

Pawsitive Press

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Bionutritional Analysis

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In my years of practice, one of the most often asked questions from pet owners is “Doc, what else can I do for my pet?” One of the most frustrating feelings as a doctor and certainly as a pet owner is that feeling of helplessness when sometimes there is seemingly nothing left to offer. As doctors and as pet guardians, we always strive to find the best care for our loved ones, whether it is a new puppy we are welcoming into our home or our faithful geriatric companion that has been with us since puppyhood. At the Animal Hospital of Dunedin, whether, in the past, it has been adding acupuncture, herbal therapies, or homeopathy, we are continually moving forward looking to provide more answers to this pressing question. The latest addition to our toolbox is something known as targeted nutraceutical therapy stemming from a test called a Bionutritional Analysis. The Animal Hospital of Dunedin has the distinction of being one of the few veterinary hospitals in the region to offer this unique test.

Nutrition is one of the most important components of your pet's comprehensive health care plan. When the word nutrition is used, most people

think of the diet that the pet is fed day in and day out. One of the most famous quotes from Hippocrates, the father of modern medicine, is “Let your food be your medicine, and let your medicine be your food.” When one takes this at face value, it certainly seems like he is talking only about the food we find on our plates or in our furry companion's bowl, but it also encompasses herbal and nutraceutical supplements as well.

So what exactly is a Bionutritional Analysis?

Quite simply, it is a test which analyzes your pet's blood results on a deeper level than routine blood tests. It screens for weakness in organ and glandular function but also is able to assess function on a cellular level. While standard laboratory screens can detect pathologic changes in your pet's body, the Bionutritional Analysis has the ability to dig deeper and identify what are known as metabolic imbalances. Think of these metabolic changes as the early warning system for disease, they indicate a problem before obvious

disease is present. Therefore, even if standard blood screenings are deemed “normal”, this test has the ability to find potential problem areas. The goal of this test is to identify imbalance within the body and then utilize a custom blended nutraceutical powder to restore balance and function to an optimal level.

What pets can benefit from a Bionutritional Analysis?

The Bionutritional Analysis can be run on any pet, from those with serious disease to those deemed healthy. In the healthy pet, the Bionutritional Analysis can be used to identify minor imbalances within the body. The goal here would be to use the test as a type of preventative medicine identifying imbalance before disease starts so that we can then “fine tune” the system with a custom blended nutritional powder. Think of keeping your car in tip top shape with regular oil changes, tire rotations, and tune ups before the big problems have a chance to show up.

In a pet with disease, the test is used to identify both pathologic and metabolic changes so that we can then use a custom blended nutritional powder to address these changes. The goal of the test and subsequent powder in this case is to help treat obvious disease while making the rest of the body healthier.

Bionutritional Continued

This hopefully will allow the doctor to treat the condition more effectively while also allowing the pet to become part of the healing process. All too often, we forget how important it is to treat the pet on a global scale versus focusing on one organ or issue alone. To be the most successful with our treatment, we must try to restore balance and health to the pet's entire body as well as treat the disease.

What is this custom blended powder you keep mentioning?

After the Bionutritional Analysis is run, Animal Nutrition Technologies (ANT) will send the results to your veterinarian. Based on these results, ANT can formulate a custom blended powder. This powder is not an off the shelf pre-made supplement. It is custom made for your pet based on your pet's blood results. The benefit of using this custom made supplement is that it targets the specific imbalance detected in your pet and your pet alone. There is no standard formula, it is all made for your pet once the order is placed.

The nutraceuticals that may be found in the powder include high quality vitamins, minerals, amino acids, antioxidants, probiotics, digestive enzymes, glandulars, herbals, and more. Again, the ingredients are chosen based on your pet's imbalances with the goal of restoring and maintaining health. Unlike many over the counter supplements, there are no fillers, binders, or coloring agents.

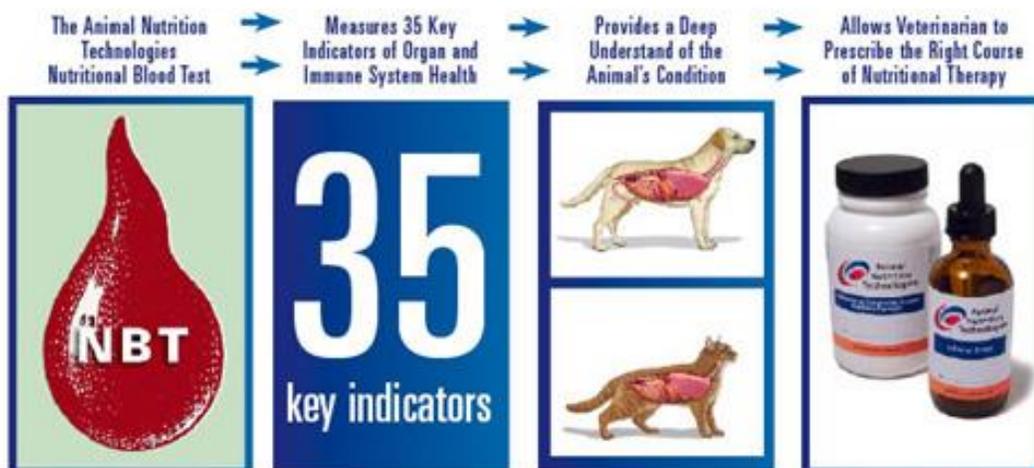
What cases can be helped with the Bionutritional Analysis program?

