

CANCER & DEGENERATIVE TREATMENTS WITH LIPOIC ACID MINERAL COMPLEX (LAMC)



Other names: DNA Reductase, PdLA, Poly-dox, Lipoic Complex, Poly-MVA

Lipoic Acid Mineral Complex (LAMC) serves as a significant part of integrative and complementary approaches to cancer and metabolic dysfunction, both as a standalone therapy as well as an adjunct to traditional or integrative therapies. LAMC has been shown to be very safe and effective, and many practitioners in the US and abroad continue to see positive results in integrating it into many types of patient protocols, even when working with Stage 4 and terminal diagnoses.

The unique properties that make LAMC effectual with cancer have also shown to be useful in many other health challenges, including:

- ✓ Ischemia, stroke & hypertension
- ✓ Chronic fatigue (from cancer & its treatments, multiple sclerosis and other neurological disorders, etc)
- ✓ Decreased energy
- ✓ Cellular metabolism
- ✓ Cognitive and emotional functions
- ✓ Mitochondrial dysfunction
- ✓ Appetite concerns
- ✓ Cellular damage
- ✓ Nerve/neurotransmitter functions
- ✓ White blood cell functions
- ✓ Specific quality of life issues
- ✓ Cellular & tissue oxygenation
- ✓ Radiation protection
- ✓ AIDS
- ✓ Myocardial support
- ✓ Endometriosis
- ✓ Parkinson's
- ✓ Alzheimer's
- ✓ Diabetes
- ✓ Lyme Disease
- ✓ Metabolic dysfunction
- ✓ Cachexia
- ✓ Fibromyalgia
- ✓ Neuropathy

Laboratory research and clinical research continue to support LAMC's effectiveness in assisting with many degenerative diseases and related conditions. LAMC may be taken via direct tissue application, nebulization, nasal, intravenous (IV) or oral administration, or some combination of these; a person's specific health challenges and needs, combined with practitioner advice, will determine the appropriate application.

ABOUT LAMC

Lipoic Acid Mineral Complex is a unique compound created through an innovative process whereby alpha lipoic acid and vitamin B1 (thiamine) are bound to the mineral palladium. When alpha lipoic acid, a unique and powerful antioxidant with multiple health benefits, is connected to an electrically-charged mineral and joined with thiamin (B1), the resulting complex is both water and fat soluble, dramatically increasing the entire body's absorption of LAMC at the cellular level. The complex can even pass through the blood-brain barrier, something many substances cannot do. With additional vitamins, B2 and B12, specific trace minerals and amino acids, this unique complex and formulation creates an amazing synergy, action and function. It is designed to provide energy for the body's systems as well as protect cells from oxidation through its proprietary and patented process.

LAMC was formulated by Dr. Merrill Garnett, who over the past 48 years has conducted research on the actions of DNA within normal and abnormal cells. This product safely and effectively protects and supports cellular function. It is designed to provide energy for compromised body systems by increasing cellular energy levels, thus increasing the charge density of DNA within the cell. This supports normal cell function and works against abnormal cell function.

LAMC is a superior complex with a unique antioxidant component that provides effective free radical protection; it can replace specific nutrients that may be depleted during certain therapies (cancer and more); it's fast acting, easy to use and provides quick results; it safely and efficiently supports energy production at the cellular level; and it can greatly enhance quality of life.

HOW LAMC WORKS

Lipoic Acid Mineral Complex is a redox molecule (this means it can accept and donate electrical charge, which makes it an extremely effective **energy-transferring molecule**) that facilitates energy charge transfer at the cells mitochondrial level. This means it can safely and effectively protect cells and provide energy to them.

Many years of research and clinical studies provide consistent and ongoing evidence that LAMC can support gene repair (in genes damaged by cancer), various therapies and degeneration because of its mitochondrial up-regulation with increased oxygen. Once inside the cell, the complex supports normal energy production of ATP via the Krebs cycle and its oxygen pathways. This interferes with the particular energy metabolism of the (anaerobic) cancer cell by targeting the mitochondria which allows for a change in the cell properties.

Multiple studies have shown LAMC's effectiveness in many different cancer cell lines, animal studies and human use with no harm occurring in normal cells. The benefit from the increase in oxygen and ATP is increased support for normal cellular function in all other cells. The irreversibly bound complex that can travel to all tissues and parts of the body is significantly more effective than any individual ingredient.

