

Dog Cancer  **Special Report**

Canine Osteosarcoma

Dear canine lover,

Thank you for requesting this free report on cutting edge care for Canine Osteosarcoma. We know how overwhelming this is, so we have gathered some information here to help you make the best decisions.

Osteosarcoma is the most common type of bone cancer in dogs. It accounts for 80-90% of malignancies involving the bone. It starts on the surface and progresses inward, disintegrating the bone. Don't worry too much about the exact name they put on the dog's disease. The information given here applies to all forms of osteosarcoma. And the treatments are similar. About 80% of dogs with osteosarcoma can be put into remission through the use of modern treatment and effective immune support. The "typical" canine osteosarcoma patient is generally an older larger breed male dog.



The trouble is that the most common signs of osteosarcoma, lameness and pain, usually develop when the cancer is already quite advanced. It is often mistaken at first as arthritis, stiffness or a pulled muscle and veterinary care may not immediately be sought. So be alert to pronounced bone swellings or lameness. Osteosarcoma is first and foremost an immune dysfunction disease. It is a failure of the body to recognize the aberrant cancer cells as invaders. In order for a dog to overcome this cancer,

the dog's normal recognition response has to be triggered to allow the dog's own system to fight the disease. Amputation, and occasionally limb saving radiation therapy, are vital components to an effective treatment approach for osteosarcoma. But ultimately, the dog's own immune response is the only thing that can (hopefully) overcome the disease. The traditional therapy provided is to reduce the mass of the tumors – the number of cancer cells present. It is also crucial to address the dog's immune system as well, providing the best chances of the dog fighting off this disease.

The life expectancy of a dog with untreated osteosarcoma is usually only about 2-4 months after diagnosis, but modern treatment including immune support can dramatically increase the odds of remission and in many cases providing a long term positive outcome. The likelihood of a long term remission depends quite a bit on how advanced the disease is when it is first diagnosed.

We all want predictions... how long will my dog last before the disease wins out? Before you put too much stock in the answer to such a question, keep in mind statistics are only useful in a general way and the only thing that really counts is THIS patient. No matter how much training and schooling a doctor gets, they still are not very good at predicting the future. So don't give up hope because the statistics don't look too good. If your dog survives this disease, that is a 100% success rate! Most osteosarcomas respond very well to a combination of modern therapies and immune modulation therapy such as the combination of K-9 Immunity and immune proteins such as K9 Transfer Factor, or some equivalent system.

Quick Start Guide to Fighting Dog Cancer



There are several steps you can take in making sure your dog has the best possible chance of effectively fighting this disease. They are:

1) Make sure of the diagnosis. This means getting a biopsy done and sending it off to an independent lab for assessment (not relying on an in-house diagnosis at the primary veterinary lab). There is a reason this is done. Anytime a doctor, whether a veterinarian or physician sees a patient, he or she will make judgments based upon the way the patient is presenting in the clinic, and their experience and training. If this patient looks like every other osteosarcoma case they have ever seen, they will make a subconscious diagnosis that this is what they are seeing now. After that subconscious decision is made, everything the vet does will be to reinforce their subconsciously pre-determined belief.

This is just human nature. The truth is, we all make mistakes from time to time, and it is **ESSENTIAL** that any possible mistake is ruled out before deciding on a treatment plan for your dog. By taking a biopsy, which is a small sample of the suspect tissue, and sending it out to a pathologist for assessment, it provides several benefits to the patient: It insures that a second opinion is obtained before planning any treatment. It also ensures that someone who has NOT seen the dog is making the diagnosis, and that doctor (called a pathologist) who is looking at the biopsy sample will not have any pre-determined opinions on the matter. The pathologist reviewing the biopsy is more likely to

make the most accurate diagnosis than the primary treatment vet. Again, this is not bad medicine, it is just human nature. Many veterinarians will make their diagnosis and start the treatment plan without confirming it through a biopsy. This approach is **NEVER** taken in human medicine, and it should **NEVER** be taken in veterinary medicine. One of the standard and best pieces of advice we can give for any osteosarcoma patient is to **GET A SECOND OPINION**.

2) Feed the proper diet, which is **NOT** just buying the cheapest dog food from the grocery store. Osteosarcoma patients have much more strict dietary needs which will have to be met for the dog to overcome this disease. More advice on diet will follow later in this report.

