dMEGA3
Highly purified Omega 3 from fish oil

The Evidence Based Veterinary Medicine (EBVM) approach to Atopic Dermatitis and related consequences
The diagnosis of canine AD relies primarily on the patient’s signalment, clinical signs and disease history, and not on a laboratory test."8

List of criteria recently recommended as an aid for diagnosing AD in dogs:
1. Onset on signs under 3 years of age
2. Dog living mostly indoors
3. Glucocorticoid-responsive pruritus
4. Pruritus sine materia at onset (i.e. alesional pruritus)
5. Affected front feet
6. Affected ear pinnae
7. Nonaffected ear margins
8. Nonaffected dorso-lumbar area

Essential fatty acids supplementation has a steroid sparing effect in dogs with atopic dermatitis.³

The mean dose of prednisolone in mg per kg body weight received in the active group (n = 28) (■) and the placebo group (n = 29) (▲) in the test period (day 1 to 84).

The recommended amount of EPA that is administered should be approximately 40 mg/kg body weight per day, administered for a minimum of 60 days.⁷

For their safety and potential benefits, PUFA should be considered as a part of the therapy for canine AD.⁷
dMEGA3: 3 Reasons to Use
Highly purified Omega 3 from fish oil

1. Top quality in the market

- Very High Concentration in Omega 3: 90%
- Very High Dosage in EPA (mg): 340
- Very High Dosage in Mixed Tocopherols (mg/g): 4 odorless colorless
- Unsurpassed purification levels

2. Evidence Based Veterinary Medicine indications

- Dogs with Atopic Dermatitis (AD) and all skin conditions secondary to AD: inflammation, pruritus, dandruff.

3. Evidence Based Veterinary Medicine dosage

- EPA: 40 mg/kg of body weight (1 softgel capsule/8 kg bw)
Scientific Background

Atopic Dermatitis (AD) is a chronic skin disease that can affect dogs. The International Task Force on Canine Atopic Dermatitis defined this disorder as ‘a genetically-predisposed inflammatory and pruritic allergic skin disease with characteristic clinical features associated with IgE antibodies most commonly directed to environmental allergens’. The treatment of canine AD involves the concurrent use of multiple interventions. Omega 6 and Omega 3 Polyunsaturated Fatty Acid (PUFA) have been proposed for reducing signs of AD in dogs for more than 25 years. Multiple combinations of PUFA are available on the market, either in capsule or liquid forms, and most commercial diets now have enriched their PUFA content and many Randomized Controlled Clinical Trials (RCCTs) reported the efficacy of PUFA supplementations in dogs with AD. In one high-quality RCCT, PUFA supplementation decreased glucocorticoid usage after 8 weeks of treatment, supporting the possibility that PUFA supplementation may be useful in reducing the daily dosage of glucocorticoid and their possible adverse effects. In one study of high design quality, the efficacy of a PUFA-containing supplement and shampoo was considered as similar to that of prednisolone. The supplementation of the Omega 3 Eicosapentaenoic Acid (EPA) and Docosahexaenoic Acid (DHA) to the diet can promote the displacement of Arachidonic Acid (AA) with EPA or DHA and can cause a consequent decrease in the production of pro-inflammatory eicosanoids from AA for the less inflammatory eicosanoids of EPA. For their safety and potential benefits, PUFA should be considered as a part of the therapy for canine AD. Omega 3 fatty acids do not form the inflammatory eicosanoid, Arachidonic Acid, and therefore, a product containing high concentration of Omega 3 should be used. Based on a study, the recommended amount of EPA that is administered should be approximately 40 mg/kg body weight per day, administered for a minimum of 60 days.

Bibliography

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dMEGA3 softgel capsules is specifically addressed for dogs affected by Atopic Dermatitis (AD) and all skin conditions secondary to Atopic Dermatitis (AD) such as: skin inflammation, pruritus, dandruff.

How to use:
dMEGA3 should be administered on a daily base, according to the following dosage:
- up to 8 kg bw: 1 cap
- 8-16 kg bw: 2 caps
- 16-24 kg bw: 3 caps
- above 24 kg bw: 4 caps
Daily dose could be varied in accordance with your Veterinarian’s suggestion.

How to use:

Highly purified Fish Oil:
✓ ODORLESS
✓ COLORLESS
✓ NO Heavy Metals and Pollutants
✓ NO free cholesterol
✓ NO Vitamin D & A

Pack of 30 capsules in blister
Pack of 80 capsules in blister

Raising Standards in Dermatology

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