

NUTRAFUSE

nutritional support

Understanding Nutrition Therapy

Chelation Therapy
Allergies
Cancer
Food Sensitivities
Viral Infections
Parkinson's Disease
Fibromyalgia
Migraines
Anti-Aging
Chronic Fatigue
Immune Support
Nutrition
Muscle Pain
Headaches
Heart Disease
Addiction
Depression
Hypertension
Asthma



6095 Pine Mountain Road NW Suite 108
Kennesaw, GA 30152
Ph: (800)547-1399 Fax: (800)517-5509
www.innovationcompounding.com

Nutritional Deficiencies

Nutritional deficiency occurs when either the body can't absorb the necessary amount of a nutrient, or there isn't enough of the nutrients found in the foods we eat. Nutritional deficiencies have shown to worsen many illnesses, and can contribute to cancer through DNA damage, neuronal decay in the central nervous system, and premature aging.¹ Lack of adequate nutrition in one's body is certainly a condition that has proven to be rather silent and has still gone overlooked. Even though nutritional deficiencies are thought to be limited to third world countries where malnutrition is most widespread, doctors and pharmacists alike only screen around 31.3% of patients upon admission to a hospital.² Here in the US, as the prevalence of malnutrition has climbed to 25-54% among hospitalized patients at admission, it can be concluded that something can and should be done about this.³

The recommended daily amount of a nutrient is determined by how much the body needs to stay healthy. Nutrients can be obtained in a variety of ways - from eating a varied diet, to taking vitamin supplements, or having IV/IM Nutritional therapy.

The Concept Behind IV/IM Nutrient Therapy

Typically, nutrients reach your cells through the process of digestion. Your gastrointestinal (GI) tract breaks down the food you eat (or the pills you swallow) and passes the nutrients along to the blood through the lining of the GI tract. If your digestion is weak or if your gut cannot process high concentrations of a nutrient, your gut can become upset or simply excrete the nutrient without sending it along to the blood, where it can reach the cells that need it. When nutrients are infused directly into the bloodstream, they bypass the GI and are carried directly to the needy cells via the blood.

Intravenous treatments are exceptionally powerful because they bypass issues with oral administration, including stomach upset, absorption issues, and loss of potency. In addition, very large doses can be administered via IV without gastrointestinal side effects, which can limit dosing. A perfect example of this is vitamin C, which can only be taken in fairly small amounts orally before causing stomach upset. In contrast, very large doses of vitamin C, which can be very beneficial for the immune system, can be administered safely and without stomach side effects with an intravenous delivery route.

We offer an assortment of vitamins, minerals, amino acids,

antioxidants, chelating agents, and trace elements that can help treat a variety of conditions. Intravenous nutrients serve as a tune-up for your body to perform better.

Providing these nutrients via the intramuscular (IM) and intravenous (IV) route is the most effective way of correcting the essential vitamin and mineral intracellular deficits because they will be delivered directly to the bloodstream, bypassing any obstacles in our digestive system that would block direct absorption.

Benefits of IV/IM Nutrient Therapy

In addition to anti-aging benefits and support of overall wellness, IV/IM Nutrition Therapy can positively impact many health conditions, including (but not limited to):

- Immune Support
- Allergies
- Chelation therapy
- Cancer
- Food Sensitivities
- Chronic Fatigue
- Muscle Pain
- Headaches (including migraines)
- Heart Disease
- High Blood Pressure

Types of IV Therapy

Chelation Therapy- Chelation therapy is used to remove heavy metals from the blood stream reducing free radical damage that can cause arteriosclerosis. For this, ethylene diamine tetraacetic acid (EDTA, an amino acid) is administered intravenously. The acid binds with heavy metals such as iron, lead, and calcium, and flushes them out of the blood via urine. Chelation therapy reduces the occurrence of arteriosclerosis and, therefore, is effective in preventing heart attacks, strokes, senility, and cancers.

High Dose Vitamin C- Intravenous high dose Vitamin C has proven to effectively treat many conditions including Chronic Fatigue Syndrome and Fibromyalgia. IV Vitamin C has a much greater effect on immune enhancement than the conventional oral Vitamin C administration. In addition, high levels of Vitamin C in the blood cause production of hydrogen peroxide, a known toxin to cancer cells.

Alpha Lipoic Acid- Administered intravenously, Alpha Lipoic Acid (ALA) attaches itself to free radicals and, therefore, is an effective defense against cancer. It increases levels of Vitamins C and E, coenzyme Q10, and glutathione. Alpha Lipoic Acid improves insulin sensitivity and lowers blood

sugar, helping diabetics by treating damaged nerves and arteries. ALA can also be administered to people suffering from Hepatitis B or C and other liver diseases.

Hydrogen Peroxide (H2O2) - The intravenous introduction of hydrogen peroxide in the body leads to the release of single oxygen molecules in the cells and bloodstream. The single oxygen molecule can destroy anaerobic viruses and bacteria, kill cancer cells, or oxidize toxins and make them easier for the liver and kidneys to process.

Glutathione - Glutathione is an amino acid that is available from fresh fruits and vegetables. However, either a poor diet or certain stressful conditions can reduce its levels, leading to various symptoms of aging. Since glutathione is poorly absorbed when administered orally, IV administration is the preferred route.

Myers' Cocktail - Myers' Cocktail is a mix of vitamins and minerals, developed by John Myers, and is used to enhance your immune system, treat fatigue, help with allergies, and reduce the symptoms of Fibromyalgia and Asthma. The cocktail is administered intravenously, thus bypassing problems with digestion and providing a temporary energy production boost in your body.

What to expect during your doctor's visit

IV/IM Nutrition therapy is usually broken into 15-60 minute sessions that involve administering nutrients tailored to treat your specific condition. The number of sessions can range. Sometimes, a single session is all that is needed for conditions like chelation. Or your doctor may feel that you can benefit from multiple sessions for conditions like muscle pain.

At each session, an IV line will be administered into your arm. At this time you will feel a small pinch. In addition, there are a few, minor complications a person may encounter during IV nutrient therapy. Some of which may include: a small feeling of tenderness around the injection site, slight swelling of the vein, or fatigue.

Our goal is to help you achieve a healthier, better way of life! Ask us how to get started with IV/IM Nutrition therapy today!

References:

1. A. Bruce. "A role for supplements in optimizing health: the metabolic tune-up." Archives of Biochemistry and Biophysics. 2004; 423: 227-234.
2. Karim S, Baharudin I, et al. "What Do Healthcare Providers Know About Nutrition Support? A Survey of the Knowledge, Attitudes, and Practice Pharmacists and Doctors Towards Nutrition Support in Malaysia." Journal of Parenteral and Enteral Nutrition. May 2015; 39(4): 482-488.
3. M, Ainsley. "Malnutrition: Our Time is Now!" Journal of Parenteral and Enteral Nutrition. January 2015; 39(1): 63-72.