

Veterinarian Recommended

SLIDE™

**Advanced Joint Lubrication
for All Canine Breeds**



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Advanced Joint Lubrication
for All Canine Breeds

- The most powerful canine joint lubricant & articular cartilage protection available today!
- 3,000 mg of joint and tendon supporting active ingredients per scoop.



**Now Your Best Friend Doesn't Have To
Live With Osteoarthritis & Joint Pain!**

WWW.SLIDEJOINTCARE.COM



For over 40 years canine joint supplements have remained virtually unchanged. SLIDE™ brings true, game changing innovation to the canine joint supplement market!

INTRODUCTION TO SLIDE™

As the pre-eminent, cutting edge joint supplement company in the world for people, dogs and horses, we are committed to sharing our intimate understanding of joint nutrition with others. Armed with the information herein you will be able to more effectively manage and prevent osteoarthritis and joint pain.

We also hope this information will help reduce the overuse of veterinary non-steroidal anti-inflammatory drugs (NSAID's) used to try and control joint pain. No pain medication will ever help preserve or protect joint cartilage or the synovial membrane surrounding the joint, nor will they maintain or increase synovial fluid production; which is the primary physiological process that prevents degeneration of articular cartilage.

As most people already know, the vast majority of joint pain is caused by osteoarthritis, which is basically 'wear and tear' of the articular cartilage that covers and protects the bone ends inside joints. Many think that osteoarthritis is a disease that only afflicts older animals and people, but that's not true; osteoarthritis can also manifest in younger animals and people, too.

When it comes to combating and preventing osteoarthritis the #1 mistake people make is that they WAIT until joint pain arises and the cartilage protecting the bone ends inside the joint has already been damaged before beginning a hyaluronic acid based joint supplement program. This is absolutely the wrong approach if you want to prevent cartilage degeneration. Preservation of existing joint cartilage is how you ward off and prevent osteoarthritis and joint pain. It is always easier to try and prevent a joint problem from occurring than it is to try and fix one.

Almost all canines, but especially large and medium size breeds, will eventually develop osteoarthritis and joint pain. So don't wait until your dog develops joint problems before putting them on SLIDE™. Start early. Preventing joint problems from ever occurring should be your goal.

WHAT IS SLIDE™?

SLIDE™ is a high molecular weight hyaluronic acid (HA) joint supplement originally formulated for combating cartilage degeneration and joint pain in racehorses. It is the leading hyaluronic acid supplement used today by equine owners and trainers. Reformulated for canine use, SLIDE™ now provides the same incredible therapeutic benefits for dogs suffering from osteoarthritis and joint pain. Literally within days of feeding SLIDE™ to your canine companion you'll witness a dramatic reduction in lameness and pain. Yes, SLIDE™ works that fast!

High molecular weight hyaluronic acid is the #1 ingredient needed by the body for maintaining the integrity of articular cartilage and creating lubrication inside joints. SLIDE™ provides your beloved canine companion with more hyaluronic acid per day than any other canine joint supplement you can buy.

SLIDE™ also contains collagen type II, the specific collagen found in articular cartilage and intervertebral discs of the spine. In clinical trials, collagen type II has been shown to be even more effective than glucosamine or chondroitin for combating joint pain and helping protect existing cartilage from degeneration.



SLIDE™ is the first & only canine joint formula to provide the top 3 proven compounds for joint health in the dosages required to achieve superior results and maximum protection from cartilage degeneration & joint pain.



If sufficient levels of lubrication are not maintained within the joint the cartilage will eventually be destroyed, resulting in joint inflammation & pain that will likely need to be managed with pain medication until the end of your dog's life.

Further combined with optimum daily amounts of glucosamine, SLIDE™ is the first and only canine joint formula to provide the 3 top proven compounds for joint health in the dosages required to achieve superior results and maximum protection from cartilage degeneration and joint pain.

