



Glucosamine Hydrochloride 150 mg,  
Chondroitin Sulfate 120 mg &  
Undenatured Type-II Collagen 40 mg

## COMPOSITION

**Flemo™ Plus:** Each capsule contains Glucosamine Hydrochloride 150 mg, Chondroitin Sulfate 120 mg and Undenatured Type-II Collagen 40 mg.

## PHARMACOLOGY

Glucosamine is a naturally occurring amino sugar of cartilage that provides the basic raw material needed by the body to manufacture joint cartilage. Chondroitin is another naturally occurring mucopolysaccharide of cartilage that stimulates cartilage production, inhibits cartilage destroying enzymes, draws fluid to the cells and helps lubricate the joints. Glucosamine and Chondroitin work synergistically together to help stimulate the production and regeneration of connective tissues (e.g., cartilage, bone, tendon, skin, mucous membrane, blood vessels etc.). Undenatured Type II Collagen is derived from chicken sternum cartilage using a patented, low-temperature, nonenzymatic manufacturing process that preserves the natural triple helix molecular configuration and its biological activity. Undenatured Type II Collagen molecules contain active binding sites called epitopes which trigger the process of oral tolerization. Through oral tolerization process, active epitopes of Undenatured Type II Collagen interact with Peyer's patches (lymphoid tissue) of small intestine to release collagen-specific regulatory T-cells. Collagen-specific regulatory T-cells then migrate to joint areas and prevent release of T-cells which are destructive for joint cartilage. It prevents the secretion of collagenase enzymes by macrophages responsible for breakdown of collagen in joint cartilage. It also slows the production of inflammatory cytokines resulting in reduction of inflammation, halting the erosion of joint cartilage and promote cartilage rebuilding.

## INDICATION

**Flemo™ Plus** capsule is indicated for- • Osteoarthritis • Rheumatoid arthritis • Joint pain & inflammation • Difficulties in flexibility & mobility • Joint discomfort & stiffness (knee extension) • Impaired joint function • Strenuous exercise & sports

## DOSAGE & ADMINISTRATION

Orally 1 capsule daily with water or as directed by the physician.

## CONTRAINDICATION

This combination is contraindicated in patients with known hypersensitivity to Glucosamine, Chondroitin, chicken or egg.

## SIDE EFFECT

Undenatured Type II Collagen, Glucosamine & Chondroitin are well tolerated in recommended dose. Side effects are rare and some may feel stomach problems.

## PREGNANCY & LACTATION

No studies have evaluated the use of Undenatured Type II Collagen, Glucosamine and Chondroitin during pregnancy or lactation. It should be taken with caution and medical advice during pregnancy and lactation.

## USE IN CHILDREN

The safety and effectiveness under the age of 18 years have not been established.

## DRUG INTERACTION

There is no known drug interaction with Undenatured type II Collagen, Glucosamine and Chondroitin.

## STORAGE

Store below 30° C, protected from direct sunlight & moisture. Keep out of the reach of children.

## HOW SUPPLIED

**Flemo™ Plus:** Each pack contains 30 capsules in Alu Alu blister pack.

Manufactured by  
**SQUARE PHARMACEUTICALS LTD.**  
HERBAL DIVISION  
BSCIC, Pabna, Bangladesh  
[www.squarepharma.com.bd](http://www.squarepharma.com.bd)

