

PERQUE

Joint Guard™

POWERFUL NUTRITIONAL PROTECTION

NEED FOR JOINT GUARD

According to the American College of Rheumatology (2012), Americans' joints are in painful disrepair. The good news is that you can now do something about joint health that is proven more clinically effective than any other approach.* First, some facts:

- Over **27 million** Americans (12.1%) have Osteoarthritis (OA), our **leading cause of disability**. Joint degeneration **by age 25 is now common**.*
- By **age 75 almost** everyone suffers from reversible but diminished joint mobility and comfort.*

PERQUE Joint Guard is your natural solution for enhanced joint function. Enhanced repair, joint tissue renewal, pain relief, enhanced mobility, and an end to chronic inflammation are part of the **PERQUE Joint Guard** guarantee.*

Degenerative joint disease, or OA, typically occurs when cartilage is worn down, due to lack of essential repair rebuilding nutrients. Traditionally, non-steroidal anti-inflammatory drugs (NSAIDS) have been the only choice for symptom relief. Statistics put **annual deaths from NSAIDS at 20,000**, and the 2001 Physicians Desk Reference (PDR) notes that 15% of NSAIDS users experience **abnormal liver function or damage, and bleeding ulcers and intestinal permeability are 'common'**. NSAIDS act by inhibiting both the pain signals and the synthesis of cartilage building blocks. While temporarily helpful, this promotes cartilage loss. **In contrast, PERQUE Joint Guard uniquely supplies the full range of joint-building blocks and promotes pain relief quickly, usually within a few days rather than months (as is true for the best of other joint repair products).***

PERQUE UNIQUE, NATURALLY

The ingredients in **PERQUE Joint Guard** show over 20 years of clinical research successes. Only **PERQUE Joint Guard uses the active, fully soluble forms of glucosamine KCl, glucosamine sulfate, and chondroitin sulfate, plus the collagen-building flavanols (soluble OPCs) and molybdenum that are in no other product**. Each of the active agents in **PERQUE Joint Guard** is shown in research to help people with sports injuries and OA move pain free and with greater joint flexibility. By itself each nutrient is effective, but together they synergistically build and restore function at the cellular level.*

Glucosamines are building blocks of glycosaminoglycans (GAG) and proteoglycans (PG). This makes up the **shock absorber, water-binding structure of cartilage**. **Sulfate** activates its therapeutic effect. Unlike NSAIDS, which block proteoglycans synthesis, **glucosamine and its sulfate** address the causes of OA. This halts and reverses cartilage degeneration and supplies the biochemical tools to rebuild damaged cartilage as people feel better. Recent work reveals the synergistic benefits of the highly **active glucosamine sulfate (GS) and glucosamine KCL, combined only in Joint Guard**. Increased absorption and delivery of the

POTENT JOINT PAIN RELIEF
OVER 60 PEER-REVIEWED
STUDIES



active nutrients to cells means rapid pain relief and **faster gain of flexibility**.*

Soluble Chondroitin sulfate (CS), another joint-supportive, repair molecule, works synergistically with glucosaminoglycans to rebuild cartilage. It has repair promoting, anti-inflammatory properties, eases pain, helps heal wounds, and has been shown to be protective against heart disease. In studies on the anti-inflammatory effects of CS, patients moved joints more freely and without pain or the complications of NSAIDS.^{1*}



PERQUE Joint Guard also provides a unique combination of other nutrients for joint health:

- Soluble, solvent-free **OPC flavanols** for collagen formation **reinforces joint health.***
- Cellular detoxifier and cartilage repair mineral, **Molybdenum**, also helps repair by clearing the body of sulfitic and related toxic metabolites that interfere with repair and contribute to pain and fatigue.^{2*}
- Better results are due to purer ingredients and lack of contaminants, such as **fillers, binders, or excipients** that interfere with its uptake and action in the body.*

