Moist eczema)**
- **Secondary infections & inflammation**

Some dogs have increased incidence of bowel movements ( 3 or more per day) but this along with vomiting is more likely to be food intolerance rather than food allergy. Either way, a change of diet is required as well as immediate relief from the symptoms.

### Recommendation:

- **Naturediet preferably based on novel protein i.e. a meat source other than the one they have used regularly in the past for the first 6 weeks of treatment.**
- **Thereafter, they can use whole selection of Naturediet range. Provide kelp and garlic supplement.**
- **No treats other than a dental chew or a bone.**
- **Bio-Life MediCleanse Shampoo & conditioner once per week for the first 3 weeks and then once per month.**
- **MediCleanse Pure Essence Spray twice per day until clear**
- **MediCleanse Paw & Patch Moisturiser during the recovery period.**
- **Use Veterinary recommended ear spray to clear ear infection.**

### Atopic dermatitis caused by Dustmite, Chemical & Environmental

**Age of dog at first appearance:** Normally 1 to 3 years but may emerge in older dogs if they have been ill and treated with immuno-suppressant drugs.

### **Breeds genetically pre-disposed to these conditions:**

Boston Terrier	Irish Setter
Boxer	Labrador retriever
Cairn Terrier	Lhasa apso
Cavalier King Charles Spaniel	Miniature Poodle
Chinese Shar-pei	Miniature Schnauzer
Dalmation	Scottish Terrier
English Setter	West Highland Terrier
Golden retriever	Wire-haired Fox Terrier

Studies reveal that if the dam and sire suffer from pruritis, 60% of their offspring will too.

**Symptoms tend to be sequential:**



- **Itchy skin (pruritis) – face, paws, lower legs, groin, ears, eyes & tummy**
- **Lesions caused by itching & scratching**
- **Greasy coat (Sebhorroea)**
- **Secondary bacterial & fungal infections**
- **Skin reddening (Erythema)**
- **Skin thickening (Pyorrhoea)**
- **Hair loss (Alopecia, Follicular dysplasia)**

**Frequency of occurrence:** Year round

**Respond to:** Antihistamines or steroids but the symptoms recur as soon as treatment is discontinued indicating that food is a predisposing factor and not the causal factor in this instance.

**Recommendation:**

- Use Bio-Life HomeCleanse™ on pet bedding & any furnishings that the dog sits on once per month every month to denature dustmite & dustmite residues
- Wash pet bedding in Bio-Life FabriCleanse™ once per month
- Clean carpets with Bio-Life FabriCleanse™ in a standard carpet cleaning solution once every 3 months
- MediCleanse Shampoo & Conditioner once per week for 3 weeks and monthly thereafter.
- Treat early stage moist lesions twice daily with MediCleanse Pure Essence spray. In advanced cases with Pyorrhoea, use the MediCleanse Paw & Patch Gel.
- Moisturise with Paw & Patch Moisturiser during the recovery period.