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### CASE REPORT

#### COMPLETE REMISSION OF ACUTE LYMPHOBLASTIC LEUKEMIA WITH CITRIC ACID AS A TREATMENT.

**Alberto Halabe Bucay.**

Fundacion "Dr Alberto Halabe" Prado Norte 460, Lomas de Chapultepec, 11000, Mexico.

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#### Abstract

This article describes the case of a female patient diagnosed with acute lymphoblastic leukemia who was treated with only citric acid when she was 14 years old, considered as a high risk diagnosis, and its complete remission after 45 days of treatment with citric acid.

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#### Case report:-

This is a 14 years old female patient who was diagnosed with precursor B acute lymphoblastic leukemia, on July 19, 2015, confirmed by a bone marrow biopsy performed at the Hospital Infantil de México "Federico Gómez", considered as high risk for age and leukopenia at the time of diagnosis, she began receiving chemotherapy and complete treatment for lymphoblastic leukemia, the last chemotherapy was on October 15, 2015. The treatment with citric acid that I indicated was started on October 20, 2015, 5 to 7 grams each day, as is described in my article (1) which was her only treatment.

The general conditions of the patient begins to improve in all aspects, and 45 days after starting the treatment with citric acid, on December 4<sup>th</sup>, 2015, the patient's hematological biometry performed by flow cytometry reported hemoglobin 15.1 g/dl, total leucocytes 6,200 per mm<sup>3</sup>, with 59.5% of neutrophils, 33.7% of lymphocytes, 5.4% of monocytes and 1% of eosinophils, without lymphoid blasts and 234,000 platelets.

The report of all normal haematological values, hemoglobin, leucocytes and platelets as well as the absence of peripheral lymphoid blasts determined by flow cytometry is confirmation of remission of leukemia, particularly precursor B acute lymphoblastic leukemia (2).

#### Conclusion:-

I have already reported 13 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 a patient with medullary thyroid cancer (3), patients with 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), breast cancer (14) and a patient with multiple myeloma remitted only in 10 days with the treatment of citric acid that she received (15); this case of remission of acute lymphoblastic leukemia only with the treatment of citric acid received will be the 14th reported worldwide..

**Corresponding Author:- Alberto Halabe Bucay.**

Address:- Fundacion "Dr Alberto Halabe" Prado Norte 460, Lomas de Chapultepec, 11000, Mexico.

All this undisputed evidence is enough to recognize that citric acid is effective as a cancer treatment, based on the Scientific Method of Claude Bernard.

### **Discussion:-**

This work is completely ethical, citric acid is a food.

There are not conflicts of interest or financial disclosures.

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