UNDERSTANDING JOINT LUBRICATION

Synovial fluid, the viscous substance that lubricates joints and nourishes articular cartilage, is what truly prevents cartilage degeneration. Without sufficient joint lubrication there's greater friction on the ultra thin layer of cartilage that protects the bone ends inside joints. If sufficient levels of lubrication are not maintained within the joint the cartilage will eventually be destroyed, resulting in joint inflammation and pain that will likely need to be managed with pain medication until the end of your dog's life.

Think of synovial fluid as the oil inside your vehicle engine. The job of the oil is to protect the numerous moving parts inside the engine. However, it's primary role is to lubricate the cylinder walls so that wear and tear on the metal piston rings is minimized and/or prevented as the piston moves up and down providing power when the engine is running. Without enough oil there is greater friction on the piston rings and eventually the rings will wear down from lack of lubrication and need to be replaced. In humans, this would be the equivalent of undergoing joint replacement surgery.

WHAT CREATES SYNOVIAL FLUID?

Hyaluronic acid (also known as hyaluronan, hyaluronate or simply HA). This amazing compound naturally produced by the body is responsible for pulling water and other nutrients into the joint and creating the lubricant known as synovial fluid. Without hyaluronic acid the joint cannot produce synovial fluid.

Synovial fluid is made up of approximately 80% water and contains about 4 mg of hyaluronic acid per ml of synovial fluid in the prime of life. Unfortunately, as mammals age their natural internal production of hyaluronic acid declines. With less hyaluronic acid now in the body, there is less joint lubrication.

One molecule of hyaluronic acid absorbs an incredible 1,000 times it's weight in water; it pulls water and other important nutrients required for joint health into the joints like a magnet. Think of a single grain of rice attracting 1,000 other grains of rice to it; that's the incredible absorption power that hyaluronic acid has.

This is why veterinary and human joint injections of hyaluronic acid (hyaluronate sodium) work, because the hyaluronic acid draws water and other nutrients into the joint to increase synovial fluid levels. This in turn increases lubrication inside the joint; temporarily reducing joint pain and cartilage damage until the lubrication in the joint declines again and lameness returns...and another joint injection is required



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Of all the joint health ingredients available today there is literally no other nutrient more important for protecting cartilage & creating lubrication inside the joint than hyaluronic acid.

Shortly past the prime of a mammal's life (ages 4 to 8 in canines depending on breed) synovial fluid levels in the joint begin to dramatically decline due to diminishing natural production of hyaluronic acid by the body. In humans during the prime of life, which is considered to be ages 25 to 35, there is approximately 15,000 mg of hyaluronic acid in the body at any given time. Hyaluronic acid turns over quickly, meaning 5,000 mg is used up each day and replenished with 5,000 mg of new hyaluronic acid made by the body.

Unfortunately, at around age 50, the human body now has only 7,500 mg of hyaluronic acid in circulation; about half the amount it once had. This means that the synovial fluid inside your joints, as well as your skin (where 50% of all hyaluronic acid is found), intervertebral discs of your spine and your eyes, is about 50% less.

Insufficient levels of hyaluronic acid in your body as you age is the primary reason why you get joint cartilage degeneration, wrinkles and dry skin, or why the intervertebral discs of your spine begin to shrink and compress, resulting in herniated discs, sciatica, neck and low back pain, and why your eyesight also begins to decline, with many people requiring reading glasses. For those of you who are older and have some of these issues, remember in the prime of your life when you had none of those problems? That was due to your body making sufficient amounts of hyaluronic acid. Do you want to slow down and help prevent those problems? Then you need to take an hyaluronic acid supplement, such as SLIDE™ for people, that supplies your body with sufficient amounts of this incredible compound to bring your hyaluronic acid levels back up to - or close to - what they were in the prime of your life.

WHEN MORE IS ACTUALLY BETTER

If you research various hyaluronic acid supplements that are available on the human market today, most state on their labels to take 50 to 200 mg per day of this very short lasting ingredient. If you are age 50 or older and your body now has only 7,500 mg or less (hyaluronic acid levels keep declining as you age) from the high of 15,000 mg in the prime of your life, do you really think that taking 50 to 200 mg of hyaluronic acid per day is going to make a noticeable difference to aching joints? Or to your skin? Or intervertebral discs of your spine? Or your eyes? The answer is no.

