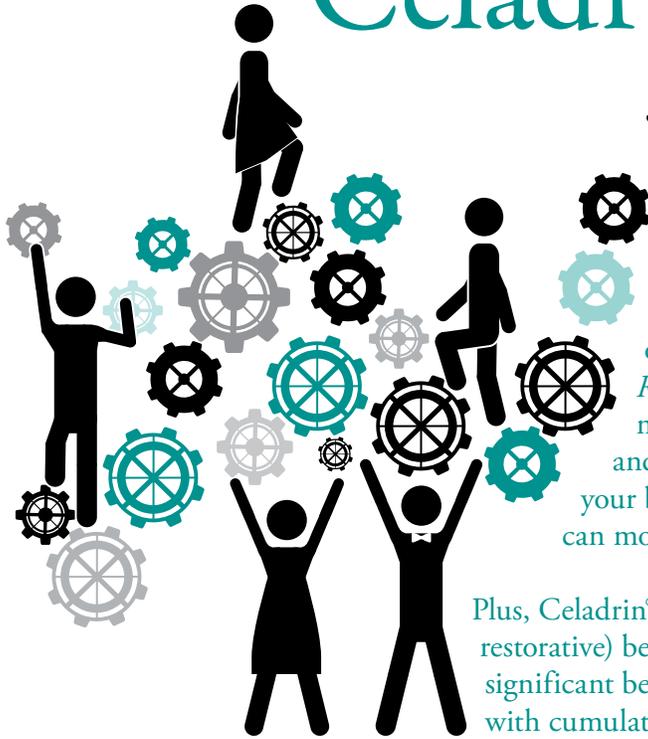


# Celadrin®

## *Joint Flexibility & Pain Relief*



Celadrin® is an innovative, all natural ingredient which has been medically shown to reduce inflammation and pain with no side effects. Along with its many studies and scientific presentations, Celadrin® has been published on two occasions in the internationally acclaimed *Journal of Rheumatology*. Celadrin® systematically enhances and lubricates cell membranes throughout the body providing youthful cell fluidity and elasticity. This includes the enhancement of fluids that cushions your bones and joints to maintain flexibility and mobility so that you can move with ease and pain free.

Plus, Celadrin® has been shown to provide *cumulative* (continuous and restorative) benefit. In a double blind clinical trial, oral Celadrin® showed significant benefit beyond the arthritic medication the subjects were taking – with cumulative improvement shown throughout the study.

### What is Celadrin®?

Celadrin® is made from a patented complex blend of special esterified fatty acids, derived from bovine tallow oil.

### Is Celadrin® safe?

Very safe. Over 100 million Celadrin® pills have been distributed to date with no known or reported negative reactions or side effects. Clinical studies have reported significant results without any side effects. The esterification process takes place at extremely high temperatures (over 500 degrees Fahrenheit). Scientific Acute Toxicity and Ames test screening have validated its safety.

### How does Celadrin® work?

Celadrin® helps decrease inflammation and lubricates cell membranes throughout the body. This restores fluids that cushion bones and joints to promote flexibility and mobility. Because of the reduction of inflammation delivered by using Celadrin® over time, the joints and surrounding tissue have an opportunity to promote healthy joints.

Celadrin® works similar to, but much more dramatically than the essential fatty acids EPA and DHA from fish oils. This patented complex blend of esterified fatty acids provide many vital and beneficial effects for the inflammatory responses in the body. Celadrin® induces changes at the cellular level, in the cell membranes which positively affect the responsiveness of the cell membranes. This aids in the reduction of cartilage breakdown in the joints.

### What are the studies behind Celadrin®?

Celadrin® has been clinically studied at various times with results published in the prestigious *Journal of Rheumatology* for both oral and topical applications as well as the *Journal of Strength and Conditioning Research*.



For oral application, Celadrin® was studied using a double-blind, multi-center, placebo-controlled trial (the most scientifically validated type). Sixty-four participants between the ages of 37 to 77 were given Celadrin® capsules and were evaluated at the beginning of the trial, at 30 days and at the end of the 68 day study. Compared to those given a placebo, those who were given Celadrin® had more flexibility, fewer aches, less pain and were able to walk further distances than the placebo group. The study therefore concluded that Celadrin®, when taken orally improved joint and mobility problems.

