



## Case Report: A Patient With Pancreatic Cancer Who Improved After the Treatment with Citric Acid That She Received

### KEYWORDS

Pancreatic cancer; cancer; treatment; citric acid

**Alberto Halabe Bucay**

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

### INTRODUCTION

The hypothesis that citric acid (citrate) is effective as a cancer treatment has been published in Medical Hypotheses, by Elsevier, since March, 2007 (1). Two years later, in the same journal, was published the first patient with cancer who improved only with citric acid as a cancer treatment (2), whereby the hypothesis that the citric acid is effective as a cancer treatment is demonstrated, based on the scientific method, and now, in this article, demonstrating once again that citric acid is also effective for pancreatic cancer.

### CASE REPORT

This is a 78 year old female patient who was diagnosed with cancer of pancreatic head with liver metastases on March, 2015, the biopsy was performed by endoscopic procedure and the pathology report was adenocarcinoma.

The patient received three cycles of chemotherapy with gemcitabine, but it was reported by imaging that the tumor of the pancreatic head and the liver metastases increased in size, on May 6, 2015 a CT scan of the abdomen reported the size of the tumor of pancreatic head in 33 x 34 mm and also reported the presence of four liver metastases of 14 to 18 mm in diameter in addition to periportal lymphadenopathy.

The patient decides to stop receiving chemotherapy, only was placed a plastic biliary drainage catheter, she began to lose weight and generally deteriorate. On August 19, 2015 blood studies reported albumin 3.1 g / dl, hemoglobin 9.2 g / dl and lactate dehydrogenase 467 IU, she started taking citric acid on September 11, 2015, 4-5 grams per day as is already reported (3), the clinical outcome was favorable, but the more important fact was that 12 days after starting treatment with citric acid the albumin was increased to 3.6 g / dl, the hemoglobin increased to 11.7 g/dl without receiving transfusions and the and lactate dehydrogenase decreases to 256 IU.

The patient continued to take the citric acid in the same way every day, and, on November 13, 2015, blood sample in the same laboratory reported albumin 3.9 g / dl, hemoglobin 14.7 g / dl without receiving transfusions, and normal lactate dehydrogenase: 204 IU.

Albumin and hemoglobin have prognostic and predictive value in cancer in general, and lactate dehydrogenase is considered as a tumor marker, and all this biochemical improvement could only be due to the citric acid that the patient received as her treatment for cancer.

We also conducted to the patient an abdominal ultrasound the same November 13, 2015, which reported only inflammation of the pancreas head due to the presence of the plastic catheter but the liver metastases and the periportal nodes reported by CT scan disappeared, and I repeat, the patient received only citric acid as the treatment for her pancreatic cancer, her general condition is excellent, she has regained her weight, her appetite and her strength.

### DISCUSSION

This is the first report in History of a patient with pancreatic cancer which improved as impressive with a cancer treatment, in this case, citric acid, which it should be considered as a cure for cancer.

### CONCLUSION

I have already published 9 consecutive cases of cancer patients who have improved impressively only with the citric acid treatment that they have received, including patients with medullary thyroid cancer (2), peritoneal mesothelioma (4) myeloid leukemia (5), Hürthle thyroid tumor (6), endocrine hepatic tumor (7), esophageal cancer (8), multiple myeloma (9), glioblastoma multiforme (10), and colon cancer (11), this patient with pancreatic cancer will be the 10th case reported about the effectiveness of citric acid as a cancer treatment.

There are not conflicts of interest or financial disclosures.

### REFERENCE

- (1) Halabe Bucay A. The biological significance of cancer: Mitochondria as a cause of cancer and the inhibition of glycolysis with citrate as a cancer treatment. *Med Hypotheses* 2007;69(4):826-828.
- (2) Halabe Bucay A. Hypothesis proved... citric acid (citrate) does improve cancer: A case of a patient suffering from medullary thyroid cancer. *Med Hypotheses* 2009;73:271.
- (3) Halabe Bucay A. Proposal: Development of a protocol based on clinical experience with patients with cancer who have improved after taking citric acid orally. *Indian J Appl Res* 2015;5(6):810
- (4) Bucay AH. Clinical report: A patient with primary peritoneal mesothelioma that has improved after taking citric acid orally. *Clin Res Hepatol Gastroenterol* 2011;35:241
- (5) Halabe Bucay A. Report of a patient with leukemia who improved after taking citric acid orally. *Glob Adv Res J Med and Medical Sci (GARJMMS)* 2013;2: 280-281
- (6) Halabe Bucay A. Case Report: A patient with a thyroid tumor that was reduced more than 50% after taking citric acid orally. *Int J Curr Med Res* 2014;3: 028-029
- (7) Halabe Bucay A. A patient with endocrine hepatic tumor who improved after taking citric acid orally. *Int J Innovat Applied Res* 2014;2:16-17
- (8) Halabe Bucay A. Pathological report of a patient with cancer of the esophagus improved considerably after receiving citric acid orally. *Glob Adv Res J Med and Medical Sci (GARJMMS)* 2014;3:159
- (9) Halabe Bucay A. Remission of multiple myeloma after receiving only citric acid orally. *Glob Adv Res J Med and Medical Sci (GARJMMS)* 2014;3:223-224
- (10) Halabe Bucay A. A patient with glioblastoma multiforme who improved after taking citric acid orally. *Int Res J Basic Clin Stud* 2015;3(1):35-37
- (11) Halabe Bucay A. Case Report: A patient with metastatic colon cancer who improved after the treatment of citric acid that he received. *Int J Appl Res* 2015;5(9):260