Now apply the above scenario to an older dog that once had sufficient amounts of hyaluronic acid in it's body during the prime of it's life, but now has 50% or less. Do you think that a canine joint supplement that only provides a very small amount of hyaluronic acid (most canine joint supplements don't contain hyaluronic acid, and the ones that do only provide 5 to 25 mg per daily serving) is going to make a truly noticeable difference in canines suffering from joint pain? Or prevent cartilage degeneration and osteoarthritis? Again, the answer is no.

So what's the answer then? The answer is that the amount of hyaluronic acid ingested needs to be higher - much higher. There are no detrimental effects taking higher doses of hyaluronic acid because whatever the body doesn't use of this water soluble compound it will simply excrete. It does not get stored or built up in the body. You are simply adding to the amount made naturally by the body; think of it as "topping back up" if the amount the body is producing is low or insufficient.



Until the development of SLIDE™ there has never been a joint supplement – for people, dogs or horses – that provided enough hyaluronic acid to truly help prevent osteoarthritis.



Mobility is essential to the health & well being of our furry friends. With SLIDE™ you can rest assured that your dog is getting all the right joint nutrients to keep on going!

Simply put, the more free flowing hyaluronic acid there is available in the bloodstream the more hyaluronic acid will get inside joints (as well as the skin, intervertebral discs and eyes) to produce adequate amounts of synovial fluid to maximize joint lubrication and prevent cartilage degeneration.

Of all the joint health ingredients available today there is literally no other nutrient more important for protecting cartilage and creating lubrication inside the joint than hyaluronic acid. Absolutely nothing. Not glucosamine, collagen type II, chondroitin, MSM, vitamins, minerals, green lipped mussel or anything else. Hyaluronic acid is the key!

THE 3 KEY JOINT COMPOUNDS

1

HYALURONIC ACID

Easily the #1 ingredient your dog requires if you want to prevent cartilage destruction and maintain or increase joint lubrication. The high molecular weight (1500 kDa) hyaluronic acid in SLIDE™ has a purity of 99.9% and is biologically identical to what the body naturally produces.

What is interesting about veterinary injections of hyaluronic acid (hyaluronate sodium), which first became available in the early 1980's and are one of the most widely used therapies by veterinarians, especially in horses, for controlling cartilage degeneration and joint pain, is that most new treatments in veterinary medicine usually revolve around the creation of a new drug, or the repurposing of an existing drug. Uniquely, hyaluronic acid isn't a drug at all; it is a natural compound already made by the body that produces joint lubrication (synovial fluid).

Imagine that? A naturally occurring compound already made by the body works better than any drug for protecting the cartilage in the joint from destruction – and for controlling or eliminating joint pain.

You can't inject every joint in your dog with hyaluronic acid, and even if you could it wouldn't be cost effective or humane anyway. Continuous hyaluronic acid joint injections is simply not a viable long term solution or a preventative measure for osteoarthritis. But here's the good news, feeding hyaluronic acid to your dog in high enough dosages will help maintain or increase synovial fluid production in every joint. Remember, the body already knows what hyaluronic acid is. And it knows where to take it and exactly how to use it.

BIOAVAILABILITY

For any nutrient to create a health benefit in the body it must first be absorbed into the bloodstream from the gastrointestinal tract. If it can't get into the bloodstream then it can't get to the tissues and cells where it can be used. This is what bioavailability is and why it's important.

Of all the oral ingredients available for joint health today, water soluble hyaluronic acid has the very best bioavailability. At more than 90%, this equates to 90 mg out of every 100 mg of hyaluronic acid taken getting into the bloodstream. That's incredible bioavailability.

HALF-LIFE

After bioavailability, the second most important aspect of a nutrient is the length of time it remains in the bloodstream so it can be taken from the blood and transported to various tissues and cells to be used. In a perfect world, there is a continuous supply of nutrients in the bloodstream day and night for the body to draw from at any given time as needed or required.



