Treating Heart Disease with NaEDTA Chelation Therapy
By Dr. Ayo Bankole

What is NaEDTA Chelation Therapy?
NaEDTA (sodium ethylene diamine tetraacetic acid) chelation therapy has been in clinical use for over 30 years. It is administered intravenously to improve the health of the arteries that bring blood to the heart. Chelation is the action of incorporating metal ions into the agent’s ring structure. With its negative charge, NaEDTA reacts with and binds positively charged heavy metals, neutralizing and carrying them out of the body.

What conditions does NaEDTA Chelation Therapy treat?
- Coronary Heart Disease
- Atherosclerosis
- Cerebral Vascular Disease
- Rheumatoid Disorders
- Alzheimer’s and Parkinson’s disease
- Diabetes Mellitus
- Heavy Metal Toxicity
- Peripheral Neuropathy
- Kidney Disease
- Osteoporosis

How does NaEDTA work?
NaEDTA is a FDA approved medication used to chelate lead from patients. It was observed in patients with heart disease that symptoms like chest pain, impaired circulation and poor exercise tolerance improved after treatment for lead removal. These findings were later reproduced in subsequent studies designed to directly investigate the role of NaEDTA in heart disease. Along with lead, excessive levels of trace minerals, especially calcium, accumulate in diseased arterial walls. These minerals in combination with toxic heavy metals impede the enzyme systems integral for proper metabolism and detoxification of the cardiovascular system. Free radical damage and inflammation ensue; resulting in injury, damage and hardening of the arteries. EDTA binds and removes this toxic material, promoting normal functioning enzyme systems and reversal of heart disease.

What are the potential benefits of Chelation Therapy?
- Decrease platelet stickiness
- May remove calcium from arterial plaque deposits
- Improves cardiac function
✓ Improves blood flow
✓ Increases arterial wall elasticity
✓ Improves endurance
✓ Improves cognition
✓ Decreases oxidative damage to lipids
✓ Lowers blood pressure
✓ Improves bone mineral density
✓ Improves kidney function
✓ Improves circulation in diabetic wounds

What’s the correct form of chelation therapy for treating heart disease?
The only form of chelation therapy proven effective for treating heart disease is NaEDTA.

What’s the correct administration route for NaEDTA?
The proper administration route for treating heart disease or conditions of aging is intravenous. This is because only 5 percent of EDTA is absorbed when taken by mouth. The remaining 95% travels through the stomach and intestines, binding nutrients from food and supplements instead of binding metals in arterials walls. Claims of adequate absorption and effectiveness of orally taken NaEDTA are unsubstantiated. Other chelating agents such as DMPS and DMSA may be taken orally but lack the ability to treat heart disease.

When will I notice improvement?
Observational studies by physicians around the world show that the most noticeable improvement occurs approximately 3 months after the final treatment. It is however not unusual for patients to note decreased frequency and or intensity of angina and improved exercise tolerance throughout a course of treatment.

How often and how many treatments should I receive?
The number of treatments and frequency is based on your unique situation. If you have advanced heart disease you’re likely to require 20 or 40 treatments. Treatment frequency typically ranges from one to three times weekly. Patients with more advanced disease benefit from more frequent treatments.

How long is each treatment?
A NaEDTA chelation treatment is administered as a slow drip, typically lasting from 2 to 3 hours. The exact dosage and rate is individualized to your age, weight and kidney function. The treatment of other conditions such as heavy metal toxicity without heart disease uses different chelating agents administered at different rates.

How should I prepare for each treatment?
Prior to each treatment hydrate well with water. However, be sure to observe any fluid restrictions from your cardiologist. Also, arrive well fed or bring food to eat during your treatment. If underfed you’re likely to experience an unpleasant drop in your blood sugar during your treatment.

What precautions exist with Chelation Therapy?
NaEDTA chelation therapy is an extremely safe therapy. Like any medical therapy, protocol and monitoring is required. Improper dosages and rapid administration rates may negatively impact kidney function. Kidney function is routinely monitored throughout treatment. Post treatment fatigue can occur as a result of EDTA binding minerals needed by the body. Although EDTA preferentially binds
toxic metals like lead, cadmium and aluminum over minerals like iron, calcium, zinc and manganese, these minerals will need to replenished daily by mouth and periodically by IV. Vein irritation, bruising or discomfort at the IV site, as with any solution, may occur. NaEDTA chelation therapy should only be administered by doctors trained by and following the protocols established by the American College for Advancement in Medicine.

Dr. Ayo Bankole is a licensed Naturopathic Doctor and has been practicing medicine in California since 2006. He completed his training in cardiovascular chelation with the American College for Advancement in Medicine and has completed post graduate training in Environmental Medicine and Detoxification. He treats heart disease using a combination of custom tailored nutritional protocols along with IV NaEDTA chelation therapy.

References