



Why the controversy over garlic?

Garlic has proven health and healing benefits and has been used for people and animals for hundreds of years. Garlic in all Earth Animals products is used at proven, safe levels.

The clinical study that has helped formulate the basis for veterinarian's opinion about garlic and has given garlic its perceived, bad reputation, was performed in Japan in 2000. The researchers fed 5000 mgs of garlic per kilogram weight of the dog - A 75 lb dog then would receive 5 heads of garlic or 75 cloves of garlic or a smaller dog of about 15 lbs would have to consume in every meal about 7-8 cloves of garlic. These large amounts of garlic were given as a liquefied extract, thru a stomach tube to dogs for 1 week and then blood was taken. This extreme high dose of concentrated garlic extracts, and aromatic compounds led dogs in this study to develop anemia.

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Hematologic changes associated with the appearance of eccentrocytes after intragastric administration of garlic extract to dogs

Keun-Woo Lee, DVM, PhD Osamu Yamato, DVM, PhD Motoshi Tajima, DVM, PhD Minako Kuraoka, DVM Shogo Omae, DVM Yoshimitsu Maede, DVM, PhD Laboratory of Internal Medicine, Department of Veterinary Clinical Sciences, Graduate School of Veterinary Medicine, Hokkaido University, Sapporo, 060-0818, Japan. (Lee, Yamato, Tajima, Kuraoka, Omae, Maede); Present address is Department of Veterinary Internal Medicine, College of Veterinary Medicine, Kyungpook National University, Taegu, 702- 701, Korea. (Lee)

Objective—To determine whether dogs given garlic extract developed hemolytic anemia and to establish the hematologic characteristics induced experimentally by intragastric administration of garlic extract.

Animals—8 healthy adult mixed-breed dogs.

Procedure—4 dogs were given 1.25 ml of garlic extract/kg of body weight (5 g of whole garlic/kg) intragastrically once a day for 7 days. The remaining 4 control dogs received water instead of garlic extract. Complete blood counts were performed, and methemoglobin and erythrocyte-reduced glutathione concentrations, percentage of erythrocytes with Heinz bodies, and percentage of eccentrocytes were determined before and for 30 days after administration of the first dose of garlic extract. Ultrastructural analysis of eccentrocytes was performed.



Results—Compared with initial values, erythrocyte count, Hct, and hemoglobin concentration decreased to a minimum value on days 9 to 11 in dogs given garlic extract. Heinz body formation, an increase in erythrocyte- reduced glutathione concentration, and eccentrocytes were also detected in these dogs. However, no dogs developed hemolytic anemia.

Conclusions and Clinical Relevance - The constituents of garlic have the potential to oxidize erythrocyte membranes and hemoglobin, inducing hemolysis associated with the appearance of eccentrocytes in dogs. Thus, foods containing garlic should not be fed to dogs. Eccentrocytosis appears to be a major diagnostic feature of garlic-induced hemolysis in dogs. (*Am J Vet Res* 2000;61:1446–1450)

Commentary

This study is out of reality for the safe medicinal use of Garlic. The administration of properly dosed garlic has numerous medicinal and health benefits. All Earth Animal products contain safely dosed garlic amounts.

Garlic in Earth Animals Products vs. The Garlic Study

Example:

A 65-pound dog on Earth Animal’s Herbal Internal Powder receives 420 mgs of Garlic daily

A 65-pound dog on Earth Animal’s Internal Powder receives 700 mgs of Garlic daily

A 65-pound dog on Earth Animal’s Flea & Tick Herbal Tincture receives 80 mgs of Garlic daily

A 65-pound dog in the Garlic Study received 147,727 mgs of Garlic daily

Garlic’s medicinal properties

There are many documented health benefits to feeding garlic:

- Garlic is a natural antibiotic and does not affect the "good" gut bacteria. which are needed for proper
- digestion and immune health
- Garlic is antifungal
- Garlic is antiviral
- Garlic helps to modulate the immune system
- Garlic makes dogs less desirable to fleas, ticks and mosquitoes
- Garlic has antiparasitic attributes

If you need more in-depth information that supports the safety and beneficial effects of garlic on dog and cat health, immune function and resistance against disease and parasites, contact Earth Animal @ 855- EANIMAL (326-4625)