

# Natural support for fluid movement

- RAW MATERIALS FOR JOINT HEALTH



**Joint-Tissu** is a combination blend of three very well known cartilage protective agents. These three substances have shown to assist in the repair and good health of the cartilage and joints. As of yet, there are no structure-modifying drugs that are able to alter the joint structure favourably, preventing the progression of osteoarthritis.

Glucosamine sulfate is an amino-sugar required for the production of connective tissue. Glucosamine sulfate is a constituent of glucosaminoglycans in cartilage matrix and synovial fluid. It has the potential to promote pharmacological actions in particular cartilage and joint tissues. It is obtained from the shells of crustaceans.

Glucosamine sulfate stimulates the growth of cartilage components for adequate joint function and also stimulates joint repair. Glucosamine sulfate plays an important role in the formation of nails, skin, tendons, bones and ligaments. Multiple short-term studies have demonstrated a significant symptom-improving effect of glucosamine sulfate as well as the safety.

Chondroitin sulfate consists of repeating chains of molecules called glycosaminoglycans. Extracted from beef, it is one of the most important components of cartilage, bones and tendons. It plays a major role in the repair of joint and cartilage tissue. It provides structure, hold water and nutrients. One important property of chondroitin is that it allows other molecules (nutrients) to move through cartilage. This is especially important, as the blood supply to cartilage is particularly poor. If nutrients cannot get to the damaged area then healing is unlikely to happen. Providing glucosamine speeds up the repair and renewal of damaged or worn articulating cartilage while chondroitin helps to neutralise the destructive enzymes and improve the quality of the synovial fluid.

Shark cartilage. The skeleton of sharks is almost entirely comprised of cartilage. Shark cartilage is rich in collagen, sulphur, protein, calcium, chondroitin, glycosaminoglycans (glucosamine-like compounds), and mucopolysaccharides. Glycosaminoglycans and mucopolysaccharides have both been described as natural anti-inflammatory agents. There are many components of shark cartilage that are known to exert beneficial effects on bone and joint health.

Studies have confirmed the beneficial effects of these three components in the repair of joints and cartilage. They also prevent damage to connective tissue and are considered of benefit to people suffering from rheumatoid arthritis or osteoarthritis. Joint-Tissu reduces inflammation and relieves pain.

**Each capsule contains:**

Glucosamine sulfate (sodium free) .....	500 mg
Chondroitin sulfate (90% by HPLC).....	166 mg
Shark cartilage .....	250 mg

Non-medicinal ingredients: Vegetable magnesium stearate and silicon dioxide, in a NON-GMO vegetable capsule composed of vegetable cellulose and purified water.

Contains no: Preservatives, artificial flavour or colour, egg, sugar, dairy, starch, wheat, corn, soy or yeast.

**Suggested use:**

As a dietary supplement, take 1 capsule three times daily with water or as directed by your health care practitioner.

**Keep out of reach of children.**

*Manufactured under strict GMP (Good Manufacturing Practices)  
New Roots Herbal at 1-800-268-9486 or [www.newrootsherbal.com](http://www.newrootsherbal.com)*