

### Where do I purchase Dasuquin®?

Dasuquin is available only from your veterinarian. As your pet's health care professional, your veterinarian is best qualified to decide if Dasuquin may benefit your dog and can monitor your pet's response, making any adjustments necessary to the administration level.

### How is Dasuquin administered?

The recommended initial administration period is 4-6 weeks; however, some dogs may respond in a shorter period of time. If desired, the number of Dasuquin chewable tablets may then be reduced to a maintenance level.

Dasuquin for Small to Medium Dogs			Dasuquin for Large Dogs		
For dogs under 60 lbs.			For dogs 60 lbs. and over		
ADMINISTRATION			ADMINISTRATION		
Dog's Weight	Number of tablets/day		Dog's Weight	Number of tablets/day	
	Initial 4-6 week administration period	Suggested maintenance level		Initial 4-6 week administration period	Suggested maintenance level
Under 10 lbs.	1/2	1/2	60-120 lbs.	2	1
10-29 lbs.	1	1/2			
30-59 lbs.	2	1			

The tablets may be fed directly or crumbled and mixed with the food. For more detailed administration guidelines, please see package insert (84 count bottle) or 150 count label.



### What other products does Nutramax Laboratories, Inc. have for my pet?

In addition to Dasuquin®, Nutramax Laboratories, Inc. has other products that may be beneficial to your pet's health. The natural salmon oil supplement Welactin® provides omega-3 fatty acids to help support overall wellness (including organ, brain/nervous system, joint, and skin coat health) and Oxstrin® for maintenance of oxidative balance in dogs. In some cases veterinarians may recommend adding Welactin and/or Oxstrin to Dasuquin for additional joint support. Nutramax Laboratories, Inc. also has several products, including Denosyl®, Marin®, and the new combination product Denamarin®, to support liver health. Ask your veterinarian if your pet may benefit from any of these products, and visit our website or call us for more information.

Nutramax Laboratories, Inc.  
is a proud sponsor of these organizations:



\*Dasuquin® contains FCHG49® Glucosamine Hydrochloride, TRH122® Low Molecular Weight Sodium Chondroitin Sulfate, and NMX1000® Avocado/Soybean Unsaponifiables, Nutramax Laboratories® veterinary-exclusive proprietary researched specifications.

U.S. Patent Nos. 5,587,363  
and 6,797,289  
Additional Patent Pending

# DASUQUIN



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## VETERINARY-EXCLUSIVE FORMULA

# DASUQUIN®

A New Breed of  
Joint Health Supplement®



U.S. Patent Nos. 5,587,363 and 6,797,289  
Additional Patent Pending

### *What is Dasuquin®?*

Dasuquin from Nutramax Laboratories, Inc. is a joint health supplement for dogs that goes beyond standard glucosamine supplements. It contains NMX1000®\* avocado/soybean unsaponifiables (ASU), decaffeinated tea, FCHG49®\* glucosamine hydrochloride, and TRH122®\* low molecular weight chondroitin sulfate in a tasty chewable tablet. It is the most complete joint support supplement available.

### *What role do the glucosamine hydrochloride and low molecular weight chondroitin sulfate play?*

The combination of the trademarked FCHG49 glucosamine hydrochloride and TRH122 low molecular weight chondroitin sulfate supports cartilage production and helps block enzymes in joints that break down cartilage. These ingredients together have been shown in published studies to protect joint cartilage better than either ingredient alone. A greater than additive effect, known as a “synergistic” effect, on cartilage cells was seen using this glucosamine and low molecular weight chondroitin sulfate together.

### *What is ASU, and how does it work?*

ASU stands for avocado/soybean unsaponifiables, an ingredient concentrated directly from avocados and soybeans that is used for joint health. ASU has been shown to improve joint function and comfort levels. Studies using cartilage cells have shown that ASU lowers the expression or production of several compounds involved in the process of cartilage breakdown in joints. ASU complements the positive effects of the other active ingredients in Dasuquin. The glucosamine in Dasuquin is synergistic with low molecular weight chondroitin sulfate and has been shown in cartilage cell studies to be synergistic with ASU. *Of note NMX1000 avocado/soybean unsaponifiables, FCHG49 glucosamine hydrochloride and TRH122 low molecular weight chondroitin sulfate together were shown in cell studies to be better than the combination of glucosamine and chondroitin sulfate alone at inhibiting expression of several agents involved in the breakdown of cartilage.*

The highly absorbable tea is rich in antioxidants, which have a positive effect on cartilage as well as on overall body defenses.

