

گولیاں

جوائنٹ-کیئر®

گلوکوزامائن سلفیٹ یو۔ایس۔پی ۵۰۰ ملی گرام
کونڈرائٹن سلفیٹ یو۔ایس۔پی ۴۰۰ ملی گرام

ہڈیوں اور جوڑوں کی طاقت کے لیے

خوراک:

ایک گولی دن میں ۲ سے ۳ مرتبہ خوراک کے ساتھ لیں یا ڈاکٹر کی ہدایات کے مطابق استعمال کریں۔

ہدایات:

- * دوا کو ٹھنڈی اور خشک جگہ پر رکھیں۔
- * دوا کو گرمی، روشنی اور نمی سے محفوظ رکھیں۔
- * تمام دوائیں بچوں کی پہنچ سے دور رکھیں۔

پیشکش:

جوائنٹ-کیئر فلم کوڈ گولیاں (۱۰x۲) بلسٹر پیک میں دستیاب ہیں۔



Manufactured by:
Schazoo Zaka (Pvt) Ltd.
Kalalwala, 20-Km Lahore-Jaranwala Road,
Distt: Sheikhpura, Pakistan.

Tablets

Joint-Care®

Glucosamine Sulphate U.S.P. 500 mg
Chondroitin Sulphate U.S.P. 400 mg

For Osteoarthritis,
Cartilage degradation & joints pain

COMPOSITION:

Each film coated tablet contains:
Glucosamine sulphate U.S.P. ... 500mg
Chondroitin sulphate U.S.P. 400mg

CLINICAL PHARMACOLOGY:

Glucosamine sulphate:

Glucosamine is a naturally occurring substance made by the body that is used to maintain and repair the bones, joints and cartilage. Chemically, the glucosamine structure is an amino-monosaccharide and a substrate of glycosaminoglycans and proteoglycans. These are substrates of hyaluronic acid, a major component of joint fluid.

Healthy people produce glucosamine naturally in the body. Because one of the ingredients of glucosamine is glucose, a naturally occurring sugar classified as an amino sugar. However, glucosamine does not behave in the body as an energy source. Instead, it serves to blend sulphur into the cartilage and other body tissues. Glucosamine is involved in constructing nails, skin, eyes, bones, ligaments, tendons, heart valves, discharging mucous from the respiratory system, digestive system, and urinary tract. Glucosamine is one of the biological components that helps to create more support for the joints and helps to exert a protective effect against joint destruction in conditions associated with osteoarthritis.

Chondroitin sulphate:

Chondroitin sulphate belongs to a family of heteropolysaccharides called glycosaminoglycans (or GAGs). It helps for intake of fluids and nutrients into the cartilage. Chondroitin sulphate is a mucopolysaccharide (proteoglycan) found in most mammalian

cartilaginous tissues. It consists of repeating chains of molecules called glycans (GAGs). It is a major constituent of cartilage, providing structure, holding water and nutrients, and allowing other molecules to move through cartilage, an important property, as there is no blood supply to cartilage. It probably plays a more important role by combating and neutralizing destructive enzymes in the joint. Chondroitin sulphate is considered a beneficial co-factor because it provides the immediate presence of the principle GAGs of cartilage. In the compromised osteoarthritis joint, the pursuit of normalized cartilage metabolism is enhanced by ready-made molecules that are critical to the rehydration process. Many osteoarthritis sufferers have found a combined use to be beneficial. Like glucosamine, this has been considered as a possible modifier of symptoms in osteoarthritis.

Mechanism of action:

Biochemically, glucosamine is involved in glycoprotein metabolism. Glycoproteins, known as proteoglycans, form the ground substance in the extra-cellular matrix of connective tissue. Proteoglycans are polyanionic substances of high-molecular weight and contain many different types of heteropolysaccharide side-chains covalently linked to a polypeptide-chain backbone. These polysaccharides make up to 95% of the proteoglycan structure which helps in manufacturing of articular cartilage.

GAGs chains are fundamental components of aggrecan found in articular cartilage. Aggrecan confers upon articular cartilage shock-absorbing properties. It does this by providing cartilage with a swelling pressure that is restrained by the tensile forces of collagen fibers. This balance confers upon articular cartilage the deformable resilience vital to its function.

Pharmacokinetics:

About 90% of glucosamine administered orally as a glucosamine salt gets absorbed from the small intestine, and from there it is transported via the portal circulation to the liver. It appears that a significant fraction of the ingested glucosamine is catabolized by first-pass metabolism in the liver. Free glucosamine is not detected in the serum after oral intake, and it is not presently known how much of an ingested dose is taken up in the joints in humans.

INDICATIONS:

Joint-Care tablets are used for the treatment of all forms of osteoarthritis, cartilage degradation & joint pain.

DOSAGE & ADMINISTRATION:

One tablet 2-3 times a day with food or as advised by the physician.

CONTRA-INDICATIONS:

Glucosamine & Chondroitin sulphate are contra-indicated for those individuals who are hypersensitive to any component of this product.

PRECAUTIONS AND WARNINGS:

Joint-Care tablets should be used with caution for type 2 diabetes because glucosamine may increase insulin resistance. Therefore those with type 2 diabetes and those who are overweight and have problems with glucose tolerance should have their blood sugars carefully monitored if they use glucosamine supplements.

DRUG INTERACTIONS:

Glucosamine may increase insulin resistance and consequently affect glucose tolerance. Diabetics who, under medical advisement, decide to use glucosamine supplements will need to monitor their blood glucose and may need to adjust the doses of the medications they take to control blood glucose. This needs to be done under medical supervision. No other drug, nutritional supplement, food or herb interaction is known.

Pregnancy / Nursing mothers / Pediatrics :

Because of the potential for adverse effects on pregnant women and the nursing infant, a decision should be made whether to discontinue nursing or discontinue the drug, taking into account the importance of the drug to the mother.

SIDE EFFECTS:

Side effects are mild such as heartburn, epigastric distress and diarrhea. No allergic reactions have been reported including sulfa-allergic reactions.

STORAGE CONDITIONS:

- * Store in a cool and dry place.
- * Protect from heat, light and moisture.
- * Keep all medicines out of the reach of children.

PACKING:

Joint-Care film coated tablets are available in (2 x 10) blister pack.