Almost all canines will eventually develop osteoarthritis & joint pain. Don't wait until your dog develops joint problems before putting them on SLIDE™. Start early. Prevention is the goal!



Whether your dog is at work or play, you can count on SLIDE™ to provide maximum joint protection against osteoarthritis & joint pain!



For those who may be unfamiliar with what half-life is, it refers to the amount of time it takes for a pharmaceutical, nutraceutical, vitamin, mineral or other nutrient to fall to half its initial value in the bloodstream. The half-life of an ingredient is a key factor in determining whether it should be taken once, twice or even three times daily for optimal therapeutic benefits. Ingredients with a short half-life should be taken at least twice a day for best therapeutic results, while those with a long half-life can usually be taken just once a day.

The half-life of hyaluronic acid averages just 4 minutes. It has an extremely short half-life. For this reason, SLIDE™ should be given twice daily for best results. Feeding SLIDE™ twice a day ensures that a more continuous supply of hyaluronic acid is available in your dog's bloodstream for the body to draw from and use around the clock.

2

COLLAGEN TYPE II

After hyaluronic acid, collagen type II is the second most important ingredient needed for joint health. There are 5 major types of collagen in the body. The collagen found in joint cartilage is specifically collagen type II. It plays a major role in maintaining the structure and integrity of the cartilage matrix on bone ends inside joints. Interestingly, it also requires hyaluronic acid in order to do its job effectively.

First studied by Harvard Medical School back in 1993 and found to be effective at inhibiting cartilage degeneration and reducing joint pain, collagen type II has subsequently undergone many other clinical trials since then and been found to be even more effective than glucosamine or chondroitin at combating cartilage destruction and joint pain in those suffering from osteoarthritis.

BIOAVAILABILITY

There are several studies on the bioavailability of collagen type II. The average consensus is that the bioavailability of collagen type II is about 50%. We custom micronize the collagen type II in SLIDE™ down to a particle size of 150 microns. This tiny particle size allows for complete dissolution and further increases bioavailability.

HALF-LIFE

The half-life of collagen type II in existing joint cartilage is actually 117 years. Obviously, the collagen type II already in the cartilage has an extremely long half-life. That said, insufficient joint lubrication or high intensity exercise (running, jumping, etc.) can wear down the articular cartilage where collagen type II is found, compromising the existing cartilage. Supplementing collagen type II helps repair compromised cartilage within the joint to help maintain the integrity of the existing cartilage matrix.

3

GLUCOSAMINE

Glucosamine is an essential ingredient in the formation of proteoglycans. While hyaluronic acid is the main compound required for the production of synovial fluid, proteoglycans are responsible for trapping and retaining the synovial fluid inside the joint. When this matrix of proteoglycans weakens or declines the joint's ability to "lock in" synovial fluid decreases. This loss of synovial fluid then leads to less lubrication inside the joint and the cartilage protecting the bone ends within the joint begins to break down due to increased friction on the cartilage.



Once the cartilage in the joint has been destroyed & the joint is now 'bone-on-bone' there is not a supplement ingredient or pharmaceutical drug on earth that will ever regenerate or restore that lost cartilage!



**Put your best friend on a high potency
hyaluronic acid supplement like SLIDE™
well in advance of their golden years if you
want to ward off osteoarthritis & joint pain.**



BIOAVAILABILITY

At about 85%, glucosamine has excellent bioavailability. For every 100 mg of glucosamine taken about 85 mg makes it into the bloodstream.

HALF-LIFE

When you analyze the numerous studies on the half-life of glucosamine it appears to have a half-life of 2 to 3 hours. For this reason, glucosamine, like hyaluronic acid, needs to be given to your dog twice daily for optimum therapeutic benefits.

NOTE

All active ingredients in SLIDE™ have a purity of 99.9% and are custom manufactured to our specifications of 150 microns. This ultra fine micronization process creates tiny particles of the active ingredients to further increase bioavailability. The higher the number, the finer the molecular size of the ingredient. The majority of supplement ingredients are 40 or 80 microns. Think of 40 or 80 microns as being the size of kosher salt whereas 150 microns is a fine powder like icing sugar.