3) Choose your veterinary team with care. This is a critical part of properly addressing your dog's cancer. You need to find the right medical people that you can work with to help choose the best options for your family and your pet. This will insure that you get the best treatment experience possible. Being open to your vet's guidance and advice and feeling comfortable discussing options with them will help make the best of a difficult situation. Not every veterinarian is the best choice for treating your dog.

The collaboration of a Veterinary Oncologist should also be sought. Remember there is no one be-all and end-all treatment that fits every dog and every osteosarcoma case. If the first course of treatment tried doesn't work there are usually other alternatives available.

Not all vets have been trained in immune modulation therapy as an adjunct to chemotherapy, as this is fairly new in the American veterinary field. But most vets are very receptive to any ideas they can use to help their patients and are happy to find new solutions. We are always working with vets around the country and would love to help you find the best vet for your companion. If you need assistance finding help in your area you can call the **Aloha Medicinals Canine Hotline**. There is no fee for this service.

**(775) 882-5959 8:00 am to
4:00 pm PST Mon - Fri.**



Follow whatever advice is given by your primary vet and the veterinary oncologist, which will usually be amputation followed by some type of chemotherapy such as the use of the chemotherapy drugs Cisplatin or Carboplatin, or even a multi-drug approach of chemotherapy, administered over a period of weeks or months. While amputation may seem like a drastic approach, it allows time for the vet and oncologist to fight the disease. And most dogs do just fine on three legs. Do not forget to add some type of immune system enhancement to the treatment plan since the surgery and chemo only reduce the mass of the tumors, but do not address the underlying immune dysfunction that is allowing the proliferation of the cancer in the first place. If the oncologist does not suggest some immune enhancement plan to you, make sure to ask them about this. Feel free to provide the oncologist or veterinarian with a copy of this report, and they can contact Aloha Medicinals for further information regarding the technical details – the mechanisms of action and other treatment details.

Once you have more information and understand more about your dog's condition, your anxiety level will go down and you will be able to more confidently care for your pet. There are many ways to deal with cancer and each caretaker has to choose his or her own path, in conjunction with

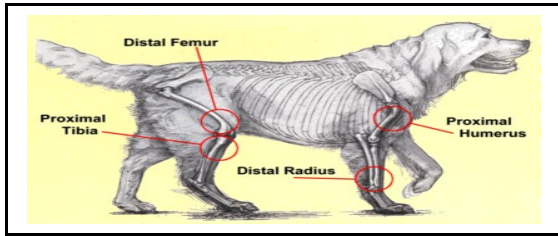
the advice of a vet and/or specialist.

Be creative, flexible and adventurous in caring for your cancer dog. And keep the faith! Your attitude is important for everyone. Your pal, your playful companion, buddy, and confidante has become a cancer patient. You may be no longer able to look at him or her with eyes full of happiness and love. Your eyes, your tone of voice, your posture and your energy level may speak of sadness, pity and anger. Dogs are sensitive to the type of energy that their humans send out, so try to keep your spirits up, especially when they're feeling well and happy. You can't always *put on* a happy face, but you can do your best, hope for the best and hold a good thought. Hold them close, cry on occasion, but for the main try to stay upbeat and positive. Dogs are even more sensitive to your subconscious messages than people are. Keep in mind, this type of cancer is very treatable with today's medicines.

Be truly grateful and full of joy for the time that you have had with them and any time that remains. Because they are with you now, try to thoroughly relish every day that you have together, because each day is a precious gift for all of us. Tend to your dog, do whatever you can to make him or her comfortable. When you feel like you have done everything you can, you can still simply sit by their side, pet them, love them, sing them a song!



Understanding your dog's diagnosis



Usual Sites for Osteosarcoma Development

Your dog is depending on your choices for their future. After you recover from the initial shock and sadness of the diagnosis, it is essential to confront the challenge. This cancer is relentless and if left untreated, has a high mortality rate.

Remember dogs that still feel well and are still strong because they are only in the early stage of the disease will do better with their treatments, than those who have more advanced disease. Osteosarcoma can spread quickly throughout the body and untreated dogs generally deteriorate rapidly. Fast action on your part is the one thing that can turn this disease around, so any lameness or swellings on their legs or ribs should be checked out as soon as possible.