THREE PERQUE JOINT GUARD CAPSULES PROVIDE	
ENERGIZED NUTRIENTS	
Glucosamine sulfate HCl	900 mg
Glucosamine KCl	300 mg
Chondroitin sulfate (active, soluble)	225 mg
OPC (Soluble LMW ActiVin®)	45 mg
Molybdenum (as glycinate)	52 mcg
Magnesium (as C16 and C18 alkyls ¹)	6 mg
Kosher gelatin	351 mg
Vegetable fiber (organic croscarmellose)	367 mg
¹ from whole, untreated palm fruit and leaf	
OTHER INGREDIENTS: NONE	
WARNING Pregnant and nursing mothers need to check with their health professional before taking supplements.	TYPICAL DOSAGE As a dietary supplement, take three (3) capsules twice daily until comfort is fully restored then three (3) capsules daily for maintenance or as directed by your health professional.
U.S. Pat. No. 6,620,798	Available in bottles of 90 and 180 capsules.
Note: PERQUE Joint Guard uses the nutrient forms shown effective in research studies.	

RESEARCH SHOWS JOINT REPAIR

Glucosamine sulfate actually reduces osteoarthritis of the knee according to a randomized, placebo-controlled Belgian study appearing in Lancet, January 2001. The 212 study participants, all diagnosed with Osteoarthritis, receiving either 1,500 mg. of glucosamine sulfate a day or placebo, were scanned at the beginning of the trial and again at one and three years.*

After three years, both Osteoarthritis and related symptoms became worse in the placebo group. **No progression of Osteoarthritis** was found after treatment in the glucosamine sulfate group and patients experienced improvement in their symptoms. **Researchers concluded that glucosamine sulfate is useful as a long-term disease-modifying agent in Osteoarthritis.** ^{3*}

Important to note is a comment by Dr. Jean-Yves Reginster of the University of Liege that study findings cannot be extrapolated to other over-the-counter products where the amount of active glucosamine is unknown.*

Glucosamine sulfate also **outperformed NSAIDS** in studies comparing their impact on joint function. Head-to-head against Ibuprofen, after two weeks of treatment, GS not only showed more **improvement of symptoms but also was significantly better tolerated.** ^{4*}

1. McAlindon TE, LaValley MP, Gulin JP, Felson DT. Glucosamine and chondroitin for treatment of osteoarthritis: a systematic quality assessment and meta-analysis. JAMA 2000 Mar 15;283(11):1469-75.

2. Pavelka K, Gatterova J, Olejarova M, Machacek S, Giacovelli G, Rovati LC. Glucosamine sulfate use and delay of progression of knee osteoarthritis: a 3-year, randomized, placebo-controlled, double-blind study. Arch Intern Med 2002 Oct 14;162(18):2113-23.

3. Qiu GX, Gao SN, Giacovelli G, et al. Efficacy and safety of glucosamine sulfate versus ibuprofen in patients with knee Osteoarthritis. Arzneimittelforschung. 1998;48:469-474.

4. Reginster Jy, Deroisy R, Rovati LC, et al. Long-term effects of glucosamine sulfate on Osteoarthritis progression: a randomized placebo-controlled clinical trial. Lancet. 2001;27:251-6.

*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.



THE PERQUE GUARANTEE

Like every other **PERQUE** product, **Joint Guard** comes with a 100%, unconditional, money-back guarantee – the strongest guarantee in the natural health industry. This unique guarantee provides the assurance that:

- Every **PERQUE** product provides 100% potency and activity for its entire shelf life.
- Every ingredient used in a **PERQUE** product is pharmaceutical-grade or better.
- All **PERQUE** products dissolve rapidly (usually within 20 minutes), eliminating digestive irritation often found with other brands.
- Full label disclosure is provided for all **PERQUE** products — no hidden ingredients.
- Every **PERQUE** product is activated with the same transporters that are used by nature and in food to ensure full bioavailability. The biologically preferred form of an ingredient is always used for enhanced activity.
- Free of citrus, MSG, wheat/gluten, corn/zein/starch, dairy/casein/whey/ milk derivatives, yeast, soy, sulfate, phosphates (other than coenzymes), and preservatives.
- No genetically modified organisms (GMOs).
- Unique post-production assays and clinical bioassays assure product integrity.

YOUR QUALITY ASSURANCE

Every **PERQUE** product is produced following or exceeding the FDA's pharmaceutical GMP (Good Manufacturing Practices) regulations.