A WORD ABOUT CHONDROITIN & MSM

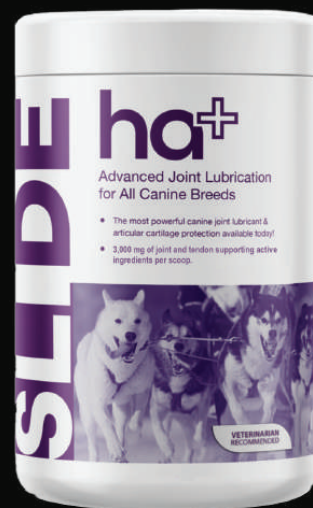
Glucosamine was introduced to the canine market in the late 1980's. When given orally in sufficient amounts each day many dogs suffering from joint pain did improve. The best results were achieved by canine owners who diligently gave their dog glucosamine twice a day instead of just once a day. This increase in efficacy seen with giving glucosamine twice daily versus once daily was due to keeping a more consistent supply of glucosamine in the bloodstream for the body to draw from.

Glucosamine products that included chondroitin and MSM soon popped up and this combination became a standard offering in numerous canine joint care brands. In our opinion, glucosamine, chondroitin and MSM does not provide much more, if anything, in the way of noticeable results in reducing canine joint pain or combating osteoarthritis than just glucosamine alone. They definitely don't increase synovial fluid production, that's for certain.

Canine owners will find that even without chondroitin and MSM in it's formulation that SLIDE™ is far superior to canine joint care supplements that contain chondroitin and MSM. Remember, most canine joint supplements don't contain the most important joint health ingredient, which is hyaluronic acid. And the ones that do don't have enough hyaluronic acid in them to truly provide therapeutic benefits.

For more information on our revolutionary family of SLIDE™ high potency hyaluronic acid supplements visit us online www.slidejointcare.com

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on Facebook and Instagram





As your dog grows older their own internal production of hyaluronic acid declines. Without adequate hyaluronic acid the joint can't produce enough synovial fluid to sufficiently lubricate joints & prevent cartilage damage from occurring.

PREVENTION IS THE CURE

When we developed SLIDE™ Advanced Joint Lubrication for All Canine Breeds our goal was to provide the millions of canine owners with the very best in joint nutrition for their furry family member – at an affordable price.

In order for most of us to take preventative action against a future cartilage or joint problem, the product must be COST EFFECTIVE; if it's not, the majority will not be able to afford to use it continuously. This is why we minimize our profit margins with SLIDE™...because we want you to take a preventative approach with your pet, just like we do with ours. Our dogs get SLIDE™ every single day, morning and night, and they live to a ripe old age with NO JOINT PROBLEMS.

We believe – and have 30 years of REAL WORLD use – that proper joint nutrition is the real key to joint health. In fact, optimal joint nutrition is THE ONLY WAY to help prevent osteoarthritis and joint pain – it CAN'T be done using drugs and pharmaceuticals. There isn't a single thing in our body, or that of our canine companion, that's made from ANY drug or medication.

The two major compounds that help create synovial fluid and form cartilage in joints, and the gel-like fluid and cartilage of the intervertebral discs of the spine, are hyaluronic acid and collagen type II. Those are the biggies. And only SLIDE™ provides those two nutraceuticals in the amounts required to see incredible results.



When it comes to increasing joint lubrication, minimizing cartilage damage & protecting your dog's joints, no canine supplement on Earth can rival the power & potency of SLIDE™!



- The most powerful canine joint lubricant & articular cartilage protection available today!
- 3,000 mg of joint and tendon supporting active ingredients per scoop.

VETERINARIAN
RECOMMENDED

* Highly Recommended By Veterinarians

“SLIDE™ is really going to help those sore, achy, painful joints, Old Boy!”



Global Leader in High Dose
Hyaluronic Acid Supplements