While it may be tempting to "hold off" on treatment to see if the pet gets worse, this is usually not a good idea. Waiting can drastically reduce the chances for long term survival. Osteosarcoma is an aggressive, highly metastatic cancer that requires aggressive treatment. Higher remission rates are achieved if your pet is treated in the early stage while they still feel healthy. Keep in mind there are also fungal bone infections that can produce similar symptoms and appearances on x-rays as osteosarcoma. A complete screening to rule out the fungal culture, Pythiosis, is recommended. This is a simple blood test and your vet can contact Pavlab at 800-856-9655 for details. After all else is ruled out and diagnosis is complete the biopsy for osteosarcoma is usually done.

Once the tumor has been positively identified as

an osteosarcoma, the affected limb is usually amputated. The goal of the surgery is to remove the tumor along with a clean healthy cell margin. In rare cases where the tumor is in the right location, some limb-sparing surgeries can be performed, but that is not usually the case. Radiation therapy can aid in local control of the cancer and provide some pain relief. This option may be a good one for those who want to avoid amputation procedures, and should be discussed with your oncologist as every case is different.

Amputation or radiation is typically followed by chemotherapy due to the high incidence of metastasis. Osteosarcoma will usually metastasize to the lungs and occasionally will show up at different locations.

In addition to amputation or limb sparing procedures and chemotherapy, immune enhancement therapy is essential as a follow up. Surgery and chemotherapy alone almost never results in a cure (the cancer comes back in over 99% of the cases) and cannot address the underlying cause of the cancer, which is immune dysfunction, but with immune therapy your dog's chances are greatly increased.



Immune modulation therapy, such as provided by **K9 Immunity**, in most cases leads to a more favorable outcome and this seems to be one of the better canine cancers to control with the use of immune modulation therapy. In younger or middle aged dogs, which are

otherwise healthy, the results following surgery and treatment with the **K9 Immunity** leads to partial or complete remission in about 80% of the cases. Until the immune recognition response is triggered, the patient cannot overcome the cancer and recover fully.

Since the cost of chemotherapy, radiation and surgery can be quite high, we are often asked about using **K9 Immunity** as a standalone treatment. While this is not the best option in overcoming the disease, it sometimes works. Although there are many cases which we have direct knowledge of where the immune modulation therapy alone has lead to complete remission of the dog's cancer, there are many factors involved in the successful outcome of osteosarcoma or any other medical challenge; the dog's age, diet, general state of health, other medications the dog may be on, previous history and genetic disposition all come into play.

Ultimately, only the patient's own immune system will be what overcomes the cancer. Modern re-

search into immune modulation therapy as an adjunct to conventional therapy has proven this concept. Immune modulation therapy is at the forefront in treating human cancers worldwide, although naturally occurring compounds are not usually recognized as drugs in America, so it is catching on slower here than in most other countries. **K-9 Immunity™** is a veterinary grade formula specifically intended for use in dogs fighting



cancer, attempting to trigger the proper immune response. **K9 Immunity** is composed of naturally occurring compounds, called heteropolysaccharides, which act to enhance immune function. **K9 Immunity** works in conjunction with other compounds produced in the body, called immune proteins, which together tend to activate various types of immune cells which are the body's normal response to invaders, such as viral, bacterial, or cancer cells.

In order to increase the number of these immune proteins in the body, it is recommended to use **K9 Transfer Factor**, or another immune protein product, in conjunction with **K9 Immunity**. Making sure the dog has supplemental immune proteins will ensure all of the heteropolysaccharides are fully utilized. Otherwise, some of the **K9 Immunity** could pass through unused.

We hope you will find the information you need about dog cancer, but sometimes you just need to speak to a real person, so remember we are only a telephone call away at the Aloha Medicinals Canine Hotline at:

(775) 882-5959 8:00 am to 4:00pm Mon - Fri. PST

Improving your dog's diet

Your dog's diet is crucial to their recovery. "Diet can be easily controlled and can make the difference between a successful treatment outcome and a failure". Dogs did not evolve as grain eaters. For the past 10 million years they have primarily been meat eaters and they do not produce the enzymes necessary to digest grains.

