# **METADICHOL<sup>®</sup> AND VITAMIN C**

How Metadichol,<sup>®</sup> the key ingredient to the MagicDichol<sup>®</sup> Family of Products, induces Vitamin C in the body.

## What is Metadichol and where is it available?

Metadichol is a patented nano-emulsion of policosanol manufactured in Switzerland. It has a particle size of less than 60 nanometers (nm), which is half the size of a human virus. It is the active ingredient in all three of the <u>MagicDichol Family of Products</u>:

NANO SOMA<sup>®</sup> Liquid, METASOMER<sup>®</sup> Topical Gel, and METASOMER<sup>®</sup> Telomerase Natural Skin Cream

### **Humans and Vitamin C**

About 40 millions years ago, humans lost their ability to produce Vitamin C. This is because humans universally carry a defective gene that can no longer produce the fourth of the four enzymes (gulonolactone oxidase) required to convert the sugars circulating through the liver into *ascorbate*, the scientific term for Vitamin C. Most other animals do this naturally, and they do not exhibit the common form of arterial and heart disease that humans do.

There is no drug that can make up for this shortage of Vitamin C, which **plays a role in a wide array of diseases,** including: cataracts, gall stones, aneurysms, allergy, vulnerability to viruses, anemia, arterial cholesterol plaque, hypertension, peripheral arterial disease, angina, sudden-death heart attacks and cancer. Yet better-designed drugs aren't needed.

## The Limitations of Supplemental Vitamin C

When you seek to increase Vitamin C in the body with external supplements, there is a threshold of how much the body can absorb before the kidneys begin to excrete the additional supplies. This quantity is about 500 milligrams. Many peer-reviewed publications show how **Metadichol prompts the body to** increase Vitamin C levels beyond what is achieved through supplementation.

## **Metadichol and Vitamin C: Increased Levels**

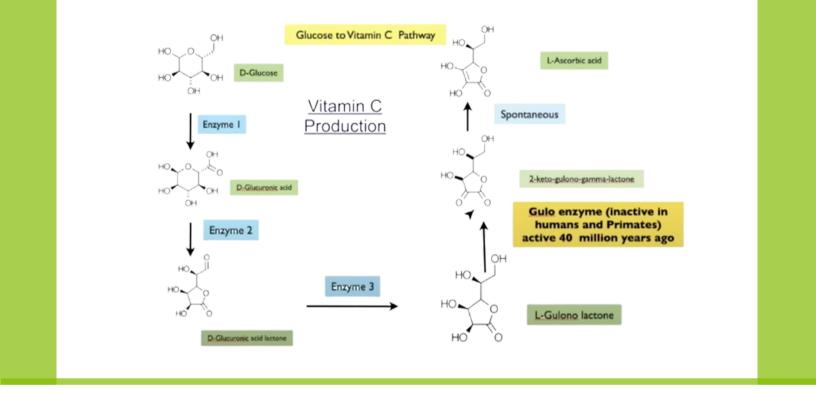
By contrast, when the body is prompted by Metadichol to produce its *own*, endogenous Vitamin C, much higher levels can be maintained in the body. This allows the body to undertake a series of mechanisms which support ideal health, as Vitamin C is required for the maintenance of normal connective tissue, wound healing, for the remodeling of bone, as a cofactor in the synthesis of epinephrine (adrenalin) and bile acids, as well as thyroxin (thyroid hormone) synthesis, amino acid metabolism, strengthening resistance to infection, aiding in the absorption of iron, and more.



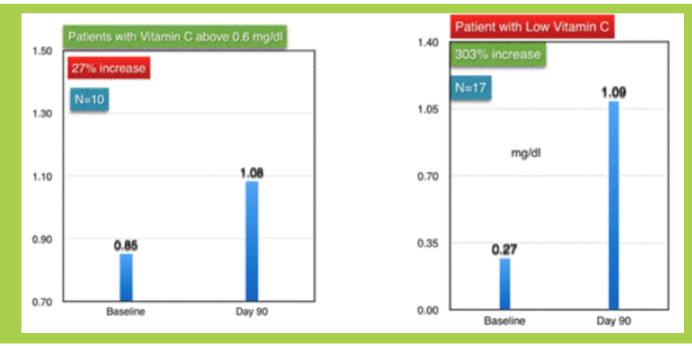
Raghavan PR (2017) Metadichol® and Vitamin C Increase In Vivo, an Open-Label Study. Vitam Miner 6: 163. doi: <u>10.4172/2376-</u> <u>1318.1000163</u>

## Is Metadichol actuating the dormant gene, 'GULO' to prompt the body to produce its own Vitamin C?

Below, Dr. Raghavan maps the potential pathway through which Metadichol may be activating the production of endogenous Vitamin C.



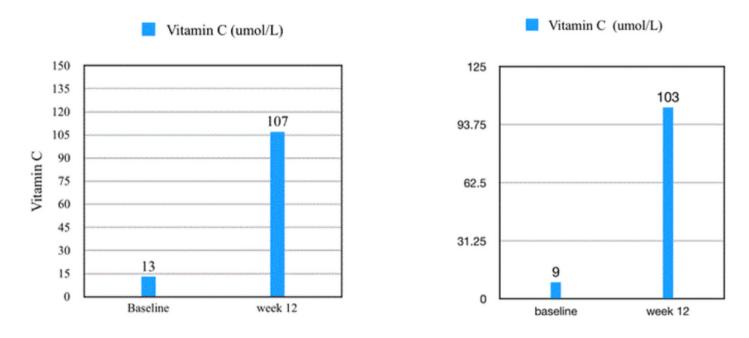
The below charts illustrate how Metadichol prompts elevated Vitamin C levels without any dietary supplementation.





## Metadichol Induced High Levels of Vitamin C: Case Studies

#### Raghavan PR (2017) Metadichol® Induced High Levels of Vitamin C: Case Studies. Vitam Miner 6: 169. doi: 10.4172/2376-1318.1000169



### In this study, Dr. Raghavan concludes: by prompting higher levels of Vitamin C in the body...

Metadichol improved in these patients TSH levels, normalized High Blood pressure, fasting glucose levels, reduced eosinophil count, high triglycerides, body fat reduction and increased bone mass, normalized sodium levels, reducing high insulin levels, increased creatinine output in urine and also reducing of Red Cell Distribution width %. Metadichol thus serves as a surrogate for Vitamin C at doses of 5 mg per day as opposed to mega doses that are currently used.

The patients tested on presented a wide variety of disease symptoms. The common theme was that in each case, there was a **significant increase** of endogenous Vitamin C- from 3 to 11 times -that led to a normalizing of key biomarkers for each patient.

## "A substance that interferes with normal system function is a drug. A substance that restores normal system function is a nutrient"

- Dr. PR Raghavan, developer of Metadichol

The MagicDichol Family of Products does not cure, treat, or heal anything. Rather, these products stimulate the body's natural healing mechanisms, which are far more comprehensive than most of us appreciate.

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