

## HOMOTOXICOLOGY:

### Advanced Chelation with Calcium EDTA

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Intravenous EDTA chelation therapy for the detoxification of heavy metals has been in continuous use since the 1940's when it was introduced specifically for the treatment of lead poisoning. It was quickly observed that as the metals were eliminated, not only did the symptoms of lead poisoning abate but problems related to the circulatory system such as heart attacks, angina, strokes and peripheral vascular disease also began to improve. When it was also shown that not only was lead eliminated with EDTA chelation but also many other metals (both necessary and toxic), it was initially thought that the chelation of calcium somehow leached the calcium out of atherosclerotic plaques, opening up arteries and improving circulation. This has since been proven to be a false assumption.

It is currently believed that IV EDTA chelation affects circulation through removal of heavy metals from the endothelial cells that line the arteries, allowing the increased production of Nitric oxide, which acts as the endothelial relaxing factor. This ultimately improves circulation by relaxing the vessels and decreasing the resistance to flow, even though the plaques remain present.

In 1999, Valentin Fuster, MD published a book titled *The Vulnerable Atherosclerotic Plaque*. He points out that heart attacks do not occur in areas of maximal plaque buildup where calcium has hardened large deposits of cholesterol but, rather, in fresh "vulnerable" plaques that become infected by Epstein-Barr virus, Herpes virus, Cytomegalovirus and other low level germs. Other researchers are currently in the process of establishing that these germs are more prevalent and infectious when Nitric oxide is *not* present in sufficient amounts.

Heavy metal toxicity leads to decreased amounts of Nitric oxide, which leads to un-relaxed blood vessels and decreased blood flow, as well as vulnerability to infection of the fresh cholesterol by a low-grade virus such as Herpes that can form and break a vesicle within an artery and cause an immediate hypercoagulable state with subsequent blood clot formation and possible sudden death. The elimination of heavy metals, therefore, becomes a desirable medical procedure that can be life saving. The ideal method of chelation therapy likewise becomes a desirable procedure to research and perfect. The newly introduced Calcium Disodium EDTA protocol chelates mercury and lead as well as other metals. It is an improvement over the previously used EDTA-alone protocol.

However, any chelation process causes not only the excretion of toxic metals but also of necessary metals and certain nutrients, which need to be replaced. This is where the application of homotoxicology is useful.

Homotoxicology is the homeopathic medical philosophy conceived by Hans-Heinrich Reckeweg, MD, a German physician and founder of Heel Biotherapeutics of Baden-Baden, Germany, the world's largest exclusive manufacturer and distributor of combination homeopathic remedies. Homotoxicology serves as a "bridge" between conventional medicine and homeopathic medicine, where homeopathic combination remedies can be given for familiar indications. The concepts of drainage and detoxification of the Interstitial Space or "Ground Substance" play heavily in homotoxic therapy, and heavy metals are some of the most serious homotoxins that harm the human biological system.

Following are the Heel preparations that are useful to accompany EDTA chelation:

1. Mineral supplement plus **Molybdan compositum** (tablets): This is a homeopathic combination of several metals that actually promotes the excretion of the toxic metals and absorption of the beneficial ones.
2. **BHI Inflammation, Engystol® and Calcoheel®** (tablets): There are certain germs that are said to infect blood vessels and at the same time lay down a layer of calcium around them. **Calcoheel** helps break up this calcium layer while **BHI Inflammation** has anti-bacterial properties and **Engystol** has proven antiviral effects.
3. **Tonsilla compositum** (oral vials): This immune-boosting oral preparation stimulates the adrenal glands, as well as other organs of the immune system.
4. **Nux vomica-Homaccord®**, **Berberis-Homaccord®** and **Lymphomyosot®** (oral drops): **Nux vomica-Homaccord** stimulates the gastro intestinal tract, **Berberis-Homaccord** stimulates the kidneys and biliary system and **Lymphomyosot** stimulates the lymphatic system to drain properly. Twenty drops of each per liter of water consumed helps increase the processes of detoxification and drainage in the end organs of excretion.
5. **BHI Enzyme** (tablets) is a stimulant of the Krebs (citric acid) cycle and of the aerobic metabolic pathways within the intracellular mitochondria. It is taken along with digestive enzymes with each meal.
6. **Barijodeel®** (tablets) when taken daily along with **Nux vomica-Homaccord** in the detox protocol helps to lower cholesterol levels.
7. The Rx preparations of **Cralonin®** and **Cor compositum** (oral vials) help control anginal pain until the chelation has had a chance to control the basic problem.
8. If diabetes mellitus is a problem, sipping a combination of **Syzygium compositum (Rx)**, **Aesculus compositum (Rx)** and **Galium-Heel®** in a glass of water before meals can help balance blood sugar levels.

Heel USA sponsors training seminars that can properly teach practitioners how to successfully become a safe and efficient Chelation physician.