

A close-up portrait of a woman with short, styled white hair, smiling warmly. She is wearing a small diamond stud earring and a silver necklace. The background is plain white.

THE HEALING POWER OF ENZYMES

Chapter 16

Enzymes and
Your Pet's
Health

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Enzymes and Your Pet's Health

THE IMPORTANCE OF ENZYMES IN YOUR PET'S DIET

Our pets don't deserve to eat one meal without enzymes. The foods that we feed our pets are usually processed, canned, cooked, and nutritionally damaged in some way. Remember, processing food or heating food above 118 degrees will destroy the nutritional activity. This is the reason why our pets have all the same digestive disorders and disease conditions that people have.

Whenever pet owners or my veterinarian friends ask me how they can support their pet's overall health, we tell them to look at the very first step — digestion. Your pet depends on his or her digestive tract to supply the necessary enzymes required to digest food and to perform countless metabolic functions throughout his or her body. But if the necessary enzymes aren't there, your pet may suffer from occasional abdominal discomfort, gas, and vomiting. But that's not all — insufficient digestive enzymes can affect their overall health too. You may not realize it, but important functions like detoxification, joint movement, skin health, oral health, and immune function all depend on enzymes for both our bodies and their bodies.

Just about any food you feed your pet today, whether it's processed dry, canned, high quality frozen, or even homemade raw food, may not be adequately digested because his or her body may not be able to supply all the enzymes for digestion. Pets normally do not have a choice in the foods they are fed. All the nutrients in commercial pet foods are synthetic, which means only a part can be absorbed. Plus they are carnivores, and their bodies may not recognize some foods. If that is the case, then the nutrients that the pet vitally needs do not get to the cells. Therefore, I believe that just about all cats and dogs can benefit from a supplemental digestive enzyme to support their optimal digestion and health.

Nature intended for the enzymes in food to assist the natural digestive enzymes secreted by the animal. If food is not digested as nature planned, it cannot supply an animal with the nutrition needed to build and repair vital organs and tissue, produce energy, and maintain a strong immune defense system. Enzyme synergy and cell metabolism are important for complete utilization of the potential nutritive value of foods. In the absence of active enzymes in food, the foodstuffs may lead to diseases for our beloved animals.

Dogs digest their foods just as humans do. Cats have more of a digestive problem due to the breed's improper fat digestion, which leads to their kidney problems. Both dogs and cats require digestive enzymes since their food is broken down in the same digestive pattern. Humans can tell someone when we hurt or have poor digestion, but our pets can't. It shows up as constipation, diarrhea, itchy skin, and shedding of their fur until it turns into a disease. Just like humans, they inherit an enzyme potential that is dependent on their own unique DNA. Include the genetic problems in breeding of the animals, and you compound their predicament.

Enzyme deficiency may be the primary reason for many of the problems existing in veterinary concerns today. In the early days of my business and clinical research, we had several such doctors on our board, and most are still with the company today. One of my most special board members is Dr. Todd Robeck, and he is affiliated with Sea World because of his specialty as a veterinarian and a fertility specialist. It was fun because when we wanted to see Todd we could visit Sea World and he would let us behind the scenes. This was the first time I had arranged to visit Sea World to meet him along with another doctor and his two friends. Todd introduced me to the killer whales and a sweet dolphin named Lucky. Lucky had eczema on one side of his body and was very shy. Of course, having suffered with it myself, my heart went out to him.

Todd called me one day saying they were having problems with one of their killer whales and his blood work was showing serious kidney problems. He asked how much protease he would need to give the whale. I asked how many tons he weighs. I had no idea on how to determine the dosage to administer, so we settled on protease in a fish and went from there. I do not know if you have ever seen the size of capsules they use, but you could stand in one! I arranged to get him our protease blend in kilos, and we struggled with the amount but did something right because the killer whale lived.

They invited me to show them how the protease can work effectively in the blood by using my microscope but I was in London teaching, so my sister-in-law Jeannie went in my place with our microscope in tow. It is very rare for them to grant nutritional or much of anything used on these extremely valuable creatures.

We were given permission by Sea World in San Antonio to speak about the use of enzymes, but I did not know how to relate the story about eczema and killer whales or dolphins. Then what followed was an invitation to speak to doctors in Dubai about enzymes for animals, and I asked Todd to go in my place. I knew they raised horses, which were expensive commodities. He did a beautiful job, and they showed him their surgical rooms for the horses. Todd has gone on to become famous in Sea World circles around the world because he was able to use his fertility magic for births of killer whales in captivity.