### *How do I know if my dog needs Dasuquin®?*

It may be a good time to ask your veterinarian about Dasuquin if you notice that your dog slows down during walks, does not get up easily, or is reluctant to climb stairs or jump into the car. Your veterinarian will examine your dog to determine if he/she could benefit from Dasuquin. If your veterinarian has already recommended Dasuquin, the sooner it is started the more opportunity your pet will have to respond.

Your veterinarian may also suggest using Dasuquin as a protective measure. This can be important for maintaining an active life for many dogs, especially large breeds and working dogs of all sizes. Dasuquin may also be used to help support cartilage following joint surgery.

### *My dog has been taking a joint health supplement product.*

#### *How is Dasuquin different?*

Dasuquin is a joint health supplement containing the powerful ingredient ASU along with the optimal amount of glucosamine and chondroitin sulfate for your pet. ASU works along with glucosamine and chondroitin sulfate to support your pet's joints. In fact, cell culture studies have shown that the combination of glucosamine/chondroitin sulfate plus ASU works better than glucosamine/chondroitin sulfate alone. Tea is included for additional wellness support and benefits making Dasuquin the most comprehensive joint health formula available. Try it and see the difference in your best friend.

### *My dog's food contains glucosamine and chondroitin sulfate.*

#### *Do I still need Dasuquin?*

Yes. None of the foods contain the same researched combination of high quality ingredients in Dasuquin. The amount of glucosamine and chondroitin sulfate in dog food is minimal. Even if these diets contained high quality glucosamine and chondroitin sulfate, according to the amounts listed on the labels a dog would need to consume much more than a serving to obtain the amounts found in Dasuquin. In addition, both glucosamine and chondroitin sulfate may degrade when subjected to the heat or extreme pressure in the manufacturing process of commercial dog food.

### *What should I look for when giving Dasuquin?*

Observe your dog closely, and notice whether your dog seems more comfortable doing those activities he/she seemed reluctant doing or had some trouble doing previously. Changes in your dog's comfort level may occur gradually. Allow time for your dog to respond. It may take 4-6 weeks, though some dogs may respond sooner.

### *What else can I do for my dog?*

Your veterinarian may recommend exercise, which is important for optimal joint function as well as weight control and the overall health of your pet. Joint movement is needed to circulate fluid around the cartilage as well as to bring nutrients and to remove waste products. It has been shown that when joints are immobilized, cartilage structures deteriorate at a rapid rate. You should ask your veterinarian, but in most cases, moderate exercise is recommended. Walking on sand or another soft surface or even swimming will help circulate needed nutrients and reduce excessive stress to the cartilage. It is important not to push your pet but to exercise at a comfortable pace.

### *Are there any safety concerns with Dasuquin®?*

While sensitivity to avocados has been reported in a few dogs, taking Dasuquin tablets is not the same as eating whole avocados. The ASU in Dasuquin has been evaluated in a safety study in dogs, and no adverse effects were noted from administration. There are no known contraindications or known interactions between Dasuquin and any drug or nutritional supplement.

### *What strengths and sizes is Dasuquin available in?*

Dasuquin is available in two different strengths because one size does not fit all dogs. Dasuquin for **Small to Medium Dogs** has been optimized for dogs under 60 pounds. Dasuquin for **Large Dogs** contains a formula optimized for dogs 60 pounds and over. Both formulations are packaged in 84 count and 150 count bottles. The 84 count size is a convenient size for use during the initial 4-6 week loading period, while the 150 count economy size is more cost-effective and is ideal for long-term use. Dasuquin is also available in a formula with MSM (methylsulfonylmethane). Your veterinarian can advise you on which formula is best for your dog.