

CBD and Dermatitis in Dogs

Studies are summarised below.

There are a few studies looking at CBD use in the treatment of atopic dermatitis in dogs, and results are positive. Studies are summarized below:

Mogi et al. 2022 [1]

Design: Retrospective case series

Sample:

8 dogs with canine atopic dermatitis (CAD) were diagnosed by veterinary dermatologists certified by the Japanese Society of Veterinary Dermatology

Method:

The medical records of dogs supplemented with CBD were evaluated re signalment, physical examination, plasma C-reactive protein concentrations, pharmacologic management, the CAD Extent and Severity Index and the Pruritus Visual Analog Scale.

Findings:

- CBD used as a supplement in combination with other drugs, was well-tolerated over a wide dose range and decreased the occurrence of pruritus in dogs with CAD when ingested twice a day.
- the use of CBD in combination with current CAD treatments suggested the possibility of reducing the dose of concomitant medications while increasing their efficacy.

Loewinger et al. 2022 [2]

Design: Prospective, randomised, double-blinded, placebo-controlled study

Sample:

32 privately owned dogs with canine atopic dermatitis (cAD)

Method:

- Treatment dogs – received 2 mg/kg of an equal mix of CBD/CBDA
- Control – received a placebo
- Dosed twice daily with food for 28 days

Findings:

- Over 65% of the dogs participating in the study had a substantial improvement in skin itchiness
- There was no significant difference in groups in terms of Dermatitis Extent and Severity Index.
- Elevated ALP was observed in 4/17 treatment dogs.

Mogi et al. 2022 [3]

Design: Randomized complete block design

Sample:

24 dogs of various mixed breeds, research animals

Method:

Treatments targeted at 0 and 2.5mg (LOW) and at 5.0mg (HIGH) CBD/kg BW per day split between two treats administered after twice-daily exercise

Findings:

- CBD tended ($P = 0.071$) to reduce total daily scratching compared with the control.
- CBD reduced scratching compared with control ($P = 0.030$).