



Chinook Animal Clinic

9945 Fairmount drive SE – Calgary – AB – T2J 0S2

GLUCOSAMINE

Glucosamine is found naturally in the body made from glucose and the amino acid glutamine. Glucosamine is needed to produce glycoaminoglycan –a molecule used in the formation and repair of cartilage. Production of glucosamine decreases with age.

Glucosamine for Osteoarthritis

The first important concept is that not all products are created equal. Many products do not contain the amount of glucosamine it says on the label. It is important to find one that follows USP standards. Another important point is that glucosamine sulphate is not as effective as glucosamine HCL.

There are many good products available for your pet in chewable, liquid, and food forms ask us for details.



CHONDROITIN SULFATE

Chondroitin Sulfate is a naturally occurring molecule found in cartilage. It helps to give elasticity to cartilage and protect cartilage from the damaging effects of enzymes released during inflammatory responses. The effectiveness of Chondroitin Sulfate can vary depending on the particular formulation. Most products contain high molecular weight which is poorly absorbed in the gastrointestinal tract. Products with a low molecular weight are absorbed better. Combining it with manganese increases its effectiveness.



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PERNA CANALICULUS

Perna Canaliculus is known as green lipid mussel contains a unique combination of fatty acids not found in any other marine or plant life. One of these polysaccharides-glycoaminoglycans including glucosamine assist with the repair of damaged joint tissue. It has also been shown to provide effective pain relief. Sasha's blend is a formulation of green lipid mussel that is very effective in treating some pets with Osteoarthritis. It comes in powder form or convenient chews.



MSM

Methylsulfonylmethane is a naturally occurring sulfur found in the tissues of all plants and animals. Dietary sulphur is an essential ingredient of protein for collagen synthesis. Collagen is the most common protein in the body and is the main component of skin and bones. MSM is commonly used for its anti-inflammatory properties as well as offering pain control for pets living with Osteoarthritis.

HYALURONIC ACID

HA exists naturally in all living organisms. It is found in the greatest concentration in the synovial fluid of joints and its purpose is lubrication of the joint. It plays an important role in tissue hydration, and cellular function as well. The concentration of HA in a joint, decreases with osteoarthritis. When present in a joint – even a joint with minimal cartilage it can provide a cushion effect. Look for products that have a high molecular weight as they provide the best results for your pet.



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NSAIDS

Non –steroidal – anti inflammatory drugs are commonly used in practice for pets suffering with the pain associated with osteoarthritis. While these drugs are very effective in many cases in the management of this progressive disease, they are not without their side effects on internal organ function and the Gastrointestinal tract. When we put a pet on one of these medications we will monitor their blood work periodically to ensure the health of your pet and be sure of optimal organ function. Available in chewable tablets and flavoured liquids.

