

OsteoProcure and OsteoOmegacare is a highly advanced form of Calcium Orotate that has been combined with Magnesium. This combination efficiently delivers the maximum levels of calcium to help promote optimum bone and cellular health.

What is An Orotate?

Orotates are the mineral salts of a natural substance called orotic acid. It is found in your body and also in dairy products. It is believed that minerals and vitamins in orotate form act as superior transporters throughout the body. When a mineral is in an orotate form, it can pass through cell membranes easily without breaking apart so it can get to where it's needed most - joints, tissues, and cartilage.

How About Calcium Orotate? How Does It Differ from Regular Calcium?

98% of the calcium in your body is found in your bones. In fact, calcium is the most abundant mineral in your body. If your bones lose more calcium than they take in, you can lose bone mass and weaken your bone structure. Calcium orotate (because of its unique molecular structure) possesses the ability to penetrate bones, cartilage, and other tissue more effectively than regular calcium to help promote the recalcification of your skeleton.

This is a key point. You take calcium for one reason, receive it where it's needed to support optimal bone health. Most traditional forms of calcium (an estimated 70 to 80%) are flushed out of your system before they can be absorbed! Calcium Orotate is different because it's *highly* absorbable!

What Does Magnesium Do for the Skeleton?

Many people are experiencing Magnesium deficiencies. Why? Because of diets high in processed or fast foods! Magnesium promotes the proper absorption of calcium by your bones. Magnesium is also vitally important for a healthy cardiovascular system, for improved blood pressure, and for promoting a relaxed mood. Specifically, magnesium acts as a "transporter" to help push

calcium more efficiently through your cells so it can reach areas (bones, brain, cardiovascular system) where it's vitally needed.

About Dr Hans Nieper

Dr. Hans Nieper's theoretical explanations (of the mechanisms behind his stunning success in the clinical application of sophisticated mineral transporters) rely heavily on the concept of the fixed pore mechanism of active transport. The theory called "fixed pore mechanism" suggests a carrier molecule, in this case Orotic Acid (B-13), is attached to the compound being transported. This research has inspired the creation of mineral chelates called orotic acid chelates (or orotates) which offer a 20-fold increase in mineral utilization.

Nieper promoted orotates for nearly every ailment imaginable and was consequently ignored. Most of his medical claims were never rigorously tested. However, in certain applications (such as athletic performance) where his ideas underwent peer-reviewed, scientific scrutiny, they have been found to work! Nieper was on the right track after all.

Calcium and Magnesium was used by Nieper. The long-term clinical tolerance and overall value of calcium orotate is far superior to other therapeutic calcium substances and to the so-called immune depressors. Orotates are mineral salts of orotic acid which is used by plants and animals to make DNA and RNA. Prior to 1980, Hans Nieper, a physician and experimenter in offbeat theories of gravitation, used orotates in clinical applications. He believed orotate salts, being neutrally charged, pass easily through cell membranes. In effect, orotate ferries the mineral atoms into cells and tissues, thus producing higher concentrations.