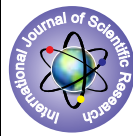


## Treatment of Diabetes Mellitus, Multiple Sclerosis and Other "Metabolic" Diseases With Citric Acid



### Medical Science

**KEYWORDS :** Cancer; treatment; diabetes mellitus, multiple sclerosis; citric acid

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#### ABSTRACT

*This work represents the possibility that Diabetes Mellitus and other metabolic diseases can be treated with citric acid based on clinical experience of patients with cancer and diabetes mellitus that improved both diseases by taking citric acid orally, and the response of patients with other diseases such as multiple sclerosis*

The hypothesis about the effectiveness of citric acid (citrate) as a cancer treatment was published since March, 2007 (1), and the demonstration of this hypothesis based on the scientific method with the first patient in history who gets cured from cancer only with citric acid as his treatment was published on May, 2009 (2).

I have already published 12 cases of patients with cancer who have improved impressively only with the citric acid treatment that they have received, considering that they are literally cured, including patients with medullary thyroid cancer (3), peritoneal mesothelioma (4) myeloid leukemia (5), Hürthle thyroid tumor (6), endocrine hepatic tumor (7), esophageal cancer (8), multiple myeloma (9), glioblastoma multiforme (10), pancreatic cancer (11) Non Hodgkin lymphoma (12), bladder cancer (13) and breast cancer (14).

It is already published in a scientific article the indications of how to manage citric acid to be effective as a cancer treatment (15), and I have prescribed to more than 2000 patients with cancer this treatment based on citric acid for 3 years, the problem is that the vast majority of them receive other cancer treatments, medical and alternative, and it is not possible to demonstrate with them the unique effectiveness of citric acid as a cancer treatment (16); the published cases mentioned (2-14) are patients who only received citric acid and they were cured of cancer.

Within this group of more than 2000 patients with cancer who have been cured with citric acid, there have been 12 patients with Type 2 Diabetes Mellitus while taking citric acid orally as is described (15) also improved their Diabetes, improving their levels of blood glucose and achieving reduce or discontinue administration of oral hypoglycemic agents and insulin, including the patient with pancreatic cancer published (11).

This finding can be explained by the effect of citric acid in mitochondria that I described in the original theory of cancer (1), citric acid is the natural inhibitor of the mitochondrial enzyme pyruvate dehydrogenase, mitochondria get stabilized with the citric acid administered, and patients can improve metabolically in general, and improve Diabetes Mellitus and other metabolic disorders that may be of mitochondrial origin, including autoimmune diseases, as described in the chapter published by Nova Publishers (17).

There is also the case of an adult male patient with multiple sclerosis that has remained neurologically stable for more than 2 years receiving immunosuppressive therapy and citric acid orally, without having the expected complications of this disease.

#### CONCLUSION:

These results, although only empirical, open up the pos-

sibility of treating diseases such as Diabetes Mellitus, type 1 and 2, with citric acid, and other metabolic diseases that have the same mitochondrial origin (17), particularly, autoimmune diseases (18), including multiple sclerosis, and, by its effect of stabilizing mitochondria (17), citric acid may also act as treatment of diseases of calcium metabolism, including Wilson disease and imperfect osteogenesis.

#### DISCUSSION:

This article describes the use of citric acid as a treatment for cancer, Diabetes Mellitus, other metabolic diseases and multiple sclerosis and is completely safe, and ethical.

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