

## The use of CaEDTA for testing and treatment of heavy metals

### Disclosure Statement:

Jeffrey Morrison, MD has indicated that he is the owner of Daily Nutritionals, Inc.

### Abstract:

The word chelation is derived from the Greek word chele meaning claw, such as the claw of a crab. In practice, the mechanism by which chelation works is by creating a firm grasp or bond between a chemical (i.e., EDTA) to a metal or mineral ion. A more complete definition is “the molecular incorporation of a mineral ion or cation into a heterocyclic ring structure by an organic molecule, the chelating agent.” EDTA (EthyleneDiameneTetraAcetic acid) is currently approved for use as a chelating agent in the United States by the FDA for lead poisoning, hypercalcemia, and for the control of ventricular Arrhythmias associated with Digitalis Toxicity. During this lecture we will discuss the basic biochemistry by which chelation therapy works as well as the rational for approved and off label use of this agent.

### Biography:

Dr. Jeffrey Morrison is a medical doctor who champions a nutritional approach to preventing and reversing degenerative diseases. Through specific treatments he aims to enhance the body’s ability to heal itself. These safe, non-toxic and non-invasive therapies are proving to be powerful treatment options for his patients. Dr Morrison did his undergraduate training at the University of Rochester and received his medical doctorate from Jefferson Medical College in Philadelphia. He is trained and Board Certified in Family Practice, as a Certified Nutrition Specialist and has completed additional training in Environmental Medicine. In 2001, Dr Morrison was on the medical staff at the Atkins Center for Complementary and Alternative Medicine in New York City, where he worked under Dr. Robert Atkins, developer of the low carbohydrate lifestyle. He then went on to become the medical director of the Wellness Medical Center in New York City. In 2002, Dr Morrison opened The Morrison Center in midtown Manhattan. Since then, Dr Morrison has used his successful integrative medicine approach for the treatment and prevention of arthritis, high blood pressure, obesity, diabetes, chronic fatigue, anxiety, depression, heavy metal poisoning and many other ailments. Dr Morrison is a board member of the American College for the Advancement in Medicine as well as the American Academy of Environmental Medicine. Dr. Morrison has written journal articles, chapters for textbooks and has given lectures in the field of integrative and complementary medicine.

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