



OMEGA-3 DOSING IN PETS



Omega-3 fatty acids are not endogenously synthesized in adequate amounts in the animal body system, so they need to be supplemented in the diet.¹



Research Spotlight

The process of converting ALA to long-chain omega-3s (EPA and DHA) is inefficient in dogs and nearly nonexistent in cats.^{2,3} Therefore, dogs and cats both require foods rich in EPA and DHA.

BENEFITS ASSOCIATED WITH EPA & DHA

- Increased joint health in dogs with osteoarthritis⁴
- Increased heart health in cats and dogs with symptoms of heart disease⁵⁻⁸
- Increased skin and coat health in dogs with atopic dermatitis⁹⁻¹⁵
- Essential for brain development in puppies and kittens¹⁶

REFERENCES

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EPA + DHA DOSAGES FOR DOGS AND CATS

69 mg/kg

Daily minimum dose of EPA + DHA in dogs with osteoarthritis reported to benefit clinical outcomes related to lameness, discomfort, and joint severity⁴

19-55 mg/kg

Daily efficacious dosage range of EPA + DHA to benefit dogs with heart failure suffering from arrhythmias and loss of lean body mass⁵⁻⁸

41-810 mg/kg

Daily efficacious dosage range of EPA + DHA to benefit cats with heart failure suffering from arrhythmias and loss of lean body mass⁵⁻⁸

20-66 mg/kg

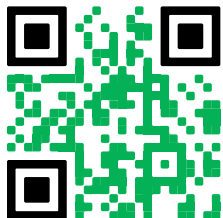
Daily efficacious dosage range of EPA + DHA shown to be effective in alleviating some of the symptoms of canine atopic dermatitis and support overall skin health⁵⁻⁸

10 mg/100 kcal

Minimum amount of EPA + DHA recommended by the Association of American Feed Control Officials (AAFCO) for canine growth and reproduction¹⁶

3 mg/100 kcal

Minimum amount of EPA + DHA recommended by AAFCO for feline growth and reproduction¹⁵



For a full list of references, please scan the QR code or visit <https://wholisticmatters.com/omega-3-dosing-in-pets/>