Animal Nutrition technologies has been helping pets for over 30 years and has logged over 30,000 cases. Some of the more common cases that can be treated using the Bionutritional Powder are chronic skin issues, chronic gastrointestinal issues, age related degenerative conditions, liver disease and kidney disease. It can also be used for patients with cancer to improve quality of life, which is always the number one concern. Many of these patients suffer from severe imbalance within the body due to both the cancer and oftentimes, the treatments. While Animal Nutrition Technologies makes no claims of curing cancer, the benefit comes in building the patient up to fight the good fight and in quality of life. The powder can be used with most conventional treatments for any disease but may need to be slightly modified with certain chemotherapies.

How do I get started?

Simple! When visiting our hospital, the staff will draw a blood sample after an examination by one of our doctors. The blood tests required to run the Bionutritional Analysis are a Complete Blood Count (CBC), Super Chemistry, Thyroid Level, and LDH level. Once the panels are available for analysis at Animal Nutrition Technologies, the Analysis is run and we will usually receive results within 5-7 business days. Once the results are in, one of our doctors will discuss the results with you and from there, the custom blended powder can be ordered from Animal Nutrition and within 5-7 days, the powder arrives in a vacuum sealed foil pouch. The powder is then administered by gradual introduction into the pet's normal food. For more information, call our office or discuss it with one of our doctors at your next visit!

Animal Nutrition Technologies Nutritional Blood Test Process



Antioxidants for Your Pet?

In recent years, both written and visual media outlets have reported on the benefits of antioxidants for humans. Did you know that antioxidants can also benefit your pet?

Antioxidants come in many forms and can be helpful if your pet suffers from any health condition that could benefit from the protection of antioxidants against the damaging effects of what are known as free radicals. Free radicals damage the body on a cellular level and antioxidants slow this process and help cells remain healthier. Some conditions that can be helped by adding antioxidant support are allergies, cardiac and chronic respiratory disease, cataracts, cancer, and various age related degenerative conditions, among others. Antioxidants have also been shown to boost immune system function which can help your pet fight off illness.

Some of the more common antioxidants your veterinarian may recommend are Vitamin A, Vitamin C, Vitamin E, Milk Thistle, Carotenoids, Selenium, and Alpha Lipoic Acid, and Lycopene. While these can be found in many formulations as nutritional supplements, antioxidants can also be found in many foods such as carrots, broccoli, blue berries, and apples. Your veterinarian can guide you on the best supplements to use as well as the best diets to feed.



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80%

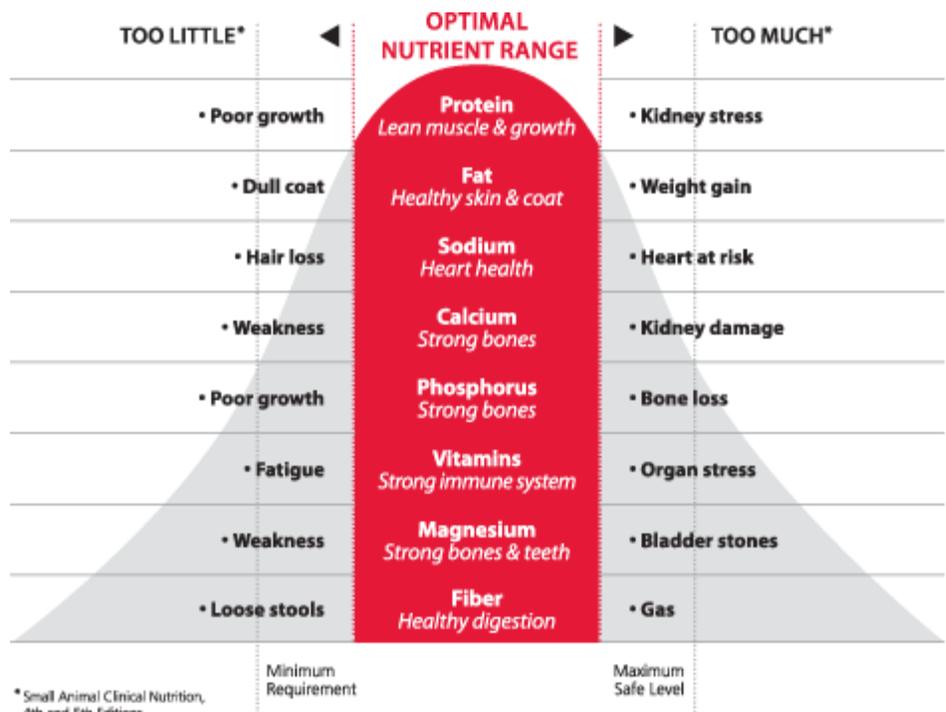
of dog owners have the misconception that nutrition for dogs and humans is similar



Less than

10%

of dog owners actually know the correct proportion of key nutrients their dog needs



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www.ahofd.com



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\$1

First Exam - New Patient

(\$49-\$80 Savings)

Includes comprehensive physical exam and one vaccine. Does not include 3yr Rabies vaccine. Coupon may not be combined with any other offer.

Expires: 08/31/14
NL



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\$5 Off

\$5 off Bath with Annual Exam

Call to schedule an annual exam appointment and leave your pet for a bath and receive \$5 off the cost of the bathing services. The bath will include shampooing, ear cleaning, pedicure, warm air drying, and brush out. Coupon must be presented at the time of purchase.

Expires: 8/31/14 NL



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\$10 Off

\$200 Retail Mix and Match

- *Shampoo
- *Food
- *Heartworm Prevention
- *Dietary Supplements
- *Flea and Tick Control

Coupon must be presented at the time of purchase

This coupon can not be applied to prescription medications other than heartworm/flea control

Epiration 08/31/14 NL