

Maori Miracle®- Your Joint Health Companion

Arthritic diseases can flow from a variety of sources. Arthritis may be a result of one's age or from injury or chronic musculoskeletal overuse. These diseases can also be caused by skeletal structural abnormalities, calcium build up and/or the formation of uric acid crystals in the joints. Immune system dysfunction and infection of the joint itself or an infection of the kidneys, heart, liver, thyroid or lungs can all contribute to arthritic disorders. There are more than a hundred different forms of this disease; all are labeled arthritis.

Therapeutx™ has developed a unique and superior arthritis formula (Maori Miracle®) designed to get you *back in the game!* Learn the facts!

Read what some professionals have to say about Maori Miracle® and the ingredients in this remarkable arthritis formula. The following text are excerpts collected in part from the work of Dr. William Campbell Douglass, Dr. Wei Liu, Tom Stokes BSc, researcher and author John Croft, Dr. James Meschino, author and doctor of chiropractic medicine Charles Cochran, and author and Dr. Mark Darrow.

WHAT MAKES MAORI MIRACLE® SO EFFECTIVE?

Not all Green Lipped Mussel is the same: There are several products on the market, which boast Green Lipped Mussel (GLM) content but not all GLM is processed the same or has the same properties as GlycoMarine? There are several "imitation" GLM products on the market, which do not have the beneficial properties of GlycoMarine. For those seeking relief by way of one of these imitation products, which have no therapeutic value whatsoever, this is quite simply a waist of money! Unfortunately, the customer is not able to tell by the appearance, smell or even the nutritional analysis whether the product is the genuine extract or simply freeze-dried (lyophilised) whole mussel meats ground into a powder. The only way the customer can be sure that they are getting the genuine product is by requesting it by the brand name, *GlycoMarine*™ as found in *Maori Miracle*®.

The reason that these imitation products (which are essentially just freeze dried whole mussel powder) do not perform the functions described for GlycoMarine, is that the anti-inflammatory activity of the mussel decreases at a rapid rate when the mussel dies. Additionally, if the extract is not stabilized during the extraction process it becomes nearly worthless. Thus, because mussel powders (as opposed to mussel extract powder) are made from frozen mussel meat, and in some cases, even from cooked mussel meat, the activity has been lost or destroyed. This fact does not show up in a nutritional analysis, but has to be established by a special bio-assay which has been specifically developed for proving that production batches of GlycoMarine have an acceptable level of activity. GlycoMarine is extracted solely from one type of mussel, a unique species of green lipped mussel (*Perna canaliculus*), found only on the Coromandel Coast in New Zealand.

There is one other mussel product currently being marketed, which is an extract. However, it contains only the lipid (oils and fats) fraction of the mussel, which have been solvent extracted, mixed with soybean oil, and presented in soft gelatin capsule form. Whilst this product will have some of the activity described for GlycoMarine, it has only one of the active fractions, which are present in GlycoMarine, and therefore, is less effective than the complete extract. To be safe, use Maori Miracle® because it contains pure GlycoMarine™

The benefit for animals (in particular dogs, since they have been the subject of the double blind animal studies) is even higher than that for humans. This may well be due to the fact that animals do not suffer quite the same psychological problems as humans, and therefore, have a lower incidence of unrelated stress factors competing with the treatment.

The level of success described by human subjects (success being a matter of degree) has been surprising. It has ranged from those who have just been able to open a jar or hold a pen again to professional surgeons who have been able to resume operating practices to musicians who have resumed playing again and wheelchair bound subjects who have been able to resume a more normal mobility. Because of the beneficial influence noted by athletes (subsequently demonstrated in a double blind clinical trial on athletes) some football teams now issue the product to the team as routine, to minimize joint or connective tissue damage and to reduce injury time away from the field!

(John Croft) - One of the reasons that I have been able to give this information with such confidence, is the fact that GlycoMarine has been subjected to a number of randomized, double blind clinical trials involving both human and animal subjects. These trials have taken place in hospitals and research centres in several countries including, the USA, United Kingdom, France, Japan, and New Zealand. Further, the results of the clinical studies have confirmed the evidence received in numerous, unsolicited, anecdotal reports from people all over the world. Many of these reports have come from countries where the product is not on the market, but has been sent there by friends and relatives in other countries who have already had experience with it. By the way, a summary of all the references to these studies, most of which have been published in reputable, peer-reviewed journals, is available to anyone who wishes to confirm the validity of my statements.

To generalize both the anecdotal and controlled clinical study results, they indicate a success rate of about 70% for rheumatoid arthritis and 40% for the osteo form in human subjects. It is only fair to point out that these success rates are not better than can be achieved with regular drug therapy. However, the big advantage of the GlycoMarine treatment is that none of the classical adverse side effects of drug therapy will be experienced. Also, the product can be taken continuously on a long-term basis (I have personal experience with my mother who has taken GlycoMarine for 18 years) with no ill effects. Now add the benefit of Myristin®, Kolla2® Hyaluronic Acid, and White Willow Bark Extract, (the other ingredients found in Maori Miracle®) and you have an unbeatable remedy for two of the most devastating forms of arthritis, osteoarthritis and rheumatoid arthritis.