For topical application of Celadrin® cream, a study was conducted at the University of Connecticut, involving 42 patients with osteoarthritis of the knee. Participants used either Celadrin® or a placebo cream. Patients were evaluated before application of the cream, 30 minutes after, and then again following a 30 day treatment period. The cream was applied twice a day, morning and evening. The researchers evaluated physical function, postural movement, pain and range of motion. The test



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## Celadrin® *continued*

included how long it took the patient to get up and go from a chair, stair climbing, endurance, and mobility of the knee. The group receiving Celadrin® had outstanding results with reduced pain and stiffness, improved balance and strength and better mobility. 100% of the patients in the study showed significant benefit compared to the patients on the placebo. Even more exciting was that patients experienced a dramatic improvement in all aspects tested after only 30 minutes of applying the cream – with cumulative benefits occurring after 30 days.



An additional study, as an extension of this original study, confirmed earlier research showing improvement in elbow, wrist and knee mobility and significant reduction in pain.

### How do Cox-2 inhibitors compare to Celadrin®?

Cox-2 inhibitors (like Celebrex®, Vioxx®) were supposed to offer the pain killing features of aspirin without damage to the stomach lining. Instead, these drugs cause numerous side effects – including upper and lower G.I. bleeding. The whole class of Cox-2 inhibitors raises doubts about their safety.

When taking Cox-2s one only receives pain relief for a short period of time. Celadrin® helps relieve the stiffened membrane caused by aging, inflammation and other assaults. Restoration and joint health begins with Celadrin® where it has immediate and cumulative benefits, with no negative side effects. The safety profile of Celadrin® is impeccable. With Celadrin®, one is better off tomorrow and the next day than they are today. And it just gets better every day as Celadrin® addresses causation and not just the symptoms.



Celadrin® works on the cell membrane to allow rapid healing – you don't even need glucosamine to repair cartilage, Celadrin® provides the healing of the joint and surrounding tendons and tissues. One does not need the matrix of the bone to repair a broken arm – but with Celadrin® even that broken arm will be repaired faster, naturally. In summary, all Cox-2s inherently have serious and numerous side effects, particularly when taken daily.

### Does Celadrin® work like a Cox-2 inhibitor?

No synthetic Cox-2 inhibitors are very specific. In addition to producing inflammatory agents in the body, Cox-2 is required in the manufacture of prostacyclin, a very positive prostaglandin. Because Cox-2 uses up this protective prostaglandin this is likely the reason behind its negative effects. Celadrin® does not affect prostacyclin and therefore provides a safe, non-toxic anti-inflammatory action.

## How does Celadrin® compare to other natural joint products?

Celadrin®'s beneficial effects have been proven superior in results to Glucosamine, Chondroitin, MSM, SAmE and other natural joint health products. Celadrin® provides restoration of a wide range of joint health conditions including sports injuries to joints, muscles, tendons and deep tissue.

### Can Celadrin® work well with Glucosamine?

The cause of wear on the joint area can be attributable to inflammation as well as insufficient lubrication and cell membrane fluidity. Glucosamine assists in the rebuilding of cartilage and the overall structure of the joint and has shown moderate effects on people with osteoarthritis. Celadrin® provides continuous lubrication and allows the cell membrane to repel inflammatory chemicals. Celadrin® stops the cascade of inflammation and the assaults on the membrane which cause it to stiffen. *Celadrin® empowers glucosamine to perform faster and more efficiently in building joint cartilage as well as accelerating and promoting joint health.* The dual action of Celadrin® and Glucosamine provide rapid joint cushioning, quickly alleviate inflammation, build cartilage and restore the entire joint area.



### Does Celadrin® replace fish oils?

Although Celadrin® is a fatty acid it does not replace the need for Omega-3 fatty acids from fish oils or flaxseed oil. They are complementary and can be taken together, each having their own beneficial action.

### Which is better, Celadrin® in cream or pills?

Both oral and topical applications were shown to be equally effective in a separate study. It was proven that the Esterified Fatty Acids (EFAC) found in Celadrin®, could be absorbed into the body by either method (95.1% absorption rate through a University of Minnesota labeled study).

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### More for YOU in the TyH Online Health Library:

- ◆ *Celadrin®*, *Staying Flexible the Celadrin® Way*
- ◆ *Glucosamine*, *Still the One*

**Tender Points Lotion™ with Celadrin®**  
for your painful muscles & joints.  
TyH Code 421