Unfortunately, most commercial dog foods are based upon rice, wheat or corn. While rice and corn may be OK for young and otherwise healthy dogs, pets fighting cancer should not be fed grains. Read your dog food label to make sure at least the first two ingredients on the list is some type of meat. There are also several dog food companies who are producing grain-free foods. Aloha Medicinals has tested several of these grain-free foods and feels Taste of the Wild is the best, well-balanced food for making that step towards a healthier pet. You can purchase this directly from Aloha Medicinals, or you can shop at your local gourmet pet food store. Don't forget the grain-free treats for your good dog, Aloha Medicinals also has a selection that you dog is sure to love!

You should also consider adding additional animal based protein and fat to the diet as osteosarcoma dogs require a higher fat/protein content than healthy dogs. The grain-free foods have a higher protein content than conventional foods, but you may still supplement for one of their meals. Canned sardines (one of the best sources of high quality proteins), cottage cheese, eggs and just about any kind of meat such as hamburger or ground turkey are good supplements. No cooked bones of any kind should ever be added as they are likely to splinter!

This additional protein is important to avoid any chance of the body robbing it from other places, which can lead to serious secondary complications. This can lead to muscle wasting, but is more likely to lead to complications with the functions of the kidneys and liver, something your poor dog does not need on top of the cancer.

Recommended Dog Food Brands

We are often asked what the best brand of dog food is for cancer patients. There are many good foods on the market and some that are not so good. It primarily has to do with the amounts and types of grain present.

Aloha Medicinals has tested many different grain free dog foods and Taste of the Wild is the one we like the best for making that step towards a healthier pet. You may also find that your dog will eat less due to decreased fillers and increased fat/protein levels.

Taste of the Wild – grain free and recommended by Whole Dog Journal; Taste of the Wild can also be purchased from Aloha Medicinals in conjunction with your K9 Immunity products.

More diet info can be found at:

<http://www.dogcancer.net/diet.html>

A dog with cancer is building a lot of new tissue, whether it be tumor tissue or just scar tissue. Certain specific proteins and cell membrane components (omega 3, 6 and 9 fatty acids) are required to do this. Membrane stabilizers such as omega-3-fatty acids, gamma-linolenic acid and coenzyme Q-10 are also important additions. Antioxidants can sometimes be helpful in treating canine cancer, although it is important check with your oncologist before adding any antioxidants to the dog's diet (especially Vitamin C), as some antioxidants can interfere with some of the chemotherapy drugs used in fighting osteosarcoma.

We HIGHLY recommend fish oil be added to any cancer dog's diet to ensure they get plenty of the omega fatty acids. It is easy to get a dog to take their fish oil by opening the softgel and letting them smell it. The next time they should eat it like a treat. One

1000 mg softgel capsule per 20 lbs body weight per day is a good dose for dogs (60 lbs dog gets 3 capsules per day). We think our K9 Omega is the best fish oil available for dogs, but you can also use a fish oil from your local store. Buy the cheap ones as they have less additives and the dogs do better on them.

It is essential that you consult your veterinarian to make sure your dog is healthy enough for an increase in protein and fat (especially for those suffering from pancreas, liver, kidney, or spleen concerns).

Make sure to provide plenty of fresh drinking water. Cancer dogs should drink filtered water only. The simplest way to provide this is with a counter top filter with the spigot positioned just above the water bowl.

Maximize your dog's immune function



Your dog's immune system must be brought back to normal as cancer is an immune dysfunction disease. It is a failure of the body to recognize abnormal cells as invaders. In the last few years specialized compounds have become available for use in cancer patients to try and correct this error. These are called immune modulators. These immune modulator compounds often trigger the patient's "immune recognition response" allowing the body to recognize and destroy the aberrant cells. When this recognition response is triggered, the body re-learns how to deal with the tumor cells as it would with any other wound, and destroys them, producing healthy scar tissue in their place. These immune modulators are different than the class of drugs called Chemotherapy. Chemotherapy drugs are toxic, and work by destroying the cancer cells directly. Amputation, drugs and radiation are useful in combating canine osteosarcoma cancer,

in that they reduce the number of cancer cells present, but they do not address the underlying cause that allowed the cancer in the first place. Immune modulation compounds, on the other hand, are not toxic. They are a class of compounds called heteropolysaccharides, which naturally occur in food and are required in all mammals for triggering normal immune function. In cancer patients, large amounts of these immune modulators are required to trigger that normal rejection response, which in turn kills off the cancer cells.