Dr. Robert Turesky, a research scientist for the Division of Environmental Health Sciences at the New York State Department of Health, had done a study on hair analysis to detect the presence of specific carcinogens in cooked meat. As a test, Dr. Turesky analyzed the fur of his own dogs and, to his surprise, discovered the presence of one of the carcinogens he was researching. Since his dogs do not eat grilled steaks or burgers, it seemed clear they were being exposed through their own processed pet food diet.

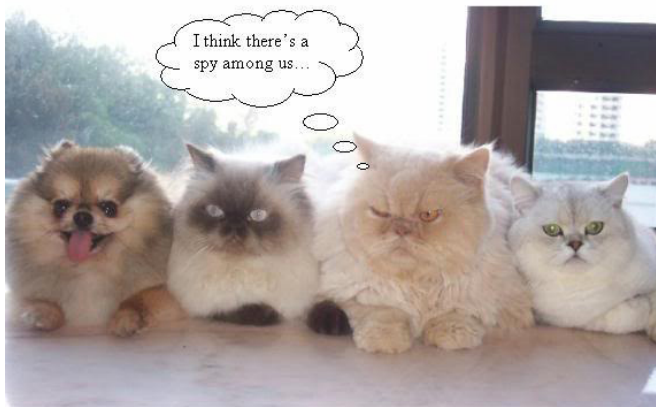
Veterinarian Karen Becker discovered that, including Dr. Turesky's published study, there appears to be only two studies in existence that address the potential for carcinogenic substances in processed pet food. When we consider the fact that most dogs and cats eat commercial processed diets during their entire lives, and when we also take into account the escalating incidence of cancer in pets — especially dogs — it seems this topic deserves more attention. Based on Dr. Turesky's findings on carcinogen levels in cooked poultry-based protein sources and what we know about the extreme processing dry pet food undergoes, it seems the worst thing you can feed your beloved dog or cat is a poultry-based dry food. As always, fresh raw, freeze-dried, or air-dried meat-based diets, well balanced, are Dr. Becker's recommendation for healthy dogs and cats.

Research has shown that animals in the wild have much less chronic degenerative disease than domesticated animals do. This can be directly attributable to their food sources. When animals are fed with cooked, canned, dried, or any of the processed food stuffs, the responsibility for digestion falls entirely on the animal's digestive system. This compromises their immune system. When a supplemental plant-based, multi-enzyme formulation is added to the animal's diet, the same enzymatic activity is available for digestion that is needed to handle the processed foods. This relieves some of the burden placed on the digestive and immune systems.

An enzyme-deficient and/or nutrient-deficient diet may lead to musculoskeletal inflammation, a major cause of discomfort and debility in millions of older canines. Osteoarthritis, loss of mobility, impaired movement, pain, and swelling can be

relieved with enzyme supplementation. Relief from edema, a major source of irritation for an animal, has also been experienced.

Protease enzymes break down protein foods. When taken between meals, they hydrolyze large protein molecules into smaller polypeptides and amino acids. When larger protein molecules (bacteria, cellular debris, parasites, and fungal forms) are hydrolyzed and become soluble, they are more readily passed in the urine. Therefore, protease clears inflammation from the system. Lipase enzymes aid in proper fat and lipid digestion — when taken between meals, they also facilitate essential fatty acids to maintain skin, coat, and other tissues. Carbohydrate-splitting enzymes assist in the breaking down of carbohydrates so they can be used for energy. And when taken in between meals, they aid in the control of inflammation caused as a result of poor digestion of carbohydrates.



CASE HISTORY

Dr. Jim Smith, a veterinarian specializing in animal allergy and dermatological problems, has been performing clinical research with supplemental plant-based enzymes. He was thrilled with the results and says the time expected for healing response is not just cut in half, but in many cases occurs within 72 hours. This of course depends on the condition of the animal. But in all the years of his practice, he has not seen anything in medicine or any other supplement work like the enzyme protease for mange, foot biting, mites, parasites, ear infections, and various other conditions that he sees on an ongoing basis in his clinics. Dr. Smith has been working with other veterinarians by teaching enzyme therapy usage.

Veterinarians using the enzymes have seen amazing results with large animals such as horses and even very large animals such as elephants. The challenge for me has been to come up with some of the dosages. This has been real education for me. Most of the doctors tell me that fifty percent and higher of the ailments that

bring animals to their clinics are directly related to diet and nutritional imbalances. These particular animals have a different digestive system, so the time for enzymes used for digestion is planned for the animal. This is not an area of my expertise, but all I can do is use common sense in trying to direct the traffic in digestion and enzyme therapy. What enzymes have done for the health of the animal kingdom is exactly the same as for the human race. I know that by now you surely have some usable information about enzymes for the health of your family and your pets. Please remember that the best way is the preventative way. However, if you have a condition, it is important to educate yourself and look at all possible choices.

