



CITRIC ACID AS AN IMMUNOSTIMULATING TREATMENT.

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ABSTRACT

Due to its chemical properties, citric acid has been effective as an immunostimulating treatment in patients with cancer, in this work the possibility of studying this phenomenon for other diseases and health conditions is analyzed.

KEYWORDS : Cancer; treatment; citric acid; immunostimulating treatment.

The treatment for cancer based on citric acid published since March 2007 and already described as effective (1) has also shown immunological effects, with marked improvement in the vast majority of patients treated, although, empirically.

The 14 patients with cancer who have already been reported in the medical literature who have improved impressively only with the citric acid treatment that they have received, considering that they are literally cured, they also presented immunological improvement, including the patients with medullary thyroid cancer (2), peritoneal mesothelioma (3) myeloid leukemia (4), Hürthle thyroid tumor (5), endocrine hepatic tumor (6), esophageal cancer (7), multiple myeloma (8), glioblastoma multiforme (9), pancreatic cancer (10) Non Hodgkin lymphoma (11) bladder cancer (12), breast cancer (13), a patient with multiple myeloma remitted only in 10 days with the treatment of citric acid that she received (14) and the case of a patient with acute lymphoblastic leukemia in complete remission after 45 days of treatment with citric acid orally (15); these 14 patients with cancer also presented immunological improvement from the first days of taking citric acid, which was manifested as fewer propensities to present infections as well as better response to them with antibiotics or other treatments.

There was even a patient with cancer who improved from onychomycosis of fingers after taking citric acid orally and four patients with cancer reported decreased snoring during sleep, after also taking citric acid orally, considering that snoring could have immunological origin.

The effects of citric acid at the mitochondrial level in the Krebs cycle are those that explain its immunostimulant effect already described in the chapter published by Nova Science Publishers in 2011 (16).

CONCLUSION:

This evidence is enough to recognize that citric acid has immunostimulating effect in patients with cancer, so it opens the possibility to treat other diseases and medical conditions that occur with immunological depression also with citric acid orally, including any type of infectious diseases, as a complement to anti-infective treatments.

DISCUSSION:

This work is completely ethical, citric acid is a food.
There are not conflicts of interest or financial disclosures.

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