LAMC has undergone extensive testing in various cancer situations as well as with other degenerative diseases and as a daily preventative tonic – providing a safety record of over 20 years. Furthermore, it is a highly effective free radical scavenger and, if used only for this, supports multiple body systems. Its additional ability to donate electrons to the mitochondria of the cell is critical to mitochondrial and DNA support. In addition to cancer, clinical

research also continues to support its benefits in stroke, ischemia and hypoxic conditions. This is because following an interruption of blood flow to any tissue, there is deprivation of oxygen and glucose. Providing an alternative energy source can maintain the integrity of the electron transport chain within the mitochondria. The LAMC complex has the ability to shuttle electrons to oxidized DNA while also supporting the mitochondria (this is critical since mitochondrial health is a major concern during myocardial and cerebral ischemia, as well as in countless other health concerns).

LAMC AND CANCER

After many years' use in clinical outcome-based studies and laboratory research, Lipoic Acid Mineral Complex continues to be an effective and safe approach to various cancer situations, both orally and/or intravenously. Furthermore, it has proven to be an extremely effective supplement for support and palliative assistance in many Stage 4 cancer patients either with or without concomitant chemo and radio therapy. The safety profile is excellent in over 20 years of use. It has been shown that LAMC has the ability to support the cell's normal pathway to apoptosis because of its ability to upregulate, maintain and protect the electrical charge of healthy cells - all the while forcing cancer cells to utilize oxygen pathways they do not have and support aerobic respiration. Cells that utilize anaerobic respiration are inefficient in that they can not utilize the excess energy and oxygenation, which ultimately leads to their death.

At this time, there are no known contraindications between LAMC and traditional cancer therapies. In fact, it appears that LAMC is synergistic with most of these (based on case studies, doctor reports and observed clinical responses). More importantly, LAMC often also protects against the side effects of the conventional therapy-related damage through its cellular protection and supportive properties (contrary to any mainstream hypothesis that things like antioxidants may actually protect cancer cells). With over 4000 different type of antioxidants and their various mechanisms and it is clear the majority of them are very supportive.

Additionally, LAMC has been shown to protect against radiation-related damage, such as lowering of blood cell counts and initiating DNA damage in normal cells. Studies have shown compounds that potentiate therapy and attenuate toxicity to normal tissue may provide immense benefit; LAMC has been shown to be one such compound. It has proven to enhance the anti-tumor effect of radiation, when administered prior to radiation. Furthermore, when it is administered daily for 2 weeks, it protects against DNA damage in the peripheral blood. LAMC also renders protection against radiation-induced lowering of platelet count. The unique redox property of LAMC's active ingredient, alpha-lipoic acid mineral complex, appears to be responsible for its radio-sensitizing and protective effects.

Types of tumors which have shown the best clinical response, to date:

- Glioblastoma and Astrocytoma (by far the best anecdotal reports have come from patients with these tumor types - Gliomas and Meningiomas also respond)
- Prostate
- Squamous Cell (including Esophagus, Skin, etc)
- Lung (including Small Cell)
- Breast
- Leukemia
- Lymphoma
- Multiple Myeloma
- Fibroid

POLY-MVA OUTCOME BASED INVESTIGATIONS

1. Three Clinical Oncology “Outcome Based” investigation over 10 years, 28 various metastatic cancers.

2. The investigation was voluntary and not double-blinded or placebo controlled.

The major parameters included:

CR – All Clinical disease in Remission

PR – Greater than 50% reduction in tumor mass/markers

SD – Less than 50% reduction in tumor mass/markers

3. 56% @30 Months and 38% @60 Months overall response rate combining CR+PR+SD.

4. The overall response rate in patients on Poly-MVA *only* was 40%.

5. The overall response rate in patients on chemotherapy + Poly-MVA was 60%.

6. Results showed improvement over historical controls & improved QOL in multiple areas.

CONCLUSIONS OF POLY-MVA INVESTIGATION

Poly-MVA is a safe is extremely effective supplement for support and palliative assistance in stage IV cancer patients either with or without concomitant chemotherapy. The safety profile is excellent and there were no treatment related deaths or any significant adverse reactions or negative interactions with chemotherapy or hormonal treatments. The best responding tumors were:

- Prostate
- Breast
- Lung
- Head/Neck
- CRC
- Hematological

Results show an improved Overall Response Rate over historical controls.

HOMEOPATHIC ONCOLOGY PHILOSOPHY

In Stage IV cancers of any origin improvement in *Quality of Life* issues is directly proportional to improvement to overall response rate. Even stable disease can be tolerated and metamorphosed into a chronic livable condition. This is true provided that this improvement is not gained at the expense of toxic chemotherapy or radiation therapy leaving the patient with many of the following adverse side effects:

- Chemo Brain Syndrome
- Severe Pancytopenias or Dermatoses
- Painful Neuropathies
- Pulmonary Fibrosis
- Cardiomyopathies
- Liver and Kidney
- Devastating Fatigue
- Anorexia
- Renal Failure
- Wasting Syndromes
- Hepatic Failure
- Death