



TGC® ACTIVE PRESS RELEASE

ACTIVE LIFESTYLE NEEDS ACTIVE JOINTS

There is very little awareness that our joints are eroding on a daily basis. We don't care for our joints as much as we do for other parts of our body. We use moisturisers, anti-wrinkle creams and sun block, amongst numerous other products to keep our skin supple and beautiful. We take calcium daily to keep our bones strong. We take so much care to maintain youthful appearance and good health, but seriously, what do we do to care for our joints?

Rarely do we realize how significant a role our joints play in our daily lives. Healthy joints allow us to move effortlessly; without pain, aches or discomfort. Little to our realization, we in fact move our joints more than 1 million times a day. We start moving various joints the moment we wake up, when we are moving around, eating, typing, exercising; the list goes on. Taking action now to care for our joints will reduce the onset of joint problems in the future, allowing us to continue enjoying the active lifestyle that we love!

Your joints need glucosamine to keep healthy. Glucosamine is a primary building block of cartilage tissue. Glucosamine also stimulates the production of synovial fluid, which lubricates and cushions our joints. As we age, our body loses its ability to synthesize (produce) glucosamine. Unfortunately, glucosamine is not found in our normal diet and so our joints eventually deteriorate if replacement glucosamine is not available.

TGC® (Transdermal Glucosamine Cream)

In 2004, Lynk Biotechnologies developed TGC® (Transdermal Glucosamine Cream) as the answer to many who are suffering from joint pain and discomfort as a result of damaged cartilage. Currently, two variants are available – TGC High Strength (TGC® HS) and TGC Plus Capsaicin (TGC® PC). TGC® PC contains an extra ingredient of capsaicin. Capsaicin is a natural analgesic used for pain relief.

Using Lynk's proprietary Transdermal Technology, TGC® can effectively deliver a high concentration of glucosamine sulphate salt (10% w/w) directly to joints. Since its launch, TGC® has been a huge hit with both senior folks and sportsmen suffering from joint injuries, helping them regain the joint mobility and flexibility they desire. We have a multitude of testimonials given by repeat users who unanimously agree on the effectiveness of TGC®.



TGC[®] Active - Keeps You Moving Everyday

Bearing in mind that caring for one's joints now will greatly reduce the onset of severe joint problems in old age, Lynk Biotechnologies has specially developed a new variant – TGC[®] Active - for those who wish to keep themselves fit and active even as they progress into their golden years. Using the same proprietary Transdermal Technology, TGC[®] Active effectively delivers glucosamine sulphate salt (5% w/w) directly to joints for daily maintenance of healthy joints.

TGC[®] Active promotes healthy joints to maintain your active lifestyle and when used regularly will help to ensure trouble free joints up to old age.

TGC[®] Active is available at Guardian, Watsons and Unity. It comes in a 75g tube and is reasonably priced at S\$28.

(Please refer to Annex A for more information on Cartilage and Lynk Biotechnologies' Transdermal Delivery Technology platform)

Visual Reference



TGC Active product shot

About Lynk Biotechnologies

Lynk Biotechnologies was spun-off from the National University of Singapore in 2000. It specializes in the development of innovative and effective healthcare products through the use of a proprietary Transdermal Technology platform. Lynk has a team of experienced scientists and a pharmaceutical GMP certified manufacturing facility.



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Annex A

How does cartilage protects our joints?

Our joints are protected by cartilage, a shock-absorbing, gel-like material that protects our bones at the joints. Healthy cartilage cushions the impact of the bones rubbing against each other and enables us to carry out our normal physical activities effortlessly and painlessly. However, with all these movements we make, our cartilage will gradually wear out and cause joint degeneration.

Osteoarthritis, the most common form of arthritis, results from a progressive degeneration of cartilage. This destruction of cartilage may be followed by the formation of large bone spurs in the joint margins, causing pain, deformity and limitation of motion of the joints.

Glucosamine is absolutely necessary to keep joints healthy. It helps to regenerate the cartilage that cushions the joints and absorbs the impact of everyday movements.

How does Transdermal Technology work?

Water-soluble drugs are normally not able to cross the skin as the skin is a natural barrier to water. Hence they are traditionally made in an oral form to be absorbed into the blood stream through our digestive system.

When consumed orally, these drugs get metabolised by the digestive system resulting in only a small proportion finally reaching the blood stream. Furthermore, high dosage of certain drugs may cause distress to our gastrointestinal tract.

Lynk Biotechnologies has developed a breakthrough transdermal delivery platform that enables water-soluble drugs to be carried through the skin directly into the blood stream.

Using this technology, glucosamine sulphate salt (a water-soluble compound) has been incorporated into TGC[®] Active for targeted delivery.