Canine Osteosarcoma Responds Very Well to a Combination of Therapies Using Traditional Therapy and Immune Modulation. Aloha Medicinals Inc. specializes in immune modulation compounds for use by cancer survivors. For most dogs the use of K9 Immunity and K9 Transfer Factor combination regulates the immune system. **K-9 Immunity** contains the heteropolysaccharides PSK, PSP and Lentinan, which are the three most widely used anticancer compounds in the world today.

This formula also contains nearly 200 other closely related polysaccharides which trigger other aspects of immune function. These compounds are sometimes referred to as glyconutrients, and are required for correct immune function in all mammals. **K-9 Immunity** was first developed for Seeing Eye dogs being treated for cancer, and is now available to clinics, veterinarians and direct to the public.

Keep a journal

Keep a journal and a file of copies of any tests or findings you should request from the Vets or Clinics you visit. You are your pet's best advocate. Keeping a simple list of notable events may very well save your dog from having to endure side effects unnecessarily.

A few months into treatment, you may find yourself trying to remember reactions and symptoms. By tracking the course of treatment, your simple notations could help the vet to help your pet.

Veterinarians that you consult during the course of your dog's treatment may ask you for information, such as, when you started giving your dog a particular medication or supplement, at what dose and how the dog responded, by having this information recorded you can assist the vet in

charting the best course or the next step.

ITEMS TO INCLUDE IN YOUR LOG

- Medications and supplements given
- Any change in diet, in eating, urination, and defecation, habits or mood
- Names and dates of treatments (including a printout of the protocol being used)
- Side effects and reactions
- What attempts were made to counteract side effects
- What worked and what didn't
- How long it took for the remedy to resolve the problem
- Which team member (or other source) suggested the remedy
- Secondary illnesses

Treating Canine Cancer With K9 Immunity



The American concept of cancer treatment is to cut, burn or poison in an attempt to kill off the bad cells (cancer cells). Surgery, radiation and chemotherapy are the methods of choice, and up until recently the best we have had to offer.

While these may remain the only treatment options available in America, in most of the world another component is added to human cancer treatment. It is called Adjunctive Immune Support or Immune Modulation therapy. This is also proving to be one of the most promising frontiers in treating dogs with cancer. Immune support, along with conventional therapy, increases the effectiveness and results in higher remission rates.

Without the adjunctive immune modulation treatment, the recurrence rate is so high vets in America are hesitant to even use the word "Cure". They use the term "In Remission" instead because we know that that cancer is almost certain to return. Why? Because the same cause that allowed the cancer to start the first time is still present.

After all the chemo, and the radiation, and the surgery are over and done with, the underlying cause is still there. Wouldn't it be better to attempt triggering the immune recognition response along with the conventional therapy?

K-9 Immunity has been used in over 10,000 dogs with cancer, with outstanding success. Talk to your vet to see if immune modulation may help your pet, or you can order direct and get started today!

More K9 Immunity Success Stories

Our German Shepherd, Boo, was diagnosed with osteosarcoma in her left front leg in December 2006 at the age of 10. Surgery to amputate her leg was discussed, but was decided against due to her age, the fact that she had typical (German Shepherd) hip problems and would have difficulty learning to get around on 3 legs. We decided against chemotherapy since it does not cure the cancer - it just prolongs it. We decided to just bring her home, keep her as comfortable as possible (with the use of pain pills) and pamper her as best we could.

Within a month, she started quickly going downhill, to the point where she could barely walk. She was no longer able to hop into the car and go for rides. It became difficult just to get her in and out of the house just to do her business. Sadly, we began discussing the need to put her down since we couldn't bear seeing her in so much pain. A friend suggested we call an animal communicator, which we had never done before (we were very skeptical, but figured we had nothing to lose). All I really wanted to know was if she could tell me the extent of the pain my dog was in so I wouldn't have to feel so guilty about my decision to put her down. Amazingly, this person told us that our dog didn't realize how sick she was and that she wasn't ready to leave us. Although she was in a lot of pain, she was happy and still felt hope.