Not all Cetyl Myristoleates (CM or CMO) are the same: Some products contain cetyl myristate but very little cetyl myristoleate (CMO). To be certain you are buying genuine cetyl myristoleate, look for the name *Myristin®* on the label as found in **Maori Miracle®**. Cetyl myristate is an ester of myristic acid, which is plentiful in vegetable sources and can be made cheaply due to the large quantities of myristic acid in nature, but is not as effective in lubricating your joints and treating arthritis as cetyl myristoleate. As a practical matter, almost all cetyl myristoleate is made by using myristoleic acid derived from fatty acids from the large-scale manufacture of oleic acid or other sources of bovine products. These fats are generally available and contain sufficient amounts of myristoleic acid.

Cetyl myristate is not the same as cetyl myristoleate. Unfortunately, some companies have marketed cetyl myristate with claims or labels that lead the consumer to confuse it with cetyl myristoleate; they are two very different products! Only cetyl myristoleate (*Myristin®* as found in **Maori Miracle®**) will offer superior and genuine benefit for treating arthritic symptoms. Many of the arthritis formulas on the market today, which boast their cetyl myristoleate content, have very little or no actual cetyl myristoleate in them at all. To be certain you are getting real cetyl myristoleate (CMO) demand *Maori Miracle®* because it contains genuine *Myristin®*, which has the highest content of authentic cetyl-myristoleate and offers safe effective long-term relief from arthritic symptoms with the added benefit of lubricating your muscles and ligaments. Cetyl Myristoleate and Cetyl Myristoleate supporting formulas such as **Maori Miracle®** with *Myristin*, appear to be beneficial in the treatment of a wide range of arthritic conditions. Dr. Chuck Cochran, who has worked extensively with cetyl myristoleate, says;

“In all my years of practice, I have never encountered any one nutritional product as exciting as cetyl myristoleate. True health comes from addressing the cause of disease and not just masking the disease by treating the symptoms. Cetyl myristoleate comes as close to treating the causes of inflammatory conditions as anything I've ever found.”

Dr. William Campbell Douglass explains the function of *Myristin®* (cetyl myristoleate) by saying: *“It is absorbed from the mid-intestine and then migrates to the joints where it attaches itself and alters the immune response to the pain and swelling.”* [Second Opinion, Vol. VI, No 5 May 1986]

Both rheumatoid and osteoarthritis respond equally well to *Myristin*, which is why both osteoarthritis and rheumatoid arthritis sufferers report striking improvement with cetyl myristoleate. *Myristin* (Cetyl myristoleate) seems to have the ability to normalize hyper-immune responses, thus the favourable results in treating autoimmune conditions such as rheumatoid arthritis. *Myristin* also functions effectively as a surfactant, or lubricant, and a powerful anti-inflammatory. The recommended protocol also provides natural synergistic nutrients that start immediately to help reconstruct damaged joint tissue.

Not all Collagens are the same: Hydrolyzed vs. Unhydrolyzed- Hydrolyzed collagen protein is pre-digested outside the body breaking down the amino acid chain by a process of adding synthesized enzymes and chemicals. It is then spray-dried into powder using very high temperatures. When chicken sternal cartilage collagen type II protein is exposed to high temperature, as is the case in the manufacture of hydrolyzed collagen, the delicate hyaluronic acid and sugar amino molecules become less effective. Furthermore, the hydrolysis process washes most of the lipid molecules away.

UnHydrolyzed Kolla2® as found in Maori Miracle® uses a low temperature process that ensures biological activity for maximum results. Advanced exclusive and patented technology extracts the Kolla2® from young chicken sternum cartilage yielding healthy active cells. No other collagen supplement does this. If you want the full benefit of a safe and effective arthritis remedy, be sure you are buying **Maori Miracle®**, which contains Kolla2 unhydrolyzed collagen type II. Laboratory testing has shown that the severe heat and acid steps necessary in hydrolysis can destroy the vital carbohydrate nutrients (mucopolysaccharides) including hyaluronic acid, glucosamine, and chondroitin. Kolla2® unhydrolyzed chicken sternum cartilage collagen type II as found in Maori Miracle® preserves a low-molecular weight structure as well as more of the important mucopolysaccharides. Kolla2® unhydrolyzed collagen type II leaves the long chains of amino acids intact, allowing the body's own superior natural enzymes to recognize the precise genetic code in the healthy active molecules for maximum assimilation. This provides chicken sternal collagen type II as a building block for the body to heal itself, especially in cases of osteoarthritis. The patented and exclusive low temperature process used in the manufacture of Kolla2 as found in Maori Miracle®, lowers the molecular weight for assimilation and is recognized as the building blocks for damaged cartilage.

The White Willow Bark Extract in Maori Miracle®; provides anti-inflammatory phenolic glycosides, such as salicin, which have been shown to be effective in the treatment of arthritis, back pain and other joint inflammatory conditions. These phenolic glycosides are known to inhibit cyclooxygenase, blocking the production of PG-2, and exert a mild analgesic effect.

Unlike ASA, naturally occurring salicin (salicylic acid) does not irreversibly inhibit platelet aggregation, reducing the potential for a bleeding disorder. White willow extract has been shown to be slower acting than ASA, but of longer duration in effectiveness. The usual dosage is 120-240mg of salicin, one to three times per day. (Note that 100mg of white willow extract at a 15 percent standardized extract of salicin content yields

15mg of salicin per dosage. A lower dosage can be used as part of a combination formula containing other anti-inflammatory agents, which has been done in the Maori Miracle® Joint Health Companion formula. Furthermore the white willow bark extract in Maori Miracle® has not been spiked with synthetic salicin as so many other willow bark extracts are; the willow bark extract in Maori Miracle® contains 15% natural salicin. It is important to realize that besides salicin, white willow extract contains other phenolic glycosides, which are also known to possess anti-inflammatory properties.
