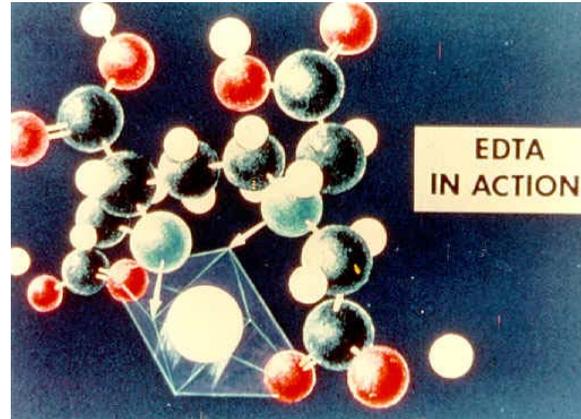


## What are the benefits of Chelation Therapy

Chelation therapy is widely used for the treatment of Arteriosclerosis and other chronic degenerative diseases involving the circulatory system. It is also a n FDA approved treatment for Heavy Metal Toxicity

Many scientists suggest that the beneficial effect of Chelation Treatment is from the removal of metallic catalysts that causes excessive free radical proliferation. This reduces the oxidation of lipids, DNA, enzyme systems and lipoproteins.



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## CHELATION THERAPY

Heavy Metal toxicity has been found to be a major contributing factor to the onset of all chronic degenerative diseases.

To remove dangerous heavy metals is a preventive health care decision that can lead to better health and thus quality of life.

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## Chelation Therapy

Derived from the Greek “Chele” the claw of a crab or lobster, the word chelation refers to the pincer like binding action of certain chemicals to a metal ion.

### Heavy Metal Toxicity

The most common causes of heavy metal toxicity are dental amalgams, food, air, deodorant, toothpaste and occupational exposure.

**Lead;** may enter the body from paint, car exhausts fumes, welding, lead soldering in copper water pipes, drinking water, fertilizers, pesticides and industrial pollution. Lead is toxic to the kidneys, nerves and red blood cells. Lead can also replace calcium in your bones weakening your skeletal structure. Moderate levels of lead have also been linked to problems with memory, concentration and nerve conduction. As well as anemia, fatigue, headaches and weight loss.

**Mercury;** is liquid at room temperature but vaporizes easily and can thus be inhaled. It is also easily absorbed through the skin and intestines. Even minor mercury toxicity can aggravate neuro-muscular disorders as well as affecting memory, cognition, emotional stability, vision and appetite. The figure of speech “mad as a Hatter” came about with the felt hat workers in England who used mercury in the preparation of the hats and subsequently went insane from mercury poisoning.

**Cadmium;** found in tobacco smoke, silver polish, metal plating and batteries. Cadmium can aggravate hypertension and damage the liver and kidneys.

**Arsenic;** often found in pesticides (especially those used on grapes) and wood preservatives. It can aggravate diarrhoea or constipation and cause abdominal pain or a garlic type body odour.

The most common form of treatment for heavy metal toxicity is the use of intravenous EDTA, although EDTA can be administered orally only about 5% is absorbed.

### Chelation Therapy and Heart Disease

EDTA chelates or removes heavy metal ions from the lining of the artery wall. These heavy metal ions are chemical catalyst which increase damaging free radical oxidation in the arteries. Removing these metal ions slows down degeneration and in time reverses damage by removing hardened plaque deposits in the arteries. EDTA has also been found to stimulate the healing of cells lining the arteries. Taking chelation turns back the clock on arterial degeneration restoring the arteries a youthful supple state.

### Chelox

At Nutritherapy we often combine the use of EDTA with Intravenous Hydrogen Peroxide. The reason for this is that the Hydrogen peroxide increase cellular oxygenation as well as supplying essential vitamins and minerals to the body. This helps to repair the damage caused to the heart muscle due to poor circulation and free radical damage. The efficiency of the combination therapy greatly reduces the recovery time and thus the required length of treatment.

### Chelation and Arthritis

Chelation has been shown to slow down progression of macular degeneration and decrease inflammation and pain caused by arthritis. This is done through the removal of metastatic calcium deposits in the joints and through the reduction of free radical damage which ‘steals’ electrons from the membranes lining the joints.

### DMPS

DMPS is an extremely effective chelating chemical for the removal of arsenic and mercury, used primarily in the treatment of heavy metal toxicity this form of chelation can reduce the number of treatments required when used in conjunction with EDTA. It can also be used by people who show a sensitivity towards EDTA.

### DMSA

DMSA is an oral form of chelation therapy and is extremely useful for the removal of heavy metals from soft tissue. It is particularly useful for the removal of mercury from brain tissue as it easily crosses the blood brain barrier. Used for the treatment of autism in children and when intravenous treatment is inconvenient.

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