The next day I was surfing the internet looking for more information on osteosarcoma in dogs - trying one last time to see if there was anything else we could do to help Boo. I came across your company's website and read the articles about treatment (with and without surgery) and at the end it said "YES THERE IS HOPE". I nearly fell over!! I printed the information and faxed it to my vet. They reviewed it and told me they couldn't guarantee me it would work, but they assured me there was nothing in the treatment that would harm her. I immediately ordered the K-9 Immunity and Transfer Factor for overnight delivery. As soon as the package arrived, I administered the first dose. I mix three capsules at a time into baby food (chicken, turkey or beef - which has a high amount of protein) and Boo laps this mixture up three times a day. Once a day she chews the Transfer Factor wafer as if it's a treat! I feed her a high quality dry dog food and add chicken, turkey or hamburger to her meal for added protein.

I am happy to report that over a year later, we still have our beloved Boo! She didn't improve overnight, but we were able to see small improvements over time. She still has the lump in her leg, but not only does she walk on her own, she is able to run and hop into the car on her own!!! Occasionally, she does limp when she's overdone it, but a day of rest and she's back to being her normal, playful self.

My husband and I are extremely grateful to your company for developing this product. I firmly believe that the combination of your products and our love has given us this additional quality time with Boo. Although we don't know what tomorrow will bring - every day of this past year has truly been a gift!! Thank you.

-Carol

Hello,

As I received my regular order of K9 immunity today, I thought about how fortunate I am to have found your company and I just wanted to say thanks. Two years ago, my darling rottweiler, Dakota, was diagnosed with bone cancer and had one of her back legs amputated. After one year and many rounds of chemo, I was told that the cancer had spread to her lungs and that she had 3 months at most to live - that was 1 year ago.

I thank God that I found your company. Today, Dakota is a very healthy and happy dog and our vet has no explanation he can offer. But I don't need an explanation - I know why, K-9 immunity. Thank you so much for giving us another year with our dog - you will never know how much it means to us.

Sincerely,

- Jill

Hi,

I just wanted to thank everyone at Aloha Medicinals for such a great product.

On October 30th, 2005 our wonderful Lab mix, Brandie, was diagnosed with advanced bone cancer that had spread to her lungs. She was only 7 and my family was devastated. Our veterinarian prescribed some pain meds and told us she only had about month or so left to live. I found your site and decided to give your products a try....I had nothing to loose.

At the time Brandie started on your supplements she was listless and non weight-baring. But within just a week of starting her on K-9 Immunity and Transfer Factor we started to notice a profound change....her appetite was back and she was playing like a puppy again! Her quality of life improved so drastically that even our vet was stunned.

Because of your phenomenal products we were able to spend another 13 months with our beloved friend. Words can not express how thankful we are for that additional time. I truly believe that if we had caught the cancer earlier, and started K-9 Immunity sooner, we would've had even more time together.

We said goodbye to Brandie on December 8th, 2006. As difficult as it was to let her go, we are forever grateful to you and your products for helping our family friend. And I will gladly refer all our "Dog Friends" to your website as I sing your praises. :-)

Many blessings for a Happy Holiday and prosperous New Year.

Sincerely,

The Kallmeyer Family

Hi John,

I just wanted to give you an update on Holly. She has only been on K-9 Immunity for 2 weeks. I am so excited how she is feeling. On Saturday she actually begged to go for a walk, I mean jumping up and down like she used to (remember she has bone cancer in her leg). I didn't want to take her but I did let her out to roam and smell the trees as much as she wanted. She runs to the door to greet people like she used to do. When I took her to the Vet for a re-check she couldn't believe how frisky she was AND she has gained 5 lbs. She is eating whole foods such as hamburger, tuna, chicken and sardines. On top of K-9 Immunity and T-Factor I give her fish oil capsules, and a bone strengthener that the vet gave me and Metacam for pain.

Thanks for caring and spending time talking with me. I will keep you updated

- Nancy

Read More Success Stories at

<http://www.dogcancer.net/success.html>

Don't Delay Any Longer. Your Dog is Counting On You!

[Try K-9 Immunity Today](#)

<http://www.dogcancer.net/listall.html>

Or Call (877) 508-1077 - (Toll Free in the US)



The combination of K9 Transfer Factor and K-9 Immunity™ seems to have the most powerful effect in turning cancer around, as well as being very quick acting. Most dogs on this combination experience **dramatic improvements within the first ten days of use**. Once you see it for yourself, there will be little question of whether it is working or not.

We are so certain of the quality of our products that we offer Full 100% money back Guarantee! If you are not completely satisfied with your Aloha Medicinals purchase, you may return all unused product to us for a full refund.

Try K-9 Immunity. Doesn't your dog deserve the best?