According to PetfoodIndustry.com, a major industry player is losing market share because consumers are "increasingly choosing pet foods that more closely resemble their own foods." It seems more and more pet owners are actively seeking out smaller pet food companies that sell products with higher quality ingredients. The pet food industry as a whole is undergoing a shift in response to consumer demand for the same types of ingredients and foods for their pets that they want for themselves. Pet owners are looking for products and ingredients that are (or are perceived to be) natural, fresh, and locally sourced (or at least not sourced from, for example, China). According to the Wall Street Journal, "The image of lab-engineered nutrition like Hill's has become a liability in an age where the new mark of quality is organic or natural, and the brand has lost market share."

When I cannot fix proper foods for my two Vizsla dogs, I pay in proportion to what I get. Right now I am purchasing Evangers Gold Label. I also give my dogs supplemental plant-based digestive enzymes, proper probiotics, and added protease. Our dogs live long lives, and our oldest Vizsla named Rascal was 18 human years when he passed. I wonder how long he would have lived with quality of life had I married his owner earlier in this precious dog's life.



Plant-based digestive enzymes are available in capsules or powdered form, so you can decide which fits your pet's palate. Cats seem to prefer the powder taken out of the capsule, while some dogs eat the capsules mixed in their food. My sister-in-law just tosses the enzymes to her dogs and they eat them as if they were given a treat.

One of our dogs named Max will take enzymes anyway he can get them, yet his brother, Buddy, likes the powder and will not eat the capsules. They are from the same litter and their preferences are similar, yet different. If there is a dog biochemical type, then Buddy has problems with fats (Type Two) and Max has problems with carbohydrates (Type One). I try to give them protein foods as an ongoing regimen but cannot always control our family and friends treating them.

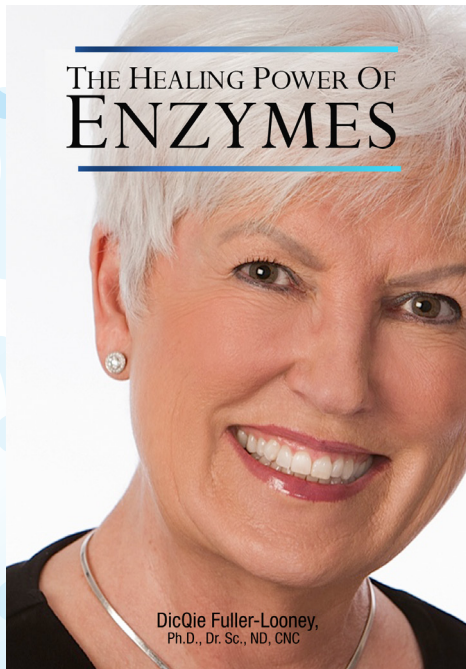
TESTIMONIAL

Re: tremendous success in my veterinary practice

"Just wanted to take a moment to let you know how wonderful your products are. I have had tremendous success in particular with two of your products in my veterinary practice: your gastrointestinal formula and Probiotic. The products are very gentle and well tolerated even by small three-pound pets. I use the Gastro and Probiotic (dosages vary depending upon size of pet) for cats and dogs with irritable bowel syndrome and any type of gastrointestinal distress. Just recently, I adopted a beautiful white husky named Blue who had waited for 2 years to get a home because he has severe irritable bowel syndrome and pancreatitis. I have had to proceed very slowly with him because any change causes a reaction — even if it is a change for the better. Blue was belching and regurgitating most of the night even though he was on special food for a sensitive stomach. I introduced the Probiotic and saw immediate results — he slept through the night comfortably and his loose stool firmed up. This is not a one-time incident. I hear from many cat and dog owners that these two products have helped their pets' loose stool and tummy rumbling almost instantaneously. I have tried other manufacturers and have not found the same results. Thank you!!!!" - Susan D., CCN

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ADDITIONAL CHAPTERS!

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Dr. DicQie Fuller-Looney has enjoyed and been blessed by her 30-plus years as a clinician, educator, researcher, and author. She has earned two Ph.Ds, one in Health Science and the other in Dietetic Nutrition, and also holds a degree as Naturopathic doctor – Heilpraktiker from Germany Kneipp Heilpraktiker Akademie. Her passion in the last 35 years has been in the realm of Enzyme Therapy along with Biochemical Individualism and their use in bringing balance to the body whether involving our health, thoughts, or harmful beliefs.

*"How exciting! A Must Read For Everyone!!!
What a great educational tool for those
practitioners stuck on the simplicity of our
wonderful enzymes" - Rose Jacobson, CT*

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