

The Growing State of Integrative Medicine



Today, more and more doctors are utilizing bio-nutritional therapies in treating diseases. In fact, The Journal of Clinical Oncology recently reported that 83% of cancer patients are using at least one form of complementary therapy as part of their treatment regimen.

Hematologists are using vitamin B-12 to treat pernicious anemia; immunologists are putting tuberculosis patients on high-protein diets; cardiologists know vitamin E helps patients after bypass surgery. And now, oncologists across the globe are discovering the benefits of our scientifically supported protocol, Controlled Amino Acid Therapy (CAAT).

Numerous studies published over the past several years support the concept that, what is considered "good nutrition", can actually fuel growth in most cancers and diets that deprive the body of certain amino acids and carbohydrates, can cause cancerous tumors to stop growing, regress and/or disappear.

Remember...

This is not about getting cancer; this is about having it, managing it and how to live. Cancer isn't just fought with medicine, surgery and technology. It is also fought with will power, determination and an ever-strong spirit.

Become informed, ask questions, talk to your doctors, learn all you can about your cancer, know what resources are available to you, because the more you know, the more effective your fight will be. **Knowledge is power, determination is power.**

**When considering any type of integrative therapy always consult with your physician first, as possible interactions could reduce your regimen's efficacy.*

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**Controlled Amino Acid Therapy
(CAAT)**

A Promising
**BIO-NUTRITIONAL
THERAPY**

That Safely
Fights Cancer



What is CAAT?

CAAT is a promising biological weapon in the war against cancer. It strategically and scientifically utilizes the chemical reactions and interactions between amino acids, foods and nutritional supplements to alter or impair the development of cancer cells. CAAT achieves this goal by interfering and blocking the five basic requirements of cell formation (structure, energy, blood vessels, growth hormones and functions) through an amino acid and carbohydrate deprivation protocol. The CAAT protocol utilizes only scientifically formulated amino acids to arrest the growth of tumors and cause them to regress.

The CAAT regimen is always personalized and designed to meet the unique needs of each patient, thus the degree of carbohydrate restriction, amino acids and supplements will be different for each person.

The CAAT regimen is followed for approximately six to nine months and administered while under the care of your doctor and in the comfort of your home. CAAT works synergistically with chemotherapy and/or radiation, and, in many cases, has even been proven effective alone.

One of the special qualities of the CAAT program is that it may be utilized at any point during conventional treatment. Patients have used CAAT successfully before, during and after chemotherapy, radiation and surgery.

The flexibility and ease of the use of the CAAT regimen makes CAAT one of the most promising anti-cancer bio-nutritional treatments available today.

Important Studies Supporting CAAT

Dr Albert B. Lorincz of the University of Chicago conducted several trials with cancer patients, reducing tumor size in most of them who were fed a formula reduced in certain amino acids, the treatment employed by CAAT.

Lorincz, A.B. Kuttner, R.E., Tumor inhibition limiting amino acid diets. (Abstr.) Journal American Medical Association. 1967;200:211.

Dr. Demopoulos reports inhibition of growth of melanomas and other cancers both in vivo and in vitro with diets reduced in the amino acids, tyrosine and phenylalanine.

Demopoulos, H.B., Selective inhibition of humanpigmented melanomas, in vitro and in vivo, through tyrosinase inhibition. Fed. Proc. 1965;24:494.

Dr. Lee and others have shown that cancer cells enter apoptosis when deprived of glucose, a part of the CAAT protocol.

Lee Yong. Dominant-Negative Jun N-Terminal Protein Kinase (JNK-1) Inhibits Metabolic Oxidative Stress During Glucose Deprivation In A Human Breast Carcinoma Cell Line. Free Radical Biology & Medicine 2000;28:575-584.

Dr. Yukki and others report favorable results in treating leukemia with a diet low in phenylalanine.

Yukki, K., Trachikawa, T., Hirata, M., Ando, R., Nakashima N., Sata, T., and Nomura, H., Low-phenylalanine diet therapy for chronic myelogenous leukemia. Eiyogaku Zasshi 1966;24:195.

Research by Dr. Marco Rabinowitz of the National Cancer Institute shows that amino acid deprivation, such as Controlled Amino Acid Therapy (CAAT), inhibits phosphofructokinase, shuts down energy supply to cancer cells and thereby enhances the benefits of chemotherapy.

Rabinowitz M. Consequences of amino acid deprivation in combination chemotherapy. Journal of the National Cancer Institute 1995;87:142.

Questions You May Have:

Q: Can CAAT help my type of cancer?

A: All cancer cells regardless of the type survive through the same biochemical processes. CAAT interferes with these processes, starving the harmful cells of the fuel they need to survive. This explains why CAAT is useful against all types of cancer. Because every individual's tumor and body chemistry is unique, CAAT is customized and designed to meet each patient's needs.

Q: At what stage should I include CAAT in my treatment plan?

A: CAAT has proven to be effective at all stages of cancer treatment; however we recommend patients begin therapy as early as possible. Newly diagnosed patients have used CAAT while receiving chemotherapy, enhancing its benefits while also helping to alleviate some of its unpleasant side effects. CAAT has also been used alone to help patients who are not responding to traditional medical treatment. CAAT has also been used in combination with radiation to shrink tumors before surgery. Each case is different, so an open dialog with your physician is vital in considering CAAT for your treatment plan.

Q: How do I get started with CAAT?

A: You can call the A.P. John institute for Cancer Research at toll free 877-661-2228 or visit our website at www.apjohncancerinstitute.org to get a better understanding of the treatment protocol. If it seems like CAAT is right for you then you need to discuss incorporating CAAT in your treatment regimen with your physician.

Q: Do I need to visit The A.P. John Institute for Cancer Research in Connecticut to receive CAAT treatments?

A: No. After a thorough intake your personalized CAAT regimen is designed for ease of administration and supplied with detailed instructions. We are always available for telephone support and utilize weekly telephone consultation as part of our treatment plan. If you desire you may visit the institute for a personalized consultation. However, less than 5% of patients find it necessary to visit the institute.